



安全理事会

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安全理事会主席的说明

安全理事会第 [2680\(2023\)](#) 号决议第 2 段请第 [1874\(2009\)](#) 号决议所设专家小组向安理会提交一份载有结论和建议的最后报告。据此，安理会主席谨此分发专家小组提交的报告(见附件)。



附件

2024 年 3 月 4 日第 1874(2009)号决议所设专家小组给安全理事会主席的信

安全理事会第 1874(2009)号决议所设专家小组谨根据安理会第 2680(2023)号决议第 2 段转递专家小组工作最后报告。

所附报告于 2024 年 2 月 2 日提交安全理事会第 1718(2006)号决议所设委员会，委员会于 2024 年 2 月 21 日审议了该报告。

请提请安全理事会成员注意本信和所附报告并将其作为安理会文件分发为荷。

安全理事会第 1874(2009)号
决议所设专家小组

附文

2024 年 2 月 2 日第 1874(2009)号决议所设专家小组给安全理事会第 1718(2006)号决议所设委员会主席的信

安全理事会第 1874(2009)号决议所设专家小组谨根据安理会第 2680(2023)号决议第 2 段转递专家小组工作最后报告。

请提请安全理事会第 1718(2006)号决议所设委员会成员注意本信和所附报告为荷。

安全理事会第 1874(2009)号
决议所设专家小组

摘要

在本报告所述期间，即 2023 年 7 月至 2024 年 1 月，朝鲜半岛的军事和政治紧张局势进一步加剧。

朝鲜民主主义人民共和国继续无视安全理事会制裁。朝鲜进一步发展核武器并生产核裂变材料，尽管其最后一次已知核试验发生在 2017 年。宁边轻水反应堆似乎仍在运行，丰溪里核试验场的活动仍在继续。朝鲜至少发射了七枚弹道导弹(一枚三级洲际弹道导弹、一枚可能是中程弹道导弹和五枚短程弹道导弹)。在两次失败尝试后，朝鲜利用弹道导弹技术成功将一颗军事观测卫星送入轨道。其导弹库增添了一艘“战术核攻击潜艇”(一艘改装的柴油潜艇)。专家小组继续调查可能违反制裁的技术无形转让。

朝鲜民主主义人民共和国继续违反海上制裁。专家小组审查了关于该国继续违反安全理事会决议进口精炼石油产品的资料。本报告概述了该国及其协助者继续利用各种混淆方法逃避海上制裁的情况。

贸易继续恢复。2023 年记录的贸易总额超过 2022 年总额，同时大量外国消费品重新出现，其中一些可归为奢侈品。

专家小组正在调查会员国关于朝鲜民主主义人民共和国违反制裁规定供应常规武器和弹药的报告。

专家小组正在调查朝鲜民主主义人民共和国在 2017 年至 2023 年期间对加密货币相关公司进行的 58 次疑似网络攻击，所涉价值约 30 亿美元，据报这些攻击有助于为该国发展大规模毁灭性武器提供资金。据报告，隶属于侦察总局的黑客团体继续进行大量网络攻击。趋势包括以国防公司和供应链为目标，以及越来越多地共享基础设施和工具。

专家小组调查了关于朝鲜民主主义人民共和国许多国民违反制裁在海外工作赚取收入的报告，包括在信息技术、餐饮和建筑部门工作。

朝鲜民主主义人民共和国继续违反安全理事会决议，利用国际金融体系，从事非法金融业务。专家小组调查了该国据报在国外开展业务的金融机构和代表、合资企业和合作实体以及非法贩运野生动植物的案件。

专家小组指出，联合国制裁及其执行无疑对人道主义局势和援助行动的某些方面产生了意外影响，尽管其相对作用仍然无法与许多其他因素分开。大多数观察员仍然认为，朝鲜民主主义人民共和国的人道主义局势进一步恶化。人道主义行为体报告了在该国境内提供援助面临的一些障碍。

专家小组指出，报告的内容反映了会员国和其他来源提供的资料，并非常欢迎在提供资料方面进一步给予支助。

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** 附件仅以来件所用语文分发，未经正式编辑。

一. 引言

1. 安全理事会第 2680(2023)号决议第 2 段请第 1874(2009)号决议所设专家小组向安全理事会第 1718(2006)号决议所设委员会提交一份载有专家小组调查结果和建议的最后报告。除另有说明外，本报告所载资料涵盖 2023 年 7 月 29 日至 2024 年 1 月 26 日期间。¹

二. 与核计划和弹道导弹计划有关的活动

核

2. 朝鲜民主主义人民共和国违反安全理事会决议，继续开展与发展核武器和生产核裂变材料有关的活动，尽管自 2017 年 9 月以来未检测到核试验。

战术核武器发展：巡航导弹

3. 在本报告所述期间，朝鲜民主主义人民共和国延续 2021 年 1 月劳动党第八次代表大会后形成的模式，利用弹道导弹技术进行了多次核运载系统试验(见第 20 和 21 段)。

4. 据报告，作为“模拟战术核攻击的发射演习”，朝鲜于 9 月 2 日发射了两枚巡航导弹。² 2021 年以来的巡航导弹开发以及 2023 年 3 月展示的所谓战术核武器“火山-31”，都体现出该国在努力发展战术核武器计划。³ 一会员国指出，“鉴于[巡航导弹]涡轮风扇发动机的材料和制造方面的技术挑战，极有可能有外部援助”。⁴

宁边场址

轻水反应堆

5. 国际原子能机构(原子能机构)总干事 11 月 22 日表示，“自 2023 年 10 月中旬以来，观察到[轻水反应堆]冷却系统有大量排水。观察结果与[轻水反应堆]的试运行情况一致”。他在 12 月 21 日进一步指出，“最近的观测表明，排放的水是温水。……温水的排放表明反应堆已达到临界状态”(见附件 1)。

6. 专家小组证实了这一观察结果。10 月初，九龙江附近出现大量排水，自 10 月中旬以来，观察到持续排水。专家小组至少看到两个排水点(北面和南面)。最近在南排水点检测到稳定排水，自 2022 年 7 月以来，在北排水点经常观察到污水流入九龙江的迹象。⁵ 一会员国评估认为，稳定排水表明反应堆在定期运行。

¹ 报告中所有文字隐匿均以黑框或像素标记，以防止个人身份被实际识别。

² *Rodong Shinmun*，2023 年 9 月 3 日。

³ S/2023/656，第 3 和 4 段及附件 1。

⁴ S/2022/132，第 26-28 段和附件 28-5。

⁵ 专家小组曾报告北排水点间歇性排水(见 S/2023/171，第 8 段和附件 3，及 S/2023/656，第 6 段和附件 3)。

7. 原子能机构总干事还指出，轻水反应堆“与任何核反应堆一样，可在其乏燃料中产生钚”。一会员国评估说，该反应堆在初期可能是零星运行，另一个会员国评估说，朝鲜民主主义人民共和国“既没有专门知识，也没有材料来验证其反应堆，或许不得不处理经常发生的故障”。鉴于该反应堆可能有能力生产更多的核裂变材料和钚，可用于制造先进核武器，专家小组对该反应堆的相关活动和运行状况保持警惕。

8. 该轻水反应堆周围的几项建设活动仍在继续，自 2023 年初以来，反应堆最南端地区建筑仍在继续密集施工。然而，这些建筑物用途不明(见附件 2)。

图一

轻水反应堆排水



资料来源：Planet Labs，2023 年 12 月 17 日。

宁边实验核电站(5 兆瓦(电))

9. 专家小组继续观察到反应堆排放冷却水，但 9 月中旬至 10 月中旬间歇性中断，表明反应堆在此期间关闭。⁶ 在反应堆附近还观察到一些车辆活动。在 12 月和 1 月期间，还观察到反应堆旁的涡轮机房可能有蒸汽排出(见附件 3)。

放射化学实验室

10. 7 月下旬，专家小组观察到热电厂烟囱排烟。由于烟雾时断时续，似乎与废物处理或维护活动有关。专家小组在疑似的核储存点附近观察到小规模挖掘活动和疑似板条箱(6 月下旬)，并在该建筑物和邻近的后处理设施间观察到筑路和挖沟工程(10 月至 11 月)。卫星图像显示，3 月挖掘的位于实验室东北的另一疑似核废料储存场没有重大变化(见附件 4)。⁷

⁶ 关闭可能与反应堆维护有关。

⁷ 也称“旧废料储存场”。另见 S/2023/656，第 8 段和附件 5-1。

宁边核燃料元件组装厂

11. 原子能机构 11 月 22 日报告，有迹象表明离心浓缩设施及其附属设施正在运行。⁸ 专家小组还偶尔在建筑物附近观察到可能的迹象。在本报告所述期间，专家小组没有观察到二氧化铀生产工艺厂房排烟，这表明该厂没有进行从黄饼到二氧化铀的转化。⁹ 一会员国评估认为，所需材料已经储存，翻新不会影响铀浓缩计划(见附件 5)。

平山铀矿和浓缩厂

12. 一会员国评估说，朝鲜民主主义人民共和国获得的铀矿石足以支持其核武器计划，但需扩大铀矿开采能力，才能支持核电计划。卫星图像显示，其中一个铀矿的尾矿堆和尾矿池中的固体废物在继续扩大，这表明该工厂正在运行。据观察，该厂经常有轨道车活动(见附件 6)。

丰溪里试验场

13. 7 月至 12 月拍摄的卫星图像显示，该试验场有少量活动。12 月和 1 月，在行政区和指挥中心周围观察到车辆行驶痕迹(见附件 7)。

其他场址

14. 专家小组继续监测降仙和永洞堂地区附近的活动(见附件 8)。

弹道导弹

15. 朝鲜民主主义人民共和国继续藐视安全理事会决议，发射弹道导弹(见附件 9)和卫星发射器，启用一艘所谓的弹道导弹潜艇，并宣传这些活动(见附件 10)和弹道导弹制造标准化。

16. 根据几个会员国的意见和资料，专家小组评估认为，朝鲜民主主义人民共和国在以下方面推进了其弹道导弹计划：

- (a) 性能，即可靠性、机动性和精确性，同时保持射程；
- (b) 冷发射，即导弹从发射管中射出，同时保护其一个或多个喷管(见附件 11-12)；
- (c) 空爆(可能)，即在地面上空按计算高度引爆；
- (d) 制造牵引竖起发射装置；
- (e) 生存能力，通过各种平台、地理分散性和机动性维持；
- (f) 准备情况，因为朝鲜民主主义人民共和国多次提到“演习”和导弹贮存。

⁸ 见 www.iaea.org/newscenter/statements/iaea-director-generals-introductory-statement-to-the-board-of-governors-22-november-2023。

⁹ S/2023/656，附件 6-2。

Events in the DPRK related to the use of ballistic missile technology
26 July 2023 to 26 January 2024

UNITED NATIONS Geospatial

Legend:

- Missile/Short range ballistic missile (SRBM)/intercontinental ballistic missile (ICBM)/intermediate range ballistic missile (IRBM) launch
- Satellite launch
- Submarine launch
- Engine test
- Exhibition/Parade
- Factory/Plant visit

Data and location source:
Panel of Experts on the Democratic People's Republic of Korea (DPRK)

Map Details:

- Neighboring Countries:** CHINA, RUSSIAN FEDERATION, REPUBLIC OF KOREA, JAPAN
- Major Cities:** Pyongyang, Seoul, Hanoi, Tokyo
- Events:**
 - 24/08/2023, 21/11/2023: Sinŭiju
 - 03/08/2023: Kanggye
 - 13/09/2023 SRBM, 22/11/2023 Missile, 17/12/2023 SRBM (in Sunan area)
 - 30/08/2023 SRBM
 - 03/08/2023, 05/01/2024, March 16 Factory: Pyŏngsŏng
 - Pyŏngyang
 - Early January 2024, November 20 Factory
 - 10/11/2023
 - 11-12/08/2023, 11-12/08/2023, February 11 Plant: Hamhŭng
 - 06/09/2023, 14/11/2023: Wŏnsan
 - 18/12/2023 ICBM, 14/01/2024 IRBM
 - 26/07/2023 Weaponry Exhibition, 27/07/2023 Military Parade: Sariwŏn
 - Haeju
- Scale:** 0 to 200 km
- Map No. 4864.1 Jan 2024**

The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations

¹⁰ 专家小组用语：短程弹道导弹、中程弹道导弹/远程弹道导弹、洲际弹道导弹、潜射弹道导弹。其他已知导弹系统名称跟在主名称后面，放在括号内，例如“火星-11Ga(火星-11A, KN-23)”。

¹¹ 火星-18 洲际弹道导弹沿不规则弹道飞行，这可抵消 7 月 12 日在它拉升到高弹道之前沿最大射程弹道飞行时的目的地的初期计算。

¹² [S/2021/211](#)，第 17 段。

导弹发射和发动机测试

20. 朝鲜民主主义人民共和国于 2023 年 12 月 18 日第三次发射了一枚火星-18 三级洲际弹道导弹，发射采用高弹道，防止各级弹道导弹落入邻国水域。这体现了其持续燃速和潜在射程。一会员国报告说，该导弹在距朝鲜半岛以东海域发射点 1 000 公里处着陆前，达到 6 000 公里的高点。专家小组确定了发射地点(见附件 11 和 12)。之所以选择这个地点，可能是考虑到牵引竖起发射装置只能在适合支持车辆的区域内经过测试(可能经加固)的道路基础设施上行驶。此次发射在导弹总局授权下进行，¹³ 表明了火星-18(液体推进剂洲际弹道导弹仅限于顺安国际机场)的相对机动性、¹⁴ 平整场地、燃料和储存基础设施、可靠性和级间分离指挥。一些外部专家估计，该导弹长达 23.5 米，重 54 至 61 吨，并认为其发展速度如此之快，是因为模仿了外国导弹的一些特点和技术，特别是与冷发射有关的特点和技术。¹⁵

图三

2023 年 12 月 18 日，火星-18 洲际弹道导弹发射



资料来源：朝鲜中央通讯社。

¹³ S/2023/656，第 16 段和附件 1。

¹⁴ 同上，第 14 段。

¹⁵ 见附件 12 和 www.nonproliferation.eu/hcoc/wp-content/uploads/2023/01/NORTH-KOREAN-SHORT-RANGE-SYSTEMS.pdf。

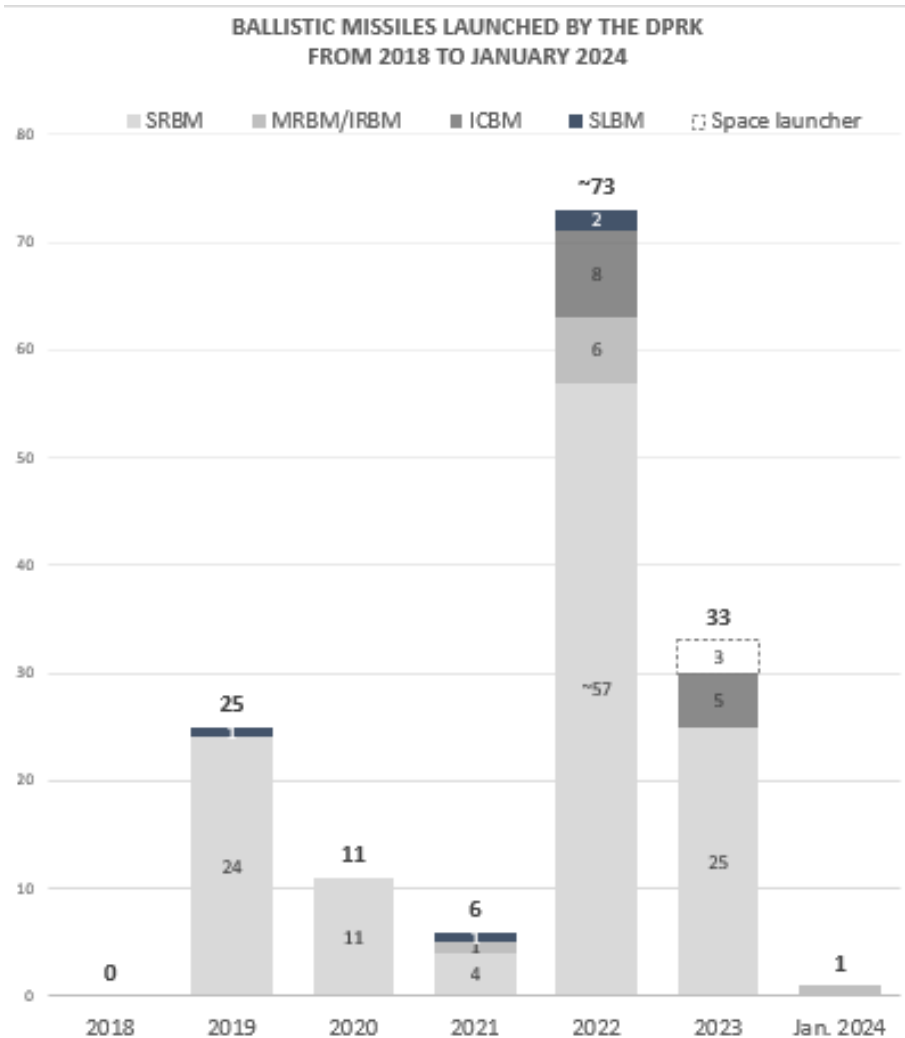
图四
平壤东北 20 公里处的火星-18 洲际弹道导弹发射点



资料来源：Maxar，专家小组附加说明。

21. 朝鲜民主主义人民共和国于 8 月 30 日、9 月 13 日和 12 月 17 日发射了短程弹道导弹，并于 1 月 14 日发射了一枚可能的固体推进剂远程弹道导弹(见附件 23)。

图五
朝鲜民主主义人民共和国发射的弹道导弹



缩写：ICBM，洲际弹道导弹；IRBM，远程弹道导弹；MRBM，中程弹道导弹；SLBM，潜射弹道导弹；SRBM，短程弹道导弹。

资料来源：专家小组。

军事观测卫星

22. 在 2023 年 5 月 31 日和 8 月 24 日两次发射失败后(见附件 14)，新更名的国家航空航天技术局(原国家宇宙开发局)于 11 月 21 日成功将一颗军事观测卫星送入次同步轨道(见附件 15)。在 8 月 24 日发射前，朝鲜民主主义人民共和国就“千里马-1”号发射装置预计坠落的区域向日本海岸警卫队(航行警告区域协调员)发出警告，但没有向国际海事组织(海事组织)、¹⁶ 国际民用航空组织或国际电信联盟发出警告。

¹⁶ 它已将 2023 年 5 月 30 日的首次发射事先通知海事组织(见 S/2023/656，第 21 段)。

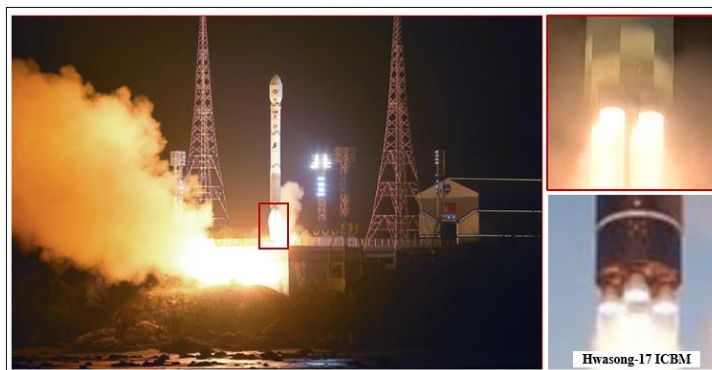
23. 专家小组询问了大韩民国政府对第一次发射失败后回收碎片的调查情况，并等待调查结果。

24. 最新的公开数据显示，¹⁷ 1 月 26 日，万里镜 1 号卫星仍处于 512 公里×488 公里的稳定轨道上。截至 1 月 26 日，朝鲜民主主义人民共和国尚未向外层空间事务厅登记该卫星。金正恩宣布计划在 2024 年再发射三颗卫星(见附件 15)。

25. 如专家小组以前报告所示，¹⁸ 朝鲜的空间方案借鉴了其弹道导弹方案，在本次事件中，模拟推进器的使用证明了这一点：11 月 21 日，千里马 1 号空间发射器的第一级由一台经过评估的液体燃料双室发动机提供动力，该发动机类似于 RD-250¹⁹ (朝鲜民主主义人民共和国分类中的“白头山”型发动机)，由两个发动机和四个喷管组合而成，类似于火星-17 洲际弹道导弹的第一级。该国弹道导弹方案的两名关键人物，即军需工业部(KPe.028)副部长 Kim Jong Sik(KPe.066)²⁰ 和导弹总局局长 Chang Chang Ha(KPe.037)，出席了发射仪式，这也表明两个方案之间有很强的交叉(见第 30 段)。相反，朝鲜民主主义人民共和国表示，万里镜 1 号将支持其声称的洲际弹道导弹能力。²¹

图六

2023 年 11 月 21 日发射千里马 1 号：焦点是液体燃料发动机四喷嘴排气管



资料来源：朝鲜中央电视台和朝鲜中央通讯社。

¹⁷ 见 www.space-track.org。

¹⁸ 例如，见 S/2013/337。

¹⁹ 见附件 16；S/2021/211，第 17 段；S/2018/171，第 13 和 14 段。

²⁰ 专家小组报告了军需工业部参与 Unha-3 项目的情况(见 S/2013/337，第 37 段)。

²¹ 需要“最小能量”弹道以及重返大气层的条件方可确定。

图七

万里镜 1 号盘旋在火星-17 和火星-18 洲际弹道导弹上方的官方海报



资料来源：朝鲜中央通讯社(非官方翻译：“能从远处看到的眼睛，能把任何人打倒在地的有力拳头”)。

弹道导弹潜艇开始服役

26. 9月6日，朝鲜民主主义人民共和国启用了 Sinpo(又称 Pongdae)造船厂重新设计的“841 Hero Kim Kun Ok”(又称“841”)号潜艇，该潜艇从一艘罗密欧级潜艇改造而来，中间增加了一节，可容纳 10 枚垂直发射导弹。这是继 2014 年首次亮相的“8.24 Yongung”之后该国第二艘设计用于发射弹道导弹的潜艇。²²金正恩出席了这次活动，并将“841”称为“战术核潜艇”，指的是其导弹配套，而不是其推进装置，推进装置为标准柴油推进(见附件 17)。

27. “841”的航海能力尚未得到海上试验确认，其在水下或水面上执行和承受弹道导弹发射的能力仍属假设。

28. 金正恩宣布，朝鲜民主主义人民共和国打算对整个罗密欧级潜艇舰队进行类似改装，将它们变成尽可能多的移动导弹发射平台，如牵引竖起发射装置，这使得跟踪弹道导弹发射点的工作更加复杂。“841”，以及有关加强舰队²³和长期“核”潜艇计划的自夸声明，似乎意在让人们对该国能力高看一眼。

与弹道导弹技术有关的其他事件

29. 金正恩在 8 月和 1 月视察了生产弹道导弹的工厂。他呼吁增加牵引竖起发射装置和导弹的生产(见附件 18 至 21)。朝鲜的牵引竖起发射装置生产能力明显提高(见附件 18)。可以看到大量火星-11 系列短程弹道导弹的弹壳。

主要官员的活动

30. 专家小组注意到，9月13日至17日期间，Ri Pyong Chul(KPi.076)、Kim Jong Sik(KPi.066)和 Chang Chang Ha(KPi.037)作为金正恩代表团成员出现在俄罗斯联

²² S/2012/150，第 40 段。

²³ 只有两个造船厂适合这项任务。一个会员国估计，完成这项工作需要 30 多年时间。

邦。据报告，Cho Chun Ryong (KPi.038)也是代表团成员。专家小组就这一违反安全理事会有关决议的情况向俄罗斯联邦提出询问，并等待其答复。

表 1

参与朝鲜民主主义人民共和国弹道导弹计划的官员出席公共活动的情况

	Ri Pyong Chol KPi.076	Pak Jong Chon	Cho Chun Ryong KPi.038	Kim Jong Sik KPi.066	Chang Chang Ha KPi.037
<i>Weaponry Exhibition</i> 26 July 2023	●				
<i>Military parade main stand</i> 27 July 2023	●				
Tour of weapons factories 3 to 12 August 2023		●	●	●	
Tour of naval facilities 3 September 2023			●		
<i>Hero Kim Jung Hok</i> submarine launch 6 September 2023	●	●			
Official visit to the Russian Federation 13 to 16 September 2023	●	●	●	●	●
Chollima-1 SLV launch 21 November 2023				●	●
Visits to the NATA General Control Center 22/24 November 2023				●	
ICBM launch (Hwasong-18) 19 December 2023				●	●
Inspection of TEL factories 5 to 10 January 2024			●	●	●

缩写：ICBM，洲际弹道导弹；NATA，国家航空航天技术局；SLV，卫星运载火箭；TEL，牵引竖起发射装置。

资料来源：经专家小组分析的朝鲜中央通讯社、法新社和俄罗斯 24 频道的报道。

注：朝鲜人民军总参谋部前参谋长 Pak Jong Chon 于 12 月当选劳动党中央军事委员会副委员长，此前他曾担任这一职务。

采购

31. 专家小组从两个会员国收到的资料显示，朝鲜民主主义人民共和国国民 Choe Chol Min²⁴ 据报是第二自然科学院(KPe.018)的代表，他与妻子 Choe Un Jong²⁵

²⁴ Choe Chol Min (최철민); 出生日期：1978 年 4 月 3 日；护照号码：108410050 (失效日期：2023 年 10 月 19 日)。

²⁵ Choe Un Jong, 又称 Ch'oe, U'n-cho'ng; 出生日期：1978 年 5 月 10 日；护照号码：108410051 和 654110020 (失效日期：2019 年 1 月 21 日)。

一起参与代表朝鲜民主主义人民共和国采购用于生产弹道导弹的材料。据报告，除 2023 年的其他活动外，Choe 先生还试图购买惯性测量装置。据报告，其妻子的活动包括与第二自然科学学院的同事协调至少一份两用滚珠轴承的订单。²⁶ 调查仍在继续。

32. 专家小组评估认为，朝鲜民主主义人民共和国在制造用于生产弹道导弹的设备和部件方面的自给自足程度有所提高。外部专家特别指出，该国可采用滚压成型工艺制造大量壳体，可能已经达到了制造导弹复杂金属部件的阶段，包括涡轮泵的叶轮。正如一个会员国所指出，朝鲜民主主义人民共和国有能力制造导弹弹体和牵引竖起发射装置(见附件 18 至 21)，这也是因为它有滚压成型机(见附件 19)，而且它可能掌握了高技能要求的钨惰性气体焊接技术。

33. 专家小组评估认为，朝鲜民主主义人民共和国不太可能有能力制造高等级碳纤维。²⁷ 然而，普通的低等级碳纤维将满足该国目前弹道导弹武器库的大部分需求。一会员国说，朝鲜民主主义人民共和国可能继续需要进口特种钢和铝。

34. 一会员国告知专家小组，2022 年，朝鲜民主主义人民共和国特工人员试图为其弹道导弹计划从国外购买铝粉和金属合金，2023 年，第二自然科学学院试图进口多吨铝镁合金 AlMg6 以及不锈钢板。

35. 鉴于火星-18 洲际弹道导弹成功发射和最近的短程弹道导弹投入使用，朝鲜民主主义人民共和国将需要大量固体推进剂材料以及特别是与固体推进剂混合、浇铸和固化有关的专门知识。目前尚不清楚朝鲜是否、如何以及在何处生产大量优质铝粉和高氯酸铝，但已知咸兴的大型工业综合体有相关活动。²⁸ 朝鲜可能仍然依赖于外国采购来获得端羟基聚丁二烯粘合剂。

36. 朝鲜民主主义人民共和国可能会越来越重视弹道导弹的精确度，特别是短程武库的精确度，再加上生产大量短程弹道导弹的目标，将推动对从外国采购的高质量陀螺仪、加速度计、整套惯性测量装置和电子设备的需求。

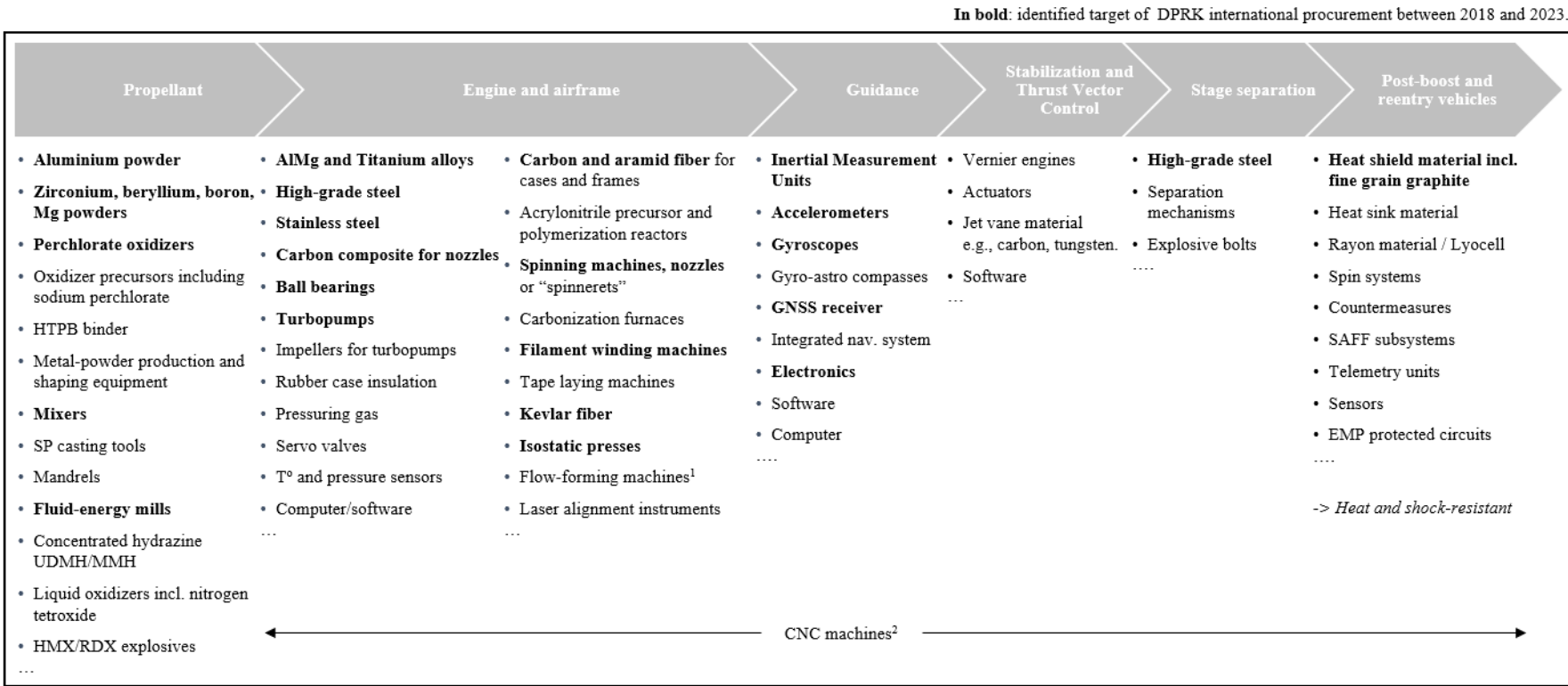
37. 专家小组制定了朝鲜民主主义人民共和国弹道导弹计划所需的一些国内制造或进口的关键物项图(见图八)。

²⁶ 见 <https://home.treasury.gov/news/press-releases/jy1539> 和 www.state.gov/designation-of-two-dprk-individuals-supporting-the-dprks-unlawful-weapons-of-mass-destruction-and-missile-programs。

²⁷ 这种材料可用于发动机外壳和弹体。其市场集中在知名制造商中，最近价格大幅上涨，使其更难采购。

²⁸ S/2019/691，附件 32。

图八
朝鲜民主主义人民共和国弹道导弹计划所需重要物项概览



缩写：CNC，计算机数字控制；EMP，电磁脉冲；GNSS，全球导航卫星系统；HMX，高熔点炸药(又称环四亚甲基四硝胺)；HTPB，端羟基聚丁二烯；MMH，单甲基肼；RDX，旋风炸药(又称黑索今)；SAFF，保险、解保、引信和起爆；SP，固体推进剂；UDMH，不对称二甲基肼；

- 詹姆斯·马丁不扩散研究中心评估认为，朝鲜民主主义人民共和国使用滚压成型工艺来加工火星-11/KN23 系列短程弹道导弹和“600 毫米超大型火箭”/KN-25 的金属弹体。
- 在金正恩访问的背景中可以看到计算机数控机床，尤其是在 Kanggye 牵引车厂和 Thaesong 机械厂，后者拥有一台五轴计算机数控机床，据詹姆斯·马丁不扩散研究中心评估，该机床为外国制造。

注：另见 S/2014/253。据了解，朝鲜民主主义人民共和国还在寻求与使用这些物项/机器有关的正式和隐性知识。

资料来源：专家小组；S/2014/253；与智囊团和会员国协商；以及美利坚合众国政府于 2020 年发布的关于朝鲜民主主义人民共和国采购弹道导弹的咨询意见。图中的采购案例见 S/2019/691，第 80 段和附件 32；S/2020/151，附件 66；S/2020/840，附件 6；S/2021/777，第 21 段；和 S/2022/132，第 26、29 和 30 段。

建议

38. 专家小组建议更新对国家宇宙开发局(KPe.029)的指认，以反映其新名称：国家航空航天技术局。
39. 专家小组建议根据安全理事会第 2094(2013)号决议第 27 段和第 2270(2016)号决议第 43 段指认朝鲜民主主义人民共和国导弹总局。
40. 专家小组建议会员国继续调查 Choe Chol Min 和 Choe Un Jong 的活动，并在必要时酌情执行安全理事会第 2270(2016)号决议第 13 和 14 段的规定。
41. 专家小组鼓励会员国加倍努力，防止向朝鲜民主主义人民共和国供应违禁物项，并在监测可能属于安全理事会第 2270(2016)号决议第 27 段“全面控制”规定范围的交易时，考虑到图八中的信息。

技术无形转让和朝鲜民主主义人民共和国大学的活动

42. 专家小组继续调查安全理事会第 2321(2016)号决议第 11 段所涵盖活动领域的无形技术转让。
43. 9 月，金正恩访问了俄罗斯联邦符拉迪沃斯托克的远东联邦大学(见附件 24)。对于专家小组的询问，俄罗斯联邦答复说，该大学与朝鲜民主主义人民共和国机构之间没有学术交流，唯一的学生是学习人文学科的领事官员子女(见附件 25)。
44. 朝鲜民主主义人民共和国媒体宣布，平壤机械工程和墨西哥美洲大学于 9 月签署了友好合作协议(见附件 26)。对于专家小组的询问，该大学答复说，它已于 12 月取消了协议(见附件 27)。
45. 关于一名朝鲜民主主义人民共和国研究员自 2020 年以来受雇于瑞典一家研究所的事件，²⁹ 瑞典移民局通知专家小组，该研究员已离开瑞典(见附件 28)。

三. 部门制裁和海上制裁

精炼石油供应³⁰

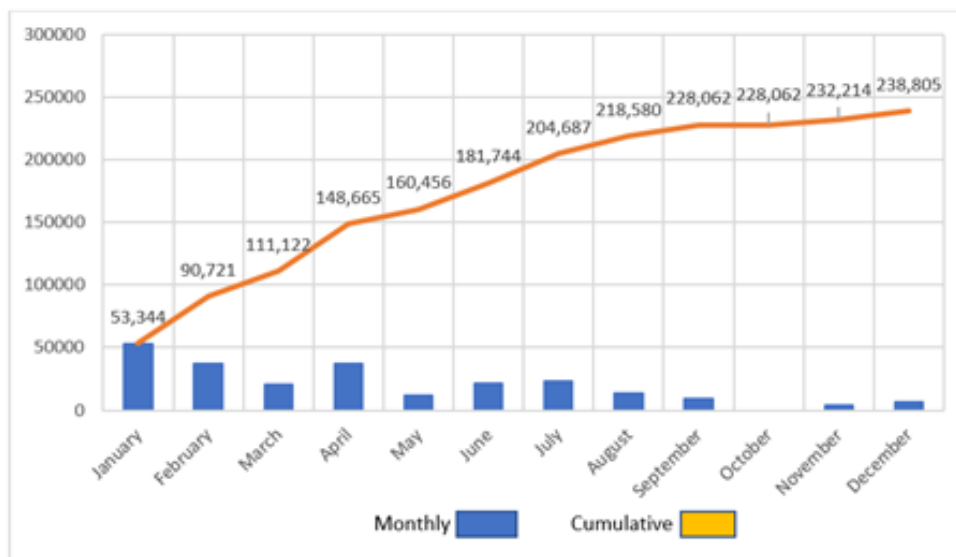
46. 截至 12 月底，两个会员国已向委员会正式报告了 2023 年 50 万桶精炼石油产品年度上限许可量的约 48%(见图九)。

²⁹ S/2023/656，第 26 段和附件 26。

³⁰ 本节及附件中的资料，包括与船只有关的资料，如船旗和所有权，是截至 11 月或截至向专家小组提供资料的任何日期的相关资料。本节及附件中的资料可能无法获取海事组织全球综合航运信息系统或其他海事数据库的最新信息，这些数据库可能包含后来输入的追溯性信息。

图九

正式向委员会报告的 1 月至 12 月向朝鲜民主主义人民共和国运送的精炼石油产品(桶数)



资料来源：专家小组和 www.un.org/securitycouncil/sanctions/1718/supply-sale-or-transfer-of-all-refined-petroleum。

47. 11月21日，55个会员国致函委员会，要求采取行动，因为向朝鲜民主主义人民共和国运送石油的上限已被突破。根据该报告，在朝鲜民主主义人民共和国注册的油轮在2023年1月1日至9月15日期间向南浦港(大部分)、兴南港、清津港和松林港运送了87批精炼石油。会员国估计，如果满载(占其载重吨位的90%)，有关船只到9月15日将已交付1 523 381桶精炼石油产品。如果按载重吨位的60%计算，到9月15日将已交付1 015 588桶精炼石油产品(见附件29)。委员会两名成员不同意委员会采取行动的提议，理由是报告的结论缺乏确凿证据(见附件30)。

48. 根据该信，专家小组审查了会员国的分析(见附件31)。专家小组还指出，它目前无法区分向委员会报告的合法运送精炼石油产品活动与非法运送活动。该信记录的87次运送中，有些可能已向委员会报告。

非法海上活动

49. 朝鲜民主主义人民共和国及其协助者继续综合使用各种混淆视听的方法逃避制裁。使用非国际海事组织编号的小型沿海船只在油轮之间转运石油货物，大大增加了追踪和查明船对船石油供应链的难度。

50. 朝鲜民主主义人民共和国的油轮继续走私精炼石油(见附件29)。根据海事数据库的记录，其中一些油轮比往年向南行驶得更远。例如，专家小组跟踪到被指认的朝鲜民主主义人民共和国油轮“Chon Ma San”号(海事组织编号：8660313)以“Chong Du Sa”号的名义航行，在3月至10月期间几乎每月都通过东海向南航行，这对朝鲜民主主义人民共和国油轮来说是不寻常的，之后在台湾海峡失去自

动识别系统信号传输(见附件 32)。鉴于专家小组以往关于“Chon Ma San”号进行船对船移交活动的记录，该船极有可能是为装载非法石油货物而航行。据报，“Chon Ma San”在 2023 年四次在南浦港运送石油货物(见附件 29)。

51. 据一会员国称，在 2023 年 4 月至 9 月期间，朝鲜民主主义人民共和国油轮主要向南穿越台湾海峡(见表 2，黄色高亮部分)的频率增加，每月 4 至 5 次，而不是像前 6 个月那样每月零次至 5 次。专家小组评估认为，这可能表明，朝鲜民主主义人民共和国油轮的交易模式改为到更远的地方接收石油货物，因为前外国直接交货船只³¹数量不断减少，而专家小组 2020 年首次报告的此类船只很多。³²“Unica”号(海事组织编号：8514306)和“New Konk”号(海事组织编号：9036387)是继续支持朝鲜民主主义人民共和国非法采购活动的两艘外国直接交货船只，据一个会员国报告，这两艘船可能因发动机问题，在 2023 年第二和第三季度有一段时间无法运营。

表 2
4 月 1 日至 9 月 15 日通过北纬 32 度以南的朝鲜民主主义人民共和国油轮

DPRK tankers south of 32N					
April	May	June	July	August	September
CHON MA SAN	CHIL BO SAN	CHIL BO SAN	CHOL BONG SAN 1	WO SHUN	RON PHUNG
UN HUNG 8	HAI JUN (ASABONG)	CHON MA SAN	NAM DAE BONG	SIN PHYONG 2	AN SAN 1
WO SHUN	SONG WON	CHOL BONG SAN 1	UN HUNG 8 (YUN HONG 8)	CHOL BONG SAN 1	CHIL BO SAN
CHOL BONG SAN 1	CHON MA SAN		WO SHUN	SAM MA	UN HUNG 8 (YUN HONG 8)
CHIL BO SAN	SIN PHYONG 11			RON PHUNG	
HAI JUN (ASABONG)				SIN PYONG 5	

资料来源：会员国。

52. “Unica”号和“New Konk”号都继续循环使用以前报告的伪造识别信息。附件 33 说明了朝鲜民主主义人民共和国其他船只使用伪造识别信息或使用以前识别信息的情况。

53. 除继续非法进口精炼石油外，朝鲜民主主义人民共和国还继续从海上进口其他非法物项。专家小组继续调查原产于朝鲜民主主义人民共和国的煤炭(见 S/2023/656，第 72-74 段)和其他商品的海上出口。该国继续通过购买更多的外国船只来加强其船队，而向朝鲜民主主义人民共和国出售这些船只(旧船和新船)是被禁止的。

受影响水域

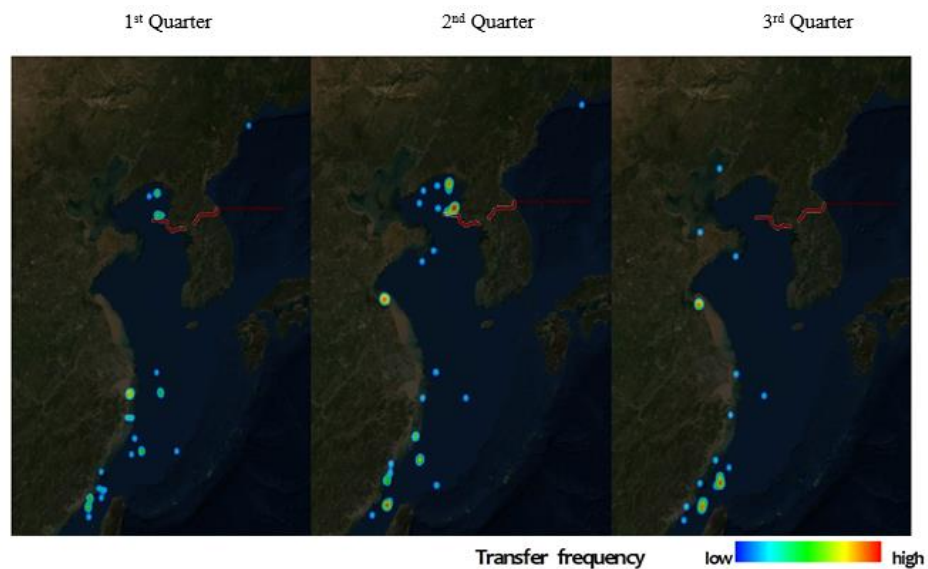
54. 2023 年非法船对船移交区域总体上与 2022 年保持一致(见图十和十一)，2023 年第二季度活动集中在朝鲜湾地区。大多数船对船移交仍在领水内进行。2023 年的船对船移交不太集中在西海拦河坝地区，而集中在更南部。

³¹ 该术语用于描述在冠状病毒病(COVID-19)大流行之前在该国港口交付精炼石油的非朝鲜民主主义人民共和国油轮。

³² S/2020/151，第 10-27 段。

图十

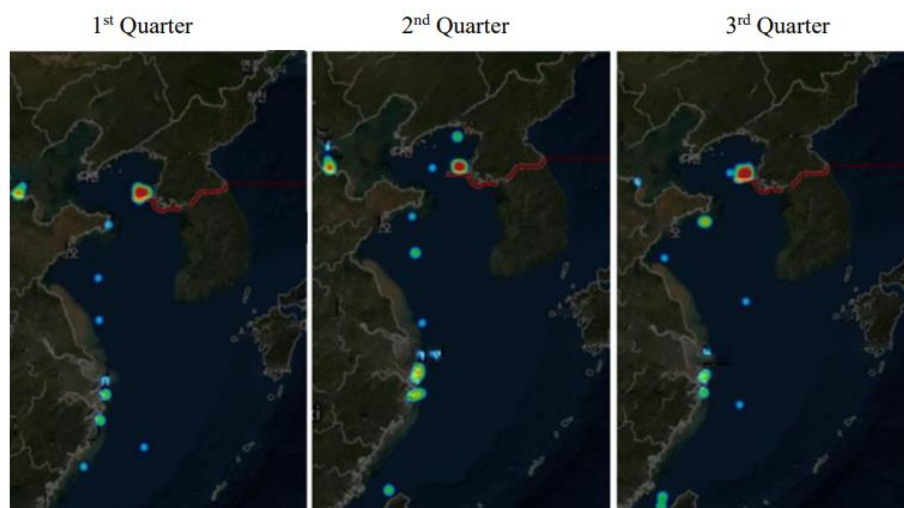
2023 年朝鲜民主主义人民共和国非法船对船移交区域



资料来源：会员国。

图十一

2022 年朝鲜民主主义人民共和国非法船对船移交区域



资料来源：会员国。

逃避海上制裁的方法

55. 多年来，专家小组观察到朝鲜民主主义人民共和国及其协助者为逃避制裁而使用的各种逃避技术发生演变。

56. 了解和监测这些指标，再加上基于风险的方法，将有助于遵守制裁和打击逃避制裁的行为。专家小组在长期调查中观察到的主要逃避方法如下。

操纵识别信息和自动识别系统

57. 专家小组继续观察到可疑船只在自动识别系统上发送伪造或不一致的识别信息，并报告虚假目的地。从事限制或违禁商品交易和自动识别系统传输信号有偏差的可疑船只继续在非法船对船活动通常发生的水域及其周围航行。这些指标可为相关的公共和私营部门当事方提供理由，进一步调查其悬挂船旗、租用、经营、投保、入级或资助的船只。

58. 根据商业海事数据库平台，在该国水域发射自动识别系统信号的非朝鲜民主主义人民共和国船只似乎即便有的话，也很少。据观察，可疑船只在驶向朝鲜民主主义人民共和国时，会停止发送自动识别系统信号，并在返回非朝鲜民主主义人民共和国水域时重新发送。为掩盖与朝鲜民主主义人民共和国的联系，同谋者还伪造货运单据，隐瞒货物的原产地或目的地。

位置篡改

59. 共谋者利用各种日益复杂的欺骗式干扰技术篡改船只位置。专家小组观察到的船舶欺骗式干扰行为涉及使用另一艘船的标识发送虚假位置数据，使其看起来在另一个地点。最近，可疑船只使用了一种更复杂的位置篡改形式，即地理位置欺骗，故意传输虚假的全球导航卫星系统信号，使船只提供错误的时间和位置信息，从而显示出现在其他地方。

避免被发现的其他措施

60. 可疑船只在黑暗中(黎明或黄昏)在海上进行船对船移交，以避免被轻易发现。据了解，这些船只还进行较短时间的船对船移交，在移交过程中停止发送自动识别系统信号，使用暗语或屏蔽自动识别系统信号，以掩盖其活动。

船只身份洗白

61. 除篡改船只数字身份外，专家小组还记录了几起复杂的船只身份洗白案件，这些案件基本上涉及身份交换技术，即以前没有进行受制裁活动记录的“干净”船只将其数字身份交给“脏”船，使后者能够继续逃避制裁。为此，“干净”船舶进行了实际改装，并以虚假借口冒充新造船舶，以获得不同的海事组织编号，从而以不同船舶身份航行。这样一来，“干净”船舶就会在海事数据库中留下其原有的自动识别系统资料，供“脏”船调换。

62. 这种精心设计的手段被用来为无法再使用其指定识别码航行的前直接交货船只释放被洗白的身份。由于这些空置的自动识别系统档案不再与实体船只绑定，不止一艘船可以使用同一自动识别系统数字档案，从而使船舶识别更加复杂。

船只伪装

63. 朝鲜民主主义人民共和国的许多船只和可疑船只没有采用复杂和费时的船只伪装，而是改变了其外观，从用不同的识别标志覆盖船名和海事组织编号，到改变船只的配色方案，使其看起来不同。

改装货船

64. 众所周知，朝鲜民主主义人民共和国会掩盖船只类型，通过非法改装一些货船来运输石油产品。货船和油轮之间的这种船对船移交会被误认为是加油，而不是运输石油货物(见附件 34)。

挂旗

65. 从事应受制裁活动的悬挂外国国旗的船只被记录为悬挂假旗(见第 67 段)或未经适当授权悬挂国旗。其他一些情况是这些船舶在从船舶登记册中除名后继续使用一国的国旗。据了解，可疑船只还接二连三地更换船旗注册国(“跳旗”)，或利用船旗的临时登记状态从事非法活动。

66. 悬挂不明船旗和从事非法贸易的有关船只被怀疑在朝鲜民主主义人民共和国的控制之下。在其他情况下，这些船只只悬挂朝鲜民主主义人民共和国国旗，但其船旗状态在很晚的阶段才得到更新。

船舶欺诈登记/欺诈登记机构

67. 声称经一国海事当局授权的实体签发了虚假的船舶登记证书。在其他情况下，船舶悬挂的是没有国际登记机构的国家的国旗。

伪造证件

68. 为掩盖与朝鲜民主主义人民共和国的联系，共谋行为体伪造运输文件，以隐瞒船舶身份或隐瞒货物的来源地或目的地。伪造文件行为包括使用完全伪造的文件到部分伪造的文件或仅仅使用旧的运输文件。

精炼石油的多级转运

69. 为使对朝鲜民主主义人民共和国精炼石油供应链的调查更加复杂，石油货物使用不同船只多阶段转运。为了增加追查其监管链的难度，在这些移交中有时还使用非海事组织编号的船只。

所有者、经营者和管理者

70. 共谋行为体继续欺骗和利用多个管辖区的航运公司、公司注册服务部门、实体和个人，为朝鲜民主主义人民共和国的非法活动提供便利。

71. 利用空壳公司和现成公司、³³ 公司分层和利用多个中间人的做法仍在继续。

72. 据了解，共谋行为体不向海事组织提交最新的所有者和管理信息。其他特征包括复杂的所有权和管理结构，使用幌子公司和空壳公司，以及与实际所有者分离的多个中介机构。

73. 使用公司秘书服务提供商或注册代理人作为联络点的情况很普遍。在注册记录中，经常出现遗弃(无法联系)的不同所列电子邮件，或所列邮件为雇员个人电子邮件。

³³ 见 www.fatf-gafi.org/content/dam/fatf-gafi/reports/FATF-Egmont-Concealment-beneficial-ownership.pdf (第 58-60 页)和 <https://home.treasury.gov/system/files/136/2022-National-Money-Laundering-Risk-Assessment.pdf>。

74. 在追踪可疑船只的所有权和管理历史时，一些船只显示出其历史和当前所有者和/或管理者之间的商业关系、联系或共用的公司秘书地址。在若干情况下，前管理人员与朝鲜民主主义人民共和国相关航运网络有联系。

75. 在一些情况下，船舶管理公司管理或曾经管理过具有类似风险状况的其他船舶。船只的注册所有人可能在不同的司法管辖区注册，但其经营地址一般都在亚洲。

76. 船只注册所有权的变更通常发生在进行受制裁的活动前。

船只购置情况

77. 朝鲜民主主义人民共和国继续购置船只，主要是货船。该国及其协助者利用买卖船只的商业惯例，包括利用中间商、经纪人和额外转售，掩盖船只买卖。专家小组强调，这些船只在转让给朝鲜民主主义人民共和国所有之前，最后国旗国或船主居住地的管辖当局提供的信息十分重要。

贸易统计和海关问题

朝鲜民主主义人民共和国贸易统计分析

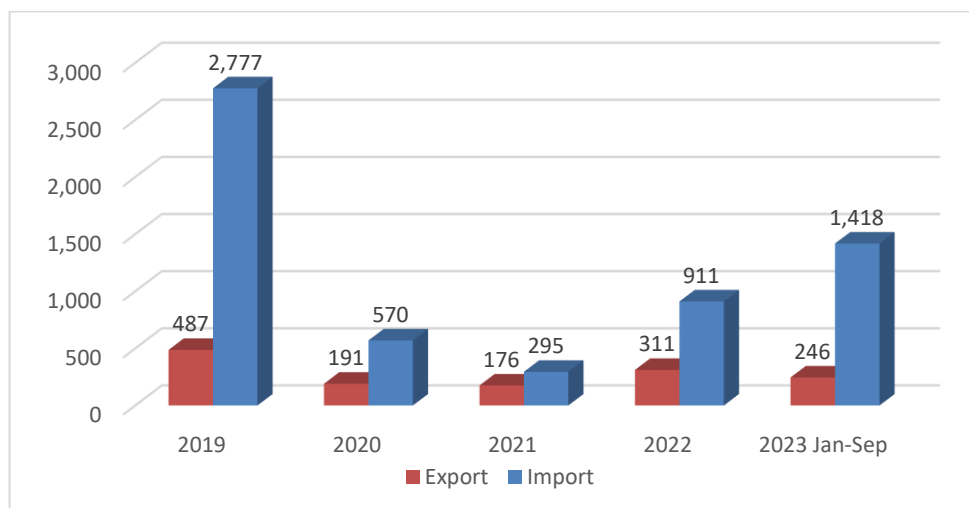
78. 现有数据显示，³⁴、³⁵ 2023 年朝鲜民主主义人民共和国有记录的贸易总量超过了 2022 年总量，而该年前三季的贸易量达到 2019 年贸易总量的 51% 左右(见图十二)。2023 年第三季度的贸易量是 2019 年同期贸易量的 76%，是 2022 年同期贸易量的 186%。

³⁴ 截至 2024 年 1 月 1 日的朝鲜民主主义人民共和国总体贸易统计数据涵盖截至 2023 年 9 月的期间。随着更多会员国向国贸中心贸易地图等相关贸易统计平台报告与朝鲜民主主义人民共和国的贸易，这些统计数据将继续变化。

³⁵ 专家小组注意到，在公布的贸易数字中有国家代码错误的情况(见第 83 段)。

图十二
2019-2023 年朝鲜民主主义人民共和国贸易记录

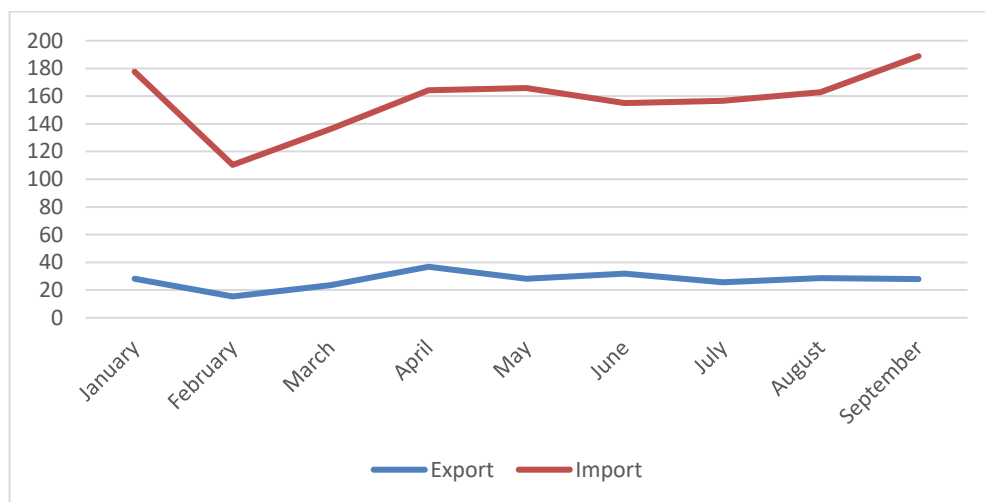
(百万美元)



资料来源：国际贸易中心贸易地图，2024 年 1 月 1 日访问。

图十三
朝鲜民主主义人民共和国贸易统计，1 月至 9 月(月度)

(百万美元)



资料来源：国际贸易中心贸易地图，2024 年 1 月 1 日访问。

79. 2023 年前 9 个月，朝鲜民主主义人民共和国约 98% 的贸易是与中国进行的。³⁶ 据报告，到 2023 年秋季，³⁷ 与俄罗斯联邦的贸易额增加到 2 800 万美元。^{38、39、40}

80. 统计数字不包括朝鲜民主主义人民共和国非法进出口的货物，如精炼石油、煤炭和其他货物(见第 47 和 48 段)。

部门禁令监测

81. 专家小组继续监测朝鲜民主主义人民共和国的违禁进出口。⁴¹ 为此目的使用的协调制度编码列于附件 38。本报告所载资料涵盖 4 月至 9 月期间。

82. 根据国际贸易中心的国家贸易数据记录，一些贸易货物似乎属于受制裁类别。专家小组向相关的 18 个会员国询问了与朝鲜民主主义人民共和国的交易情况，包括拒绝清关申请、货物检查或扣押货物的详细情况(见附件 36)。其中 5 个会员国作了答复。⁴² 关于专家小组对涉嫌进口卡车和拖拉机的调查，见附件 37。

83. 大多数作出答复的会员国表示，没有记录与朝鲜民主主义人民共和国的贸易活动，贸易统计数字主要是由于在报关过程中错误使用了国家代码(见附件 39)。一个会员国表示，有关货物出于人道主义理由获得豁免(见附件 40，OC.359)。

建议

84. 专家小组强调其先前的建议，即：

(a) 国际标准化组织和会员国应采取适当措施，包括向各自海关当局开展外联活动，以防止错误使用国家代码；

(b) 会员国利用专家小组的违禁商品非正式清单(见附件 38)作为辅助材料，精简其进出口管制清单；

(c) 会员国海关当局利用上述清单通知其管辖范围内的贸易代理人进行尽职调查，特别是在受制裁管辖范围附近处理此类商品时；

³⁶ 2023 年前三季度，朝鲜民主主义人民共和国的贸易总额为 16.6 亿美元，其中与中国的贸易额达到 16.3 亿美元(见 www.nknews.org/2024/01/north-korean-trade-with-china-doubles-in-2023-to-highest-since-pandemic)。

³⁷ 俄罗斯联邦于 2022 年 4 月停止发布其官方贸易数据，专家小组要求俄罗斯联邦提供相关资料。

³⁸ 见 www.nknews.org/2023/11/russian-delegation-departs-pyongyang-after-meeting-north-korean-prime-minister。

³⁹ 见 <https://beyondparallel.csis.org/dramatic-increase-in-dprk-russia-border-rail-traffic-after-kim-putin-summit>。

⁴⁰ S/2023/171，第 123 段；S/2023/656，第 96 段。

⁴¹ 会员国对上一个报告期的答复见附件 35。

⁴² 根据现有统计数据，30 个会员国报告了与朝鲜民主主义人民共和国的贸易，其中 18 个国家与该国有受限制的协调制度编码商品贸易。

(d) 对于在理解和执行部门禁令方面需要援助的会员国，委员会考虑开展信息外联活动。

奢侈品禁令的执行情况

85. 2023 年对外贸易的增加(见第 78 和 79 段)促使种类越来越多的外国商品重新出现在朝鲜民主主义人民共和国，其中一些可被归为奢侈品(见图十四)。

86. 2023 年前三季度朝鲜合作伙伴的贸易统计数据⁴³ (见第 78 段)显示，协调制度编码为 42、52、57、61、64、90、91 和 92 的进口消费品数量增加，这些商品类别可能包括可归为奢侈品的物品。⁴⁴ 区域中转区被怀疑是这类商品进口的渠道之一。⁴⁵ 一个智囊团估计，2023 年上半年朝鲜民主主义人民共和国进口的奢侈品达到 4 064 万美元。⁴⁶

图十四

2023 年夏季，平壤黄金广场商店的奢侈品柜台



资料来源：专家小组。

87. 专家小组监测到大量新的外国机动车辆出现在朝鲜民主主义人民共和国(见图十五)。11 月和 12 月，看到金正恩和高级官员使用一辆显然全新的梅赛德斯-奔驰迈巴赫 GLS 600 运动型多用途车和一辆迈巴赫 S650 轿车，同时首次看到另

⁴³ 国际贸易中心贸易地图。

⁴⁴ 见 www.nknews.org/pro 和附件 91。

⁴⁵ 例如见 www.nknews.org/pro。

⁴⁶ 见 http://world.kbs.co.kr/service/contents_view.htm?lang=e&menu_cate=northkorea&id=&board_seq=447742&page=1&board_code=。

一辆迈巴赫。⁴⁷ 11月还出现了一辆雷克萨斯 LX 运动型多功能车(2022年发布)和两辆福特全顺面包车(2021年后生产)。⁴⁸ 12月在平壤拍摄到新的豪华车,其中有奔驰和雷克萨斯品牌⁴⁹ (见附件 41)。专家小组要求有关行为体提供资料。

88. 丰田公司答复说,图片中的车辆似乎是雷克萨斯 LX 600 或雷克萨斯 LX 500d (见图十五.D), 2021年12月以后在日本制造(见附件 43)。

图十五

11月和12月所摄显然是新车的图像

A.



B.



⁴⁷ 见 www.nknews.org/2023/11/kim-jong-un-appears-to-import-luxury-maybach-lexus-suvs-despite-sanctions。

⁴⁸ 见 www.nknews.org/2023/12/kim-jong-un-appears-with-new-ford-vans-in-rare-endorsement-of-american-brand。

⁴⁹ 见 www.nknews.org/2023/12/kim-jong-un-appears-to-reward-top-officials-with-luxury-mercedes-cars。

C.



D.



E.



F.



G.



资料来源：朝鲜中央电视台、朝鲜中央通讯社、《朝鲜新闻》和 <https://m.posts.careerengine.us/p/658d2cc9311dd31682755e0f>。注释来自原始媒体资料。

89. 专家小组调查了 12 月发布的一份报告，⁵⁰ 报告称有人企图通过第三国将一辆雷克萨斯汽车(价值 1 000 万日元)走私到朝鲜民主主义人民共和国。经销商声称另一个第三国是最终目的地。日本在答复专家小组的请求时表示，“很难……提供有关此案的任何信息，因为提供此类信息可能会妨碍警方今后的调查”(见附件 42)。

90. 专家小组调查了附有朝鲜民主主义人民共和国高级官员使用迪奥手提包等奢侈品牌物品照片的媒体报道(见图十六)。⁵¹ 克里斯汀迪奥时装回复称，该包“可能是‘Sac Lady Dior Large’ cuir de veau cannage ultramatte noir”包，于 2019

⁵⁰ 见 <https://www.asahi.com/articles/ASRD74HPKRD7OXIE001.html>。于 2024 年 2 月 2 日访问。

⁵¹ 见 www.koreaherald.com/view.php?ud=20230917000117 和 www.nknews.org/2023/09/north-koreas-foreign-minister-totes-10k-ostrich-leather-gucci-bag-in-russia。

年 2 月首次出售(见附件 44)，并指出无法确认真伪。专家小组继续调查可能向朝鲜民主主义人民共和国非法供应奢侈品的网络。

图十六

2023 年 9 月，朝鲜民主主义人民共和国代表团一名成员被拍到拿着据称由迪奥生产的手袋



资料来源：朝鲜中央通讯社和 www.thepost.co.nz/a/world-news/350078343/kims-bag-ladies-privileged-set(注释来自原始媒体资料)。

建议

91. 考虑到最近通过第三国转运到朝鲜民主主义人民共和国的奢侈品增加，专家小组建议会员国敦促参与出口奢侈品和品牌商品的实体在安排运往该区域和通过转口区运输时提高警惕。
92. 专家小组建议会员国鼓励奢侈品出口商在合同中列入禁止向朝鲜民主主义人民共和国转运货物的条款。
93. 专家小组再次建议会员国考虑更新出口管制清单，以符合安全理事会第 1718(2006)、1874(2009)、2094(2013)、2270(2016)和 2321(2016)号决议目标的方式反映违禁奢侈品清单，同时避免不必要地扩大清单范围，不限制向平民供应未受禁止的货物，并且不产生负面的人道主义影响。

四. 禁运、被指认的个人和实体以及海外工人

禁运

Global Communications 公司 (Glocom)

94. 专家小组自 2017 年以来一直在调查 Glocom。⁵² 一会员国重申，Glocom 公司坚持出售朝鲜民主主义人民共和国制造的军用电信设备，该会员国还指认了

⁵² S/2017/150，第 77、79 和 85 段。

几名有关联的朝鲜民主主义人民共和国国民。⁵³ 截至 1 月 26 日，Glocom 的商业网站(<https://glocom-corp.com>)仍在运行。根据媒体报道，⁵⁴ 总部位于美国的隐私保护商业发展公司(Privacy Protect Business Development)此前已注册了该域名。⁵⁵ 专家小组尚未收到答复。

据称涉及朝鲜民主主义人民共和国军火和有关物资的案例

案例 1

95. 专家小组继续审查斯洛伐克国民 Ashot Mkrtychev 的案件。⁵⁶ 对于专家小组的询问，斯洛伐克当局答复说，他们“没有任何补充资料可以进一步澄清这些说法……在[Mkrtychev]被列入[外国资产管制处]制裁名单后，……银行账户被注销，……账户余额为零，并被禁止任何交易”(见附件 45)。

96. 专家小组注意到，会员国的一份新闻稿称，据报 Mkrtychev 先生⁵⁷ 在三个实体中担任要职，其中包括设在斯洛伐克的 Versor S.R.O. 公司，该公司与据称支持朝鲜民主主义人民共和国和俄罗斯联邦之间军火交易的逃避制裁网络有关联。专家小组尚未收到多个会员国的答复。调查仍在继续。

案例 2

97. 专家小组没有收到关于会员国和媒体先前报道朝鲜民主主义人民共和国被指控通过铁路向俄罗斯联邦转让武器的新信息。⁵⁸

案例 3

98. 据称，乌克兰部队在 6 月下旬和 7 月对俄罗斯部队使用了朝鲜民主主义人民共和国的多管火箭炮系统。⁵⁹ 乌克兰军事人员声称，这些火箭是一个“友好”国家从一艘船上“缴获”的，然后才运到乌克兰，而乌克兰国防部的一名官员随后评论说，这些火箭是从俄罗斯部队那里缴获的(见附件 46)。专家小组尚未收到乌克兰对其询问的答复。

案例 4

99. 10 月 6 日，一个会员国向专家小组提供了卫星图像，显示 9 月 7 日至 10 月 1 日期间，两艘悬挂俄罗斯国旗的船只“Angara”(海事组织编号：9179842)和

⁵³ 见 www.mofa.go.kr/www/brd/m_4080/view.do?seq=374121&page=1。

⁵⁴ 见 www.nknews.org/pro/north-korea-linked-firm-offering-expanded-range-of-radio-hardware-online。

⁵⁵ S/2022/132，第 137 段。

⁵⁶ S/2023/656，第 91 和 92 段。

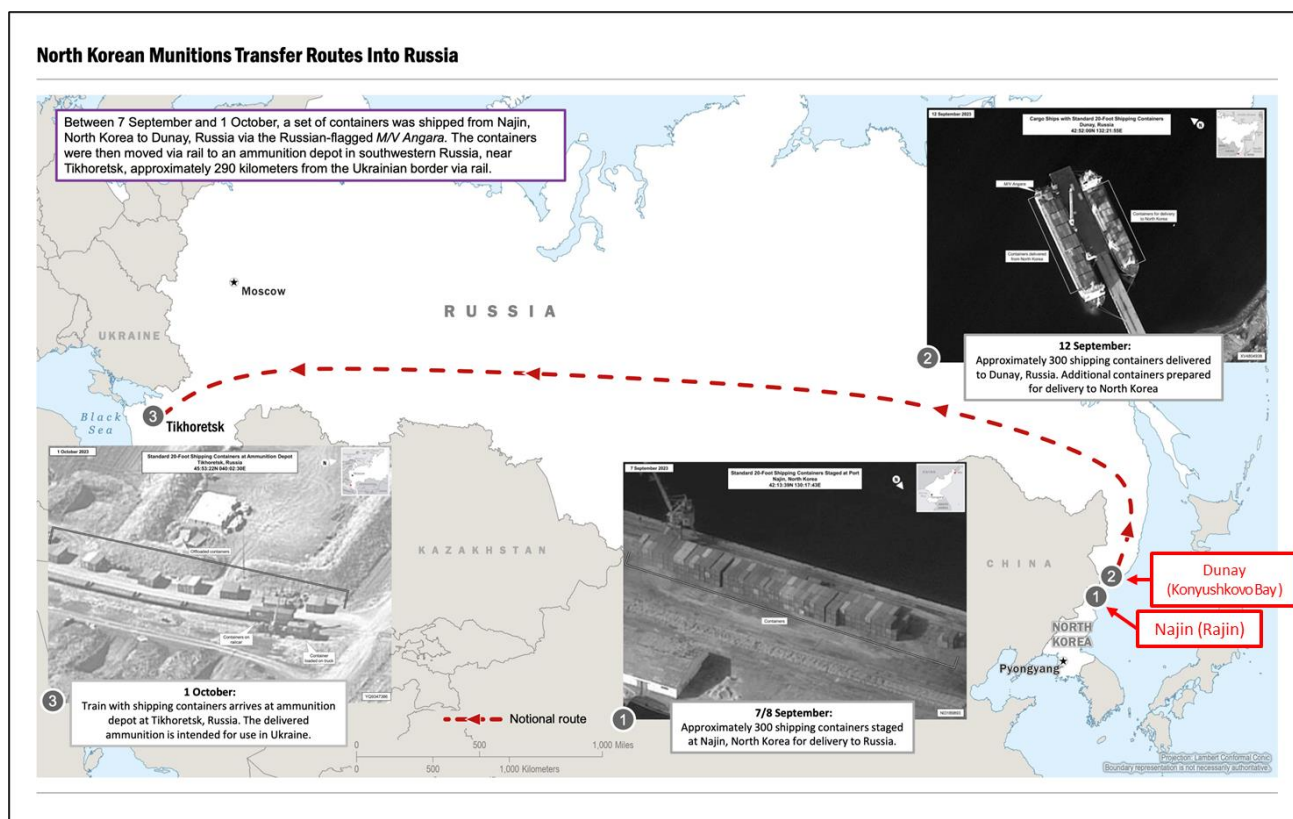
⁵⁷ 见 <https://home.treasury.gov/news/press-releases/jy1697>。

⁵⁸ 关于一个会员国的一名高级官员在 2022 年指控朝鲜民主主义人民共和国用有轨车向俄罗斯联邦出口弹药、俄罗斯联邦的否认以及专家小组调查的初步结果，见 S/2023/171，第 122 段；S/2023/656，第 96 段。

⁵⁹ 见 www.ft.com/content/96e1f526-ae3d-4cff-bc37-8f9dd7d5975f。

“Maria” (旧称 “Lev Yashin”)(海事组织编号: 8517839)将集装箱从朝鲜民主主义人民共和国的罗津港⁶⁰ 运往俄罗斯远东地区的杜奈海港(见附件 47)。虽然这些图像没有显示集装箱内的物品,但该会员国报告说,集装箱是通过铁路运往俄罗斯联邦西南部 Tikhoretsk 附近的一个据称是弹药库的地方,该地距离乌克兰边界约 180 英里(290 公里)(见图十七)。

图十七



资料来源: 会员国, 专家小组附加说明。

100. 10月13日, 一个会员国的一名高级官员说: “我们的情报显示, 最近几周, [朝鲜民主主义人民共和国]向俄罗斯提供了 1 000 多个集装箱的军事装备和弹药”。⁶¹

⁶⁰ Rajin(罗津港)也被称为 Najin。

⁶¹ 见 <https://thehill.com/homenews/administration/4254660-white-house-north-korea-provided-russia-military-equipment-munitions>。

101. 1月9日,第二个会员国提供了更多地图和图像,说明9月至12月期间朝鲜民主主义人民共和国与俄罗斯联邦之间继续转让物资的情况(见附件48)。该会员国指出,虽然集装箱内物品不明,但俄罗斯军事人员在社交媒体上发帖称,乌克兰境内有朝鲜民主主义人民共和国的弹药。⁶²
102. 11月11日,俄罗斯联邦外交部一名代表否认了美国关于进口朝鲜民主主义人民共和国武器的指控(见附件49)。
103. 根据现有资料,8月下旬至12月期间,在卫星图像上观察到至少有四艘悬挂俄罗斯国旗的船只(“Angara”号、“Maria”号、“Lady R”号和“Maia-1”号)在俄罗斯联邦和朝鲜民主主义人民共和国之间运输集装箱(见表3)。至少有一艘其他船只也可能参与其中。

表3
船只特征总结

船只名称	海事组织编号	类别	长度和宽度	自动识别系统信号
“Angara”号	9179842	滚装船	126.850米×20米	8月10日以来无信号(科尔萨科夫近海)
“Maria”号 (旧称“Lev Yashin”号)	8517839	杂货船	113米×18.9米	自9月13日以来无信号(符拉迪沃斯托克近海)
“Lady R”号	9161003	滚装船	121.66米×18.7米	10月2日(东方港近海)至11月8日(符拉迪沃斯托克近海)无信号
“Maia 1”号	9358010	杂货船	138米×21米	自10月24日以来无信号(东方港近海)

资料来源:Windward。

104. 专家小组正在等待对几项询问的答复。
105. 专家小组的调查结果主要侧重于商业卫星图像显示的8月1日至11月30日期间与“Angara”号有关的活动。关于“Angara”号的活动情况,见附件50。
106. 根据海事数据库,“Angara”号目前的注册所有人是M租赁有限责任公司(税务识别号:9701173086)。“Angara”号目前由海洋运输有限责任公司(税务识别号:3025037914)管理和运营(见附件51)。⁶³

⁶² 其他一些会员国、智囊团和媒体也报道了这一问题。例如见 <https://rusi.org/explore-our-research/publications/commentary/report-orient-express-north-koreas-clandestine-supply-route-russia>、www.nknews.org/pro/major-russian-container-port-tied-to-alleged-north-korea-weapons-trade-imagery 和 <https://beyondparallel.csis.org/activity-at-najin-points-to-continued-dprk-russia-arms-transfers>。

⁶³ 一个会员国指认了 Angara、M 租赁有限责任公司和海洋运输有限责任公司。第二个会员国也指认了 M 租赁有限责任公司(见附件51)。一些消息来源表明, Angara 号以前曾运输过武器(见附件51)。

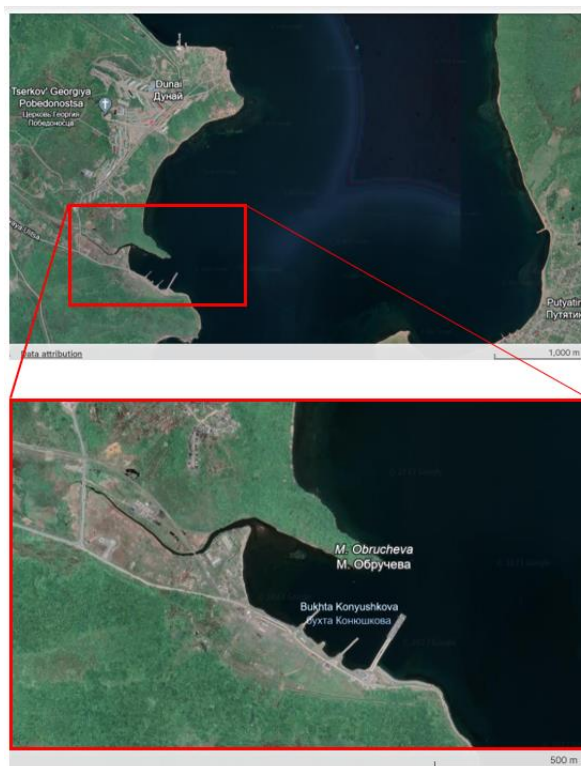
107. 根据商业海事数据库,“Angara”号大约于8月5日抵达科尔萨科夫港,其自动识别系统于8月10日停止传输其位置。截至2024年1月26日,尚未恢复传输(见附件51)。

“Angara”号停靠杜奈港(科纽什科夫湾)

108. 根据附件47所载资料,8月21日“Angara”号开始了杜奈港和朝鲜民主主义人民共和国罗津港之间的一系列往返:“Angara”号从杜奈港出发,运载了大约250个20英尺集装箱,于8月25日将其运到罗津。然后,“Angara”号于8月28日空箱返回杜奈。附件50显示,港口是杜奈港以南的科纽什科夫湾(见图十八),是俄罗斯海军使用的港口(见附件52)。附件50中的资料显示,“Angara”号另外多次前往科纽什科夫湾和罗津。

图十八

杜奈和科纽什科夫湾的位置

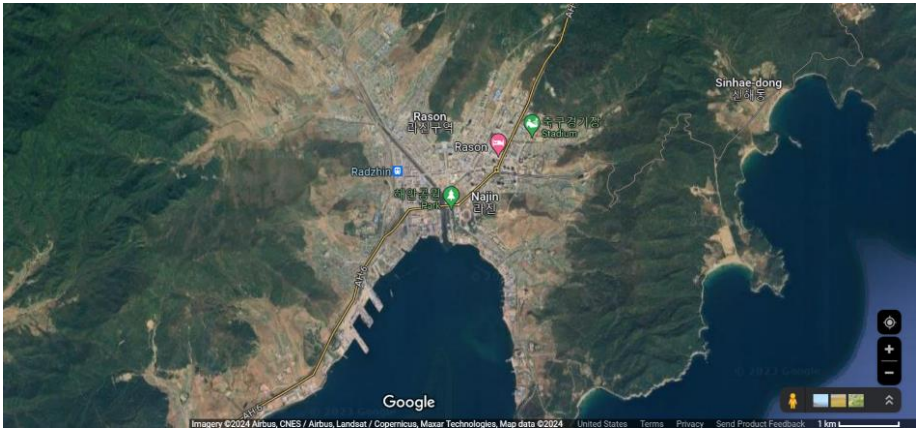


资料来源:谷歌地球,2024年1月6日访问。

“Angara”号停靠在罗津港

109. 罗津港口有三个码头(见图十九):北部码头(1号码头)供卸载集装箱的船只使用,中部码头(2号码头)用于装载集装箱,南部码头(3号码头)用于卸载从俄罗斯联邦运来的煤炭。有一条铁路线将港口与北面54公里处的俄罗斯边境图们江连接起来。

图十九
罗津港



资料来源：谷歌地图，2024 年 1 月 6 日访问。

110. 作为俄罗斯联邦和朝鲜民主主义人民共和国为出口煤炭而开展的罗津-哈桑港口和铁路项目(2008-2013 年)的一部分，罗津港和通往图们江的铁路线进行了现代化改造。⁶⁴ 安全理事会第 2397(2017)号决议第 16 段规定，通过该港口和铁路项目向其他国家转运俄罗斯产煤炭可获得豁免。
111. 根据会员国提供的资料(见附件 47)，9 月 11 日，“Angara”号在罗津港装载了 300 个集装箱。现有图像显示，9 月 12 日，“Angara”号在科纽什科夫湾装载了集装箱，9 月 14 日基本卸载(见附件 51)。尽管这两个日期之间的覆盖范围有差距，但专家小组认为，根据对“Angara”号航速的计算(见附件 51)，“Angara”号几乎肯定留在那里，尽管专家小组不能排除 9 月 12 日至 14 日期间“Angara”号在俄罗斯港口或附近其他地方卸货的可能性。
112. 在本报告所述期间，“Angara”号数次前往罗津。除了会员国在附件 47 和 48 中记录的图像外，一系列图像似乎显示“Angara”号于 9 月 28 日在科纽什科夫湾装载集装箱，并于 10 月 2 日在罗津港 1 号码头卸载(见附件 53)。
113. 另一系列图像显示，10 月 21 日和 22 日，“Angara”号在罗津港 1 号码头卸载集装箱，10 月 23 日在 2 号码头装载集装箱，然后于 10 月 27 日、28 日和 29 日在科纽什科夫湾卸载和装载集装箱(见附件 53)。
114. 在本报告所述期间，除“Angara”号外，“Maria”号(见表 3 及附件 47 和 48)也在罗津港和科纽什科夫湾之间运输 20 英尺集装箱。例如，10 月 10 日至 16 日，“Maria”号在罗津港 2 号码头装载集装箱，然后在科纽什科夫湾卸载(见附件 54)。

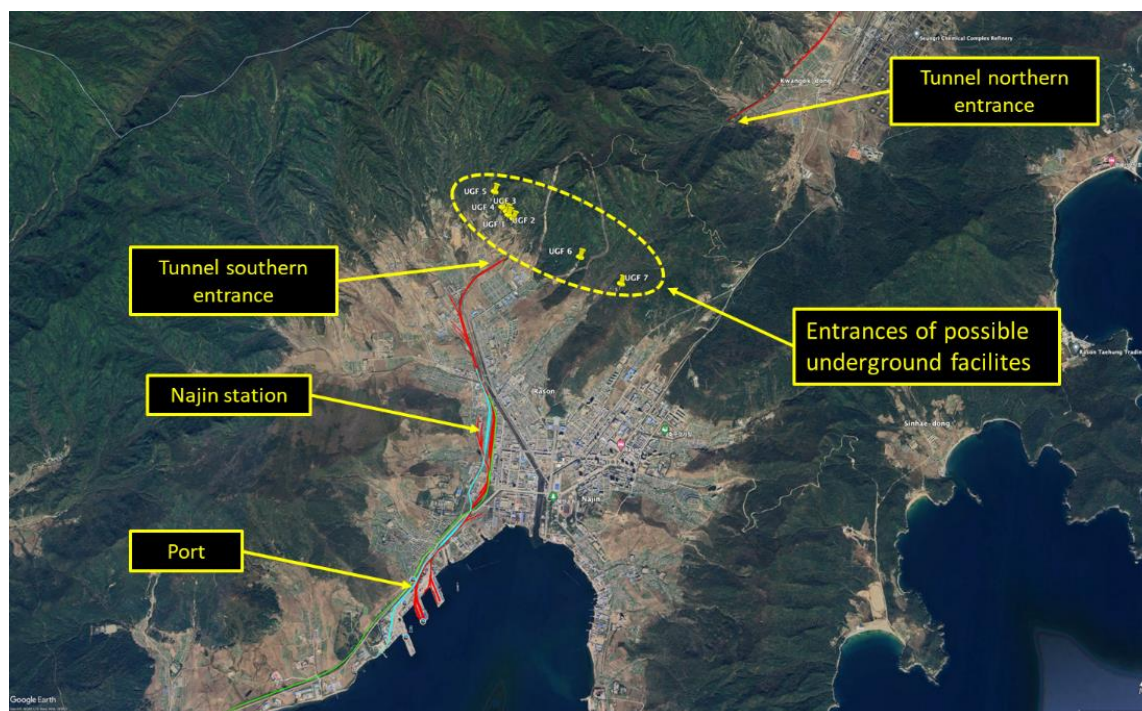
⁶⁴ 见 www.railwaygazette.com/infrastructure/north-korea-rail-link-completed/38707.article。

115. 专家小组注意到，虽然航运集装箱通常不在朝鲜民主主义人民共和国的铁路网上运输，但据媒体报道，“自 9 月以来，与众不同的货运列车载着不同颜色航运集装箱至少出现在罗津港以外的五个地方……”。⁶⁵

116. 专家小组分析了集装箱进出罗津港的可能运输路线。对现有图像的有限分析表明，与前一时期相比，从 9 月开始，在罗津港和北面的罗津站之间，运送集装箱的轨道车的运输量增加，图像上的集装箱顶部通常是彩色的(见图二十)。

图二十

罗津港和罗津站附近的铁路线



资料来源：谷歌地球，2024 年 1 月 6 日访问，专家小组附加说明。

注：从港口向北通过隧道到图们江的铁路线以红色显示，连接车站到更南部目的地的线路以绿色显示。注意隧道一般区域内可能进入地下场址的入口位置。

117. 在罗津站以北约 2.5 公里处，铁路线进入一座山(山顶约 520 米)下的隧道，在山北侧约 3.8 公里处出隧道。这座山的卫星图像显示，南侧有多个 L 形入口，可能通往地下场址(见图二十一和附件 55)。可能存在 L 形地下场址，这可能表明这一地区对朝鲜民主主义人民共和国具有战略重要性。专家小组继续进行调查。

118. 专家小组正在等待俄罗斯联邦对其询问作出答复。

119. 专家小组根据对具体日期卫星图像的检查确定，“Angara”号在科纽什科夫湾和罗津港装卸了 20 英尺集装箱。“Maria”号在罗津装载集装箱，然后在科

⁶⁵ 见 www.nknews.org/pro/north-korean-trains-in-alleged-russia-arms-deal-pass-through-key-weapons-hub。

组什科夫湾卸货。这些观察结果构成了朝鲜民主主义人民共和国与俄罗斯联邦之间货物和物资转移的明确证据。

120. 这些集装箱被运入和运出俄罗斯海军使用的港口。专家小组目前无法确定集装箱内的货物。调查仍在继续。

案例 5

121. 据一个会员国称，2022 年，俄罗斯国民 Pavel Pavlovich Shevelin⁶⁶ 与朝鲜民主主义人民共和国驻大马士革官员(包括被描述为朝鲜矿业发展贸易公司 (KPe.001) 驻阿拉伯叙利亚共和国代表的 Rim Yong Hyok) 谈判，⁶⁷ 为从朝鲜民主主义人民共和国向俄罗斯联邦转让武器提供便利，截至 2023 年 10 月，这一网络仍在活动。另一名俄罗斯国民 Valeriy Yevgenyevich Chekalov⁶⁸ 据报也参与了这一活动。据了解，Shevelin 先生和 Chekalov 先生与瓦格纳集团有关联。⁶⁹ 俄罗斯联邦要求专家小组提供更详细的资料，理由是“需要这些资料来进行彻底调查，澄清所有情况，确定嫌疑人，并在查明充分理由的情况下组织审判”。阿拉伯叙利亚共和国尚未对专家小组的询问作出答复。调查仍在继续。

案例 6

122. 国家和媒体报道表明，哈马斯好战分子可能使用了源于朝鲜民主主义人民共和国的武器⁷⁰ (见附件 56)。朝鲜民主主义人民共和国称这种说法是“毫无根据的虚假谣言”。⁷¹ 对于专家小组的询问，以色列答复说，这些武器系统包括来自朝鲜民主主义人民共和国的 F-7 火箭，哈马斯拥有数十套来自朝鲜民主主义人民共和国的“凤凰”系统。以色列提供了哈马斯持有的朝鲜民主主义人民共和国反坦克武器系统的技术规格(见附件 57)。专家小组还致函巴勒斯坦国。

案例 7

123. 据俄罗斯媒体报道，金正恩在 9 月 17 日对俄罗斯联邦进行正式访问期间，收到了滨海边疆区州长奥列格·科热米亚科的礼物，其中包括一套用于突击行动的防护衣、5 架神风无人机、一架具有垂直起飞功能的 Geranium-25 飞机型侦察无人机以及无人机控制系统。媒体还报道称，金正恩和俄罗斯联邦总统弗拉基米尔·普京交换了步枪作为礼物，⁷² 金正恩还收到了俄罗斯联邦国防部长谢尔盖·绍伊古赠送的一把剑。⁷³ 专家小组正在等待俄罗斯联邦对其询问作出答复。

⁶⁶ 出生日期：1989 年 10 月 10 日；护照号码：8617230995。

⁶⁷ S/2019/171，第 92 段。

⁶⁸ 出生日期：1976 年 1 月 10 日；据报告已经去世。

⁶⁹ 见 www.state.gov/imposing-additional-sanctions-on-those-supporting-russias-war-against-ukraine。

⁷⁰ 见 www.nknews.org/2023/10/apparent-north-korean-weapons-used-by-hamas-but-dprk-denies。

⁷¹ 见 <http://kcna.kp/en/article/q/aa4df265dc7ce03ee512204d1071fd47.kcmsf>。

⁷² 见 <https://tass.com/politics/1674937>。

⁷³ 见 <https://ria.ru/20230919/mech-1897211414.html>。

案例 8

124. 专家小组继续调查一家缅甸公司 Royal Shune Lei Co. Ltd.。⁷⁴ 据一会员国称，朝鲜民主主义人民共和国朝鲜矿业发展贸易公司代表团于 2022 年 10 月前往缅甸，支持与军方采购实体 Royal Shune Lei 就价值数百万美元的航空炸弹制导包进行谈判。专家小组正在等待缅甸对其询问作出答复。

案例 9

125. 专家小组继续调查马里和朝鲜民主主义人民共和国之间的疑似军事合作。⁷⁵ 据报，朝鲜民主主义人民共和国驻几内亚大使馆外交官 An Se Ho⁷⁶ 与朝鲜矿业发展贸易公司的一名代表合作，促成了一个在马里建造弹药厂的项目。朝鲜矿业发展贸易公司的一名代表于 2023 年底多次访问马里，讨论该项目。专家小组正在等待马里和几内亚对其询问作出答复。

案例 10

126. 专家小组注意到，有媒体报道称，朝鲜民主主义人民共和国向俄罗斯联邦提供了弹药、炮弹和火箭⁷⁷ (见附件 58)。专家小组正在等待俄罗斯联邦对其询问作出答复。

案例 11

127. 专家小组注意到乌克兰公共广播公司的一份报告，报告称 2024 年 1 月 2 日在哈尔科夫市发现疑似朝鲜民主主义人民共和国导弹碎片。⁷⁸

128. 专家小组正在调查外部专家提供的关于碎片的信息。⁷⁹ 针对专家小组的询问，乌克兰提交了一份报告，专家小组正在审查该报告。

⁷⁴ S/2023/171，第 124 段。

⁷⁵ S/2023/656，第 97 段。

⁷⁶ 韩文，안세호；出生日期：1976 年 6 月 15 日；护照号码：572110043 (PD)。

⁷⁷ 见 <https://euromaidanpress.com/2023/11/12/north-korea-supplies-russia-with-full-range-of-artillery-ammunition-including-gun-and-mortar-shells-rockets>。

⁷⁸ 见 <https://susilne.media/655506-shoza-na-raketi-z-paradiv-u-pivnicnij-korei-cim-raketa-akou-vdarili-po-harkovu-2-sicna-vidriznaetsa-vid-iskanderu>。

⁷⁹ 见冲突军备研究所的现场研究：<https://storymaps.arcgis.com/stories/3a4e9d713f59426d9d1ea3881abecbf3>。

侦察总局(KPe.031)⁸⁰

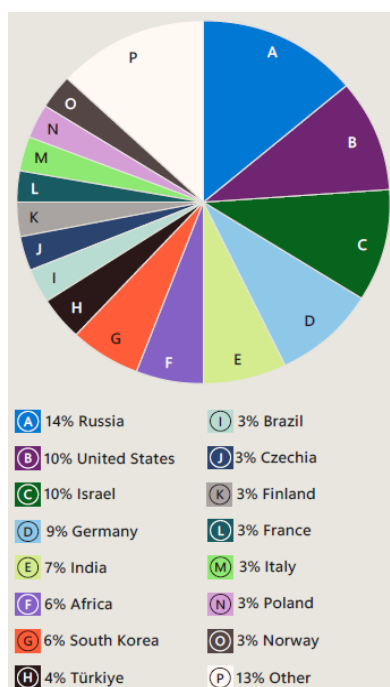
129. 专家小组继续监测和调查朝鲜民主主义人民共和国侦察总局⁸¹ 下属的 Kimsuky、Lazarus 集团、Andariel 和 BlueNoroff 等网络威胁行为体实施的网络安全攻击。⁸² 这些网络威胁行为体的主要任务是获取对朝鲜民主主义人民公有价值的信息，并非法为该国创收(见第 180-190 段)。该国的攻击方法仍然包括鱼叉式网络钓鱼、漏洞利用、社会工程和水坑攻击。专家小组确定了朝鲜民主主义人民共和国 2023 年期间恶意网络活动的若干趋势，以及目前针对加密货币行业的活动(见第 188 和 189 段)。相关网络安全报告汇编见附件 59。

以国防工业基地为目标

130. Lazarus 集团继续在全球攻击国防部门的公司(见图二十一)。朝鲜民主主义人民共和国网络行为体通过入侵获取知识产权或其他信息，如设计和蓝图，可用于推进该国的大规模毁灭性武器和弹道导弹计划，并出售这些信息，为该国的武器计划进一步创收。

图二十一

据报 2022 年 11 月至 2023 年 1 月朝鲜民主主义人民共和国攻击国防公司的情况



资料来源：www.microsoft.com/en-us/security/security-insider/microsoft-digital-defense-report-2023。

⁸⁰ 在本节中，专家小组采用专题方法，解释朝鲜民主主义人民共和国恶意网络活动的主要趋势，这不同于以往报告按网络威胁行为体列出报告案件的做法。案件清单见附件 59、94 和 95。

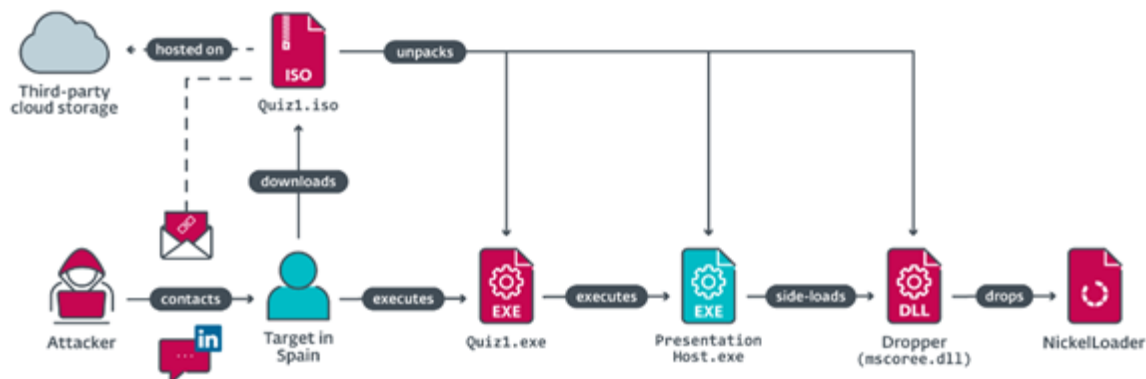
⁸¹ 据一个会员国称，朝鲜民主主义人民共和国 90% 的恶意网络活动是侦察总局所为。2023 年 12 月，一个会员国制裁了侦察总局总监 Ri Chang Ho。2023 年，专家小组建议指认 Ri Chang Ho (见 S/2023/171，第 136 和 170 段)。另见 http://www.mofa.go.kr/www/brd/m_4080/view.do?seq=374538&page=1。

⁸² 本节中使用的网络威胁行为体及其活动的名称在网络安全行业中广泛使用。

131. Lazarus 集团侵入了一家西班牙航空航天公司，⁸³ 通过鱼叉式网络钓鱼活动于 2022 年首次进入该公司的网络，朝鲜民主主义人民共和国的行为体在领英上冒充招聘人员，在欺诈性招聘过程中，说服目标执行伪装成测试的恶意软件（见图二十二）。据报告，Lazarus 集团于 2021 年 10 月和 2023 年 2 月分别通过类似方法攻击了荷兰王国的航空航天公司和波兰的一家国防公司。⁸⁴

图二十二

据报朝鲜民主主义人民共和国侵入一家西班牙航空航天公司



资料来源：www.welivesecurity.com/en/eset-research/lazarus-luring-employees-trojanized-coding-challenges-case-spanish-aerospace-company。

132. 在 2023 年 10 月发布的一份报告中，⁸⁵ 发现 Lazarus 集团正在开展一项针对核工程师和国防工业的活动，包括针对雷达系统、无人驾驶飞行器、军用车辆、船舶、武器装备和海运公司的制造商。据报告，Lazarus 集团通过操纵 Telegram 和 WhatsApp 等社交媒体上的求职者打开恶意应用程序进行虚假面试，从而获得系统访问权限。

133. 据报告，朝鲜民主主义人民共和国黑客于 2022 年从俄罗斯 Sputnix OOO 公司安装了后门并窃取了数据，包括卫星部件的蓝图。⁸⁶ 对于专家小组的询问，俄罗斯联邦答复说：“需要更多的信息，以适当审查所指控的朝鲜恶意网络行为体的网络攻击”。朝鲜民主主义人民共和国网络行为体 ScarCruft 和 Lazarus 集团

⁸³ 见 www.welivesecurity.com/en/eset-research/lazarus-luring-employees-trojanized-coding-challenges-case-spanish-aerospace-company 和 www.sentinelone.com/labs/comrades-in-arms-north-korea-compromises-sanctioned-russian-missile-engineering-company。

⁸⁴ 见 www.virusbulletin.com/uploads/pdf/conference/vb2023/papers/Lazarus-campaigns-and-backdoors-in-2022-2023.pdf；S/2021/211，第 126 段；脚注 107。

⁸⁵ 见 <https://securelist.com/apt-trends-report-q3-2023/110752>。

⁸⁶ 见 http://english.chosun.com/site/data/html_dir/2023/09/07/2023090701108.html。

分别入侵了 NPO Mashinostroyenia 的电子邮件服务器和内部网络，^{87、88} 时间可能在 2021 年底至 2022 年 5 月之间。俄罗斯联邦答复说：“没有证据表明俄罗斯组织 NPO Mashinostroyenia 的内部[信息技术]基础设施受到一个与[联合国]指认的朝鲜[侦察总局(KPe.031)]、Lazarus 集团、ScarCruft 或 Kimsuky 有关的网络威胁行为体的网络攻击。”

134. 朝鲜民主主义人民共和国网络威胁行为体在 8 月和 9 月对大韩民国造船厂进行了多次黑客攻击，以窃取可用于加强朝鲜民主主义人民共和国海军军事力量的信息。⁸⁹ 据报告，攻击者假装是信息技术维护供应商和/或通过鱼叉式网络钓鱼，试图进入这些公司的系统(见附件 61)。Andariel 攻击了大韩民国的多家电信公司、研究机构、大学和信息技术、国防工业和金融公司，窃取了 1.2 太字节的信息，包括地对空激光武器系统的敏感数据⁹⁰ (见第 187 段和附件 62)。

供应链攻击

135. 2023 年，多家网络安全公司报告称，朝鲜民主主义人民共和国网络行为体部署供应链攻击，以软件供应商等公司为目标，通过一次入侵进入相关部门的多个网络。⁹¹ 这些行为体利用多种攻击载体，包括鱼叉式网络钓鱼、公共开放源代码储存库“投毒”和操纵特定行业平台上的配置文件。⁹² 两个会员国发布了题为“与朝鲜国家有关联的网络行为体进行软件供应链攻击”的联合网络安全咨询。⁹³

136. 7 月，软件即服务提供商 JumpCloud 遭到与加密货币抢劫有关的朝鲜民主主义人民共和国行为体入侵，⁹⁴ 入侵方式很可能是通过复杂的鱼叉式网络钓鱼(见图二十三)；⁹⁵ 据一家区块链公司称，这次入侵可能导致朝鲜民主主义人民共和国至少两次加密货币抢劫，总价值达 1.475 亿美元(见附件 95)。

⁸⁷ 见 www.sentinelone.com/labs/comrades-in-arms-north-korea-compromises-sanctioned-russian-missile-engineering-company。

⁸⁸ НПО МАШИНОСТРОЕНИЕ。

⁸⁹ 见附件 61 和 <https://en.yna.co.kr/view/AEN20231121006800315?section=national/national>。

⁹⁰ 见 www.recordedfuture.com/north-korea-aligned-tag-71-spoofs-financial-institutions、www.koreatimes.co.kr/www/nation/2023/12/103_364423.html、www.yna.co.kr/view/AKR20231204049700004、<https://boannews.com/media/view.asp?idx=124405> 和 https://english.chosun.com/site/data/html_dir/2023/12/05/2023120501179.html。

⁹¹ 见 S/2023/656，第 113 段，关于 2023 年 3 月 3CX 遭遇的供应链攻击。

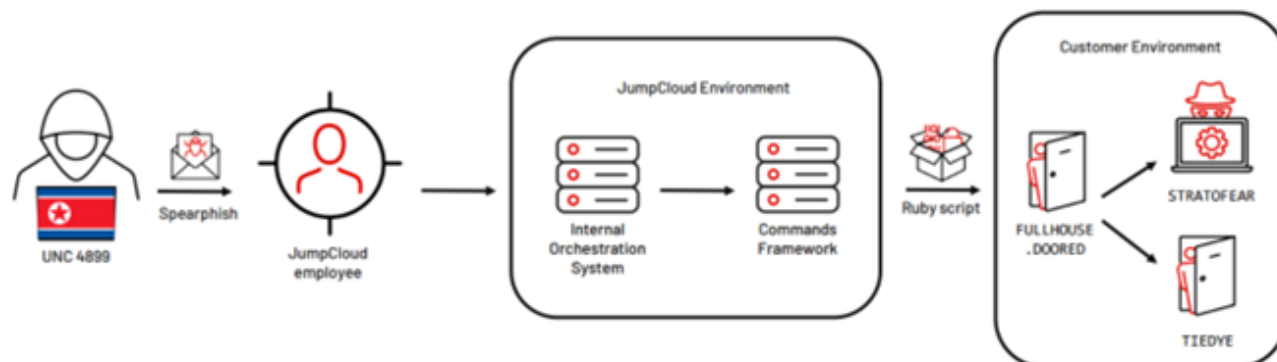
⁹² 见 <https://medium.com/checkmarx-security/how-north-korea-is-compromising-supply-chains-df1532b29a49>。

⁹³ 大韩民国和大不列颠及北爱尔兰联合王国 2023 年 11 月 23 日的联合网络安全咨询，见附件 60。

⁹⁴ UNC4899，据报道与 Lazarus 集团和 Kimsuky 有交集。

⁹⁵ 见 www.mandiant.com/resources/blog/north-korea-supply-chain。

图二十三
报告的 JumpCloud 攻击示意图



资料来源：www.mandiant.com/resources/blog/north-korea-supply-chain。

137. Lazarus 集团和 Andariel 利用远程代码执行漏洞(CVE-2023-42793)影响 JetBrains TeamCity 服务器，这是一个用于软件开发的应用程序。^{96、97} 据报告，这两个朝鲜民主主义人民共和国集团利用了相同的漏洞，但他们在成功利用漏洞后使用了不同的工具和技术。

138. Lazarus 集团进行了一次供应链攻击，涉及 CyberLink 公司开发的一个应用程序的恶意变种，其中恶意代码被插入到合法的 CyberLink 应用程序安装程序中，安装程序托管在合法的 CyberLink 基础设施上，并使用合法的 CyberLink 证书签名，影响了多个管辖区的 100 多台设备。⁹⁸

⁹⁶ 见 www.sonarsource.com/blog/teamcity-vulnerability。

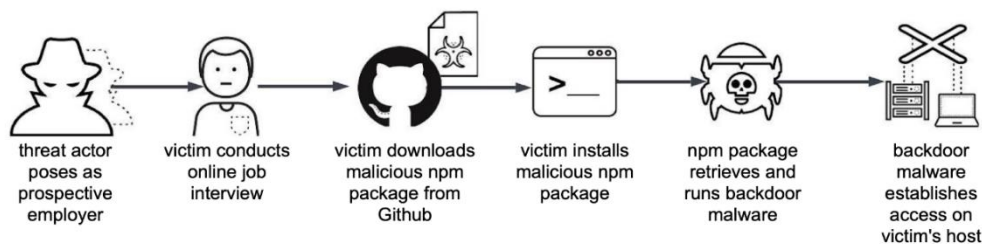
⁹⁷ 见 www.microsoft.com/en-us/security/blog/2023/10/18/multiple-north-korean-threat-actors-exploiting-the-teamcity-cve-2023-42793-vulnerability。

⁹⁸ 见 www.microsoft.com/en-us/security/blog/2023/11/22/diamond-sleet-supply-chain-compromise-distributes-a-modified-cyberlink-installer。

139. 关于代码库，一家网络安全公司揭露了 Lazarus 集团的供应链活动，手段是将数十个恶意 Python 软件包发布到一个开源 Python 软件库，该库是恶意软件的分发点。⁹⁹ 据报告，这些软件包模仿流行的开源 Python 工具，手段是误拼抢注域名，¹⁰⁰ 以及/或声称提供具有所需功能的新工具，该工具中夹带隐藏的恶意组件。2023 年的多份报告同样指出，¹⁰¹ Lazarus 集团很可能在 JavaScript 编程语言的存储库 npm 软件包管理器上发布了多个恶意软件包(见附件 59、94 和 95)。在另一份报告中，¹⁰² 发现朝鲜民主主义人民共和国的行为者冒充雇主，通过求职面试程序引诱软件开发人员(其中许多人与加密货币行业有关联)安装托管在 GitHub 存储库中的恶意软件(见图二十四和第 132 段)。

图二十四

据报朝鲜民主主义人民共和国针对软件开发商的攻击链



资料来源：<https://unit42.paloaltonetworks.com/two-campaigns-by-north-korea-bad-actors-target-job-hunters>。

共享基础设施和工具

140. 一家网络安全公司报告说，¹⁰³ 侦察总局下属网络威胁团体之间的重叠越来越多，这些团体更经常地合作和共享基础设施，以开展联合行动(见图二十五)。该公司指出，“这种灵活的任务分配方法使防御者难以跟踪、归属和阻止恶意活动，同时使这个现如今联起手来的对手能够以更快的速度和适应性进行隐蔽的行动”。

⁹⁹ 见 www.reversinglabs.com/blog/vmconnect-supply-chain-campaign-continues 和 www.reversinglabs.com/blog/vmconnect-malicious-pypi-packages-imitate-popular-open-source-modules。

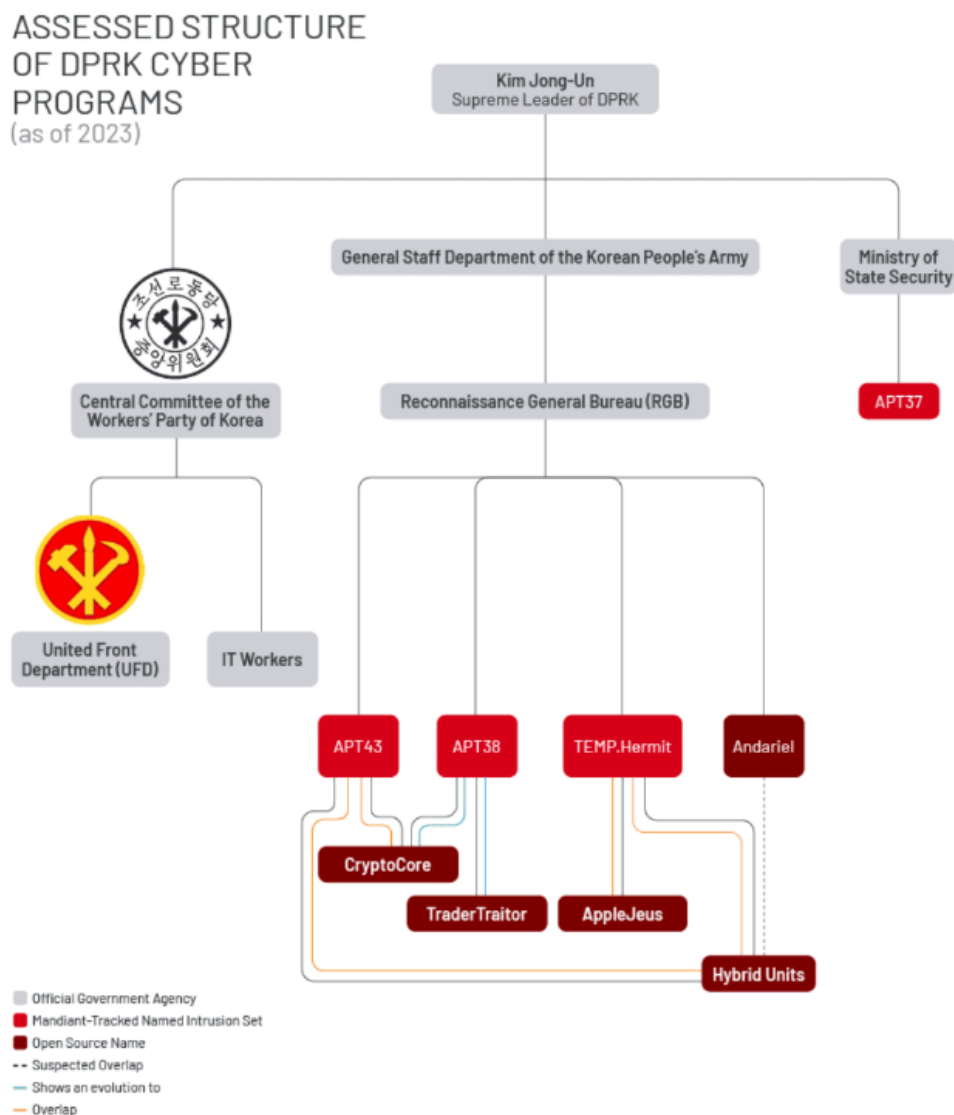
¹⁰⁰ 攻击者给予恶意软件包与流行的合法开源软件包非常相似的名称、描述和功能，希望开发人员无意中安装恶意软件包。

¹⁰¹ 见 <https://unit42.paloaltonetworks.com/two-campaigns-by-north-korea-bad-actors-target-job-hunters>、<https://mp.weixin.qq.com/s/f5YE12w3x3wad5EO0EB53Q>、<https://blog.phylum.io/junes-sophisticated-npm-attack-attributed-to-north-korea>、<https://blog.phylum.io/crypto-themed-npm-packages-found-delivering-stealthy-malware>、<https://blog.phylum.io/update-to-novembers-crypto-themed-npm-attack> 和 <https://github.blog/2023-07-18-security-alert-social-engineering-campaign-targets-technology-industry-employees/#domains>。

¹⁰² 见 <https://medium.com/checkmarx-security/how-north-korea-is-compromising-supply-chains-df1532b29a49>。

¹⁰³ 见 www.mandiant.com/resources/blog/north-korea-cyber-structure-alignment-2023。

图二十五
据报朝鲜民主主义人民共和国网络计划评估结构



资料来源：www.mandiant.com/resources/blog/north-korea-cyber-structure-alignment-2023。

141. 一家网络安全公司发现，ScarCruft 攻击俄罗斯导弹公司 NPO Mashinostroyeniya 时使用的基础设施(见第 133 段)也被包括 Kimsuky 在内的朝鲜民主主义人民共和国其他网络行为体使用。¹⁰⁴ 据报告，2023 年，Andariel 行为体利用某些基础设施对药物研发和武器开发进行渗透；2020 年，Kimsuky 使用相同的基础设施进行核和冠状病毒病(COVID-19)医疗间谍活动。¹⁰⁵

¹⁰⁴ 见 www.sentinelone.com/labs/comrades-in-arms-north-korea-compromises-sanctioned-russian-missile-engineering-company。

¹⁰⁵ 见 www.mandiant.com/resources/blog/north-korea-cyber-structure-alignment-2023。

恶意软件开发方法和基础设施

142. 朝鲜民主主义人民共和国的网络行为体也在使用开放源码工具，并利用 QtFramework、PowerBasic 和 DLang 等不常用技术开发恶意软件，包括远程访问木马。这方面的例子包括：

(a) Lazarus 集团至少使用了三个新的基于 DLang 的恶意软件系列，包括两个远程访问木马，其中一个使用 Telegram 机器人和频道进行指挥与控制。¹⁰⁶ 据报告，Lazarus 集团使用这些恶意软件系列攻击制造业、农业和实体安保公司等全球企业。该公司评估认为，通过使用 Telegram，有可能将合法服务作为指挥和控制通信渠道来逃避检测；

(b) Lazarus 集团在其攻击的初始接入阶段越来越多地使用开源工具和框架，而以前则依赖于定制的植入程序。¹⁰⁷ 这种转变使攻击者能够避免被特征分析，也不会在早期引起警觉。¹⁰⁸

以邻国为目标

143. 网络安全公司和会员国注意到，朝鲜民主主义人民共和国的行为体将中国和俄罗斯联邦的政府机构、公司和个人作为攻击目标(另见第 133 和 141 段)。例如：

(a) 2023 年上半年，Lazarus 集团在针对中国的攻击中排名第七，尤其集中在政府和金融领域，并控制了 6% 的互联网协议地址和 9% 的中国指挥与控制服务器。¹⁰⁹ Kimsuky 在针对中国的攻击中排名第九，集中针对政府、媒体、教育和金融部门，并控制了 3% 的中国互联网协议地址和 4% 的中国指挥与控制服务器；

(b) Lazarus 集团“在俄罗斯联邦非常活跃”，“仍然[可以]访问一些俄罗斯系统”。¹¹⁰

¹⁰⁶ 见 https://blog.talosintelligence.com/lazarus_new_rats_dlang_and_telegram。

¹⁰⁷ 见 <https://blog.talosintelligence.com/lazarus-collectionrat>。

¹⁰⁸ 见 <https://therecord.media/lazarus-new-malware-manageengine-open-source>。

¹⁰⁹ 见 <https://ti.qianxin.com/uploads/2023/07/20/fcd50f2540db9ca6fb91b192c0fe2a4c.pdf>。

¹¹⁰ 见 <https://rt-solar.ru/events/news/3851>。

移动应用

144. Kimsuky 继续创建伪装成合法安卓应用程序的恶意安卓移动应用程序，包括流行的电子商务服务、安全插件谷歌验证器、防病毒程序和支付服务应用程序，以便从受感染的设备上窃取信息。¹¹¹ 据报告，这些假冒应用程序的图标、功能和大小与合法应用程序相同。恶意应用程序可能是通过鱼叉式网络钓鱼或欺诈短信发送的(更多信息见附件 59.1)。

人工智能

145. 根据一家网络公司的说法，Kimsuky 对使用生成人工智能(包括大型语言模型)表现出了兴趣，可能用于编码或编写钓鱼电子邮件。据观察，Kimsuky 使用了 ChatGPT。一个会员国报告说，¹¹² 观察到朝鲜民主主义人民共和国的网络行为体试图利用人工智能模型帮助加快编写恶意软件和寻找可利用的系统。

专家小组一名成员成为攻击目标

146. 朝鲜民主主义人民共和国的网络行为体，可能是 Kimsuky，可能通过持续的鱼叉式网络钓鱼攻击，对专家小组一名成员的私人电子邮件地址进行攻击(见图二十六)。^{113、114} 专家小组重申其观点，即对专家小组和委员会的这种攻击相当于逃避制裁。¹¹⁵

¹¹¹ 见 www.nis.go.kr:4016/resources/synap/skin/doc.html?fn=NIS_FILE_1698304158145 和 <https://medium.com/s2wblog/fastviewer-variant-merged-with-fastspy-and-disguised-as-a-legitimate-mobile-application-f3004588f95c>。

¹¹² 见 <https://en.yna.co.kr/view/AEN20231019000600315?input=tw>。

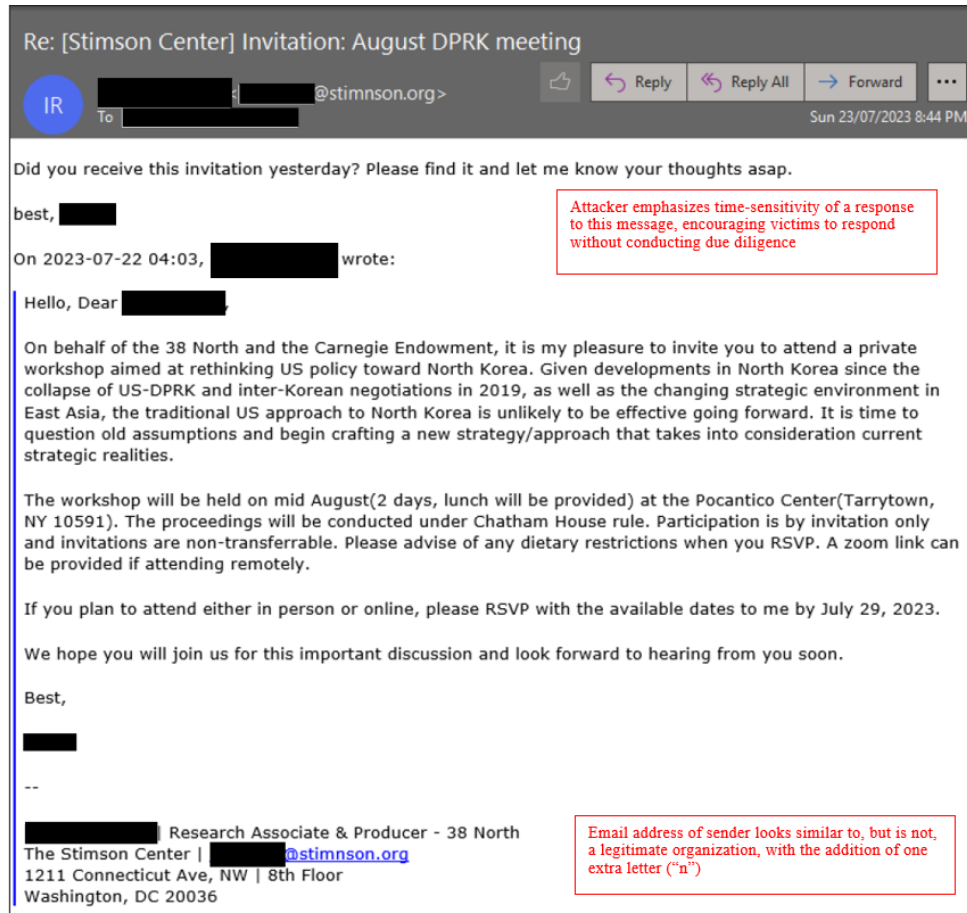
¹¹³ 另见 S/2020/151，第 117 和 118 段；S/2018/171，第 5 段。

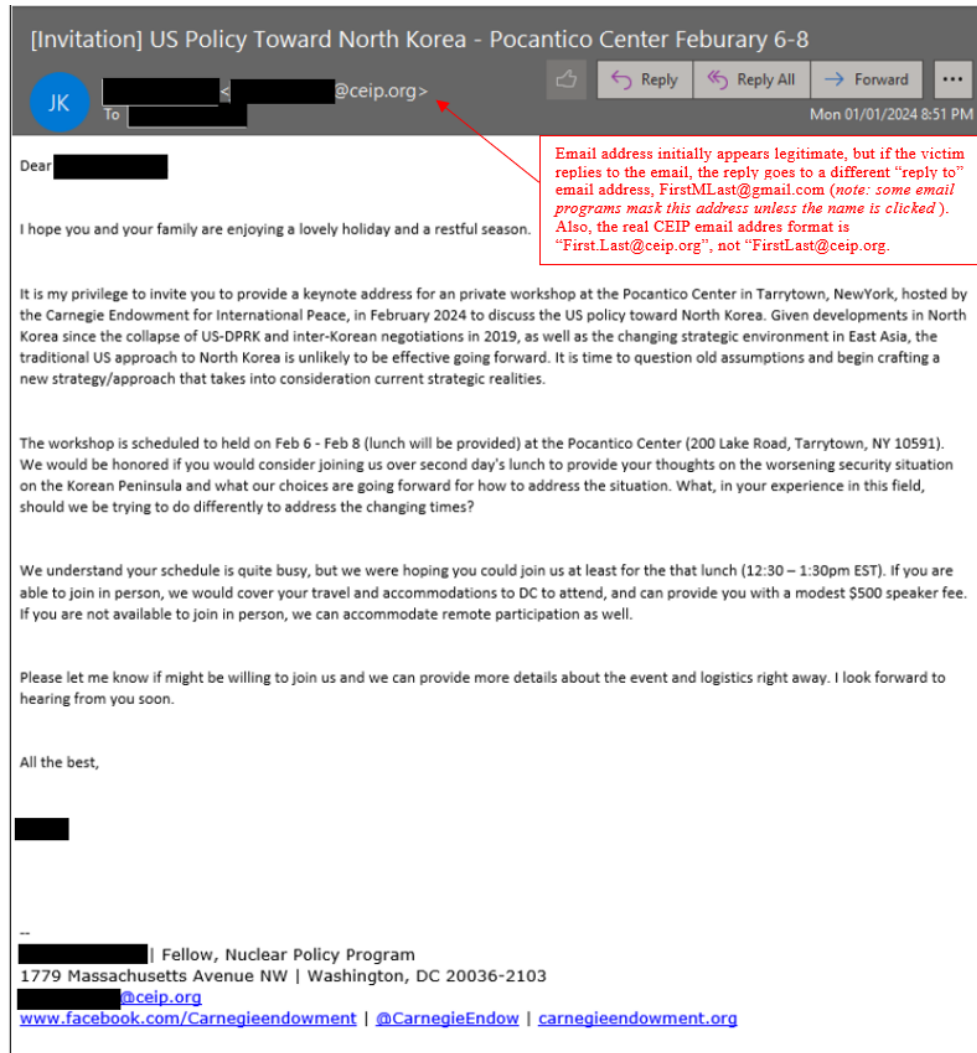
¹¹⁴ 见 <https://en.yna.co.kr/view/AEN20231121006800315?section=national/national>。另见 S/2023/656，附件 63。

¹¹⁵ S/2020/151，第 117 段。

图二十六

专家小组一名成员收到的部分鱼叉式网络钓鱼信息





资料来源：专家小组。

万寿台创作社(KPe.050)¹¹⁶

147. 专家小组正在调查第三国的两个博物馆，这两个博物馆在 9 月和 10 月举办了朝鲜民主主义人民共和国艺术家展览。在参与的艺术家中，至少有两人以前与万寿台创作社有联系。

海外工人

148. 专家小组继续调查朝鲜民主主义人民共和国国民违反安全理事会第 2397(2017)号决议第 8 段在国外赚取收入的国民(海外工人)。

149. 据一个会员国称，有 100 000 多名朝鲜民主主义人民共和国工人仍在海外工作，为朝鲜民主主义人民共和国创造收入，他们分布在大约 40 个国家，从事缝纫、建筑、医学、信息技术和食品服务等各个领域的工作。另一个会员国估

¹¹⁶ 也被称为万寿台海外开发会社。

计，朝鲜民主主义人民共和国除信息技术工人以外的海外工人每年创造约 5 亿美元的收入。据第一个会员国称，这些工人最初是以学生或旅游签证派遣的；有些人使用假国籍和假身份证。据报告，绝大多数人在两个国家工作。该会员国说，一旦边境进一步重新开放，预计朝鲜民主主义人民共和国将向海外派遣大量额外工人，并已签订合同，向海外派遣 400 000 名工人。

150. 鉴于朝鲜民主主义人民共和国边界于 2023 年部分重新开放，专家小组已致函若干会员国，说明它们为遣返朝鲜民主主义人民共和国工人所做的努力以及检查所有货物等相关问题。一个会员国报告说，2023 年 2 月遣返了 6 名朝鲜民主主义人民共和国工人，他们被发现藏在一艘渔船的鱼舱里；这些工人没有被列入有关文件。俄罗斯联邦的答复见附件 74。调查仍在继续。

信息技术工作者

151. 据会员国、智囊团和网络安全公司称，朝鲜民主主义人民共和国的信息技术工作者继续在海外开展业务，为该国创造大量收入。¹¹⁷ 两个会员国发布了补充信息，说明潜在信息技术工作者活动的红旗警示以及公司可采取的尽职调查措施(见附件 63)。与此同时，一个会员国还没收了信息技术工作者用来“欺骗……企业、逃避制裁和资助[朝鲜民主主义人民共和国]政府发展武器计划”的 17 个域名；¹¹⁸ 信息技术工作者通过在线支付服务和第三国银行账户将收入“输送”回朝鲜民主主义人民共和国。¹¹⁹ 据一个会员国称，朝鲜民主主义人民共和国的网络威胁行为体也通过信息技术工作创收。

152. 一个会员国报告说，海外信息技术工作者的月薪为 15 000 至 60 000 美元，而一名前信息技术工作者¹²⁰ 报告说，所有信息技术工作者的年薪预计至少为 100 000 美元，通常每人都有多个长期全职职位，¹²¹ 并辅以自由职业工作。据前信息技术工作者说，信息技术工作者只被允许保留一小部分收入。¹²² 其余部分由其派遣机构拿走，在许多情况下用于为朝鲜民主主义人民共和国购买物项。一名前信息技术工作者估计，海外有 3 000 名信息技术工作者，朝鲜民主主义人民共和国有 1 000 名。¹²³ 据第二个会员国称，后一群体主要在罗先、平壤和新义

¹¹⁷ 据一名前朝鲜民主主义人民共和国信息技术工作者说，这些工作者利用学生的假身份获得签证。

¹¹⁸ 朝鲜民主主义人民共和国的信息技术工作者设计了这些域名，使其看起来像是设在美国的合法信息技术服务公司的域名。

¹¹⁹ 见 www.justice.gov/opa/pr/justice-department-announces-court-authorized-action-disrupt-illicit-revenue-generation。

¹²⁰ 见 www.reuters.com/technology/north-koreans-use-fake-names-scripts-land-remote-it-work-cash-2023-11-21。

¹²¹ 半年到几年。

¹²² 据一位前朝鲜民主主义人民共和国信息技术工作者说，工资是按收入的一定比例提成的，收入较低的人保留 10%，而收入最高的人可以保留 30%。

¹²³ 见 www.reuters.com/technology/north-koreans-use-fake-names-scripts-land-remote-it-work-cash-2023-11-21。

州，但依靠海外对应方建立账户、获取基础设施和清洗收入。根据这些资料，信息技术工作者每年为朝鲜民主主义人民共和国创造的收入估计为 2.5 亿至 6 亿美元。

153. 专家小组汇编了关于信息技术工作者最近的策略、技术和程序的资料(见附件 64)。

餐馆工人

154. 据一个会员国称，朝鲜民主主义人民共和国继续在至少五个国家经营餐馆。据报，这些餐馆每年为朝鲜民主主义人民共和国创造 7 亿美元的收入，雇用该国工人，为该国洗钱，而且往往由侦察总局(KPc.031)特工经营。

国家 1

155. 专家小组从多个来源收到资料，显示 2023 年在中国有几十家餐馆雇用朝鲜民主主义人民共和国工人(见附件 65、66 和 69)。¹²⁴ 社交媒体图像显示，这些餐馆采用各种手段隐藏与朝鲜民主主义人民共和国的联系。对于专家小组的询问，中国回答说：“中方一贯认真执行联合国安理会有关朝鲜海外劳工的决议有关规定。朝鲜工人在中国的工作许可均在安理会相关决议规定的期限前到期”(见附件 40, OC.385)。专家小组评估认为，在另一个会员国也采取了类似措施。

国家 2

156. 会员国提供的资料和专家小组获得的资料显示，朝鲜民主主义人民共和国国民继续在老挝人民民主共和国的四家餐馆工作(见表 4)。照片显示，两家餐馆(见表 4，第 1 和 4 号)使用 Sindat BBQ 餐厅标志；这两家餐馆最近都已更名。Paektu Hanna 餐厅(见表 4，第 2 号)似乎也更换了标志。¹²⁵ 老挝人民民主共和国于 2023 年 3 月告知专家小组，Paektu Hanna 餐厅“现在完全由[一名]老挝公民拥有和经营，符合[老挝人民民主共和国]的法律和条例”。¹²⁶ Tokyo Sushi & Teppanyaki(见表 4，第 3 号)原名 Kumkangsan 饭店，在万象其他地方经营。

¹²⁴ 根据会员国在答复专家小组调查时提供的信息，这些餐馆主要供应朝鲜菜，但有些也供应其他类型的亚洲菜。

¹²⁵ S/2022/132，第 174 段和附件 82。

¹²⁶ S/2023/656，第 124 段。

表 4
据报仍有朝鲜民主主义人民共和国国民工作的老挝餐馆

No.	Location	Restaurant names (Former names)	Address and Coordinates	Information about DPRK workers (As of mid-2023)
1	Vientiane	Sindat BBQ Restaurant (That Luang Pyongyang Restaurant)	XJFJ+9X5, Nongbone Road, Vientiane (17°57'58.3"N 102°37'41.5"E)	At least three DPRK nationals working.
2	Vientiane	Paektu Hanna Restaurant (Paektu Hanna Restaurant of the same name)	Vientiane, Lao PDR (17°57'58.3"N 102°37'41.5"E)	At least six DPRK nationals working. One said that she was from Pyongyang.
3	Vientiane	Tokyo Sushi & Teppanyaki (Kumkangsan Restaurant, Pyongyang Friendship Restaurant)	Landmark Mekong Riverside Hotel WJV8+FRR, Thatkhao Village, Sisattanak District, Vientiane (17°56'38.0"N 102°37'01.8"E)	At least three DPRK nationals working.
4	Vang Vieng	Sindat BBQ Restaurant (Sindat BBQ 2) (Vang Vieng Pyongyang Restaurant)	Vang Vieng (18°55'08.5"N 102°26'55.6"E)	At least two DPRK national working.

资料来源：专家小组和一个会员国。

157. 另一个会员国称，朝鲜民主主义人民共和国国民 Kim Song Ho 在 2019 年至 2021 年期间参与经营万象的 Kumkangsan 餐厅¹²⁷ 和 Big Sister Won’s 餐厅以及琅勃拉邦的 Koryo 餐厅(见第 176 段)。专家小组正在等待老挝人民民主共和国对其最近的询问作出答复。调查仍在继续。

国家 3

158. 专家小组审查了 2021 年 1 月 1 日至 2023 年 10 月 15 日期间俄罗斯联邦一套不完整的法院记录，确定了至少有 20 名俄罗斯雇主非法雇用朝鲜民主主义人民共和国工人的大约 250 个法院案件¹²⁸ (见附件 75 和 75.1)。根据记录，在至少四起案件中，朝鲜民主主义人民共和国国民在 2019 年 12 月 22 日之后获得工作许可。¹²⁹ 一些案件涉及朝鲜民主主义人民共和国工人在建筑工地死亡。在大多数案件中，雇主因违法被罚款 125 000 卢布(1 400 美元)，或朝鲜民主主义人民共和国工人因违法被罚款 2 000 卢布(23 美元)。一家公司答复说，它未雇用朝鲜民主主义人民共和国公民，法院诉讼已经取消。¹³⁰ 专家小组正在等待俄罗斯联邦和其他公司对调查作出进一步答复(见附件 79)。

¹²⁷ 금강산식당。

¹²⁸ 这些案件包括根据《俄罗斯联邦行政犯罪法》、《民法》和《刑法》以及《外国公民法律地位联邦法》提出的指控。

¹²⁹ 根据安全理事会第 2397(2017)号决议，2019 年 12 月 22 日是会员国遣返在其管辖范围内赚取收入的朝鲜民主主义人民共和国国民的最后期限；根据第 2375(2017)号决议，禁止会员国在 2017 年 9 月 11 日后向其管辖境内的朝鲜民主主义人民共和国国民提供入境工作许可。

¹³⁰ 见附件 75；至少在一个案件中，诉讼似乎因程序原因而被取消。

159. 据一个会员国称，有人看到朝鲜民主主义人民共和国国民在俄罗斯联邦的四家餐馆工作(见附件 70)。俄罗斯公司登记记录显示，朝鲜民主主义人民共和国国民是其中一些餐馆的所有者或管理者，这表明这些餐馆是被禁止的合资企业或合作实体(见第 171 段和附件 79)。俄罗斯联邦答复说，一家餐馆已被清算，两家公司由一名俄罗斯公民拥有，一家咖啡馆由一名俄罗斯公民创办：“自 2019 年 12 月至今，上述所有实体均未与朝鲜公民签订劳动协议，未为朝鲜公民申请工作许可，也未申请合资形式。没有关于朝鲜人从这些实体的活动中获利的信息”(见附件 71)。

160. 关于专家小组对该国与俄罗斯联邦之间约 120 家可能的合资企业以及在俄罗斯联邦注册的朝鲜民主主义人民共和国公司雇用朝鲜民主主义人民共和国工人的可疑案件的调查，见第 171 段。

建筑工人

161. 根据媒体报道¹³¹和专家小组获得的信息，截至 2022 年，至少有 58 名朝鲜民主主义人民共和国国民在位于哈巴罗夫斯克的朝鲜民主主义人民共和国建筑公司“第一建筑公司(제 1 건설회사)”工作。俄罗斯联邦答复说，该公司没有在该国注册，并指出“没有关于该组织与俄罗斯承包商签订提供朝鲜移民工人合同的数据，也没有关于在俄罗斯银行开设账户的数据。没有向朝鲜公民发放为[该公司]从事劳务活动的工作许可证”(见附件 73)。

建议

162. 专家小组建议会员国继续保持警惕，检查雇用朝鲜民主主义人民共和国国民的公司的管理和所有权以及可能的混淆视听行为。

163. 专家小组建议会员国根据安全理事会决议，实行适当的移民管制，特别是确保朝鲜民主主义人民共和国学生和游客不赚取收入，不超过核准的逗留期限。

164. 专家小组建议，随着朝鲜民主主义人民共和国进一步开放边界，会员国应确保执行关于朝鲜民主主义人民共和国国民赚取收入的相关决议。

五. 金融

165. 专家小组评估认为，朝鲜民主主义人民共和国继续违反安全理事会决议，利用国际金融体系，从事非法金融业务。

¹³¹ 见 www.rfa.org/korean/in_focus/food_international_org/workershealth-09202023163056.html；附件 72。

朝鲜民主主义人民共和国海外银行代表

166. 专家小组调查了多个会员国提供的资料，其中涉及 30 名据报在三个国家开展业务的朝鲜民主主义人民共和国金融机构代表，包括 Jo Chol Song (KPi.058)、Ri Chun Song (KPi.075) 和 Kim Mun Chol (KPi.060)。¹³² 据报告，他们代表朝鲜民主主义人民共和国的 17 家银行，包括外贸银行(KPe.047)、朝鲜联合开发银行(KPe.033)、高丽信用开发银行(又称大成信贷开发银行，KPe.049)、朝鲜大成银行(KPe.035)和朝鲜光鲜银行(KPe.025)；一些银行家代表多家朝鲜民主主义人民共和国银行。有一个国家否认有此类银行代表(见附件 76 和 77)。

167. 专家小组调查了多个会员国提供的关于设在符拉迪沃斯托克的外贸银行代表 So Myong 的资料。¹³³ So 先生和俄罗斯国民 Choi Chon Gon¹³⁴ 共同拥有 Epsilon 有限贸易发展公司，据报这是俄罗斯联邦和朝鲜民主主义人民共和国的合资企业(见第 171 段和附件 76、78 和 79)。据一个会员国称，Epsilon 有限贸易发展公司可能是外贸银行的幌子公司。¹³⁵ 商业数据库显示，截至 2023 年 11 月 10 日，该公司处于清算状态。据报告，So 先生代表被指认的朝鲜民主主义人民共和国银行和武器贸易实体，包括第二自然科学学院(KPe.018)，为资金转移提供便利。一个会员国在 6 月指认了 So 先生，¹³⁶ 另一个会员国在 11 月指认了他。¹³⁷ 俄罗斯联邦退还了专家小组的信，称这些信息基于单方面制裁，不属于安全理事会相关决定的范围(见附件 80)。

进入国际金融体系

168. 专家小组继续调查 Chinyong 信息技术合作公司(Chinyong IT)，¹³⁸ 这是朝鲜民主主义人民共和国的一家公司，据一个会员国称，该公司隶属于人民武装力量省(KPe.054)。¹³⁹ 据同一会员国称，Chinyong IT 在 2017 年至 2022 年期间进行了价值 5 000 多万美元的交易，并在中国和俄罗斯联邦开设了数十个银行账户，用于清洗朝鲜民主主义人民共和国信息技术工作者获得的非法收入(见附件 81)。据报告，这些账户可能在非朝鲜民主主义人民共和国代理人名下，朝鲜民主主义人民共和国信息技术工作者为使用这些账户向代理人付费。据该会员国称，中国公司沈阳金派克技术开发有限公司(沈阳金派克)也代表 Chinyong IT 洗钱，在 2020 年至 2022 年期间利用中国银行账户为 Chinyong IT 在俄罗斯联邦和老挝

¹³² S/2018/171，第 162 段和附件 43。

¹³³ 又名 Semyon Semyonovich；出生日期：1978 年 3 月 2 日；护照号码：927320285；俄罗斯个人税务识别号：254342019464。

¹³⁴ 俄罗斯个人税务识别号：650114643613。见 S/2021/211，第 152 段和附件 89；和 S/2023/656，第 137 段。

¹³⁵ 俄罗斯联邦于 2019 年通知专家小组，外贸银行已于 2016 年停止在该国的业务。

¹³⁶ 见 www.mofa.go.kr/www/brd/m_4080/view.do?seq=373848&page=1。

¹³⁷ 见 <https://home.treasury.gov/news/press-releases/jy1938>。

¹³⁸ 又称 Jinyong 信息技术合作公司。见 S/2023/656，第 119-121 段和附件 69 和 70。

¹³⁹ 又称国防省。

人民民主共和国的朝鲜民主主义人民共和国信息技术工作者团队进行了价值超过 2 800 万美元的交易(见附件 82)。专家小组已查明与沈阳金派克有关的其他公司可能与这一活动有关(见附件 83)。中国答复说：“根据专家组提供的信息进行了彻底调查，没有发现任何证据表明相关银行账户违反了联合国安理会涉朝决议”。俄罗斯联邦答复说，没有发现大部分账户或任何证据表明这些账户与 Chinyong IT 有关(见附件 84)。老挝人民民主共和国和沈阳金派克尚未作出答复。

169. 专家小组继续调查朝鲜民主主义人民共和国 53 部(又称 53 局)，据一个会员国称，该局隶属于人民武装力量省(KPe.054)。据报，53 部利用在中国的银行账户将收入汇回 53 部总部，包括通过与第三国武装部队合作获得的资金(见附件 85)。中国答复说：“中方根据专家组提供的信息进行了彻底调查，没有发现任何证据表明相关银行账户违反了联合国安理会涉朝决议”(见附件 40, OC.167)。

合资企业、合作实体和非法商业活动

合资企业和合作实体

170. 专家小组调查了一个会员国提供的信息，即青松联合会社(KPe.010)试图在 2022 年与中国烟台锦旻工贸公司组建一个信息技术合资企业(见附件 86)，中国国民 Zhang Jiashan¹⁴⁰ 在 2022 年帮助青松获得银行服务。中国答复说，“没有证据表明烟台锦旻工贸公司……以及 Li Zhenyu 和 Zhang Jiashan 在中国从事任何违反联合国安理会涉朝决议的活动”(见附件 40, OC.169)。

171. 专家小组调查了俄罗斯公司登记记录，其中有 81 家公司可能是朝鲜民主主义人民共和国和俄罗斯联邦的合资企业或合作实体，全部或部分由朝鲜民主主义人民共和国国民拥有或管理，还有 42 个在俄罗斯注册的朝鲜民主主义人民共和国实体。专家小组调查了这些公司是否雇用赚取收入的朝鲜民主主义人民共和国国民。根据 2023 年俄罗斯公司登记记录，这些公司都在运营。三家公司似乎在朝鲜民主主义人民共和国外交机构注册，两家公司似乎曾投标并赢得俄罗斯国家机构的供应合同。据一个会员国称，其中 24 家公司还雇用了总共 5 900 多名朝鲜民主主义人民共和国劳工(见附件 79 和 87)。专家小组了解到俄罗斯联邦的法律立场(见 S/2019/171，附件 74)，即“唯一创始人为朝鲜公民的公司……严格注册为俄罗斯有限责任公司，……使其成为俄罗斯法人”，俄罗斯联邦认为这些法人不受安全理事会第 2375(2017)号决议第 18 段的限制。2024 年 1 月，俄罗斯联邦答复说，“发现 82 个法律实体……没有实际运作”，“根据俄罗斯联邦民事立法，有限责任公司不是合资企业或合作组织”，因此不受安全理事会决议制约(关于具体公司的答复，见附件 79 和 87)。一个人回答说，他的国籍是大韩民国，不是朝鲜民主主义人民共和国。

¹⁴⁰ 身份证号：210602196209032030。

朝鲜民族保险总公司(KPe.048)

172. 专家小组继续调查朝鲜民族保险总公司及其被报告的幌子或下属公司彩虹中介公司、Samhae 保险公司和极星保险公司。¹⁴¹ 据报，朝鲜民族保险总公司的代表在海外开展业务，包括在尼日利亚、巴基斯坦和俄罗斯联邦，往往在朝鲜民主主义人民共和国大使馆的外交掩护下开展业务(见表 5 和附件 88)。俄罗斯联邦和巴基斯坦答复说，它们没有发现这些人是朝鲜民族保险总公司代表的证据；尼日利亚没有答复。

表 5
疑似朝鲜民族保险总公司代表和一名合伙人的资料

Name	Suspected Position	Location
Choe Myong Chol	KNIC Representative	Pakistan
Jon Hyon Chol	KNIC Representative	Pakistan
Kim Yong Jin	KNIC Representative	Nigeria
Sin Jun Chol	KNIC Representative	Russian Federation
Mun Mi Hwa	PIC Associate	Likely Nigeria

缩写：KNIC，朝鲜民族保险总公司；PIC，极星保险公司。

资料来源：会员国和专家小组。

173. 据一会员国称，通过这些公司的再保险活动，如再保险合同和理赔，收到的资金被转用于朝鲜民主主义人民共和国的大规模生产武器计划。据两个会员国称，一些公司和个人与朝鲜民族保险总公司合作或在知情的情况下协助其开发商业机会，试图收取资金和(或)协助资金转移，途径包括加密货币交易，然后由该公司总部控制和(或)代表其控制(见表 6 和附件 89)。据报告，朝鲜民族保险总公司及其幌子和/或下属公司利用其中许多公司作为中介，代表它们收取或支付款项，显然是为了逃避联合国制裁。

¹⁴¹ [S/2023/665](#)，第 136 段。

表 6

据报关于朝鲜民族保险总公司协助者的资料

Company	Reported information on engagement with KNIC
Fountain Court Partners (Nigeria)	Assisted KNIC in recovering debts, between at least 2019 and 2022
Premium Broking House (Lebanon)	Assisted KNIC in recovering debts, between at least 2019 and 2022
Integ Partners (Nigeria)	Assisted KNIC in recovering debts, between at least 2019 and 2022
BK & Associates (Côte d'Ivoire)	Assisted KNIC in recovering debts, between at least 2019 and 2022
Millbank Insurance Brokers, Ltd. (Nigeria)	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters' control, between at least 2020 and 2022
QuickLink Insurance Brokers Ltd. (Nigeria)	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters' control, between at least 2020 and 2022
Universal Insurance Plc (Nigeria)	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters' control, between at least 2020 and 2022
Sechuwaris Development Foundation (Nigeria)	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters' control, between at least 2020 and 2022
Somitel Ventures Enterprise (Nigeria)	Facilitates KNIC's activities in Africa, including through cryptocurrency transactions on KNIC's behalf, as of 2023
New Elements Holdings Co. Ltd (China)	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters' control, between at least 2020 and 2022
Li Xianzhu (Chinese national)	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters' control, between at least 2020 and 2022, utilizing Industrial and Commercial Bank of China (Asia) Ltd account number 718823353750
Fairicc Survey & Loss Adjusting Co., Ltd. (China)	Established a relationship with Samhae Insurance Company in 2019
Kaztec Engineering (Nigeria)	Contracted with Samhae Insurance Company for vessel insurance between 2019 and 2020

缩写：KNIC，朝鲜民族保险总公司。

资料来源：会员国、媒体报道¹⁴²和专家小组。¹⁴³

174. 中国答复说，“没有证据表明新元素控股有限公司……参与了违反联合国安理会决议的活动。由于资料不全，无法核实 Li Xianzhu 的情况”（见附件 40，OC.181）。BK & Associates 回复称，它曾代表朝鲜民族保险总公司在法庭上就 57 万欧元的债务催收事宜进行诉讼，并于 2019 年 3 月赢得了有利于朝鲜民族保险总公司的判决，并继续努力执行判决，收取一定比例的索赔，索赔已支付给朝

¹⁴² 见 www.nknews.org/pro/nigerian-firm-wades-into-murky-legal-waters-with-north-korean-insurance-policy。

¹⁴³ 关于 Fairicc 调查和损失理算有限公司，见附件 90。

鲜民族保险总公司。专家小组正在等待表 6 所列其他公司以及据报朝鲜民族保险总公司及其幌子公司或下属公司已与其建立或试图建立关系的其他几十家公司的答复；大多数尚未答复。¹⁴⁴ 调查仍在继续。

Nam Chol Ung

175. 专家小组正在调查一个会员国提供的关于 Nam Chol Ung¹⁴⁵ (남철웅, 见图二十七)的信息, 据报他是侦察总局(KPe.031)的代表, 至少自 2013 年以来在海外从事多项违反安全理事会决议的活动, 包括在老挝人民民主共和国和泰国拥有或经营公司、度假村、餐馆和一个体育场馆, 并能够通过这些实体名下的银行账户进入国际金融体系。据报告, Nam 先生自 2022 年底以来一直在中国大连。据报告, 2023 年, 他伪造贸易合同, 通过大连向朝鲜民主主义人民共和国进口物项, 包括为 Sobaeksu United 公司(据报告隶属于军需工业部(KPe.028))¹⁴⁶ 进口一批润滑油(见附件 91)。中国答复说, “没有发现关于 Nam Chol Ung 在中国参与违反安全理事会有关决议的活动的信息”(见附件 40, OC.357)。老挝人民民主共和国、泰国和大多数公司尚未作出答复。调查仍在继续。

图二十七

Nam Chol Ung



资料来源：会员国。

Kim Song Ho

176. 专家小组正在调查朝鲜民主主义人民共和国官员 Kim Song Ho¹⁴⁷ (김성호), 据多个会员国称, 他至少自 2019 年以来在海外从事违反安全理事会决议的活动,

¹⁴⁴ 一家公司转述了有关朝鲜民族保险总公司 2015 年为一家朝鲜民主主义人民共和国制药厂提出的火灾临时再保险索赔的信息, 包括该公司在宣传再保险合同时可能提供了不准确的药厂信息。

¹⁴⁵ 出生日期: 1969 年 2 月 23 日; 朝鲜民主主义人民共和国护照号码: 108320231(失效日期: 2023 年 8 月)。老挝人民民主共和国此前告知专家小组, Nam 先生已于 2019 年 9 月离开该国, 并与朝鲜民主主义人民共和国驻老挝人民民主共和国大使馆有联系。

¹⁴⁶ 见 S/2020/840, 附件 46; S/2020/151, 第 126 段和附件 30; S/2019/691, 附件 13; S/2017/150, 第 158 和 159 段及附件 14。

¹⁴⁷ 朝鲜民主主义人民共和国护照号码: 108132627(失效日期: 2023 年 3 月)和 927220146(失效日期: 2022 年 4 月)。

包括经营餐馆(见第 157 段)以及与老挝和中国公司进行商品交易(见附件 92)。据报告, Kim Song Ho 至少在 2019 年至 2021 年期间住在老挝人民民主共和国。专家小组正在等待中国公司和老挝人民民主共和国的答复。调查仍在继续。

Choe Song Ryong

177. 专家小组正在调查 Choe Song Ryong (최성룡, 又名 Cui Chenglong), 他是朝鲜民主主义人民共和国国民, 据报住在北京。¹⁴⁸ 据一个会员国称, Choe Song Ryong 与 Ri Chol Nam、¹⁴⁹ Kim Chol Sok¹⁵⁰ 和侦察总局(KPe.031)有联系, 据报曾从事被禁活动, 如经营合资企业、在中国的餐馆雇用朝鲜民主主义人民共和国国民以及可能从事被禁贸易,¹⁵¹ 涉及中国公司 Beijing Tianchicheng Enterprise Management Co., Ltd 和 Beijing Green Valley Tianchi International Trade Co Ltd(见附件 93)。中国答复说: “Beijing Tianchicheng Enterprise Management Co., Ltd 早在 2018 年 1 月就被中国市场监管部门吊销营业执照。没有记录表明 Choe Song Ryong 或 Cui Chenglong 在北京注册的公司中担任股东或高级管理人员”(见附件 40, OC.358)。

其他被禁止的金融活动

178. 专家小组正在调查有关朝鲜民主主义人民共和国继续从事非法贩运野生动物以赚取非法收入的报告。据报告,¹⁵² 朝鲜民主主义人民共和国驻南非大使馆外交官 Yun Kil 在 2022 年企图贩运价值 6 500 万美元的犀牛角。南非尚未作出答复。另一份报告称,¹⁵³ 两名朝鲜民主主义人民共和国国民, 包括据报的情报官员 Yi Kang Dae, 据称在 2022 年 11 月和 2023 年 2 月至少两次资助和(或)以其他方式参与从博茨瓦纳经南非和津巴布韦非法走私犀牛角和象牙到莫桑比克的行动, 马拉维公民也参与其中, 这些犀牛角和象牙被装上船运往第三国。南非和博茨瓦纳答复说, 它们没有发现有关这一活动的记录或相关信息。莫桑比克、津巴布韦和马拉维尚未作出答复。

179. 专家小组调查了一个会员国提供的信息, 即朝鲜民主主义人民共和国 Chinson 总公司¹⁵⁴ 的一名官员和朝鲜民主主义人民共和国驻尼日利亚大使馆的一名官员于 2022 年前往尼日尔取回数十万美元现金, 并将这些资金带回尼日利亚, 很可能是利用外交证书逃避安全理事会第 2270(2016)号决议第 18 段和第 2321(2016)号决议第 13 段要求的检查和行李检查。专家小组指出, 必须采取适

¹⁴⁸ 出生日期: 1967 年 4 月 16 日; 朝鲜民主主义人民共和国护照号码: 108230480 和 836135707。

¹⁴⁹ S/2023/171, 第 155-158 段和附件 26、85 和 88。

¹⁵⁰ S/2022/132, 第 162-165 段; S/2023/171, 第 147 和 148 段。

¹⁵¹ 包括可能进口朝鲜民主主义人民共和国产的煤炭和稀土。

¹⁵² 见 <https://pyongyangpapers.com/investigations/black-market-rhino-horn-help-boost-dprk-weapons-program>。

¹⁵³ 见 www.weekendpost.co.bw/38322/news/north-korea-diplomats-in-suspected-illegal-ivory-trade。

¹⁵⁴ 据报道, Chinson 总公司与 2019 年 12 月 22 日之后在海外赚取收入的医务工作者有关联(见 <https://pyongyangpapers.com/investigations/dprk-hospitals-linked-to-malpractice-in-nigeria>)。

当措施，防止朝鲜民主主义人民共和国国民非法转移大量现金。尼日利亚和尼日尔尚未对专家小组的询问作出答复。

通过网络活动非法创收

180. 在本报告所述期间，朝鲜民主主义人民共和国网络威胁行为体继续以虚拟货币行业为目标，以逃避联合国制裁并创收。据一个会员国称，朝鲜民主主义人民共和国的恶意网络活动产生了其外汇收入的约 50%，并被用于资助其武器计划。¹⁵⁵ 第二个会员国报告说，朝鲜民主主义人民共和国 40% 的大规模毁灭性武器计划由非法网络手段供资。

181. 根据行业和媒体报道、私营部门公司和会员国的信息，专家小组正在调查 2023 年可能由朝鲜民主主义人民共和国负责的 17 起加密货币抢劫案，案值超过 7.5 亿美元(见附件 94)。专家小组正在进一步调查 2017 年至 2023 年期间朝鲜民主主义人民共和国对加密货币相关公司进行的共计 58 次可疑网络攻击，价值约 30 亿美元(见附件 95)。一家网络公司将朝鲜民主主义人民共和国称为“世界上最猖狂的网络盗贼”。¹⁵⁶

182. 朝鲜民主主义人民共和国的恶意网络行为体采用以下模式从加密货币行业相关公司窃取资金(见附件 96)：

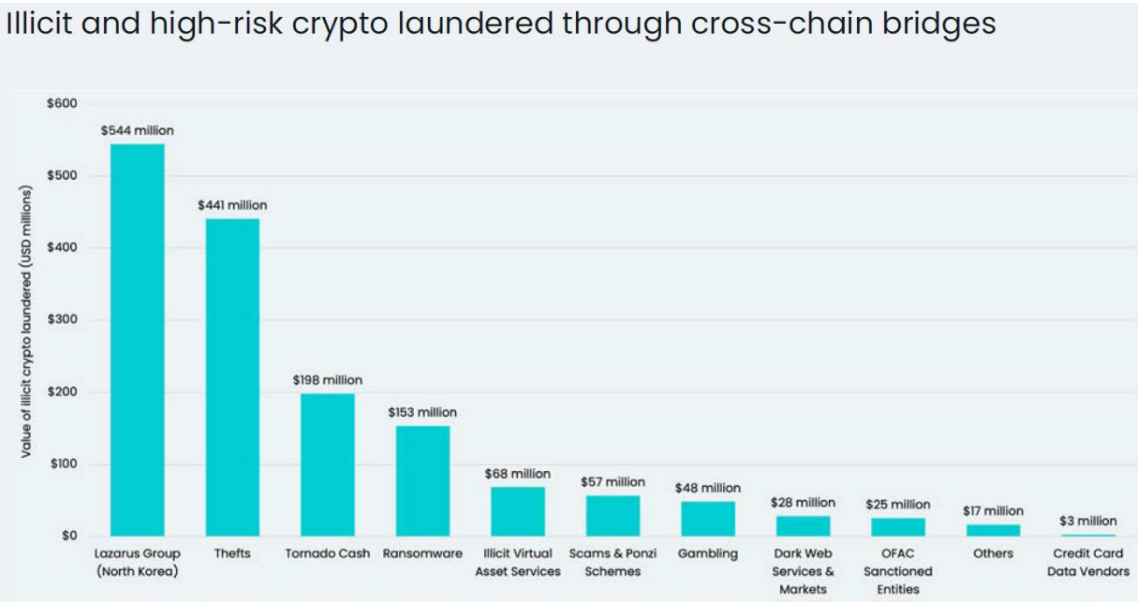
- 攻击载体：
 - 网络钓鱼诱饵
 - 社会工程
 - 弱代码/协议和人为错误
 - 第三方(供应链)
- 加密货币洗钱(分流)：
 - 盗窃多种资产
 - 数百到数千个中介地址
 - 使用比特币网络
 - 通过分散和集中的交易所进行资产交换
 - 越来越多地使用跳链
 - 桥接(见图二十八)
 - 即时兑换服务
 - 混合器和隐私协议

¹⁵⁵ 见 www.ibtimes.com/north-korea-earns-half-its-foreign-currency-income-hacks-cyberattacks-biden-official-3697701。

¹⁵⁶ 见 www.trmlabs.com/post/north-korean-hackers-stole-600-million-in-crypto-in-2023。

- 在多个链上移动，包括不常见的代币
- 加速以防止资金冻结
- 日益依赖邻国(俄罗斯联邦和中国)的服务
- 套现(整合):
 - 倾向于使用 TRON 区块链和稳定币，尤其是泰达币(USDT)
 - 严重依赖第三方洗钱者和场外交易经纪人(高交易量、高价值地址)¹⁵⁷
 - 购买凭证和受损账户
 - 较少依赖集中式交易所

图二十八
据报 2023 年 Lazarus 集团使用桥接的情况



缩写：OFAC，外国资产管制处。

资料来源：www.elliptic.co/resources/state-of-cross-chain-crime-2023。

183. 一家加密货币服务公司报告称，2023 年末扣留了价值约 580 万美元的与朝鲜民主主义人民共和国有关的加密货币转账，此后该平台上与朝鲜民主主义人民共和国有关的活动大幅减少。附件 97 提供了与朝鲜民主主义人民共和国有关的钱包、电子邮件和互联网协议地址。第二个服务公司报告说，2023 年涉及朝鲜民主主义人民共和国附属行为体的网络活动“激增”，并封锁了 1 600 多个相关的加密货币地址。一家网络安全公司告诉专家小组，当服务和协议公司采取冻结资金等行动时，朝鲜民主主义人民共和国行为体会迅速转向其他服务。

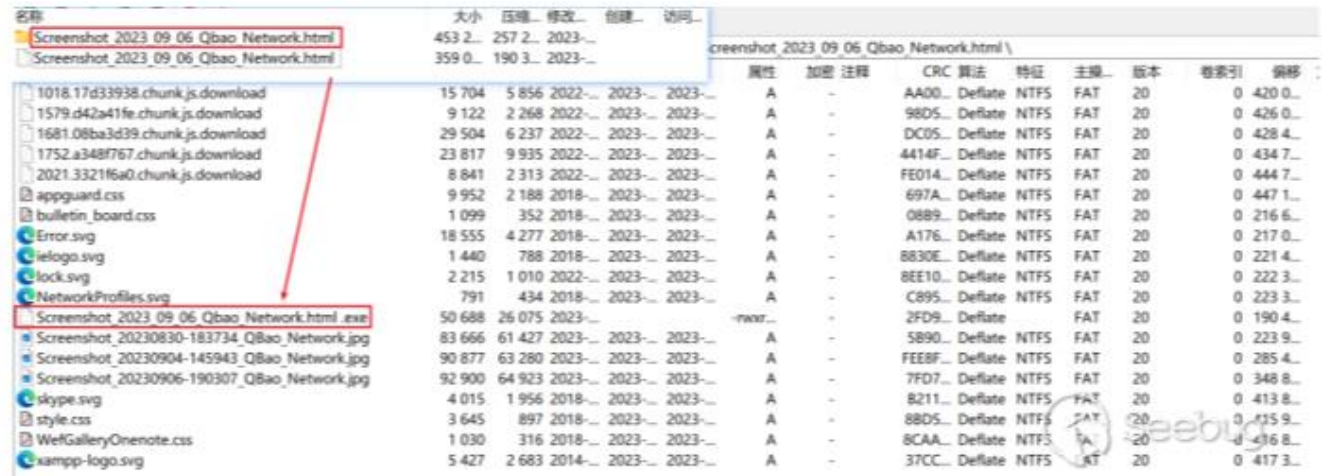
¹⁵⁷ S/2023/656，第 142 段。2023 年 10 月，一家区块链公司告诉专家小组，场外交易员 Wu Huihui 和 Cheng Hung Man 仍在积极将朝鲜民主主义人民共和国盗取的大部分加密货币资金转换为法定货币。

ScarCruft (APT 37)

184. ScarCruft¹⁵⁸ 利用 WinRAR 软件漏洞(CVE-2023-38831)对加密货币行业发起了据称是首次发现的攻击。¹⁵⁹ 据报告, ScarCruft 将恶意有效载荷伪装成加密货币钱包截图来提供有效载荷(见图二十九)。一旦恶意 ZIP 文件被提取和执行, 恶意软件就可以让威胁行为体从受害者的账户中取款。¹⁶⁰

图二十九

据报 ScarCruft 恶意软件文件截图



名称	大小	压缩	修改	创建	访问	属性	加密	注释	CRC	算法	特征	主键	版本	卷索引	偏移
Screenshot_2023 09 06 Qibao Network.html	453 2...	257 2...	2023...												
Screenshot_2023 09 06 Qibao Network.html	359 0...	190 3...	2023...												
1018.17d33938.chunk.js.download	15 704	5 856	2022...	2023...	2023...	A	-		AA00...	Deflate	NTFS	FAT	20	0 420 0...	
1579.d42a41fe.chunk.js.download	9 122	2 268	2022...	2023...	2023...	A	-		9805...	Deflate	NTFS	FAT	20	0 426 0...	
1681.08ba3d39.chunk.js.download	29 504	6 237	2022...	2023...	2023...	A	-		DC05...	Deflate	NTFS	FAT	20	0 428 4...	
1752.a348f767.chunk.js.download	23 817	9 935	2022...	2023...	2023...	A	-		4414F...	Deflate	NTFS	FAT	20	0 434 7...	
2021.3321f6a0.chunk.js.download	8 841	2 313	2022...	2023...	2023...	A	-		FE014...	Deflate	NTFS	FAT	20	0 444 7...	
appguard.css	9 952	2 188	2018...	2023...	2023...	A	-		697A...	Deflate	NTFS	FAT	20	0 447 1...	
bulletin_board.css	1 099	352	2018...	2023...	2023...	A	-		0889...	Deflate	NTFS	FAT	20	0 216 6...	
Error.svg	18 555	4 277	2018...	2023...	2023...	A	-		A176...	Deflate	NTFS	FAT	20	0 217 0...	
elogo.svg	1 440	788	2018...	2023...	2023...	A	-		8830E...	Deflate	NTFS	FAT	20	0 221 4...	
lock.svg	2 215	1 010	2022...	2023...	2023...	A	-		8EE10...	Deflate	NTFS	FAT	20	0 222 3...	
NetworkProfiles.svg	791	434	2018...	2023...	2023...	A	-		C895...	Deflate	NTFS	FAT	20	0 223 3...	
Screenshot_2023 09 06 Qibao Network.html.exe	50 688	26 075	2023...			-near	-		2FD9...	Deflate	FAT	20	0 190 4...		
Screenshot_20230830-183734_QBao_Network.jpg	83 666	61 427	2023...	2023...	2023...	A	-		5B90...	Deflate	NTFS	FAT	20	0 223 9...	
Screenshot_20230904-145943_QBao_Network.jpg	90 877	63 280	2023...	2023...	2023...	A	-		FEEBF...	Deflate	NTFS	FAT	20	0 285 4...	
Screenshot_20230906-190307_QBao_Network.jpg	92 900	64 923	2023...	2023...	2023...	A	-		7FD7...	Deflate	NTFS	FAT	20	0 348 8...	
skype.svg	4 015	1 956	2018...	2023...	2023...	A	-		8211...	Deflate	NTFS	FAT	20	0 413 8...	
style.css	3 645	897	2018...	2023...	2023...	A	-		88D5...	Deflate	NTFS	FAT	20	0 415 9...	
WebGalleryOenote.css	1 030	316	2018...	2023...	2023...	A	-		8CAA...	Deflate	NTFS	FAT	20	0 416 8...	
xampp-logo.svg	5 427	2 683	2014...	2023...	2023...	A	-		37CC...	Deflate	NTFS	FAT	20	0 417 3...	

资料来源: <https://paper.seebug.org/3033>。

Kimsuky (APT 43)

185. Kimsuky 行为体通过挖矿、提供半合法服务和网络犯罪活动(如诈骗、盗窃、欺诈、加密劫持和勒索活动)获取加密货币, 以混淆其交易并为间谍活动提供资金, 包括购买硬件、运营基础设施、哈希租用和云挖矿服务, 以清洗盗取的加密货币(见图三十)。¹⁶¹ 据报告, Kimsuky 已对“即使没有上千、也有上百”的受害者进行了加密劫持。据观察, Kimsuky 一直在开采门罗币(XMR), 很可能以其他货币收取付款, 如以太坊(ETH)。

186. 据一个会员国执法机构称, 2023 年, Kimsuky 行为体窃取了 1 468 人的电子邮件和其他账户信息, 其中包括数十名政府官员。据报告, Kimsuky 试图利用窃取的账户凭证从 19 名受害者那里窃取虚拟资产, 并在通过此次行动占取的服

¹⁵⁸ 历史上隶属于朝鲜民主主义人民共和国国家保卫省。

¹⁵⁹ 见 <https://paper.seebug.org/3033>。

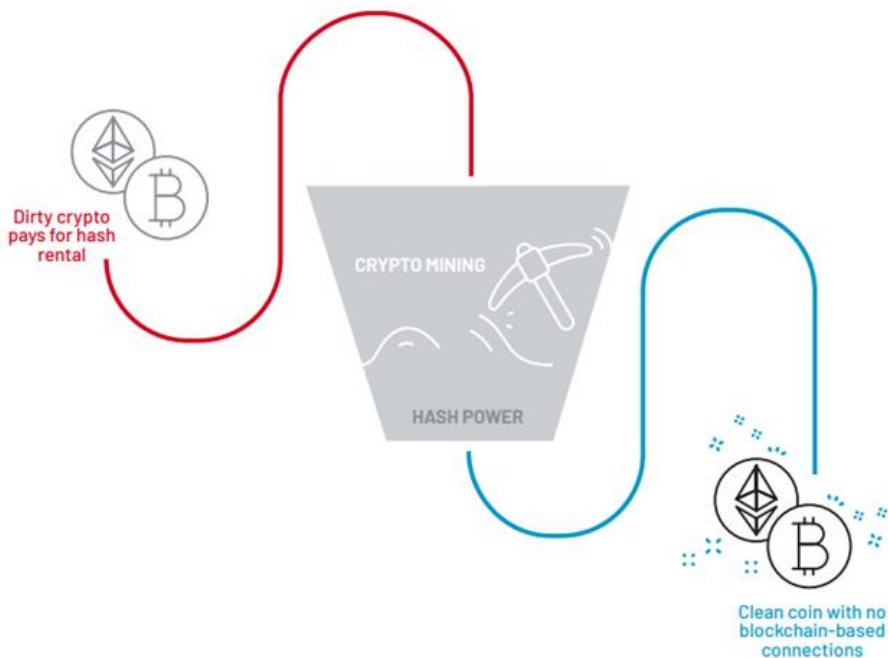
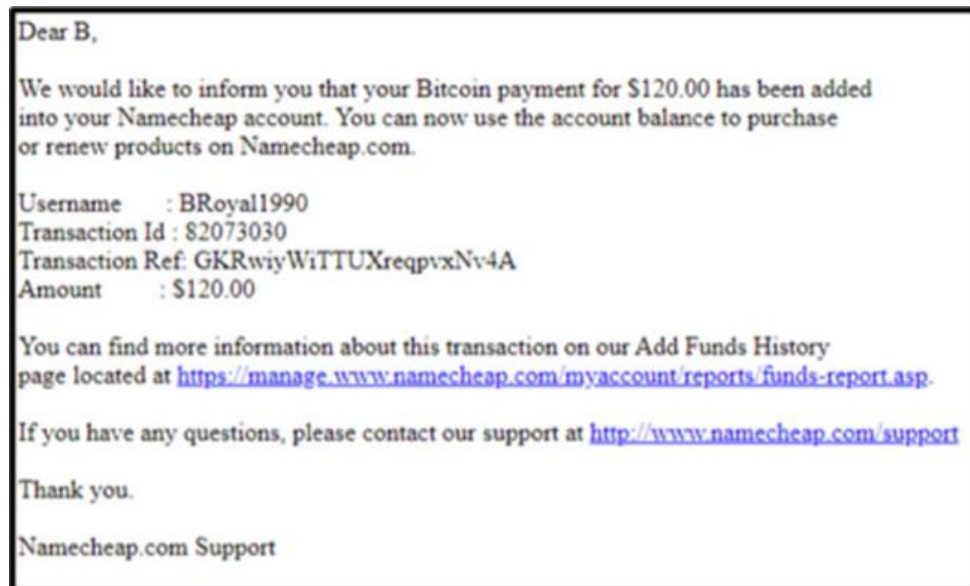
¹⁶⁰ 见 www.group-ib.com/blog/cve-2023-38831-winrar-zero-day。

¹⁶¹ 见 www.mandiant.com/resources/blog/apt43-north-korea-cybercrime-espionage、www.mandiant.com/resources/blog/north-korea-cyber-structure-alignment-2023 和 www.chainalysis.com/blog/kimsuky-south-korea-sanctions-june-2023。

务器上进行加密货币挖矿。¹⁶² 11 月，又有两个会员国指认了 Kimsuky(见附件 98)。¹⁶³

图三十

据报 Kimsuky 网络犯罪行为



资料来源：www.mandiant.com/resources/blog/apt43-north-korea-cybercrime-espionage。

¹⁶² 见 <https://en.yna.co.kr/view/AEN20231121006800315?section=national/national>； S/2023/656，附件 63。

¹⁶³ 见 <https://home.treasury.gov/news/press-releases/jy1938>、https://www.mofa.go.jp/mofaj/press/release/pressit_000001_00026.html。

Andariel

187. Andariel 渗透了金融机构的网站，并通过对三家公司的勒索软件攻击，又盗取了价值 360 000 美元的比特币(BTC)(另见第 134 段)。¹⁶⁴ 据信，其中一些资金通过第三国加密货币交易所和一个协助者兑换成法定货币，转入第三国银行账户，并在中国和朝鲜民主主义人民共和国边界附近的一家银行提取，从而进入朝鲜民主主义人民共和国。在整个 2022 年，Andariel 利用勒索软件活动资助其他恶意活动，特别是网络间谍活动。¹⁶⁵

以加密货币和金融行业为目标

188. Lazarus 集团和 BlueNoroff 正在多个平台上部署针对加密货币行业工作人员的网络钓鱼活动，包括区块链工程师和其他开发人员，以进入公司网络进行后续攻击(见图三十一和附件 99)。此外，朝鲜民主主义人民共和国的行为体正在部署多个复杂的攻击阶段，使用不同的防御规避技术，在各种平台上发起接触和托管恶意软件。¹⁶⁶

图三十一

据报朝鲜民主主义人民共和国攻击目标



资料来源: <https://twitter.com/KSeznec/status/1717542794942660771>。

189. BlueNoroff 行为体欺骗日本、越南和美国的金融机构和风险投资公司，诱骗潜在受害者打开恶意内容或提供登录凭证(见附件 100)。¹⁶⁷

¹⁶⁴ 见 www.recordedfuture.com/north-korea-aligned-tag-71-spoofs-financial-institutions、www.koreatimes.co.kr/www/nation/2023/12/103_364423.html、www.yna.co.kr/view/AKR20231204049700004、<https://boannews.com/media/view.asp?idx=124405> 和 https://english.chosun.com/site/data/html_dir/2023/12/05/2023120501179.html。

¹⁶⁵ 见 www.mandiant.com/resources/blog/north-korea-cyber-structure-alignment-2023。

¹⁶⁶ 见 <https://hub.elliptic.co/analysis/has-a-sanctioned-bitcoin-mixer-been-resurrected-to-aid-north-korea-s-lazarus-group>。

¹⁶⁷ 见 www.recordedfuture.com/north-korea-aligned-tag-71-spoofs-financial-institutions。

勒索软件

190. Lazarus 集团行为体与一家大韩民国公司合作散布勒索软件，并从 700 多名受害者那里收取了约 260 万美元的恢复费用。据报告，一些收益被转入 Lazarus 集团所有的一个加密货币钱包。¹⁶⁸

建议

191. 专家小组建议委员会考虑指认：

(a) Nam Chol Ung;

(b) Lazarus 集团、Andariel、BlueNoroff、ScarCruft 和 Kimsuky。¹⁶⁹

192. 专家小组重申其建议，即会员国应尽快执行金融行动特别工作组关于虚拟资产和虚拟资产服务提供商的指导意见。

193. 专家小组鼓励会员国、企业和个人适当注意加强网络安全，包括附件 101 中汇编的有效网络安全做法，以打击朝鲜民主主义人民共和国通过网络活动逃避安全理事会决议的行为。

194. 专家小组建议私营部门实体审查会员国和网络安全公司发布的与朝鲜民主主义人民共和国有关的虚拟货币地址的信息，并保持警惕，防范直接使用这些地址或从这些地址衍生的交易。

195. 专家小组建议会员国考虑建立报告系统，与加密货币行业和私营部门分享与朝鲜民主主义人民共和国有关的网络威胁信息。

196. 专家小组建议，所有加密货币平台和协议(包括分散式和集中式交易所、桥接器、即时兑换服务、混合器和隐私协议)都应实施适当的反洗钱和“了解你的客户”方案，并建立程序和强化监测和检测机制，以查明可能的朝鲜民主主义人民共和国交易，例如基于用户行为模式和系统配置分析的规则，¹⁷⁰ 以更好地防止非法的朝鲜民主主义人民共和国网络行为体滥用这些服务(另见附件 101)。

197. 专家小组鼓励会员国进行虚拟资产风险评估，并将扩散融资和与朝鲜民主主义人民共和国有关的考虑因素作为评估的一部分。

六. 制裁的意外人道主义影响

198. 安全理事会一再重申，联合国制裁无意对朝鲜民主主义人民共和国平民造成不利的人道主义后果，朝鲜是充分满足其人民的生计和需求的首要责任方。专家小组根据第 2397(2017)号决议第 24 和 25 段、第 2664(2022)号决议和其他相

¹⁶⁸ 见 www.spo.go.kr/site/spo/ex/board/View.do?cbIdx=1403&bcIdx=1043403、www.chosun.com/national/2023/10/27/AY6DLNSW4FFDHAKPHVFTPP2UNE 和 www.donga.com/news/Society/article/all/20231128/122390037/1。

¹⁶⁹ 专家小组两名成员认为，应进一步调查，以提出指认这些网络行为体的建议。

¹⁷⁰ 除根据制裁名单、公开识别的钱包地址等进行“传统”交易筛查外。

关决议，继续监测制裁对人道主义局势和对该国人道主义援助影响的相关现有信息。

人道主义局势

199. 专家小组继续认识到，缺乏关于朝鲜民主主义人民共和国人道主义状况的可靠数据，也没有将多边制裁的后果与其他因素分开的方法。

200. 联合国实体、会员国和非政府组织继续评估认为，人道主义局势正在恶化。这可能是许多因素的综合结果，包括该国优先发展大规模毁灭性武器和弹道导弹计划的社会经济政策、COVID-19 大流行的后果和由此造成的边境关闭、自然灾害、朝鲜民主主义人民共和国政府不重视人道主义援助，以及制裁的意外影响。

201. 2023 年下半年出现了一些积极的发展，包括由于“多种不同作物的秋季收成不错”，¹⁷¹ 粮食价格降至 2019 年以来的最低水平，食品和消费品进口部分“正常化”，以及一些拯救生命的人道主义援助增加。然而，这些改善并没有在全国范围内均匀分布，2023 年仍有约 1 130 万人需要援助。¹⁷²

202. 各种信息来源表明，¹⁷³ 朝鲜民主主义人民共和国当局在 2023 年更加关注人民生计、农业和粮食生产。¹⁷⁴ 朝鲜民主主义人民共和国建造了住房、消费品工厂、温室、医疗设施和娱乐设施，包括儿童娱乐设施，宣布在轻工业和渔业方面取得了成就，并显著增加了大米、农作物和化肥的进口(见附件 104)。¹⁷⁵ 该国还宣布将改进“农业机械工业”作为优先事项。

203. 尽管难以准确具体说明，但专家小组根据以往评估¹⁷⁶ 以及会员国、人道主义行为体和独立专家提供的信息，注意到，尽管自 2020 年初以来制裁的相对影响有所减弱，但毫无疑问，联合国的制裁及其实施无意中影响了人道主义局

¹⁷¹ 一个会员国估计收成为 482 万吨，比 2022 年增长 6%(见 www.rda.go.kr/board/board.do?mode=view&prgId=day_farmprmninfoEntry&dataNo=100000792230)。

¹⁷² 见 www.fao.org/documents/card/en/c/cc3017en。

¹⁷³ 见 <https://kcnawatch.org/newstream/1703628420-682804747/9th-Plenary-Meeting-of-8th-WPK-Central-Committee-Held>、<http://rodong.rep.kp/ko/index.php?MTJAMjAyMy0xMS0xMCIOMDMwQDElQDJAQDBAMzA==> 和 <https://kcnawatch.org/newstream/1676538621-757268758/ground-breaking-ceremony-of-kangdong-greenhouse-farm-held-respected-comrade-kim-jong-un-attends-ceremony-and-shovels-first-spade-ful-of-earth/b>。

¹⁷⁴ 12 月，劳动党第八届中央委员会第九次全体会议宣布“实现国民经济发展的 12 项目标”，其中粮食生产从 2023 年开始被放在优先地位，见 <https://kcnawatch.org/newstream/1687168989-888004479/Report-on-8th-Enlarged-Plenary-Meeting-of-8th-WPK-Central-Committee> 和 <https://kcnawatch.org/newstream/1704024510-989741431/Report-on-9th-Enlarged-Plenum-of-8th-WPK-Central-Committee>。

¹⁷⁵ 见 www.nknews.org/pro/north-korean-rice-imports-from-china-drop-amid-alleged-arms-trade-with-russia。

¹⁷⁶ S/2019/171，第 176 段；S/2019/691，第 83 段；S/2020/151，第 209 段；S/2020/840，第 156-158 和 160 段；S/2021/211，第 168-171 段；S/2021/777，第 174-178 段；S/2022/132，第 187-190 段；S/2022/668，第 163-166 段；S/2023/171，第 179 和 180 段。

势和援助行动的某些方面，加剧了该国低效率、低成效的经济政策造成的问题。影响可能包括：

(a) 该国为应对制裁，精英阶层加强了对经济、社会和政治的控制，集中了经济管理，压制了基层市场化和市场部门；¹⁷⁷

(b) 在 2016 年和 2017 年安全理事会决议通过后，有记录的出口收入下降了 90%(见附件 102 和 104)，¹⁷⁸ 为应对这一情况，朝鲜民主主义人民共和国可能优先采购军事相关商品和技术，而不是进口消费品和粮食，尽管专家小组没有必要的财务数据；^{179、180}

(c) 鉴于该国的优先进口产品，商品进口限制导致农业设备¹⁸¹ 和燃料持续短缺，尽管 2023 年有所缓解，但加剧了农业的低水平；¹⁸²

(d) 其他机械项目的采购，如一些水、环境卫生和个人卫生以及灌溉设备、备件和相关材料，也可能受到类似影响；

(e) 对精炼石油的进口限制可能影响到燃煤热电厂的运行，可能造成能源短缺，尽管一些统计数据显示能源总产量稳定(见附件 105)。进口限制可能进一步影响到本已极为有限的运输能力；

(f) 受制裁影响行业的雇员生计来源减少，由此造成的失业持续(见附件 106)；

(g) 鉴于该国的优先进口产品，出口收入减少和直接禁止进口金属和设备，造成医疗供应链中断；^{183、184}

(h) 在某些情况下，一些参与运送消费品和人道主义物品的行为者过度遵守制裁，甚至对那些不受联合国制裁限制的物品也是如此。

¹⁷⁷ S/2019/171，第 176 段；S/2019/691，第 83 段；S/2020/151，第 209 段。

¹⁷⁸ 例如，煤炭作为主要出口商品，其收入在 2010 年代中期占收入一半左右，但现已枯竭。见附件 103。

¹⁷⁹ 专家小组注意到，朝鲜民主主义人民共和国有出口以外的收入来源，如网络活动(见第 180-190 段)。

¹⁸⁰ 朝鲜民主主义人民共和国因 COVID-19 关闭边境进一步减少了该国的出口/收入。

¹⁸¹ 2022 年，朝鲜民主主义人民共和国的军工业生产了 5 500 台农用机械；2023 年 9 月，该国宣布其军工业和机械制造业已生产了 1 万多台农用机械。一位专家指出，这些机器使用了进口部件(见 <https://kcnawatch.org/newstream/1664356199-252182552/kim-jong-un-sends-farm-machines-to-south-hwanghae-province>)。

¹⁸² S/2019/171，附件 86 和 87。

¹⁸³ 例如，据一个援助组织称，大多数与保健有关的采购品都有金属成分，“至少有一个欧洲国家的救命药品制造商以[安全理事会]制裁为由，拒绝向[朝鲜民主主义人民共和国]运送药品的采购订单”(见附件 108)。

¹⁸⁴ 不禁止向朝鲜民主主义人民共和国出口药品和医疗用品，而人道主义组织已作出努力，通过既定和运作良好的人道主义豁免程序，向该国提供相关用品。

204. 大流行前，人道主义援助的规模约为每年人均 2 美元；由于朝鲜民主主义人民共和国关闭边界，援助实际上停止了三年，此后，联合国的援助(向特别高危群体提供的救生援助)在 2023 年增加，约为人均 0.5 美元。然而，朝鲜民主主义人民共和国已不愿意接受援助，在此背景下，人道主义援助无法充分减轻制裁对弱势群体造成的任何意外影响。

人道主义组织的业务

205. 专家小组与人道主义援助行为体、会员国和联合国机构接触，并继续向人道主义组织发送调查问卷(见附件 107)，匿名答复载于附件 108。

206. 人道主义组织报告说，提供人道主义援助的障碍包括：其工作人员无法进入该国和监测援助提供情况；缺乏确定需求的数据；制裁的影响或制裁加剧，包括完成豁免程序的额外工作；捐助方兴趣降低；采购和运输费用增加；项目类型受限；降低风险和过度合规；仍然缺乏银行渠道；朝鲜民主主义人民共和国的政策和官僚制度复杂。

207. 一些组织告诉专家小组，鉴于朝鲜民主主义人民共和国目前的边境限制，联合国制裁对人道主义局势或援助的提供没有重大直接影响。两个组织指出，关闭边界和制裁对人道主义局势和提供援助产生了综合负面影响。一个组织指出，在所有援助行动链中，降低风险和过度合规是一个主要问题。据一个会员国称，民用经济日益军事化，¹⁸⁵ 使朝鲜民主主义人民共和国境内的人道主义援助活动进一步复杂化。

208. 大多数作出答复的组织预计近期内无法恢复业务。

209. 大多数作出答复的组织继续报告对改进后的豁免程序表示满意。¹⁸⁶ 然而，一个会员国和几个组织继续建议延长豁免期或自动延长豁免期，解决银行渠道问题，以及对某些低风险产品实行长期豁免(“白名单”或“绿名单”)。

210. 在本报告所述期间，委员会批准了 7 项新的豁免和 20 项人道主义援助延期。

建议

211. 专家小组重视联合国有关实体每年两次就制裁的意外影响进行情况通报，并继续建议委员会延续这一做法。

212. 专家小组建议委员会继续强调为在朝鲜民主主义人民共和国开展人道主义行动重建持久银行渠道的重要性，并建议委员会优先处理这一问题。

213. 专家小组建议委员会与相关监管机构讨论可能的指导意见，以缓解银行和其他机构在涉及朝鲜民主主义人民共和国制裁时降低风险的问题。

¹⁸⁵ 例如见 www.thedrive.com/the-war-zone/north-korea-debuts-rocket-launchers-that-appear-as-civilian-trucks 和 <https://twitter.com/nknewsorg/status/1700375804902031582>。

¹⁸⁶ 如第 7 号执行援助通知所述。

214. 专家小组建议，秘书处继续与联合国机构和非政府组织探讨如何在银行渠道安排中断后为其在朝鲜民主主义人民共和国的人道主义援助方案转移资金。

215. 专家小组强调其先前的建议，即：

- 在执行安全理事会第 2664(2022)号决议方面，联合国系统，包括委员会，考虑到人道主义行为体提供的关于减轻联合国制裁对平民和对朝鲜民主主义人民共和国人道主义援助的潜在不利影响的信息；
- 安全理事会继续处理各种问题和进程，以减轻制裁在人道主义援助行动方面可能对朝鲜民主主义人民共和国平民造成的意外不利影响；
- 委员会和其他相关利益攸关方继续切实考虑豁免目前受制裁的某些出口产品，这些出口的收益可用于资助人道主义物资供应；
- 委员会考虑与向朝鲜民主主义人民共和国提供人道主义援助的民间社会开展更积极的外联活动，以帮助执行安全理事会第 2664(2022)号决议；
- 委员会切实考虑对人道主义援助行为体和人道主义相关商品给予可延长和长期豁免的想法。

七. 国家执行情况报告

会员国报告相关决议执行情况的现况

216. 截至2024年1月26日，有66个会员国提交了关于安全理事会第2397(2017)号决议第8段执行情况的报告，81个会员国提交了关于第2397(2017)号决议第17段执行情况的报告，95个会员国提交了关于第2375(2017)号决议执行情况的报告，90个会员国提交了关于第2371(2017)号决议执行情况的报告，107个会员国提交了关于第2321(2016)号决议执行情况的报告，115个会员国提交了关于第2270(2016)号决议执行情况的报告。尽管报告总数有所增加，但专家小组注意到，仍有很多会员国(127个)未就第2397(2017)号决议提交报告。

217. 专家小组注意到，截至2023年12月，193个会员国中只有130个会员国至少提交了一份国家执行情况报告。这意味着近三分之一的会员国从未向安全理事会提交过国家执行情况报告，因此没有履行其决议义务。

218. 为更好地了解和协助会员国改进国家执行情况报告的提交，专家小组于2023年12月就这一义务致函62个会员国，并表示愿意提供协助(见附件109)。对专家小组询问的两份答复见附件110。

219. 专家小组向会员国及相关实体和个人发出的询问的总体答复率仍然很低。专家小组谨回顾，安全理事会已呼吁所有国家、联合国有关机构和其他有关各方与专家小组充分合作，提供它们所掌握的信息。

八. 建议

220. 建议综合清单载于附件 112。

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Annex 1: IAEA Director General statement on recent developments in the DPRK's nuclear programme (21 December 2023)

In my opening statement to the Board on 22 November, I reported that we had observed increased levels of activity at, and near, the Light Water Reactor (LWR) at Yongbyon, and also – since mid-October – a strong water outflow from its cooling system. These observations were consistent with the commissioning of the LWR.

More recent observations indicate that this water discharge is warm, which is also consistent with ongoing commissioning of the LWR, a process that takes some time for any new reactor. **However, the discharge of warm water is indicative the reactor has reached criticality.** It remains the case that without access to the facility the Agency cannot confirm its operational status.

The LWR, like any nuclear reactor, can produce plutonium in its irradiated fuel, which can be separated during reprocessing, so this is a cause for concern.

Concerning the safety of the LWR, we do not have sufficient information to make an assessment. Of course, safety should always be the paramount issue when starting a new reactor. Nuclear safety is a sovereign responsibility of the State and the IAEA supports the States in this area.

I repeat that the further development of the DPRK's nuclear programme, including the construction and operation of the LWR, is a violation of UN Security Council resolutions and is deeply regrettable.

I call upon the DPRK to comply fully with its obligations under Security Council resolutions, to cooperate promptly with the Agency in the full and effective implementation of its NPT Safeguards Agreement and to resolve all outstanding issues, especially those that have arisen during the absence of Agency inspectors from the country. The Agency is ready to engage on any of the above issues, including safety.

Source: IAEA, <https://www.iaea.org/newscenter/pressreleases/iaea-director-general-statement-on-recent-developments-in-the-dprks-nuclear-programme> (underlined and bolded by the Panel).

Annex 2: Activities at LWR (39° 47' 45" N 125° 45' 18" E)

*In the annexes of the nuclear section, annotations in red boxes are observations during the reporting period, while those with yellow characters in black boxes are previous observations.



Source: Maxar Technologies, 4 October 2023.

1) Water discharge



Source: Planet Labs., 25 November 2023, 17 December 2023.



Source: Planet Labs., 21 December 2023, Maxar Technologies, 14 January 2024.

2) The observation of past trenching works from LWR to water discharging points

Satellite imagery analysis showed efforts of trenching works which appeared to connect LWR to multiple discharging points since between 2012 and 2013.¹⁸⁷ Possible earlier efforts of water discharge were detected in 2013 near current discharging point. According to the IAEA, indications of tests of cooling water system were observed occasionally since 2019.¹⁸⁸ The Panel reported in 2017 that hot water was discharged through the drainage channel of LWR, suggesting a possible test of the cooling water system in 2017.¹⁸⁹ Additional trenching works and modification of the riverbank were conducted around the current discharging points since then.



Source: Google Earth Pro, 26 January 2024.

¹⁸⁷ See also <https://www.38north.org/2019/12/yongbyon120519/>, <https://fsi.stanford.edu/publication/north-korean-nuclear-facilities-after-agreed-framework>, and <https://isis-online.org/isis-reports/detail/north-koreas-clwr-finally-operational-after-a-long-delay/>.

¹⁸⁸ IAEA, GOV/2022/40-GC (66), para 46.

¹⁸⁹ S/2017/742, para 17.



Source: Maxar Technologies, 2 May 2023.

3) Construction activities near the reactor (39° 47' 45" N 125° 45' 21" E)



Source: Maxar Technologies, 21 July 2023, 8 August 2023, 3 November 2023, 10 December 2023.

4) Construction activities at far south area of LWR (39° 47' 33" N 125° 45' 13" E)



Source: Planet Labs, 26 February 2023, Maxar Technologies, 1 April 2023, 4 June 2023, 21 July 2023, Planet Labs, 24 November 2023.

Annex 3: Activities at 5MW(e) reactor (39° 47' 51" N 125° 45' 20" E)

*In the annexes of the nuclear section, annotations in red boxes are observations during the reporting period, while those with yellow characters in black boxes are previous observations.



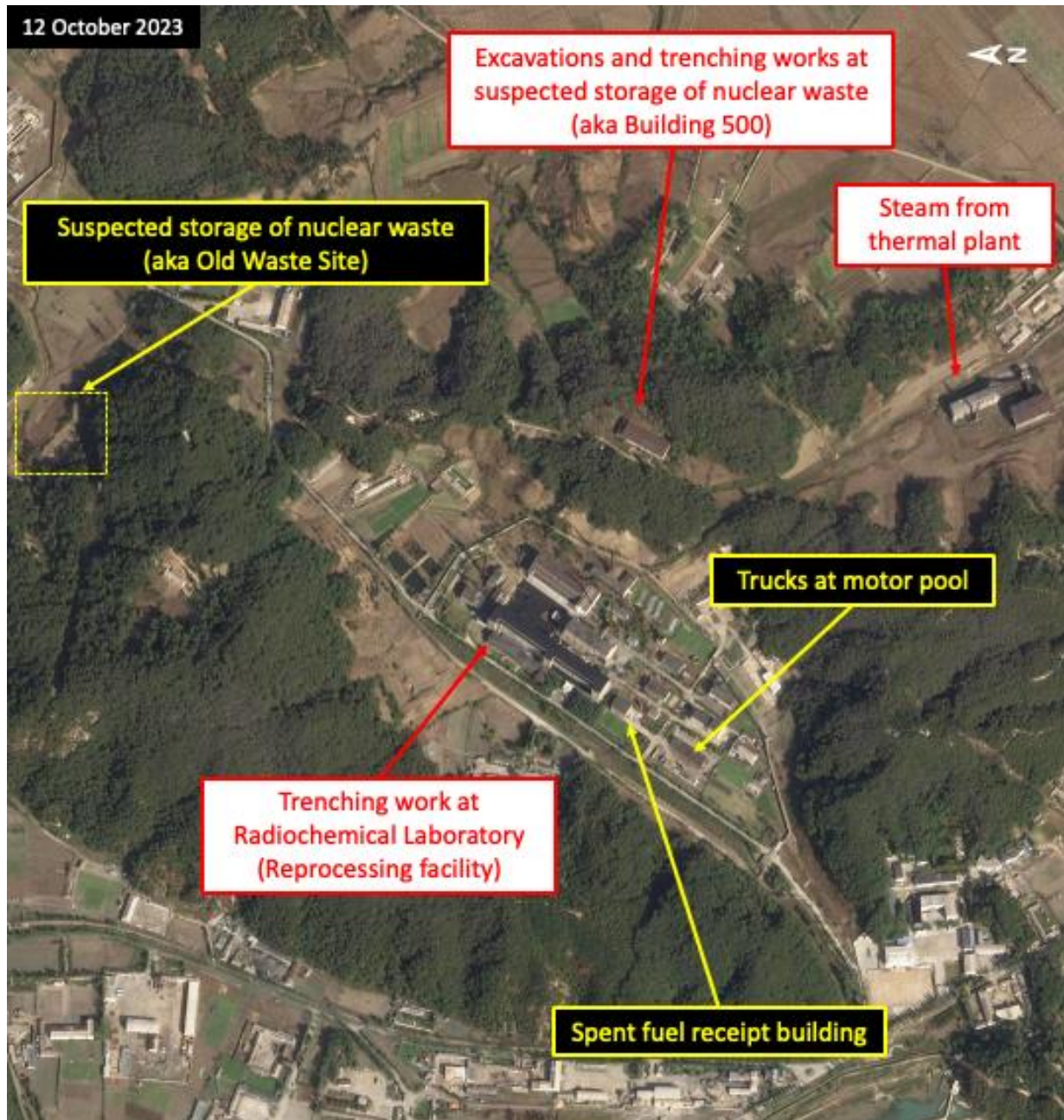
Source: Maxar Technologies, 23 September 2023, Planet Labs, 12 October 2023.



Source: Maxar Technologies, 7 November 2023, Planet Labs, 6 January 2024.

Annex 4: Radiochemical Laboratory (39° 46' 50" N 125° 45' 08" E)

*In the annexes of the nuclear section, annotations in red boxes are observations during the reporting period, while those with yellow characters in black boxes are previous observations.



Source: Planet Labs, 12 October 2023.

1) Smoke from thermal plant (39° 46' 34" N 125° 45' 26" E)



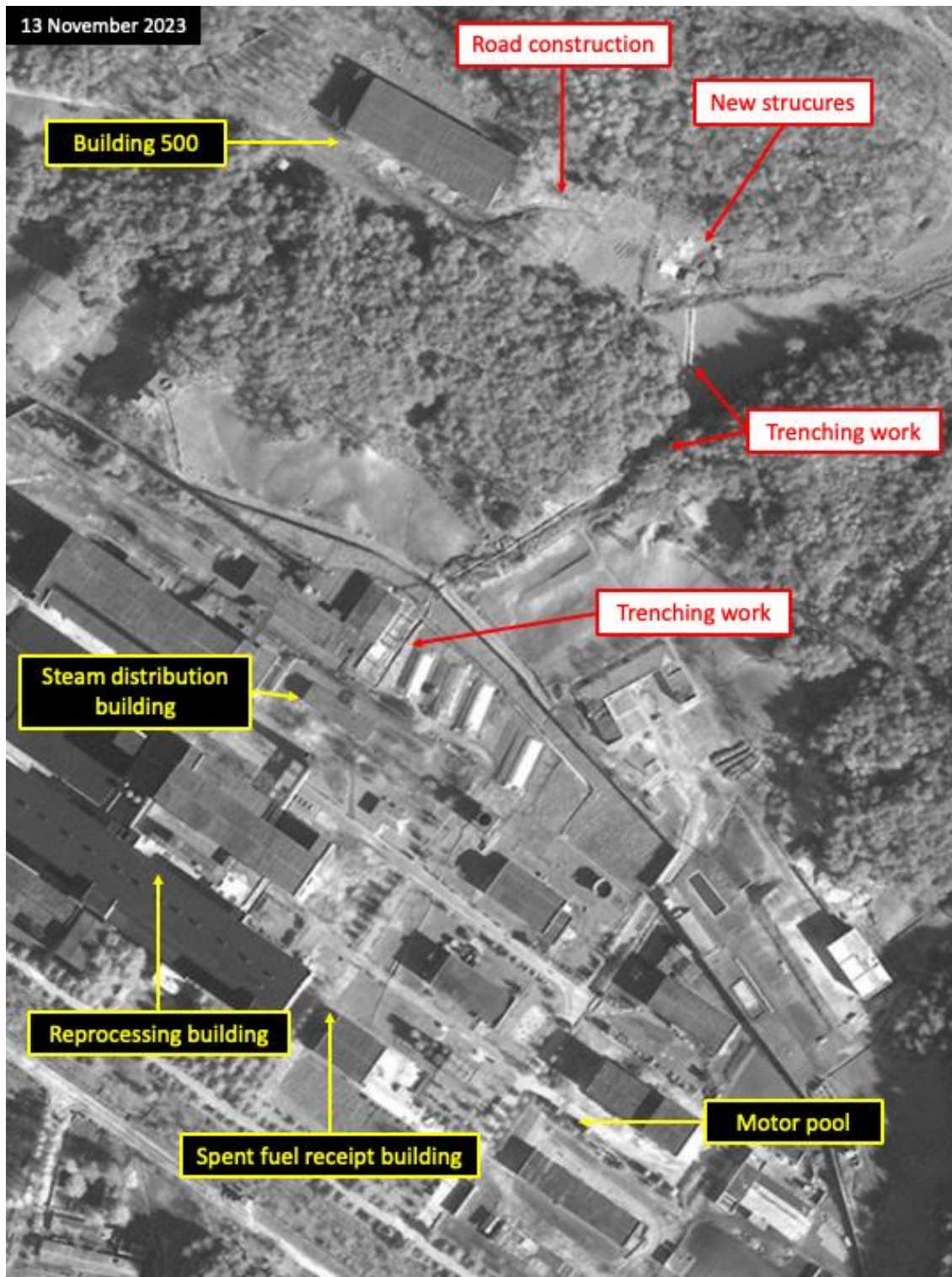
Source: Maxar Technologies, 21 July 2023, Planet Labs, 31 July 2023.

2) Activities at Building 500 (39° 46' 49" N 125° 45' 23" E)



Source: Maxar Technologies, 16 June 2023, 25 June 2023.

3) Trenching work between Building 500 and Reprocessing facility



Source: Maxar Technologies, 13 November 2023.



Source: Maxar Technologies, 24 October 2023, 30 October 2023, 7 November 2023, 13 November 2023.

Annex 5: Activities at the Yongbyon Nuclear Fuel Rod Fabrication Plant (39°46'15"N 125°44'57"E)

*In the annexes of the nuclear section, annotations in red boxes are observations during the reporting period, while those with yellow characters in black boxes are previous observations.



Source: Maxar Technologies, 4 October 2023.

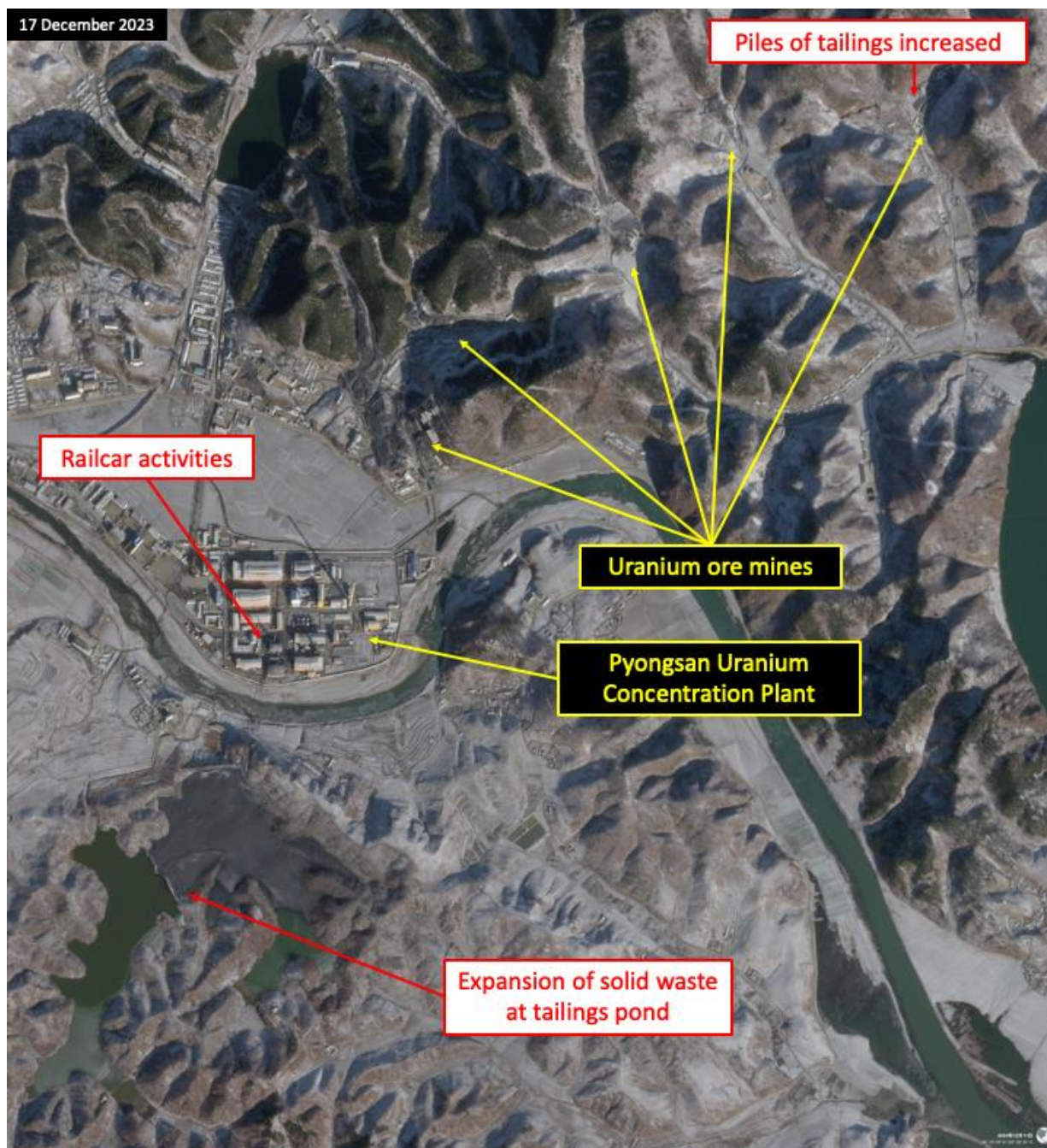
1) Activities at UF4 production process building (39° 46' 09" N 125° 44' 55" E)



Source: Planet Labs, 12 October 2023, Maxar Technologies, 24 October 2023.

Annex 6: Activities at Pyongsan Uranium Mine and Concentration Plant (Location of the possible yellowcake production building at 38° 19' 04" N 126° 25' 54" E)

*In the annexes of the nuclear section, annotations in red boxes are observations during the reporting period, while those with yellow characters in black boxes are previous observations.



Source: Planet Labs, 17 December 2023.

1) Expansion of the piles of tailings at the mines (38° 19' 57" N 126° 27' 21" E)



Source: Planet Labs, 16 June 2023, 17 December 2023.

2) Railcar activities at the Plant (38° 19' 02" N 126° 25' 54" E)



Source: Maxar Technologies, 30 July 2023, 2 October 2023, 17 December 2023.

3) Tailings pond of Pyongsan Uranium Concentration Plant (38° 18' 42" N 126° 25' 50" E)



Source: Planet Labs, 16 June 2023, 17 December 2023.

Annex 7: Activities at Punggye-ri nuclear test site (41° 16' 41" N 129° 05' 15" E)



Source: Maxar Technologies, 14 November 2023.

1) Activities near Tunnel 3 (41° 16' 35" N 129° 05' 16" E) and administrative area (41° 16' 41" N 129° 05' 15" E)

*In the annexes of the nuclear section, annotations in red boxes are observations during the reporting period, while those with yellow characters in black boxes are previous observations.



Source: Maxar Technologies, 7 March 2023.

2) Activities near Tunnel 4 (41° 16' 46" N 129° 05' 08" E)

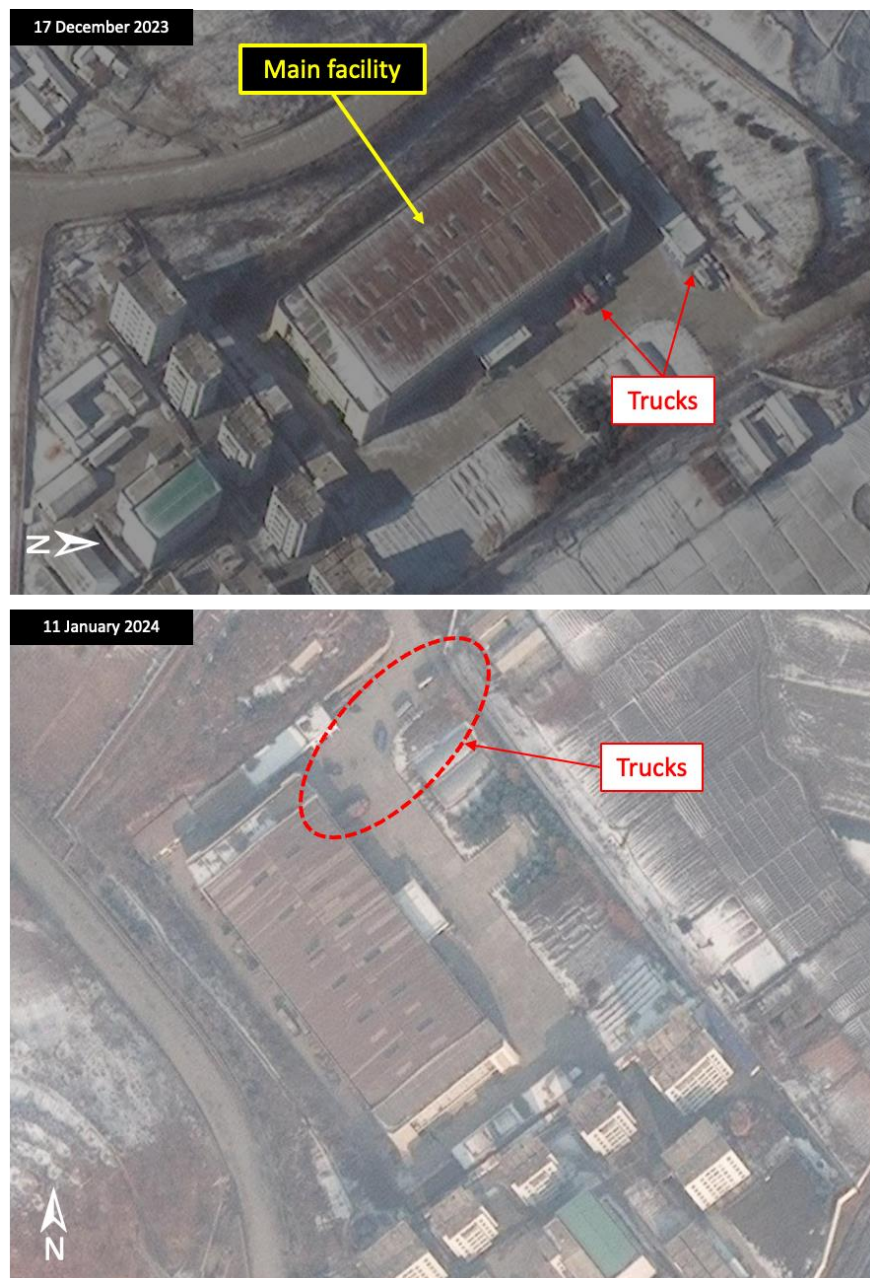


Source: Maxar Technologies, 15 October 2023.

Annex 8: Activities at Kangson and Yongdoktong

The Panel continues to monitor activities in the vicinity of Kangson, an alleged clandestine uranium enrichment facility and Yongdoktong area, which is believed to be involved in DPRK's nuclear weapons programme, including as a nuclear weapons storage facility. The Panel observed constant presence of vehicles at Kangson. Available satellite images showed no significant activities at suspected nuclear weapons storage facility.

Kangson (38° 57' 26" N 125° 36' 43" E)



Source: Maxar Technologies, 17 December 2023, 11 January 2024.

Annex 9: Ballistic missiles launches by the DPRK from 29 July 2023 to 26 January 2024

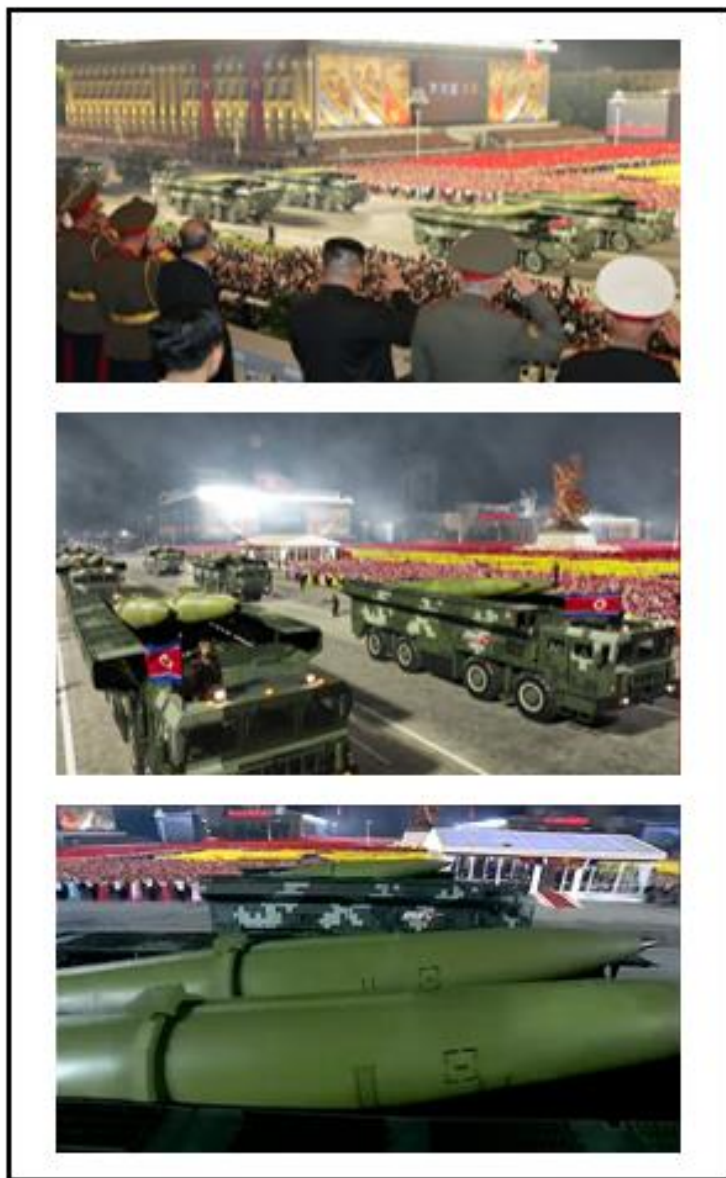
Official DPRK statements are in *italics*. / Mentions of solid propellant (SP) engines.

Launches in the year	Date and time (local)	Reported type	Number of missiles	Reported launch location and trajectory	Reported distance travelled (km)	Reported apogee (km)	Remarks	DPRK reports
14. SP	30 Aug. 2023 23:38 and 23:46	SRBM KN-24	2	From the Sunan International airport to Alsom island.	350 and 400 (JPN)	50 (JPN)	Appears to be a Hwasong 11Na (KN-24). Pictures show air bursts high above the target island.	<i>The missile unit fired two tactical ballistic missiles northeastward at Pyongyang International Airport and correctly carried out its nuclear strike mission through air bursts at a preset altitude of 400 meters. (KCNA, 31 August 2023)</i>
15. SP	13 Sept. 2023 11:43 to 11:53 (ROK) 11:41 and 11:51 (JPN)	SRBM KN-23 (probable)	2	From an area in and around Sunan into the sea east of the peninsula.	650 (ROK) 400 (JPN)	50 (JPN)	Possibly "irregular" trajectory (JPN). Kim Jong Un was in the Russian Federation at the time of the launches.	No statement.
16. SP	17 Dec. 2023 22:38 (ROK) and 22:37 (JPN)	SRBM	2	From around the Pyongyang area towards the sea east of the peninsula.	570 (ROK) Appx. 400 (JPN)	50 (JPN)		No statement.
17. SP	18 Dec. 2023 08:24	ICBM Hwasong-18	2	From nearby Pyongyang to the East, falling in the sea approximately 250 kilometers northwest of the Okushiri Islands in Hokkaido.	1 000 (JPN)	6 000 (JPN)	Kim Jong Un attended. The location of the launch is slightly different from the one used on 13 April and 12 July 2023.	<i>The drill was aimed to review the combat readiness of the DPRK's nuclear war deterrence and confirm its mobility, combat capability and reliability....General Jang Chang Ha, general director of the General Missile Bureau, issued a launch order to the Second Red Flag Company... The missile traveled up to a maximum altitude of 6 518.2 km and flew a distance of 1 002.3 km for 4 415s before accurately landing on the preset area in the open waters off the East Sea of Korea. (KCNA, 19 December 2023)</i>
1. SP	14 Jan. 2024 14:53	Possible IRBM		Toward the North-east, falling in the sea east of the Korean Peninsula.	50 (JPN)	1 000 (ROK) Over 500 (JPN)	Presumed to be an IRBM by the ROK JCS. The DPRK alleged it carried a maneuverable controlled warhead.	<i>The DPRK Missile Administration conducted a test-fire of an intermediate-range solid-fuel ballistic missile loaded with a hypersonic maneuverable controlled warhead. (KCNA, 14 January 2024).</i>

Source: Member States, the Panel, KCNA.

Annex 10: Weapons systems shown at the 27 July 2023 military parade which use ballistic missile technology

10.1. SRBM KN-23. Also shown in 2023 at the 8 February 2023 parade. First declared test on 4 May 2019.



SRBM Hwasong 11Ga (or standard "KN-23")

- Solid propellant.
- Maximum range: over 600 km. Possible launches in 2022 and 2023 of Hwasong 11/Ga missiles show a range extending to 900 km.
- Unveiled at a 4 May 2019 test and presented at the military parade on 10 October 2020. Multiple launches in 2022 and 2023. On 19 March 2023, the missile fired (seemingly from a silo) was described as a "tactical ballistic missile tipped with a mock nuclear warhead".
- Four versions incl. a navalized one.
- 12 missiles shown.
- 4-axle wheeled TELs.
- See S/2023/656, para.17, 18, 20, 24, Annex 10, 13, 22
- S/2023/171, para.29, fig.5, tab.1, annexes 24 and 25,
- S/2022/668, fig.6, 12, 14, 15, 17, tab. 1, annexes 14, 18, 22, 23.
- S/2022/132, para.25, fig.10, tab.1, annex 21, fig.21-4
- S/2021/211, fig.1, annex 12
- S/2020/840, para.11, tab.1, annex 7
- S/2020/151, para.194, tab.3, annex 58

Source: KCTV.

10.2. SRBM KN-24. Also shown at the 8 February 2023 parade. First declared test on 10 August 2019 (then described as “a tactical guided weapon”).



**Probable SRBM Hwasong 11Na
(or “KN-24”)**

- Solid propellant.
- Maximum range: 370 to 400 km.
- Last identified launch on 30 August 2023. First tested on 10 August 2019.
- Unveiled at a 10 August 2019 test and presented at the military parades on 10 October 2020, 14 January 2021 and at the missile exhibition “Self-Defence 2021” on 11 October 2021.
- 12 missiles shown in canisters carried on 4-wheeled vehicles. The Hwasong 11/Na had been displayed in the past on tracked vehicles (e.g., on 25 April 2022).
- See S/2023/171 tab.1, annex 24, 25.
- S/2022/668 fig.13, tab.1, annex 14, 18, 22, 23
- S/2022/132 para.25, fig.10, tab.1, annex 21, fig.21-4.
- S/2021/211 fig.1, annex 12.
- S/2020/840 para.11, tab.1, annex 7.
- S/2020/151 para.194, tab.3, annex 59.

Source: KCTV.

10.3. Super-large multiple rocket launcher / SRBM KN-25. Also shown in 2023 at the parade on 8 February 2023 and the Pyongyang “Weaponry Exhibition” on 26 July 2023. First declared test on 24 August 2019.



Source: KCTV.

***Super-large
multiple rocket launcher 600 mm
(or “KN-25”)***

- Solid propellant.
- Guided, with a range of appx. 380 km. Described by DPRK authorities as “a tactical nuclear attack means”.
- Frequent launches in 2022 and 2023.
- Presented at the Pyongyang Weaponry Exhibition on 26 July 2023 by Kim Jong Un himself. First tested on 24 August 2019 test and presented at the military parade on 10 October 2020.
- 24 missiles were shown, carried on 4-axle wheeled TELs (each carrying four launch containers).
- See S/2023/656 para.17, 20, annex 10, 13.
- S/2023/171 para.28, annex 16, 24, 25.
- S/2022/668 fig.18, tab. 1, annex 22, 23.
- S/2022/132 para.25, fig.11, tab.1, annex 21, fig.21-4.
- S/2021/211 para.20, fig.3, 4, annex 12.
- S/2020/840 para.11, tab.1, annex 7.
- S/2020/151 para.194, Tab.3, annex 59.

10.4. IRBM Hwasong-12Na fitted with a purported hypersonic glide vehicle (HGV). Also displayed at the Pyongyang “Weaponry Exhibition” on 26 July 2023.



IRBM Hwasong-12Na

fitted with a purported Hypersonic Glide Vehicle (HGV)

- One stage powered by a liquid propellant engine, derived from the Hwasong-12.
- No known test to date.
- Variant of the Hwasong 12 which was first tested in 2017. Designated “Hwasong 12Na” at the Pyongyang Weaponry Exhibition on 26 July 2023.
- An alleged HGV was tested by the DPRK in 2021 and 2022.
- Four missiles were shown., carried on 6-axle wheeled TELs
- See S/2023/171, para 20 and 21.
- S/2022/668, para.20, 21, fig.10, tab.1, annex 15, 23,
- S/2022/132, para. 19-20, 23, tab.1, annex 22.

Source: KCTV, X/Dr. Jeffrey Lewis, annotations by the Panel.

10.5. ICBM Hwasong-17. Also shown in 2023 at the parade on 8 February and the Pyongyang “Weaponry Exhibition” on 26 July. First shown at a military parade on 10 October 2020 and tested on 24 March 2022.



ICBM Hwasong-17

- Two stages powered by liquid propellant engines. The first stage is powered by a variant of the RD-250 twin-combustion chamber (or “Paektusan” line engine) in a combination of two engines and four nozzles.
- Potential intercontinental range of up to 15,000 km, according to a Member State’s simulation.
- Unveiled at the military parade on 10 October 2020. First possible test on 27 February 2022. Declared tested by the DPRK on 24 March 2022. Last launch on 16 March 2023.
- At least three missiles were shown in camouflage paint, carried on 11-axle wheeled TELs. Numbers include 321, 373, 379.
- Missile ㄸ 09151815 on TEL 379.
- See S/2023/656/para.15, 16, 17, fig.2, annex 10, 13.
- S/2023/171 para.26, tab.1, annex 16, 24, 25.
- S/2022/668 para.20, fig.8, tab.1, annex 13, 16, 17, 21, 23.
- S/2022/132 fig.4.
- S/2021/777 para.17.
- S/2021/211 para.17 Annex 10.

Source: KCTV.

10.6. ICBM Hwasong-18. Unveiled at the 8 February 2023 and first tested on 13 April 2023.



ICBM Hwasong-18

- Three stages powered by solid propellant motors.
- Potential intercontinental range (not established) of up to 10,000 km according to a Member State's simulation. Some experts give it a longer range.
- Unveiled at the 8 February 2023 parade. First tested on 13 April 2023. then on 12 July 2023 and 18 December 2023.
- A mock-up of a similar looking solid-fuel missile was first shown on an 8-axle wheeled TEL at a parade in Pyongyang on 15 April 2017 (see S/2017/742 para.9)
- At least three missiles were shown in camouflage paint.
- They were carried on 9-axle wheeled TEL. The numbers on the chassis include 571 and 574, 577. Numbers 571 and 574 already featured in the 8 February 2023 military parade.
- There were no visible markings on the missile bodies.
- See S/2023/656/para.12, 14, 15, 24, fig.1, annex 10, 11, 12, 13.

Source: KCTV.

Annex 11: The Hwasong-18 ICBM launch on 18 December 2023 at 8:24 KST
 39°07'37"N 125°57'51"E / An agricultural field 20 km north-east of Pyongyang

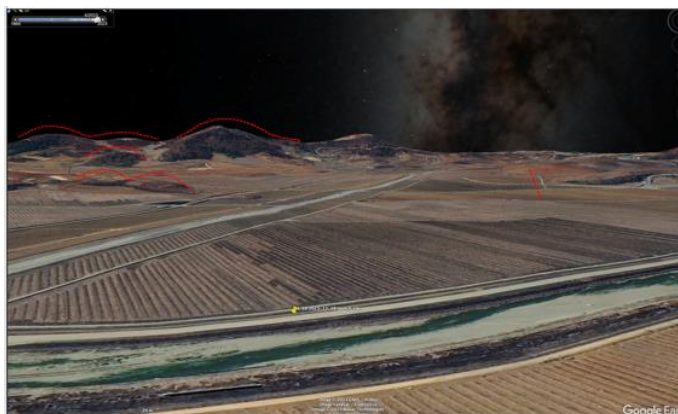
Figure 11.1: Identification of the location of the launch



Source: Maxar, annotated by the Panel.



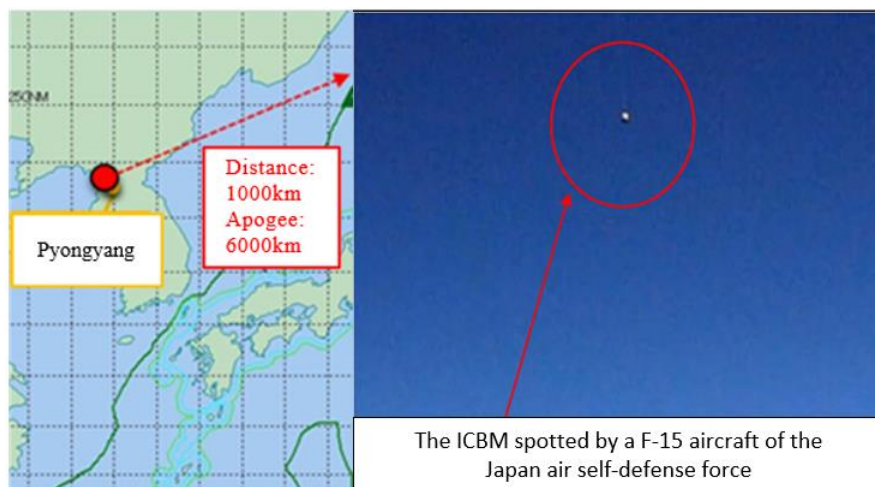
Source: KCNA, annotated by the Panel.



Source: Google Earth Pro, 26 January 2024, annotated by the Panel.

Figure 11.2: Launch marks at the tentative location

Source: Planet Labs, annotated by the Panel.

Figure 11.3: Trajectory of the missile

Source: Ministry of Defence, Japan, annotated by the Panel.

Annex 12: Excerpts of a January 2024 study of the Hwasong-18 ICBM by Fondation pour la Recherche Stratégique¹⁹⁰ (translations in English by the Panel)

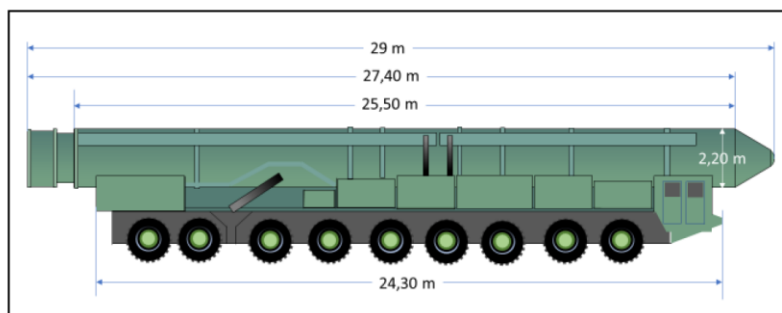
Cold-launch technology



1. Pyrotechnic triggering of the ejection of the in-canister holding devices.
2. Ejection of the parts of the in-canister holding devices.
3. Ejection of the nozzle protection shell of the first stage.
4. Cold launch from the tube (or “canister”) with gas generator and ignition of the first stage outside of the tube.

[...]

Dimensions

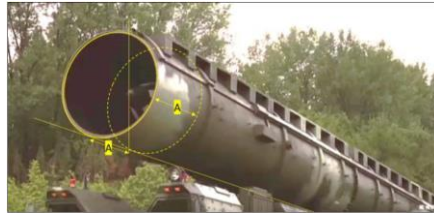


SCHEMATIC VIEW OF THE HS-18 TEL AND APPROXIMATE DIMENSIONING (CREDITS: C. MAIRE)

[Note: estimates based on the length of the TEL chassis and the width of the TEL cabin (3.35 m)].

[...]

¹⁹⁰ C.Maire, S.Delory, "Analyse de l'ICBM Hwasongpho-18 (HS-18)", *Fondation pour la Recherche Stratégique*, 2024. <https://www.frstrategie.org/sites/default/files/documents/programmes/programme-coree-securite-diplomatique/publications/2024/012024.pdf>.



FOCUS ON THE POSITION OF THE MISSILE IN THE TUBE (CREDITS: KCNA)

“Taking these observations into account, the length of the section containing the missile is 25.50 meters and the total length of the tube, including the ejection system, is 29 meters. The length of the missile could be estimated at 23.50 meters.

[...]

If we assume that the tube is rather 2.10 meters, this means that the missile could have a diameter of slightly less than 2 meters, namely 1.90 meters. In this case, the sizing of the device would lead to a total length of 22.60 meters.”

Evolution of the cap removal mechanism



PYROTECHNIC EJECTION OF THE TUBE DOOR BEFORE LAUNCH (CREDITS: KCNA)

[Panel note: 12 July 2023 launch].



LOWERING OF THE DOOR BEFORE THE ERECTION OF THE TUBE (CREDITS: KCNA)

[Panel note: 18 December 2023 launch].

“The TEL used for the launch on December 18, 2023, uses a foldable door, without a pyrotechnic device.”

Annex 13: Launches on 30 August 2023 of Hwasong-11Na SRBMs (Hwasong 11B / KN-24)

Statements by the DPRK¹⁹¹

...the KPA staged a tactical nuclear strike drill simulating scorched earth strikes at major command centers and operational airfields of the “ROK” military gangsters at night on August 30.

The tactical nuclear-armed unit of the KPA in the western region of the country conducted the relevant military activities.

The missile unit fired two tactical ballistic missiles northeastward at Pyongyang International Airport and correctly carried out its nuclear strike mission through air bursts at a preset altitude of 400 metres above the target island.

Identification of the missiles launched as Hwasong-11B/Na



Probable location of the reported air burst: Alsom Island (40° 38' 48" N 129° 32' 58" E), 365 km from Sunan International airport



¹⁹¹<https://kcnawatch.org/newstream/1693472894-954639895/kpa-general-staff-releases-report/>.

Annex 14: 2nd Malligyong-1 satellite launch on 24 August 2023 from the area of Sohae

Statements by the DPRK

The National Aerospace Development Administration (NADA) of the DPRK conducted the second launch of reconnaissance satellite Malligyong-1 aboard the new-type carrier rocket Chollima-1 at the Sohae Satellite Launching Ground in Cholsan County of North Phyongan Province at dawn of August 24.... The flights of the first and second stages of the rocket were normal, but the launch failed due to an error in the emergency blasting system during the third-stage flight. The NADA expressed the stand that it would conduct the third reconnaissance satellite launch in October after thoroughly probing the reason and taking measures.

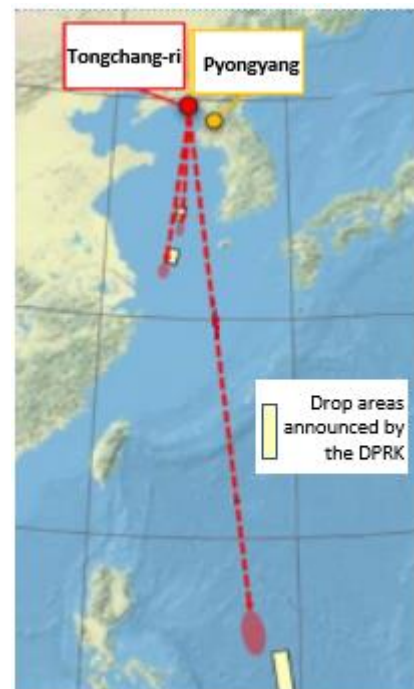
(KCNA, 24 August 2023).

Assessment

The DPRK gave prior notice of this launch to Japan's coast guard, NAVAREA coordinator for the area where the stages were to drop. The DPRK did not warn the IMO, which it had for the first launch of a Chollima-1 launcher on 31 May 2023, nor again the ICAO or the ITU. Contrary to 31 May 2023, the DPRK did not release any picture of the launch, which happened at night, and did it provide any other data pertaining to it.

The Ministry of Defence (MoD) of Japan confirmed the launch of an object using ballistic missile technology on 24 August 2023 at around 3:51 (KST) from Tongchang-ri (the village next to the DPRK's current satellite launching grounds). Japan reported that the rocket separated into three pieces which all fell outside the anticipated drop areas, issued in the navigational warning:

- one piece fell approximately 300 km west of the Korean Peninsula,
- another fell in approximately 350 km southwest of the Korean Peninsula,
- the last one was estimated to have passed over between Okinawa Island and Miyako Island at around 4:00, and to have fallen in the Pacific Ocean appx. 600 km east of the Philippines at around 4:05.



Source: Japan MoD.

The DPRK attributed the failure of the launch to an “*error in the emergency blasting system*”. This could refer to a self-destruct system which would normally activate when internal sensors report irregular data or the rocket veers off course. Fitting such a system on a rocket is warranted for safety reasons but could also be meant in this instance to prevent attempts at retrieval of debris, as was the case in June and July 2023, when the ROK navy salvaged parts of the Chollima-1 rocket and the Malligyong-1 satellite launched on 31 May.

If that is the cause of the failure, then it would mean the DPRK made progress after the first launch having this time been able to conduct second stage separation, and then most probably third stage separation, notable achievements though they were first reached through the Hwasong-14 (2017), Hwasong-15 (2017), Hwasong-17 (2022) and the three-stage Hwasong-18 (2023) ICBM launches. NADA (KPe.029) was renamed National Aerospace Technology Administration (NATA).

Annex 15: 3rd Malligyong-1 satellite launch on 21 November 2023 from the area of Sohae

Statements by the DPRK

The National Aerospace Technology Administration (NATA) ... successfully launched the new-type carrier rocket "Chollima-1" loaded with the reconnaissance satellite "Malligyong-1" at the Sohae Satellite Launching ... at 22:42:28 on November 21 (2023). The carrier rocket ... accurately put the reconnaissance satellite "Malligyong-1" on its orbit at 22:54:13.

NATA is to present a plan for continuing to secure the capability ... by additionally launching several reconnaissance satellites in a short span of time.

Kim Jong Un...oversaw the launch on the spot. He was accompanied by Kim Jong Sik, vice department director of the WPK Central Committee, and Jang Chang Ha, general director of the DPRK General Missile Bureau.

Noting that the DPRK has finally developed and possessed aerospace reconnaissance capability by its own efforts and technologies, Kim Jong Un said that it is a great event in developing the armed forces of the Republic and coping with a new military situation in the region.

Figure 15.1: The launch and its aftermath in DPRK media



Assessment

Launch

The MoD of Japan reported that on 21 November, at around 22:4 (KST), the DPRK conducted a launch using ballistic missile technology from the Tongchang-ri area.

The rocket separated into pieces:

- at around 22:50 (KST), the first one fell outside of the announced drop area (note: the drop area announced to the NAVAREA coordinator) over the East China Sea, approx. 350 km west of the Korean Peninsula.
- at around 22:55 (KST), the second one is estimated to have passed over between Okinawa Island and Miyako Island, and to have fallen in the announced drop area in the Pacific Ocean approx. 1,200 km southwest of Okinotori Island, outside Japan's EEZ, at around 22:57 (KST).

The DPRK had warned Japan's Coast Guard of the launch, but not the IMO, ICAO or ITU. The DPRK did not register the Malligyong-1 satellite with UNOOSA.

Aftermath

This launch came after failed ones on 31 May¹⁹² and 24 August 2023. On this third attempt on 21 November, the Chollima-1 launcher did release a satellite into orbit.

The DPRK had registered an earth observation satellite after the launch of the Kwangmyongsong-3 satellite from a Unha-3 rocket on 12 December 2012¹⁹³ and another one a few weeks after the launch of the Kwangmyongsong-4 on 7 February 2016¹⁹⁴.

The Minister of Defense of Japan, stated on 24 November that “[Japan] has collaborated with the United States and South Korea to progress in the analysis, and as a result, it has been confirmed that some object launched by North Korea is orbiting the Earth”. According to public data¹⁹⁵, the Malligyong-1 satellite (international designation 2023-179A) was as on 26 January 2024 in a stable 512 km x 488 km orbit at an inclination of 97.43 degrees to the Equator with an orbital period of 94.65 minutes.

DPRK media reported that Kim Jong Un twice visited the General Control Center of NATA in Pyongyang after the launch, on 22 and 25 November. The DPRK claimed then and since that the satellite transmitted pictures of various locations, among which:

- The island of Guam,
- The “Norfolk Naval Station”, “Newport News Dockyard” and an airfield in Virginia,
- The “San Diego Naval Base”,
- The “Kadena base” in Okinawa,
- The “Hickam air-force base” in Honolulu,
- Jinhae, Pusan (Busan), Ulsan, Pohang (Pohang), Taegu (Daegu) in the ROK, allegedly between 09:59:40 and 10:02:10 (KST),
- The aircraft carrier USS Carl Vinson, when calling in Pusan (Busan), allegedly at 10:01 (KST),
- The Suez Canal¹⁹⁶.



Source: Japan MoD.

¹⁹²S/2023/668/para 21.

¹⁹³S/2013/337/para 30.

¹⁹⁴Source UNOOSA and see S/2016/para 27, para 48, annex 5.

¹⁹⁵<https://www.space-track.org/>.

¹⁹⁶<https://kcnawatch.org/newstream/1700962715-973234535/respected-comrade-kim-jong-un-visits-nata-pyongyang-general-control-center-again-to-watch-aerospace-photos-of-enemys-major-target-region-taken-on-morning-of-november-25/>
<http://rodong.rep.kp/en/index.php?MTJAMjAyMy0xMS0yOC1IMDA0QDE1QDFAQDBAMQ>

Given the stated military purpose of the satellite, this messaging can be deemed aggressive and directed. It shows an intent to bolster ballistic missile targeting and damage assessment capabilities on specific locations.

The Panel took notice of a press report indicating the camera on the first Malligyong-1 satellite, which fell into the sea on 31 May 2023, carried a Japanese-made commercial digital camera¹⁹⁷ no longer in production.

An outside expert¹⁹⁸ noted that the satellite's orbit allowed it to appear over the Korean Peninsula around 10:00 and 22:00 (KST) every five days and assessed the DPRK would need an operational network of five or so satellites to ensure regular day time coverage, notwithstanding weather conditions such as cloud coverage which would require more complex radar satellites to get imagery of the ground. Kim Jong Un announced at the Plenary meeting of the Central Committee of the Workers Party on 30 December 2023 that the DPRK plans to launch three more satellites in 2024.

Key takeaways

The bright and clear exhaust plume shows the first stage is powered by liquid-fuel engines, and the four visible nozzles (see figure below) indicate a possible combination of two two-chambered RD-250-like (or "Paektusan") engines. This combination was first tested on the Hwasong-17 ICBM. The DPRK is deemed able to manufacture by itself an engine similar to the RD-250, an engine designed in the 1960's by 'Energomash NPO' and manufactured until 1991 by the 'Yuzhmash' plant in Ukraine. This, given the number of engines used to date, and the fact it has machinery to produce critical parts, including the impeller for the turbopump¹⁹⁹.

Figure 15.2 Exhaust of the Chollima-1 space launch vehicle



Source: KCTV.

The 21 November 2023 launch showed good command of stage separation phases, which had not been completed during the first launch on 31 May 2023. It also shows NATA is confident in its payload release technology. The releasing of the Malligyong-1 satellite in space comes after those of the Kwangmyongsong-3 and Kwangmyongsong-4 satellites, respectively on 12 December 2012 and 7 February 2016. Lessons drawn from this repeated achievement could be applied to the DPRK's ICBM programme.

One of the posters released in December 2023 to celebrate the event shows the Malligyong-1 satellite over two ICBMs, a Hwasong-17 and a Hwasong-18 (see Figure 2) demonstrating, *inter alia*, that it is in support of the DPRK's ICBM capability. The prominent presence at the event of Kim Jong Sik (KPi.066), deputy director of the Munitions Industry Department (KPe.028)²⁰⁰, and of the recently appointed head of the Missile General Bureau Jang Chang Ha (KPi.037), designated for their involvement in the DPRK's ballistic missile program, is another indication of strong crossover with the country's space program.

¹⁹⁷ <https://www.donga.com/en/home/article/all/20231127/4580833/1>.

¹⁹⁸ <https://www.38north.org/2023/11/modest-beginnings-north-korea-launches-its-first-reconnaissance-satellite/>.

¹⁹⁹ Panel Consultations with the James Martin Center for Non-Proliferation Studies on 11 December 2023.

²⁰⁰ The Panel reported in the past on the involvement of the Munitions Industry Department (KPe.028) in the Unha-3 SLV project (S/2013/337/para 37).

Annex 16: Developments at the new Sohae satellite launch pad from May to December 2023

Preparations for the first launch in May 2023

Installation of a cover hall



Planet Labs Inc. 23 May 2023

Rail-mounted cover hall in place



Planet Labs Inc. 29 May 2023

Gathering of vehicles and equipment



Planet Labs Inc. 30 May 2023

First launch on 31 May 2023

Daytime launch (6:27 KST) on 31 May



KCNA

Debris displaced at sea from the launch exhaust



Planet Labs Inc. 31 May 2023 01:29 UTC

The cover hall kept forward after the launch.



Planet Labs Inc. 2 June 2023

Developments from June to December 2023

Equipment stored on the tarmac



Planet Labs Inc. 24 June 2023

Retraction of the cover hall revealing the support structure for the SLV (the "strongback")



Maxar 8 September 2023

Strongback as shown on 21 November

Nighttime launch (22:42 KST) on 21 Nov.



Rodong Sinmun

Note: no pictures were released of the failed nighttime launch on 24 August 2023 and there isn't any available relevant satellite imagery of the event.

Annex 17: Launching of the 841 Hero Kim Kun Ok “tactical nuclear attack” submarine on 6 September 2023

Launching of the No. 841 Hero Kim Kun Ok submarine on 6 September 2023



Source: KCNA, 8 September 2023.

Excerpts of Kim Jong Un's speech on 6 Sept. 2023 at the "Pongdae shipyard"

The historic moment has come when the first tactical nuclear attack submarine we have built wets its name and body in the blue water of our sea Our intention to turn all the other existing medium-sized submarines into attack ones like this one, which can carry tactical nukes ..., in addition to our development-oriented, prospective plan for building nuclear submarines.

This submarine ...is capable of carrying a large number of means for delivering nukes of various powers and of launching a preemptive or retaliatory strike.

In the past we... focused on building many small and fast submarines, true to our Navy's mission which is restricted to defending our territorial waters. But the times have changed I confirm that the mission of absolute importance, which no other services will be able to accomplish, will be fulfilled only when we, in five or ten years, usher in an era when our Navy changes. In this regard, the most important thing is to go nuclear.

...We should give greater impetus to the building of nuclear-powered submarine

Source: KCNA, 8 September 2023.



KCNA, 8 September 2023.

The 841 is based on a submarine of appx.76 m in length. A section with 10 hatches for vertical missile tubes was added in the middle. It was seen being built in July 2019, during a visit of Kim Jong Un.

New construction hall Old construction hall Stands



Planet Labs, 6 September 2023 22:56 UTC.

The old north construction hall in the Sinpo south shipyard from where the 841 was launched on 6 September 2023.



Planet Labs, 6 September 2023.

Possibly the 841 moored on a pier in the Sinpo south shipyard after the ceremony.



Planet Labs, 6 September 2023.

The 841 with a subsensible missile test barge berthed alongside.



Airbus D&S Pleiades. See next page for a blow-up of this picture.

The 841 entering the Sinpo South secure basin on 8 Sept. 2023
The 841 is the only DPRK submarine well over 80 m long.

Probable 8.24 Yongung submarine (launched in 2014)



Planet Labs, 6 September 2023.

A submarine still moored in the basin on 19 September. Probably as seen later the Gorae-class 8.24 Yongung, launched in 2014.



Planet Labs, 24 September 2023.

The 841 is berthed in the west quay under a canopy. The 8.24 Yongung temporarily left the secure basin before 24 September.



Planet Labs, 5 October 2023.

The 8.24 Yongung having regained its position on the right.



Planet Labs, 2 January 2024.

The 8.24 Yongung was then moved to the pier on the left. The 841 and the 8.24 remained in the basin into January 2024.

Suspected Submarine 841 Seen at Sinpo Shipyard on
8 September 2023

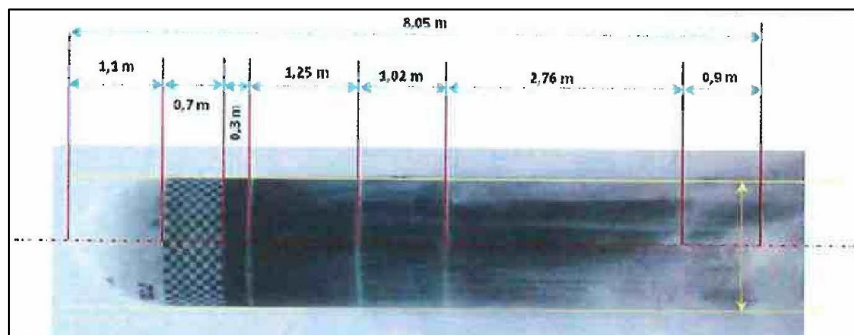
UN Panel of Experts
Established pursuant to Resolution 1874 (2009)



UNITED NATIONS
January 2024, Map No.4685

Office of Information and Communications Technology
Geospatial Information Section

Figure 17.1 Pukguksong-3 SLBM dimensions as evaluated by a Member State



Note: before its test-launch on 1 October 2019, this SLBM fit in a transport launch tube of a diameter of around 1.8 meter.

Source: Member State from KCNA & Rodong Sinmun pictures.

Note: Member States estimate its maximum range to be between 1,700 km and appx. 2,000 km.

Annex 18: Inspection of TEL production between 3 and 5 August 2023 at the March 16 Factory in Pyongsong and at the same possible location on 5 January 2024

39°16'53"N 125°52'11"E

Official reports

1st visit between 3 and 5 August 2023

Kim Jong Un learned about the production of erector launchers for major strategic weapon....

He highly appreciated the fact that the factory has built a firm foundation for production and dynamically pushed ahead with the production of erector launchers by concentrating efforts on updating production processes and increasing production capacity in line with the intention of the Party which set the production of large-sized erector launchers as the most important work for bolstering up the national defence capability²⁰¹.



Source: KCNA, KCTV.

2nd visit on 5 January 2024

Referring to the importance of producing various TELs for tactical and strategic weapons in ceaselessly bolstering the nuclear war deterrent of the country and the operational demand of our army, he [Kim Jung Un] specified the immediate plan for production of varieties of TELs, long-term production plan and task of production capacity expansion.



Source: Rodong Sinmun.

²⁰¹ <http://kcna.co.jp/item/2023/202308/news06/20230806-01ee.html>.

Assessment

- An unprecedented number of vehicles can be seen in the pictures :
 - 11-axle TELs for the Hwasong-17 ICBM
 - 9-axle TELs for the Hwasong-18 ICBM
 - Hwasong-11A/Na (KN-23) SRBM TELs
 - Hwasong-11C/Ga (KN-23 larger version) SRBM TELs
 - Multiple launch rocket system (MLRS) TELs for the 600 mm system (KN-25)²⁰²
- The emphasis was on the improvement of manufacturing processes and production volume.
- The DPRK apparently has improved its domestic TEL manufacturing capability, including of large tires²⁰³.

Figure 18.1: Weapons systems of the TELs displayed on 3-5 August 2023



Source: KCNA, KCTV, annotations by the Panel.

Figure 18.2: Hwasong-18 ICBMs and TELs displayed on 5 January 2024



Source: Rodong Sinmun.

²⁰² See T. Goo, <https://twitter.com/GreatPoppo/status/1688158954663313409>.

²⁰³ They bore no foreign markings in these pictures and on some ICBM TELs in 2023 contrary to the past.

Annex 19: Inspection “shells of super large-caliber multiple rocket launchers” production on 3 August 2023

Possibly at the Kanggye General Tractor Plant, that Kim Jun Un had visited publicly in June 2019²⁰⁴.

39°16'53"N 125°52'11"E

Official reports

The location was described as a “factory producing the shells of super large-caliber multiple rocket launchers”. [It] “has improved the precision processing capability and realized automation by introducing new equipment and measuring devices on a large scale into the overall production process to create the serial production capability for the shells of ultra-precision large-caliber multiple rocket launchers.”

Kim Jung Un learned in detail about the modernization of technology and production processes the factory carried out recently”... he was very pleased to see that various measuring devices have been introduced to ensure scientific accuracy in the control of the quality of shells and shorten the time for heat treatment of the propulsion tube.



Flow-forming

Source: KCNA, KCTV, Rodong Sinmun, annotation by the Panel.

Assessment

- The *super-large-caliber multiple rocket launchers* are also known as the KN-25 SRBM system.
- DPRK missile plants seem to be flow-forming metal to manufacture rocket bodies.
- Computer Numerical Control (CNC) machine tools are used at this plant.

²⁰⁴ According to the James Martin Center for Non-Proliferation Studies.
See <https://twitter.com/ArmsControlWonk/status/1689044152598544384> and
<http://www.ryongnamsan.edu.kp/univ/en/revodaily/92cc227532d17e56e07902b254dfad10>

Annex 20: Inspection of SRBM production at the February 11 Plant in Hamhung on 11 or 12 August 2023

39°49'26"N 127°35'15"E

Official reports

A factory producing tactical missiles [which] perfected the scientific and technological issues arising in production, has improved “automation and modernization” and is “steadily expanding its production capacity.”

Kim Jung Un... was accompanied by Jo Chun Ryong and Kim Jong Sik.

He set forth an important goal to drastically boost the existing missile production capacity on the basis of the successes already achieved by the factory so as to mass-produce missile.

August 2023



Source: KCNA.

Assessment

- Many SRBM casings can be seen in pictures of the visit, seemingly of the Hwasong-11A/Ga-Da (KN-23) and Hwasong-11B/Na (KN-24) type missiles, driving the point they had entered mass production.
- The official reports stressed the use of CNC machine tool, automation, manufacturing processes.

Annex 21: Inspection of TEL production at the Sinhung Machine Factory²⁰⁵ on 11 or 12 August 2023 39°39'4"N 125°21'32"E

Official reports

A “factory producing tactical missile transporter erector launchers”.



Source: KCNA, annotations by the Panel.

Assessment

- The DPRK manufactures medium-sized tracked and wheeled TELs in large numbers. It repeatedly highlights the mobility of its short-range ballistic missile arsenal and therefore its survivability.
- The Hwasong-11B was shown on a wheeled TEL rather than a tracked TEL at the 27 July 2023 military parade and then at a launch on 30 August 2023.

Annex 21.1: Inspection of TEL production for Hwasong-11Ra SRBMs between 5 and 10 January 2024

Official reports



Assessment

- A number of Hwasong 11Ra TELs can be seen in the pictures.
- The Hwasong 11Ra, also designated Hwasong 11D, is a smaller variant of the Hwasong 11Ga (KN-23). It was first seen when fired on 16 April 2022.

²⁰⁵ As identified by NK News. See <https://www.nknews.org/pro/arms-odyssey-inside-kim-jong-uns-second-tour-of-weapons-factories-this-month/>.

Annex 22: DPRK statements related to the use of ballistic missile technology from 29 Jul. 2023 to 26 Jan. 2024

Source: KCNA, Rodong Sinmun.

Regarding ballistic missile launches

The KPA staged a tactical nuclear strike drill simulating scorched earth strikes at major command centers and operational airfields of the “ROK” ... The missile unit fired two tactical ballistic missiles northeastward at Pyongyang International Airport and correctly carried out its nuclear strike mission through air bursts at a preset altitude of 400 meters above the target island. (30 August 2023 launches).

A drill of launching ICBM Hwasongpho-18 was staged as an important military action to clearly show the DPRK's nuclear strategic forces' overwhelming counteraction will and matchless strength to the enemies Kim Jong Un , general secretary of the Workers' Party of Korea and president of the State Affairs of the Democratic People's Republic of Korea, watched the launching drill of an ICBM unit on the spot The drill was aimed to review the combat readiness of the DPRK's nuclear war deterrence and confirm its mobility, combat capability and reliability (18 Dec. 2023 launch).

Regarding engine tests

The missile industry of the DPRK has developed new-type high-thrust solid-fuel engines for intermediate-range ballistic missile again, ..., and successfully conducted the first ground jet tests of the first-stage engine and the second-stage engine on November 11 and 14 respectively ... [It is] an important task of the missile industry to improve ICBM Hwasongpho-18 and IRBM. The DPRK General Missile Bureau attached great significance to the development of the new-type IRBM. (11 and 14 November 2023 tests in Maggun-Po and Sohae)

Regarding the new “tactical nuclear attack” submarine 841- Hero Kim Kun Ok

The historic moment has come when the first tactical nuclear attack submarine we have built wets its name and body in the blue water of our sea. Our intention to turn all the other existing medium-sized submarines into attack ones like this one, which can carry tactical nukes ..., in addition to our development-oriented, prospective plan for building nuclear submarines ... This submarine ... is capable of carrying a large number of means for delivering nukes of various powers and of launching a preemptive or retaliatory strike. (6 September 2023 speech by Kim Jong Un)

Regarding the institution of a “Missile Industry Day” to commemorate the launch of a Hwasong-17 ICBM.

The institution of the missile industry day is a manifestation of the steadfast will of the Workers' Party of Korea, the government of the DPRK and all the Korean people to eternally record November 18, Juche 111 (2022) when the might of a world-class nuclear power and the strongest ICBM possessor was demonstrated to the whole world ... (5 Nov. 2023 session of the Permanent Commission of the Standing Committee of the Supreme People's Assembly)

Congratulations to the Missile General Bureau and the Hwasong-18 ICBM operators

[Kim Jong Un] said that the resolute military activity conducted by the company this time true to the Party's battle order was ... a clear explanation of the offensive counteraction mode and the evolution of the nuclear strategy and doctrine of the DPRK not to hesitate even a nuclear attack when the



At the 9th plenary meeting of the 8th Central Committee of the Workers Party on 30 December 2023

The test-fires and launching drills of ICBM Hwasongpho-17 and Hwasongpho-18 were successfully conducted several times in the course of further accelerating the development of nuclear weapons. ... The DPRK conducted in an offensive way major military activities including launching drills of tactical ballistic missiles and cruise missiles ... (In report by general secretary Kim Jong Un "On the review of the implementation of the Party and state policies in 2023").

According to KCNA, “the conclusion clarified the task for the field of space development to launch in addition three reconnaissance satellites in 2024”.

Annex 23: Launch on 14 January 2024 of a possible IRBM with a maneuvering reentry vehicle

Statements by the DPRK²⁰⁶

On the afternoon of January 14, the DPRK Missile Administration conducted a test-fire of an intermediate-range solid-fuel ballistic missile loaded with a hypersonic maneuverable controlled warhead.

The test-fire was aimed at verifying the gliding and maneuvering characteristics of intermediate-range hypersonic maneuverable controlled warhead and the reliability of newly developed multi-stage high-thrust solid-fuel engines.

It was successfully conducted.

The test-fire never affected the security of any neighboring country and had nothing to do with the regional situation.

The Missile Administration explained that the test is a part of the administration and its affiliated defence science institutes' regular activities for developing powerful weapon systems.



Source: KCNA.

Trajectory



Source: Ministry of Defense, Japan.

Note: the ROK JCS reported it appeared to be an IRBM that flew around 1,000 km.

²⁰⁶ <http://kcna.kp/en/article/q/64e900f5bd0353837ca02d7babce3ad6c73263e00a38ff0e08c8c90fdb5f0b71866e0c7bc6571e831ca2182de7032d0.kcmsf>

Annex 24: Website of the Far Eastern Federal University (FEFU)

FEFU has announced that Kim Jong Un has visited the university, and it explains that 43 students from DPRK are studying at the university, and that “FEFU has built long-term mutually beneficial relationships with three partner universities in North Korea: Kim Chaek University of Technology, Pyongyang University of Foreign Studies and Kim Il Sung University”.



FEFU Int. Admission Office:
+7 (423) 265 24 24
(ext. 2209)



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FEDERAL
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News in Press-centre

Sep 21, 2023 - FEFU News

President of the State Affairs Commission of the Democratic People's Republic of Korea Kim Jong Un, visited the campus of the Far Eastern Federal University as a part of his diplomatic visit to Russia. DPRK Leader met with FEFU President Boris Korobets, got to know the history of the creation of the leading university in the Far East, the main directions of its activities, as well as plans to expand the scientific and educational work on campus.

As Boris Korobets told Kim Jong Un, currently FEFU is one of the biggest universities in the country and a leader in education in the Far East. Around 20 thousand students from 85 regions of the country study at the university that offers 250 educational programs in technical, engineering, technological, humanitarian, natural science, medical, pedagogical, socio-economic, mathematical and IT fields. More than 100 departments, which include 12 schools and institutes, faculty of 1,800, and more than 160 laboratories of the university are open to both beginners and world-famous scientists.

“12 years ago, President Vladimir Putin identified two main objectives for the Far Eastern Federal University: social development and saturating the workforce of the Far Eastern Federal District economy, as well as developing the Far East and Primorsky Territory as a center of science and education in the Asia-Pacific direction. As a result, we have a very wide geography of admissions. Every year, more than 60% of our first-year enrollment is from outside the Primorsky Territory, and 35% come from the European part of Russia and foreign countries. We attract the best youth in the Far East and see our mission as providing the best personnel in the most dynamically developing region of our country,” emphasized Boris Korobets.

Far Eastern Federal University is one of the key centers of Korean Studies in Russia and it has been for more than 120 years. FEFU has built long-term mutually beneficial relationships with three partner universities in North Korea: Kim Chaek University of Technology, Pyongyang University of Foreign Studies and Kim Il Sung University. Today, 450 Russians study Korean language and culture at the university.

“It is of a great significance that in the conditions of sanctions pressure exerted on our country, and at a time when many dream of us being isolated, we have more than 3,500 international students from 89 countries studying here, including 43 students from the Democratic People's Republic of Korea. FEFU is a unique center for international students; we have created the best conditions for students' life and professional development: comfortable dormitories, a Pacific Ocean bay and our own beach, sports infrastructure, a modern medical center, numerous engineering centers and laboratories equipped with the latest technology. And there will only be more such opportunities - for example, we are now designing the MegaScience installation “Russian Photon Source”. This is a photon radiation accelerator that will allow one to “look deeper” into the matter and conduct research to develop effective drugs, new materials, and complex chemical and physical processes. We already have a huge number of applications from international research teams who want to work on this equipment here in the Far East,” noted FEFU President.

Boris Korobets emphasized that the educational process and scientific research are closely related to the needs of the largest Russian companies - leaders of economic sectors that largely shape the labor market in the Far East. FEFU actively interacts with industrial partners: for example, at the last Eastern Economic Forum a joint engineering center was opened with the RusHydro company.

“We want as many students as possible to start working in hydropower engineering – this is a promising area of development. We will be very glad if students from the DPRK can get involved in this process and develop new technological solutions that are effective for the development of our countries and preserving the environment of the planet,” added FEFU President Boris Korobets in a conversation with President of the State Affairs Commission of the DPRK Kim Jong Un.

Source: FEFU website.

Annex 25: Reply from the Russian Federation

Far Eastern Federal University (FEFU) does not violate the UN SC sanctions and does not facilitate any activities by the DPRK in the field of nuclear proliferation, ballistic missile or other programs related to weapons of mass destruction.

There are in fact no academic exchanges between FEFU and the DPRK. Students and professors of the Russian institution have not been to the DPRK for the last five years. Also, the DPRK scholars do not work in FEFU. There is no scientific cooperation between FEFU and North Korean institutes and organizations.

Since 2017 the overall number of the students from the DPRK in FEFU has not exceeded 20 people. A part of them has returned from Russia back home before the border's closure right after the start of the COVID pandemic. At present, there remain at the university children of the consular officers who study bachelor humanities programs such as linguistics, philology, international affairs, history and archeology. There is no scientific research made in collaboration with FEFU professors. Also, there are no North Korean masters degree holders or postgraduates in FEFU.

**Annex 26: Media Report about an agreement signed between Universities of DPRK and Mexico,
30 September 2023**

Agreement Signed between Universities of DPRK and Mexico

Pyongyang, September 30 (KCNA) -- An agreement on friendship and cooperation between Pyongyang University of Mechanical Engineering of the DPRK and Interamericana University of the United Mexican States was made in Mexico on Sept. 22.

Pang Sun Chol, rector of Pyongyang University of Mechanical Engineering, and Jose David Ortega, president of Interamericana University, signed the agreement. -0-

www.kcna.kp (Juche112.9.30.)

Source: KCNA, <http://www.kcna.kp/en/article/q/57633d9b44c6ddba14a2deebaeb564f6.kcmsf>.

Annex 27: Friendship agreement between Pyongyang University of Mechanical Engineering of DPRK and Interamericana University in Mexico

**CONVENIO DE COLABORACIÓN DE AMISTAD QUE CELEBRAN,
POR UNA PARTE, LA UNIVERSIDAD MAQUINARIA DE
PYONGYANG DE LA REPÚBLICA POPULAR DEMOCRÁTICA
DE COREA Y, POR LA OTRA, LA UNIVERSIDAD
INTERAMERICANA A.C., EN ADELANTE “LA INTER”
DE LOS ESTADOS UNIDOS MEXICANOS**

DECLARACIONES

La Universidad Maquinaria de Pyongyang de la República Popular Democrática de Corea y la Universidad Interamericana de Puebla de los Estados Unidos Mexicanos (en adelante se denominará AMBAS PARTES) acordaron celebrar el presente Convenio para establecer una COLABORACIÓN DE AMISTAD entre las dos Universidades y realizar la cooperación de forma mutua en el campo de la educación y la ciencia y técnica, reconociendo que:

“LA UNIVERSIDAD MAQUINARIA DE PYONGYANG”:

- I. Se ha fundado el Primero de Septiembre de 1959 y tiene la misión de la Universidad rectora que forma talentosos técnicos mecánicos de varias ramas de la economía nacional que poseen los conocimientos científico-técnicos de alto nivel y la capacidad mental.
- II. Es una Institución que imparte estudios de nivel superior de varias ramas como ingeniería de producción maquinaria, ingeniería de materia, tecnología de información, ingeniería mecánica, ingeniería de equipos de transporte, tecnología de automatización, etc., así como diplomados, seminarios y talleres.
- III. Que cuenta con domicilio oficial ubicado en el Barrio Munhung No.1, Distrito Taedongang, Pyongyang.

“LA INTER”:

- I. Que es una institución de Educación Superior que imparte estudios de nivel superior en sus tipos de licenciatura con reconocimiento de validez oficial de estudios otorgado por la Secretaría de Educación Pública del Estado de Puebla, y registro ante la Dirección General de Profesiones clave 21MSU8890E, así como diplomados, cursos, seminarios y talleres en diferentes áreas del conocimiento.
- II. Que cuenta con domicilio fiscal ubicado en Avenida del Castillo 5933 INT 7, Colonia Lomas de Angelópolis, Puebla, Puebla, México, con Registro Federal de Contribuyentes número UIN850703TQ4.
- III. Que en la misión de “LA INTER” está el ayudar en el proceso de

formación integral de cada uno de sus estudiantes, para que sean personas integras, excelentes profesionistas, con grandes capacidades de liderazgo y de sostener y dirigir su propia superación. Estar comprometido mediante la colaboración con otras instituciones nacionales y extranjeras para el desarrollo de programas académicos, científicos, tecnológicos, culturales y deportivos que permitan reforzar los valores de Excelencia Académica Mejoramiento Continuo, Servicio de la Comunidad y la Honestidad Profesional

- IV. Ser una Asociación Civil constituida conforme a las leyes mexicanas, según consta en la escritura pública no. 12107 del volumen No. 17 de fecha del 28 de junio de 1985 ante la fe del Lic. Víctor Manuel Cortéz Leyva, Notario Público número veintinueve de Puebla Capital, México.

El presente Convenio se realizará al tenor de las siguientes cláusulas;

CLÁUSULA I

AMBAS PARTES establecen la relación de amistad con el objetivo de afianzar la cooperación en el campo de la educación y la ciencia.

CLÁUSULA II

AMBAS PARTES proveen en sus respectivas bibliotecas las publicaciones, fotos, videos y otros libros de la contraparte y promueven ser utilizados.

CLÁUSULA III

AMBAS PARTES acuerdan emprender acciones para el desarrollo de los siguientes rubros:

1. Intercambio cultural entre estudiantes, docentes y administrativos de ambas instituciones.
2. Proyectos de investigación conjunta.
3. Participación en eventos, simposios, talleres, conversatorios y otros de similares características de naturaleza científico-técnica, académica y de extensión.
4. Publicaciones conjuntas e Intercambio de información académica y científica de interés.
5. Organización de conferencias, seminarios, clases espejo y otras actividades similares.
6. Otras formas de colaboración en áreas de interés para ambas instituciones.

CLÁUSULA IV

1. AMBAS PARTES REALIZARÁN EL INTERCAMBIO DE LAS

SIGUIENTES MANERAS:

- El intercambio que se realizará será manera CULTURAL debido a que los programas de estudio que se ofertan en ambas Universidades nos son compatibles.
- Los candidatos al intercambio deberán reunir los requisitos establecidos por la institución receptora quien será la encargada de tomar la determinación final sobre la admisión de cada estudiante, docente o administrativo. Para ello, la universidad de origen asignará un responsable que asegure y filtre dichos candidatos, previo al proceso de selección.
- La Universidad de origen deberá asegurar que el estudiante adquiera un seguro de gastos médicos mayores internacional que incluya cobertura por accidente, enfermedad (menor, mayor y SARS-CoV-2), repatriación de restos y que no solicite el concepto de deducible, coaseguro ni reembolso.
- AMBAS PARTES acuerdan no brindar beneficios económicos o especie a los estudiantes, docentes o administrativos de intercambio. De tal manera que los gastos de alojamiento, manutención, libros y otro material escolar, correrán a cargo de cada estudiante.
- AMBAS PARTES se comprometen en brindar a los estudiantes, docentes o administrativos de intercambio la asesoría cultural necesaria durante su estancia.

2. AMBAS PARTES ACUERDAN ELABORAR Y AUTORIZAR PROYECTOS DE INVESTIGACIÓN, PUBLICACIONES, PARTICIPACIÓN EN EVENTOS, CLASES ESPEJO, ETC. DE LAS SIGUIENTES MANERAS:

- Elaborar una planeación previa al inicio de cada uno de los proyectos, misma donde se proyectará la logística y acuerdos de trabajo, tales como: objetivos, designación de roles y responsabilidades de cada una de las instituciones y los miembros que participan, plazos de cumplimiento, fuentes, formas de financiamiento, intercambio, participación de especialistas u otros.
- Dentro de dicha planeación se estipulará los temas de propiedad intelectual que llegarán a derivar de la ejecución de cada uno de los proyectos.
- La planeación deberá ser autorizada documentalmente por cada uno de los representantes de las Universidades involucradas.

CLÁUSULA V

AMBAS PARTES se comprometen a respetar las propiedades intelectuales preexistentes a la firma de este convenio en cualquiera de sus modalidades, así como las propiedades intelectuales que surjan de la ejecución de los proyectos, programas de investigaciones conjuntas y otros ejecutados en el marco del presente acuerdo.

CÁUSULA VI

El intercambio de estudiantes será administrado, gestionado y coordinado a través de los organismos técnicos correspondientes en ambas instituciones. En la “UNIVERSIDAD MAQUINARIA DE PYONGYANG” la unidad encargada será la Sección de Asuntos Exteriores y en “LA INTER”, la unidad encargada será la Dirección de Extensión Universitaria.

Estos encargados discutirán periódicamente la ejecución de dicho Convenio y supervisará y evaluará los temas realizados dentro del marco del presente Convenio.

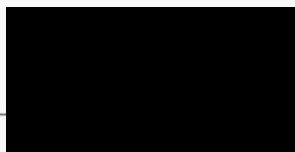
CLÁUSULA VII

El presente Convenio tendrá una duración de 5 años de vigencia y se prorrogará automáticamente por periodos similares a menos de que una de las Partes no presente por escrito de anular el presente Convenio con 6 meses de anticipación.

CLÁUSULA VIII

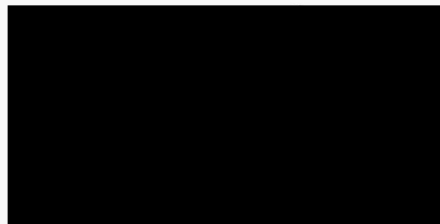
El presente Convenio entra en vigencia a partir de la fecha de suscripción.

Ambas Partes suscriben el presente Convenio al 22 del mes de septiembre del año 2023 en Pyongyang, Capital de la República Popular Democrática de Corea en dos ejemplares; en idioma coreano y en el español, de igual tenor.



Rector

**En representación de
la Universidad Maquinaria de
Pyongyang de la República
Popular Democrática de Corea**



Rector

**En representación de
la Universidad Interamericana
de Puebla de los Estado
Unidos Mexicanos**

Source: The Panel, annotated by the Panel.

Translated from Spanish

Agreement on friendly collaboration concluded by Pyongyang Mechanical University of the Democratic People's Republic of Korea, of the one part, and the Universidad Interamericana, A.C., hereinafter "Inter", of the United Mexican States, of the other part

Representations

Pyongyang Mechanical University of the Democratic People's Republic of Korea and the Universidad Interamericana de Puebla of the United Mexican States, hereinafter referred to as "the two parties", agree to enter into the present agreement to establish friendly collaboration between the two universities and to engage in mutual cooperation in the fields of education, science and technology, recognizing the information set out below.

"Pyongyang Mechanical University":

- I. Was founded on 1 September 1959 and, as a leading university, seeks to train talented mechanical technicians of various sectors of the national economy, who possess high-level scientific and technical knowledge and mental abilities.
- II. Is an institution that offers advanced studies in various fields such as machine production engineering, materials engineering, information technology, mechanical engineering, transportation equipment engineering and automation technology, as well as diploma courses, seminars and workshops.
- III. Has its official domicile at Munhŭng I-dong, Taedonggang District, Pyongyang.

"Inter":

- I. Is a higher-education institution that offers advanced studies leading to bachelor's degrees, which are officially recognized by the Secretariat of Public Education of the State of Puebla and are registered with the General Directorate of Professions (code 21MSU8890E), as well as diploma programmes, courses, seminars and workshops in different areas of knowledge.
- II. Has its fiscal domicile at Avenida del Castillo 5933 INT 7, Colonia Lomas de Angelópolis, Puebla, Puebla, México, with Federal Taxpayer Registration number UIN850703TQ4.
- III. Seeks to facilitate the comprehensive training of each of its students, to enable them to become integrated people and excellent professionals with strong capacities for leadership and for sustaining and directing their own growth. "Inter" is also committed to collaborating with other national and foreign institutions on the development of academic, scientific, technological, cultural and athletic programmes that reinforce the values of academic excellence, continuous improvement, community service and professional honesty.

- IV. Is a civil association under Mexican law, pursuant to Public Deed No. 12107 of volume No. 17 dated 28 June 1985, executed before Víctor Manuel Córtez Leyva, Notary Public No. 29 of the city of Puebla, México.

The present agreement shall be implemented in accordance with the covenants set out below.

Covenant I

The two parties shall establish friendly relations in order to strengthen cooperation in the field of education and science.

Covenant II

Each party shall provide in its libraries publications, photos, videos and other materials from the other party, and shall promote their use.

Covenant III

The two parties agree to take steps to develop the following initiatives:

1. Cultural exchange between students, teachers and administrative staff of both institutions
2. Joint research projects
3. Participation in events, symposiums, workshops, talks and other similar activities focused on scientific and technical, academic and outreach-related matters
4. Joint publications and exchange of academic and scientific information of interest
5. Organization of conferences, seminars, collaborative online courses and other similar activities
6. Other forms of collaboration in areas of interest to both institutions

Covenant IV

1. The two parties shall carry out exchanges in the manner described below.
 - The exchanges to be carried out shall be cultural in nature, as the programmes of study offered at the two universities are not compatible.
 - Candidates for exchange shall meet the requirements established by the receiving institution, which shall be responsible for making the final determination regarding the admission of each student, teacher and administrative staff member. For this purpose, the sending university shall designate a person to vet and screen such candidates before the selection process.

- The sending university shall ensure that the student obtains international insurance for major medical events, which shall include coverage for accidents, illnesses (minor, major and severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)) and the repatriation of remains, and shall not require a deductible, coinsurance or reimbursement.
 - The two parties agree not to provide financial or in-kind benefits to students, teachers and administrative staff involved in exchanges. The cost of accommodation, meals, books and other school supplies shall therefore be paid by each student.
 - The two parties agree to provide students, teachers and administrative staff involved in exchanges with the necessary cultural advice during their stay.
2. The two parties agree to develop and authorize research projects, publications, participation in events, collaborative online courses and other initiatives in the manner described below.
- Prepare a plan before the beginning of each project, covering logistics and work arrangements including objectives, designation of the roles and responsibilities of each of the participating institutions and members, deadlines, sources, funding methods, exchange, participation of specialists and others.
 - This plan shall stipulate the intellectual property-related issues that shall arise from the implementation of each project.
 - Each of the representatives of the universities involved shall draw up documents authorizing the plan.

Covenant V

Both parties agree to respect intellectual property existing before the signing of this agreement, whatever its form, as well as intellectual property arising from the implementation of projects, joint research programmes and other initiatives under the present agreement.

Covenant VI

Student exchanges shall be administered, managed and coordinated through the appropriate technical bodies at both institutions. At “Pyongyang Mechanical University”, the relevant unit shall be the Foreign Affairs Section, and at “Inter”, the relevant unit shall be the University Outreach Department.

These bodies shall periodically discuss the implementation of this agreement and shall supervise and evaluate the activities conducted under the agreement.

Covenant VII

The present agreement shall have a period of validity of five years and shall automatically be extended for similar periods unless one of the parties cancels it in writing six months in advance.

Covenant VIII

The present agreement shall enter into force on the date of signature.

The two parties hereby sign the present agreement on 22 September 2023 in Pyongyang, capital of the Democratic People's Republic of Korea, in two copies, in the Korean and Spanish languages, both texts being identical in meaning.

(Signed)



Rector

On behalf of Pyongyang Mechanical University of the Democratic People's Republic of Korea

(Signed)

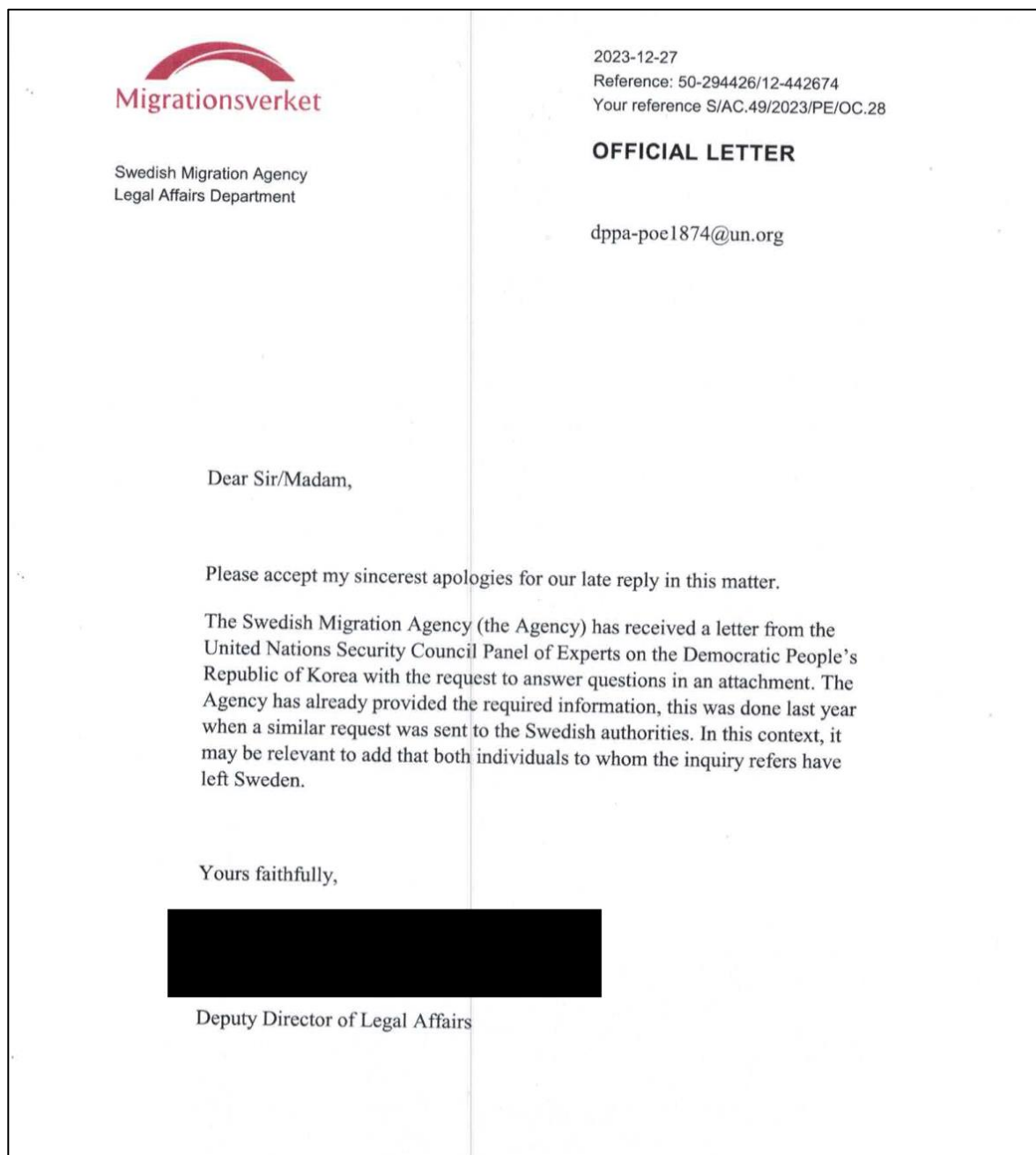


Rector

On behalf of the Universidad Interamericana de Puebla of the United Mexican States

Annex 28: Reply from Swedish Migration Agency

The Panel previously reported that two DPRK researchers from Pyongyang University of Science and Technology studying Ph.D. course at a Swedish university finished their life science research courses in 2019 and 2020. Of two the students, the Panel found that one student who had graduated from the course in 2020 was then employed by another research institute in Sweden²⁰⁷.



Source: Member State.

²⁰⁷ S/2022/668, para. 15 and annex 12.

Annex 29: Letter to the 1718 Committee from 55 Member States regarding the oil cap, their report and accompanying imagery

Excellency,

On behalf of the Permanent Missions of Albania, Australia, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Canada, Chile, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Dominican Republic, Estonia, Finland, France, Georgia, Germany, Greece, Guatemala, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Latvia, Liberia, Liechtenstein, Lithuania, Luxembourg, Malta, the Marshall Islands, Micronesia, Moldova, Montenegro, Netherlands, New Zealand, Norway, Palau, Peru, Poland, Portugal, Qatar, the Republic of Korea, Romania, Slovak Republic, Slovenia, Spain, Türkiye, Ukraine, and the United Kingdom, and the United States Mission to the United Nations, we have the honor to submit to the 1718 Committee a request for the Committee Secretary to take the actions described in operative paragraph 5 of Resolution 2397 because the aggregate amount of refined petroleum products sold, supplied, or transferred to the Democratic People's Republic of Korea (DPRK) in 2023 has exceeded the annual cap of 500,000 barrels.

Attached please find a report, sponsored by the above Member States, detailing observations of illicit DPRK-refined petroleum imports, which exceed the 500,000-barrel refined petroleum cap set in UNSCR 2397. In total, we have documented 87 unreported deliveries of refined petroleum products to DPRK ports between January 1 and September 15, 2023. When aggregated, these deliveries represent 1,523,381 barrels of illicit imports. We are providing satellite imagery as evidence for all of these cases.

- 2 -

Specifically, we request the following actions be taken:

- We request the 1718 Committee Secretary issue a public note verbale to all UN Member States that the aggregate amount of refined petroleum products sold, supplied, or transferred to the DPRK in 2023 has exceeded the cap set by the Security Council and inform Member States that they must immediately cease selling, supplying, or transferring refined petroleum products to the DPRK for the remainder of the year.
- We request the Chair to issue a Committee press release to inform the general public of this information.
- We further request this note verbale and press release include a call for all Member States to immediately exercise enhanced vigilance regarding the DPRK attempting to procure additional refined petroleum products and to prevent illicit ship-to-ship transfers of refined petroleum products to vessels owned, controlled, or acting on behalf of or working in cooperation with the DPRK.
- We further request the 1718 Committee Secretary update the website to include the illicit refined petroleum imports in our report and show the aggregate amount of refined petroleum products sold, supplied, or transferred to the DPRK in 2023 has exceeded the cap set by the Security Council using the conversion rate and other information in the report.

We request the Chair circulate our report to the 1718 Committee and our proposal for Committee action by November 21, 2023, under the regular five-day NOP process.

Accept, Excellency, the renewed assurances of our highest consideration.

[Signed]

[Permanent representatives of Albania, Australia, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Canada, Chile, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Dominican Republic, Estonia, Finland, France, Georgia, Germany, Greece, Guatemala, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Latvia, Liberia, Liechtenstein, Lithuania, Luxembourg, Malta, the Marshall Islands, Micronesia, Moldova, Montenegro, Netherlands, New Zealand, Norway, Palau, Peru, Poland, Portugal, Qatar, the Republic of Korea, Romania, Slovak Republic, Slovenia, Spain, Türkiye, Ukraine, the United Kingdom and the United States of America]

Report to the UN 1718 Committee: The DPRK's Breach of the UNSCR 2397 Refined Petroleum Cap

Albania, Australia, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Canada, Chile, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Dominican Republic, Estonia, Finland, France, Georgia, Germany, Greece, Guatemala, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Latvia, Liberia, Liechtenstein, Lithuania, Luxembourg, Malta, the Marshall Islands, Micronesia, Moldova, Montenegro, Netherlands, New Zealand, Norway, Palau, Peru, Poland, Portugal, Qatar, the Republic of Korea, Romania, Slovak Republic, Slovenia, Spain, Türkiye, Ukraine, the United Kingdom, and the United States remain gravely concerned regarding large-scale evasion of restrictions the UN Security Council has imposed on the Democratic People's Republic of Korea's (DPRK) import of refined petroleum products. UN Security Council resolution UNSCR 2397, operative paragraph (OP) 5, limits the DPRK to importing no more than 500,000 barrels of refined petroleum per year. Any Member State supplying, selling, or transferring refined petroleum products is required to submit reports to the UN 1718 Committee informing it of the transfer every 30 days in order to allow the Committee to maintain an accounting of the DPRK's imports.

Moreover, UNSCR 2375 OP 11 prohibits UN Member States from engaging in ship-to-ship (STS) transfers with any DPRK-flagged vessel of any goods or items that are being supplied, sold, or transferred to or from the DPRK. Nevertheless, DPRK-flagged vessels continue to conduct STS transfers on a regular basis as the DPRK's primary means of importing refined petroleum. The information in this report demonstrates that the DPRK has exceeded the UNSCR 2397 annual 500,000-barrel cap for 2023.

This submission further affirms previous submissions from 2018, 2019, 2020, 2021, and 2022 (see S/AC.49/2018/NOTE.213, S/AC.49/2019/NOTE.134, S/AC.49/2020/COMM.254, S/AC.49/2021/NOTE.105, and S/AC.49/2022/NOTE.61) and Panel of Experts reporting (see maritime sections of S/2018/171, S/2019/171, S/2019/691, S/2020/151, S/2020/840, S/2021/211, S/2021/777, S/2022/132, S/2022/668 and S/2023/171) that exhaustively demonstrated and detailed the illicit practices employed by the DPRK to circumvent UNSCR-mandated restrictions on its ability to import refined petroleum products. As a result, this report will not seek to repeat in detail the specific information the DPRK's evasive practices outlined in previous formal submissions to the UN 1718 Committee. These practices continue unabated, but the DPRK utilizes an ever-evolving fleet of vessels under its flag or its direct control to perpetrate pervasive and ongoing sanctions evasion.

This report demonstrates that the DPRK continues to conduct UN-prohibited STS transfers and imports of refined petroleum that are not reported to the 1718 Committee as required, and again this year has exceeded the UNSCR 2397 OP 5 refined petroleum products cap of 500,000 barrels per annum. This report supplies images and import volume data for vessels that continue to make deliveries of refined petroleum into DPRK ports and in the DPRK's territorial sea, without these deliveries being reported to the UN 1718 Committee. STS transfers of any cargo are explicitly prohibited by UNSCR 2375, so the relevant Member States involved in supplying refined petroleum products to DPRK tankers fail to report these volumes to avoid self-incrimination. As a result, the UN 1718 Committee's official accounting of the DPRK's imports vastly underrepresents the volume of refined petroleum products that actually enter the DPRK.

The overarching purpose of UNSCR 2397's provision limiting the DPRK's ability to import refined petroleum products is to limit the DPRK's ability to develop weapons of mass destruction (WMD) and ballistic missiles, which are a threat to international peace and security and are prohibited by numerous UNSCRs. The restriction on the DPRK's refined petroleum products imports is critical to ensuring that the DPRK chooses to halt these prohibited programs and completely denuclearize. If the DPRK is able to continue evading international sanctions, it has little incentive to make such choices. As long as the DPRK continues to import refined petroleum products in excess of the UN-mandated cap with limited accountability at the UN, UNSCR 2397 OP 5 will remain ineffectual – which also undermines both the DPRK UNSCRs as well as the UN 1718 Committee.

These deliveries have significantly contributed to a substantial breach of the 500,000-barrel annual cap set by UNSCR 2397. We estimate that, this year alone, the DPRK has imported over 1,523,381 barrels via 87 confirmed tanker deliveries as of September 15, 2023. Again in 2023, refined petroleum transfers to the DPRK utilized DPRK-flagged vessels, a change from previous years when foreign-flagged delivery vessels directly unloaded petroleum at DPRK ports. Due to COVID-19 restrictions, oil was acquired by DPRK-flagged ships from foreign flagged vessels via STS, and those laden DPRK-flagged ships then underwent quarantine measures outside of the lock-gates near DPRK ports prior to delivering their petroleum cargoes.

As discussed in previous submissions on the DPRK's breach of the import cap in 2018, 2019, 2020, 2021, and 2022, this report cannot provide an exact figure for each delivery of refined

petroleum products to the DPRK, as that information is not readily available to any UN Member State other than the DPRK. This report instead calculates how much petroleum was acquired by the DPRK based on each vessel's dead weight tonnage, with estimates for each ship at two different levels of cargo storage capacity – 90 percent and 60 percent of the vessels' dead weight tonnage. It is highly likely that DPRK tankers deployed in search of precious and limited refined petroleum and fuel via STS transfers or engaging in direct deliveries would arrive in DPRK ports with as much of their cargo capacities full (i.e., 90 percent calculation). The expenditure of scarce resources and fuel consumption by the tanker itself, the risks of tanker disruption or interdiction, and the DPRK's dependence on importing refined petroleum would not justify the tanker in question returning to port with less than 90 percent of its cargo storage capacity filled.

We are providing images that document 87 deliveries of refined petroleum products to DPRK ports, which, when aggregated, represent 1,523,381 barrels of illicit imports – constituting a clear breach of the cap imposed by UNSCR 2397 OP 5, based on the 90 percent metric. Even if each of these tankers delivered only 60 percent of their capacity in these 87 deliveries, which would be neither financially nor logistically sound, the estimated volume (1,015,588 barrels) would still represent a breach of the annual cap. Table 1 below documents each of these transfers and provides an associated volume. Table 2 below graphically depicts the DPRK's import of refined petroleum between January 1 and September 15, 2023.

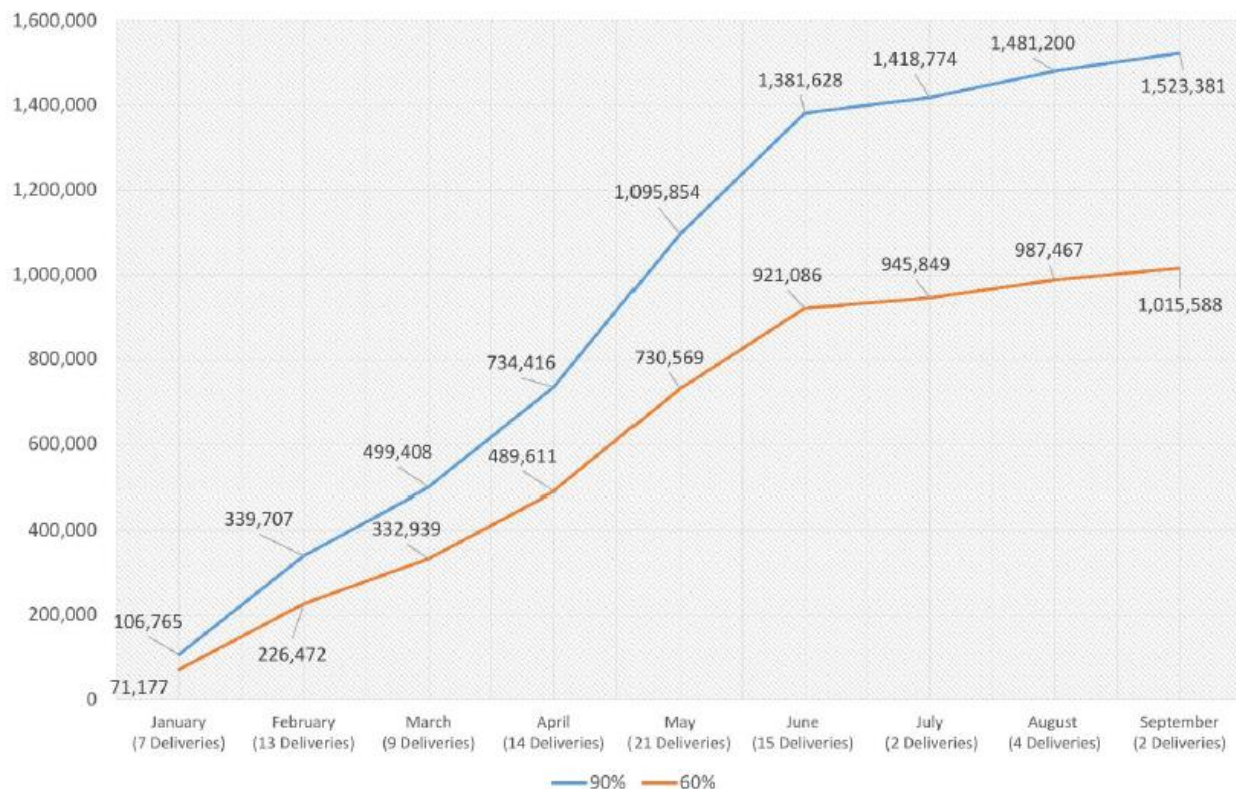
Please refer to pages one through five of the attached Annex.

Given the information provided herein, we request that the 1718 Committee immediately make an official determination that the aggregate amount of refined petroleum products sold, supplied, or transferred to the DPRK in 2023 has exceeded the 500,000-barrel annual cap and inform Member States that they must immediately cease selling, supplying, or transferring refined petroleum products to the DPRK for the remainder of the year. Similarly, the Panel of Experts is requested to review this report's analysis and underlying information in order to make a determination in its next report on the volume of refined petroleum product imports to the DPRK and the associated implications for the implementation of UNSCR 2397's refined petroleum product import cap.

See Appendix 1 for more information on vessels that have discharged refined petroleum in 2023.

Please refer to pages five through 126 of the attached Annex.

2023 DPRK Unreported Seaborne Petroleum Imports (BBLs) January 01 – September 15



	Port	Arrival Date	IMO	Vessel Name	Dead Weight Tonnage	Delivery Metric 60% Laden	Delivery Metric 90% Laden
1	Nampo	03-JAN-23	8916293	Sin Phyang 9	1,150.0	690.0	1,035.0
2	Nampo	08-JAN-23	8848276	Po Chon	3,538.0	2,122.8	3,184.2
3	Nampo	18-JAN-23	8720436	Kum Un San	2,070.0	1,242.0	1,863.0
4	Nampo	18-JAN-23	8865121	Sin Pyong 5	3,295.0	1,977.0	2,965.5
5	Hungnam	19-JAN-23	8021579	Sin Phyang 14	949.0	569.4	854.1
6	Nampo	25-JAN-23	8660313	Chon Ma San	3,565.0	2,139.0	3,208.5
7	Nampo	27-JAN-23	8898740	Ji Song 6	1,250.0	750.0	1,125.0
8	Nampo	02-FEB-23	9129653	Paek Yang San 1	5,403.0	3,241.8	4,862.7
9	Nampo	05-FEB-23	7408873	Sam Jong 2	2,507.0	1,504.2	2,256.3
10	Nampo	05-FEB-23	8604917	Yu Jong 2	1,206.0	723.6	1,085.4
11	Nampo	08-FEB-23	8817007	Sin Phyang 2	2,105.0	1,263.0	1,894.5
12	Nampo	10-FEB-23	8610461	Kum Ryong 3	1,998.0	1,198.8	1,798.2
13	Nampo	14-FEB-23	8708684	Kum Jin Gang 2	1,988.0	1,192.8	1,789.2
14	Nampo	14-FEB-23	8791667	Chang Hae 1	4,983.0	2,989.8	4,484.7
15	Hungnam	14-FEB-23	8021579	Sin Phyang 14	949.0	569.4	854.1
16	Nampo	16-FEB-23	8711021	Chil Bo San	1,999.0	1,199.4	1,799.1
17	Nampo	19-FEB-23	7389704	Rye Song Gang 1	3,003.0	1,801.8	2,702.7
18	Nampo	21-FEB-23	9066978	Paek Ma	2,250.0	1,350.0	2,025.0
19	Chongjin	23-FEB-23	8916293	Sin Phyang 9	1,150.0	690.0	1,035.0
20	Nampo	26-FEB-23	7636638	Wol Bong San	4,969.0	2,981.4	4,472.1
21	Nampo	04-MAR-23	8865121	Sin Pyong 5	3,295.0	1,977.0	2,965.5
22	Chongjin	13-MAR-23	8021579	Sin Phyang 14	949.0	569.4	854.1
23	Nampo	19-MAR-23	7303803	An San 1	3,003.0	1,801.8	2,702.7

	Port	Arrival Date	IMO	Vessel Name	Dead Weight Tonnage	Delivery Metric 60% Laden	Delivery Metric 90% Laden
24	Nampo	19-MAR-23	N/A	Un Hung 8	2,733.3	1,640.0	2,460.0
25	Nampo	19-MAR-23	8817007	Sin Ph Yong 2	2,105.0	1,263.0	1,894.5
26	Nampo	29-MAR-23	7408873	Sam Jong 2	2,507.0	1,504.2	2,256.3
27	Nampo	29-MAR-23	8610461	Kum Ryong 3	1,998.0	1,198.8	1,798.2
28	Nampo	30-MAR-23	9132612	Nam Dae Bong	4,999.0	2,999.4	4,499.1
29	Nampo	30-MAR-23	8720436	Kum Un San	2,070.0	1,242.0	1,863.0
30	Nampo	02-APR-23	8916293	Sin Ph Yong 9	1,150.0	690.0	1,035.0
31	Nampo	02-APR-23	8604917	Yu Jong 2	1,206.0	723.6	1,085.4
32	Nampo	02-APR-23	8106496	Sam Ma 2	1,731.0	1,038.6	1,557.9
33	Nampo	07-APR-23	8610461	Kum Ryong 3	1,998.0	1,198.8	1,798.2
34	Nampo	07-APR-23	8691702	Yu Son	3,398.0	2,038.8	3,058.2
35	Nampo	09-APR-23	8711021	Chil Bo San	1,999.0	1,199.4	1,799.1
36	Chongjin	11-APR-23	8865121	Sin Pyong 5	3,295.0	1,977.0	2,965.5
37	Nampo	16-APR-23	8660313	Chon Ma San	3,565.0	2,139.0	3,208.5
38	Nampo	18-APR-23	8405311	Sam Jong 1	1,665.0	999.0	1,498.5
39	Nampo	20-APR-23	8817007	Sin Ph Yong 2	2,105.0	1,263.0	1,894.5
40	Nampo	20-APR-23	8791667	Kum Jin Gang 3	4,983.0	2,989.8	4,484.7
41	Songnim	21-APR-23	8720436	Kum Un San	2,070.0	1,242.0	1,863.0
42	Nampo	24-APR-23	9045962	Un Hung	3,685.0	2,211.0	3,316.5
43	Nampo	26-APR-23	8605026	Kwang Chon	1,966.0	1,179.6	1,769.4
44	Nampo	01-MAY-23	8708684	Kum Jin Gang 2	1,988.0	1,192.8	1,789.2
45	Nampo	01-MAY-23	8898740	Ji Song 6	1,250.0	750.0	1,125.0
46	Nampo	01-MAY-23	8691702	Yu Son	3,398.0	2,038.8	3,058.2
	Port	Arrival Date	IMO	Vessel Name	Dead Weight Tonnage	Delivery Metric 60% Laden	Delivery Metric 90% Laden
47	Songnim	01-MAY-23	8720436	Kum Un San	2,070.0	1,242.0	1,863.0
48	Nampo	01-MAY-23	8604917	Yu Jong 2	1,206.0	723.6	1,085.4
49	Nampo	01-MAY-23	8610461	Kum Ryong 3	1,998.0	1,198.8	1,798.2
50	Nampo	01-MAY-23	8705539	Ryong Jon	2,889.0	1,733.4	2,600.1
51	Nampo	06-MAY-23	7408873	Sam Jong 2	2,507.0	1,504.2	2,256.3
52	Nampo	08-MAY-23	N/A	Un Hung 8	2,733.3	1,640.0	2,460.0
53	Nampo	08-MAY-23	7303803	An San 1	3,003.0	1,801.8	2,702.7
54	Nampo	11-MAY-23	8916293	Sin Ph Yong 9	1,150.0	690.0	1,035.0
55	Nampo	16-MAY-23	8865121	Sin Pyong 5	3,295.0	1,977.0	2,965.5
56	Nampo	16-MAY-23	7636638	Wol Bong San	4,969.0	2,981.4	4,472.1
57	Nampo	16-MAY-23	8610461	Kum Ryong 3	1,998.0	1,198.8	1,798.2
58	Nampo	19-MAY-23	8660313	Chon Ma San	3,565.0	2,139.0	3,208.5
59	Nampo	22-MAY-23	8708684	Kum Jin Gang 2	1,988.0	1,192.8	1,789.2
60	Songnim	23-MAY-23	8705539	Ryong Jon	2,889.0	1,733.4	2,600.1
61	Nampo	25-MAY-23	8405311	Sam Jong 1	1,665.0	999.0	1,498.5
62	Nampo	25-MAY-23	8312497	Song Won 2	4,999.0	2,999.4	4,499.1
63	Nampo	29-MAY-23	8708684	Kum Jin Gang 2	1,988.0	1,192.8	1,789.2
64	Nampo	29-MAY-23	8610461	Kum Ryong 3	1,998.0	1,198.8	1,798.2
65	Nampo	02-JUN-23	9054896	A Sa Bong	4,975.0	2,985.0	4,477.5
66	Nampo	02-JUN-23	8691702	Yu Son	3,398.0	2,038.8	3,058.2
67	Songnim	02-JUN-23	8720436	Kum Un San	2,070.0	1,242.0	1,863.0
68	Nampo	03-JUN-23	8122347	Nam San 8	3150.0	1,890.0	2,835.0
69	Nampo	10-JUN-23	8708684	Kum Jin Gang 2	1,988.0	1,192.8	1,789.2

	Port	Arrival Date	IMO	Vessel Name	Dead Weight Tonnage	Delivery Metric 60% Laden	Delivery Metric 90% Laden
70	Nampo	15-JUN-23	8669589	A Bong 1	3,250.0	1,950.0	2,925.0
71	Nampo	16-JUN-23	8791667	Kum Jin Gang 3	4,484.7	2,690.8	4,036.2
72	Nampo	23-JUN-23	8916293	Sin Phygong 9	1,150.0	690.0	1,035.0
73	Nampo	23-JUN-23	N/A	Un Hung 8	2733.3	1,640.0	2,460.0
74	Nampo	23-JUN-23	8711021	Chil Bo San	1,999.0	1,199.4	1,799.1
75	Chongjin	23-JUN-23	8720436	Kum Un San	2,070.0	1,242.0	1,863.0
76	Nampo	27-JUN-23	8660313	Chon Ma San	3,565.0	2,139.0	3,208.5
77	Nampo	28-JUN-23	7303803	An San 1	3,003.0	1,801.8	2,702.7
78	Hungnam	28-JUN-23	8865121	Sin Pyong 5	3,295.0	1,977.0	2,965.5
79	Nampo	28-JUN-23	8604917	Yu Jong 2	1,206.0	723.6	1,085.4
80	Nampo	19-JUL-23	8691702	Yu Son	3,398.0	2,038.8	3,058.2
81	Chongjin	27-JUL-23	8817007	Sin Phygong 2	2,105.0	1,263.0	1,894.5
82	Nampo	09-AUG-23	8916293	Sin Phygong 9	1,150.0	690.0	1,035.0
83	Nampo	09-AUG-23	N/A	Un Hung 8	2,733.3	1,640.0	2,460.0
84	Hungnam	31-AUG-23	8865121	Sin Phygong 5	3,295.0	1,977.0	2,965.5
85	Songnim	31-AUG-23	8720436	Kum Un San	2,070.0	1,242.0	1,863.0
86	Nampo	08-SEP-23	8898740	Ji Song 6	1,250.0	750.0	1,125.0
87	Nampo	14-SEP-23	8312497	Song Won 2	4,999.0	2,999.4	4,499.1







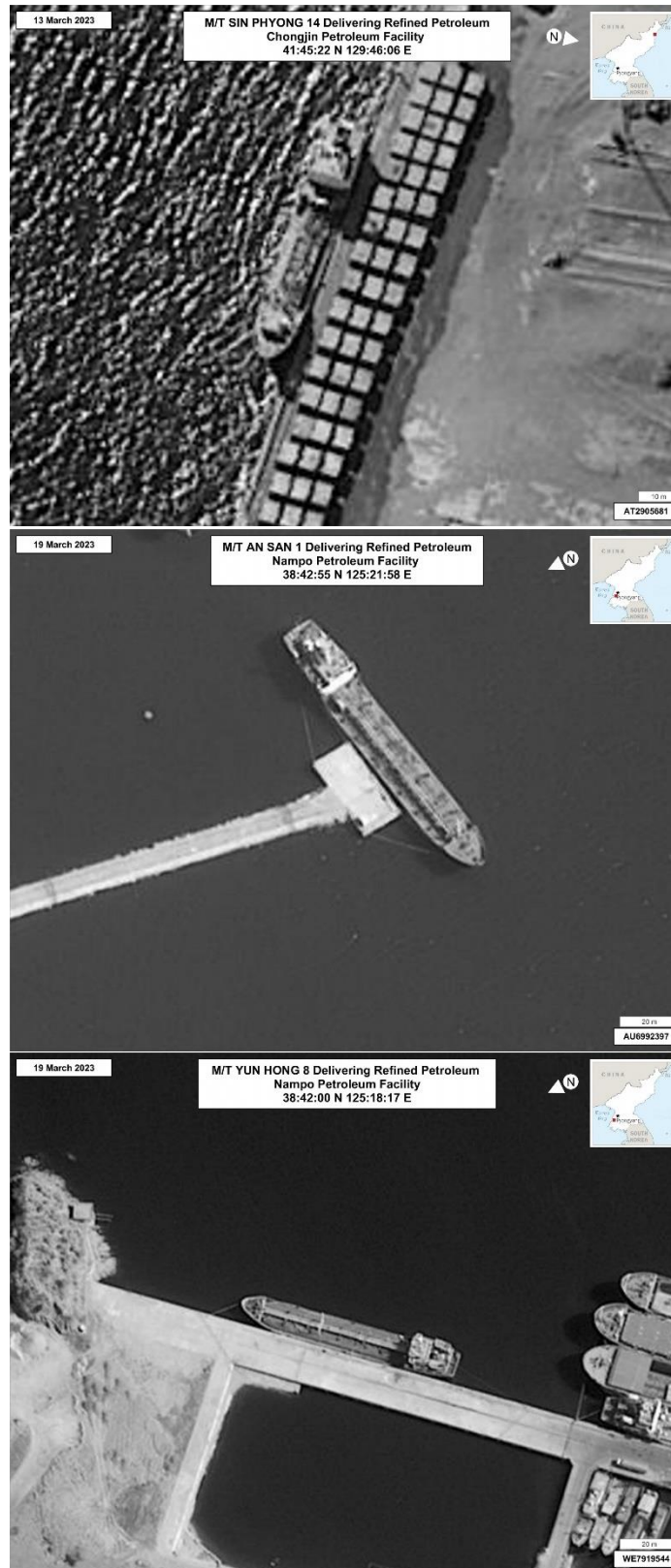


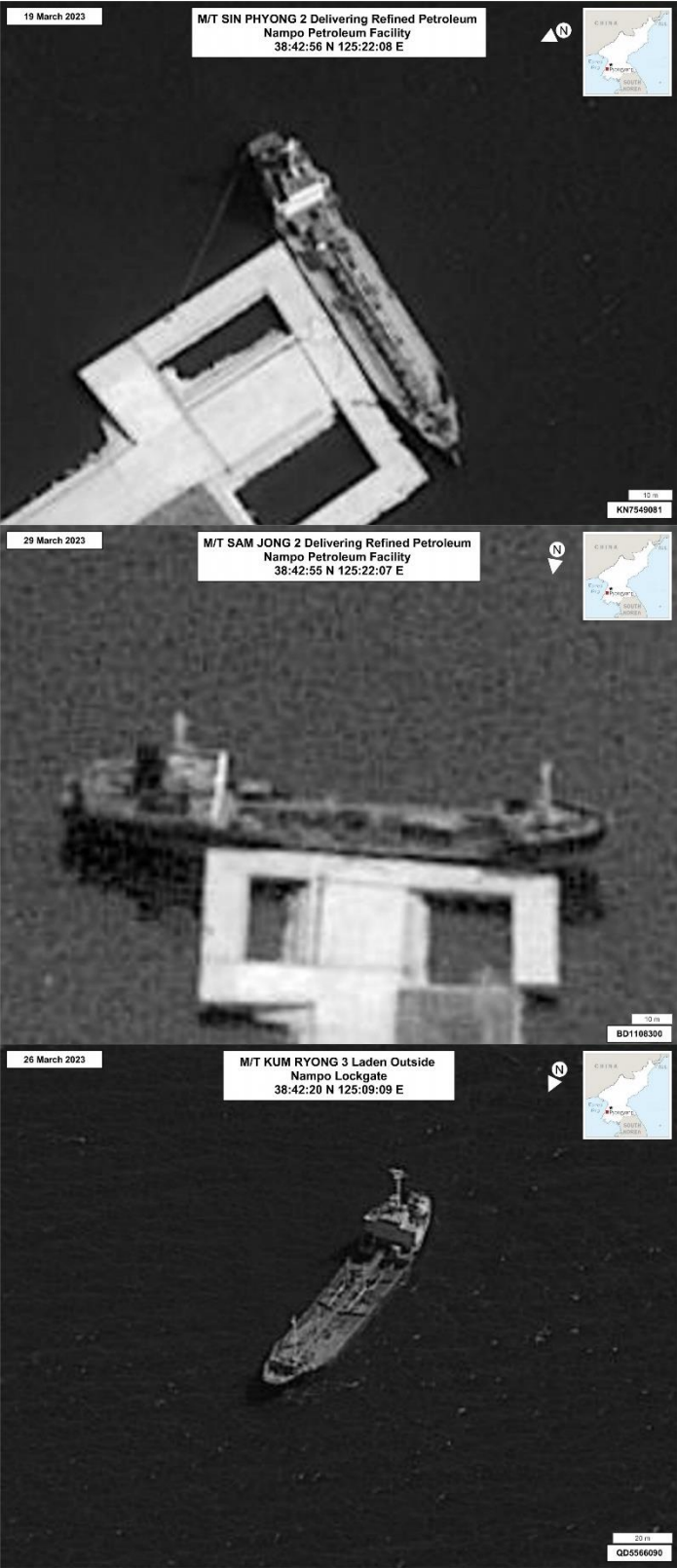




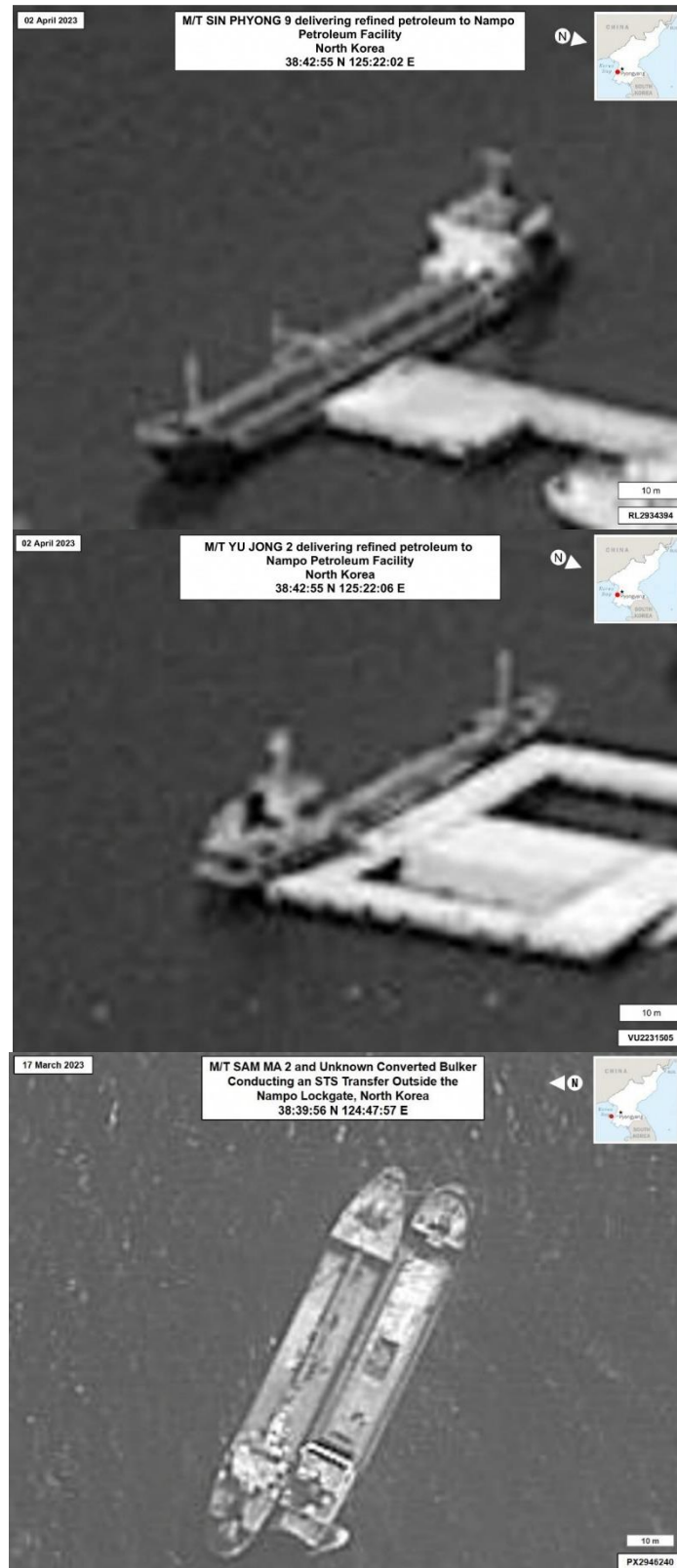






















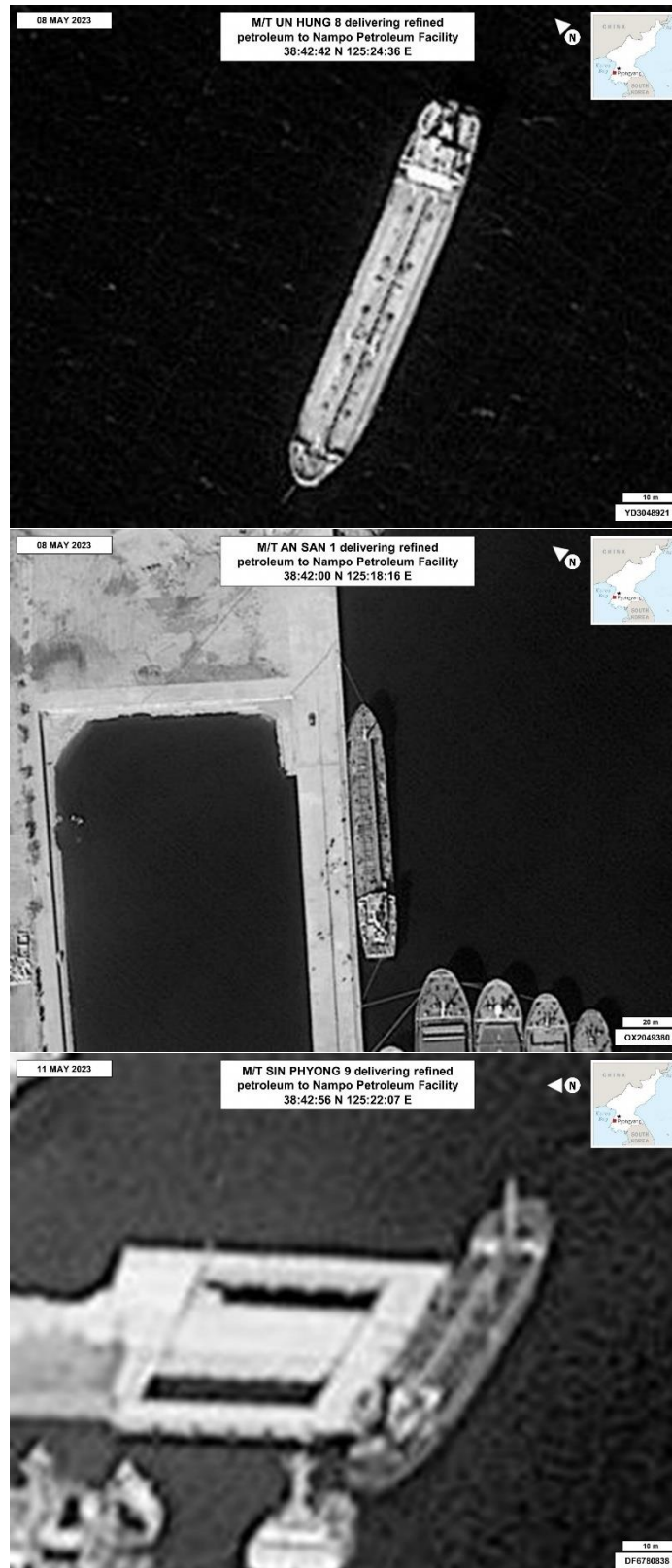












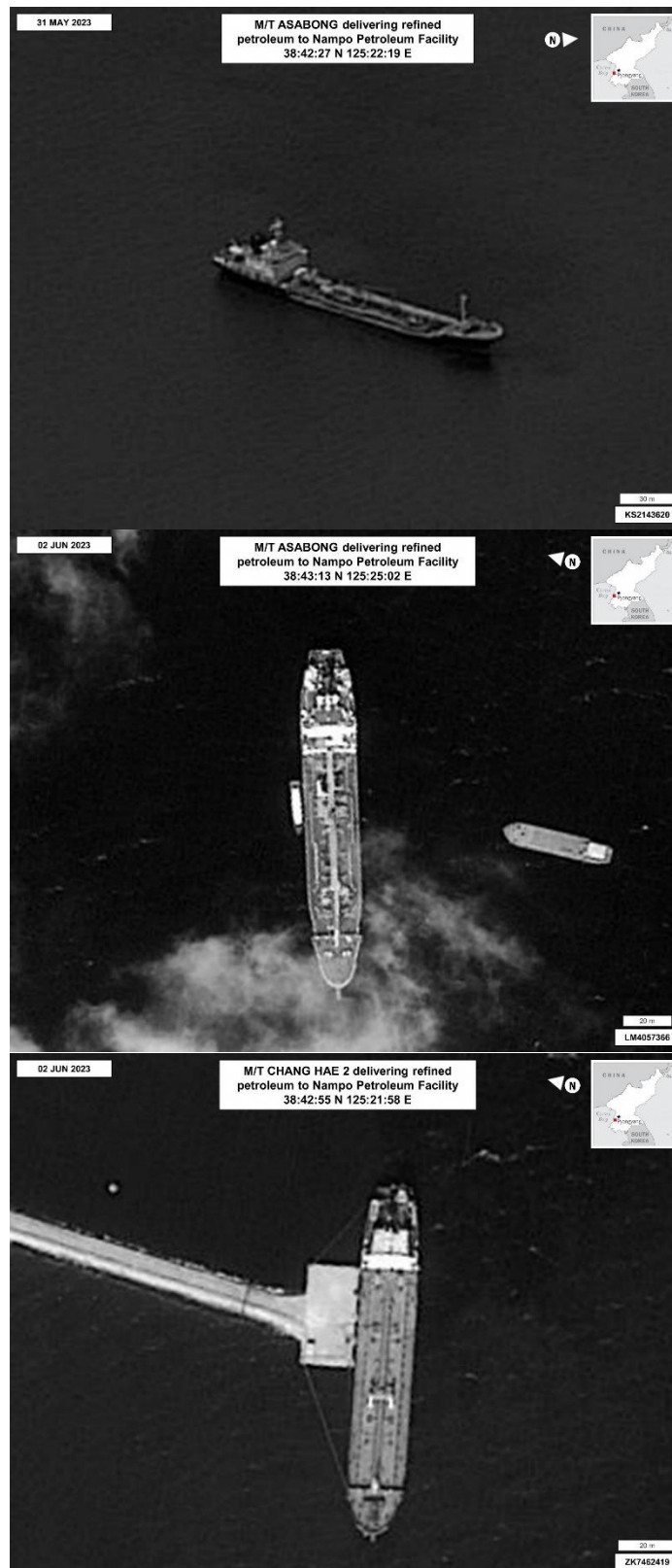




































Source: Member State.

Annex 30: Positions of China and the Russian Federation on the letter from 55 Member States regarding the oil cap dated 21 November 2023**Communication dated 28 November 2023 from the delegation of China to the Committee**

Dear colleagues,

China takes note of the joint letter from some member states dated 20th November.

Over the years, we have witnessed several similar joint letters which contained same observations supported by unclear satellite photos from individual countries. For the content of the letter in consideration is quite the same and based on same methodology, China is still in the same position that the Committee should take actions on the basis of solid evidence and sufficient facts instead of crude estimation based on assumptive conditions. It is neither scientific nor prudent for the report to draw such a conclusion that the annual limit of refined petroleum has been exceeded.

Thus, China would like to put this proposal on hold.

Communication dated 29 November 2023 from the delegation of the Russian Federation to the Committee

Dear colleagues,

Regarding the joint letter dated 20th November on the oil cap, Russia takes note of the proposed actions by the Chair. Given the lack of the official first-hand information on the issue we oppose using controversial sources, such as unclear satellite photos, as a basis for action of the Committee.

Therefore we would like to put the proposed draft note verbale and draft press release on hold.

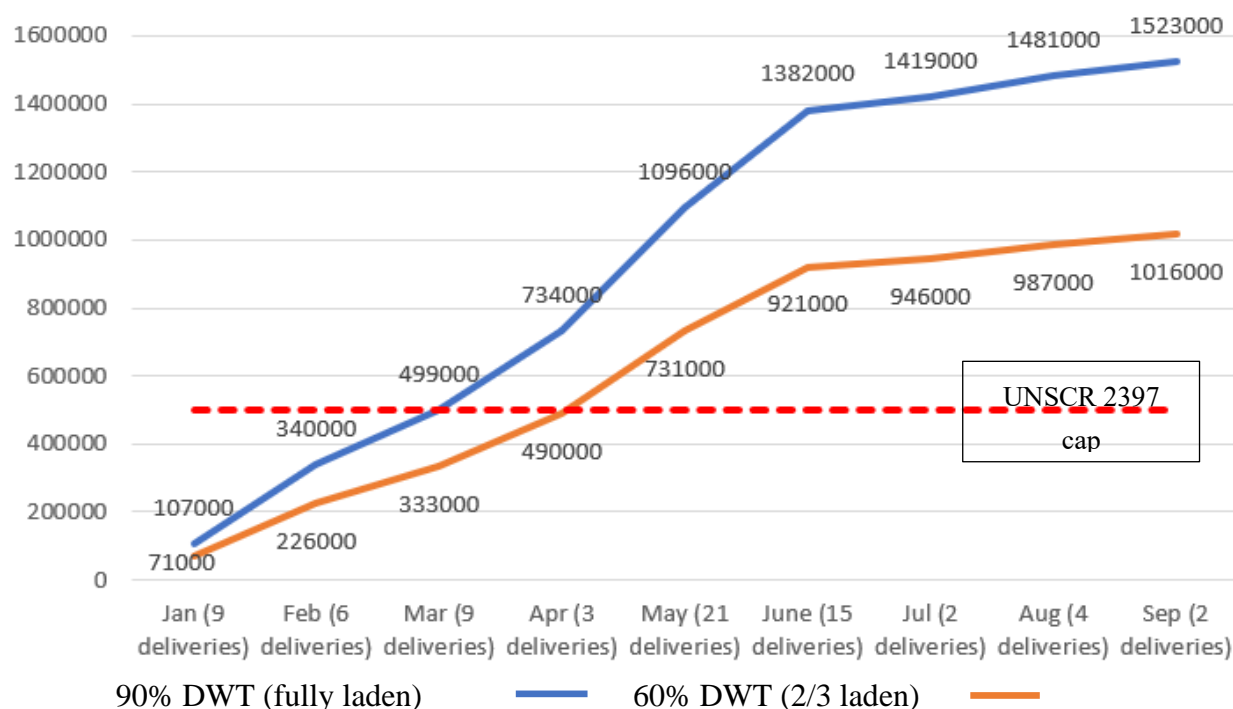
Annex 31: The Panel's review of the report submitted by 55 Member States²⁰⁸

1. In their report, the 55 Member States wrote “*the Panel of Experts is requested to review this report's analysis and underlying information in order to make a determination in its next report on the volume of refined petroleum product imports to the DPRK and the associated implications for the implementation of UNSCR 2397's refined petroleum product import cap.*”

2. The Panel has no independent data sources to corroborate the estimates made in the Member States' letter. DPRK tankers rarely employ AIS transmissions and are thus extremely difficult to track on maritime monitoring systems, and only DPRK could confirm the exact quantity and types of refined petroleum products delivered by each tanker.

3. Deadweight tonnage (DWT) is the total of the weights of a vessel's cargo, fuel, fresh water, ballast water, provisions, and crew. According to industry standards, a vessel's estimated maximum cargo capacity is approximately 90% of its DWT (as stated on the website of the International Maritime Organization), although a vessel which was deliberately stripped back and sailing dangerously might carry more than 90% of its DWT. [One expert agrees with this review only up to this point.]

Table 1: Reported deliveries (in barrels, rounded down to nearest 10,000 barrels) of refined oil products, Nampo, Hungnam, Chonjin and Songnim, January- September 2023



Source: 55 Member States, the Panel.

²⁰⁸ One expert agrees only with paras. 1-3.

4. The Member States' estimates, although based on observed deliveries in only the first nine months of the year, indicate that the oil cap was breached in February (based on cargo capacity of 90% of DWT) or April (60% of DWT). There could have been more unobserved deliveries of refined petroleum to Nampo and the other ports in this period (at night, or under cloud cover), but not fewer.²⁰⁹

5. Finally, because the Panel is currently unable to distinguish between licit deliveries of refined oil products reported to the 1718 Committee and illicit deliveries, the amounts of oil products in Figure VIII of the main text might either be a part of the estimated deliveries in table 1 above or they should be added to the estimates.

²⁰⁹ One expert disagrees with the inclusion of paragraph 4.

Annex 32: *Chon Ma San* (IMO: 8660313)

Photograph of the UN-designated DPRK-flagged tanker *Chon Ma San* taken in 2020

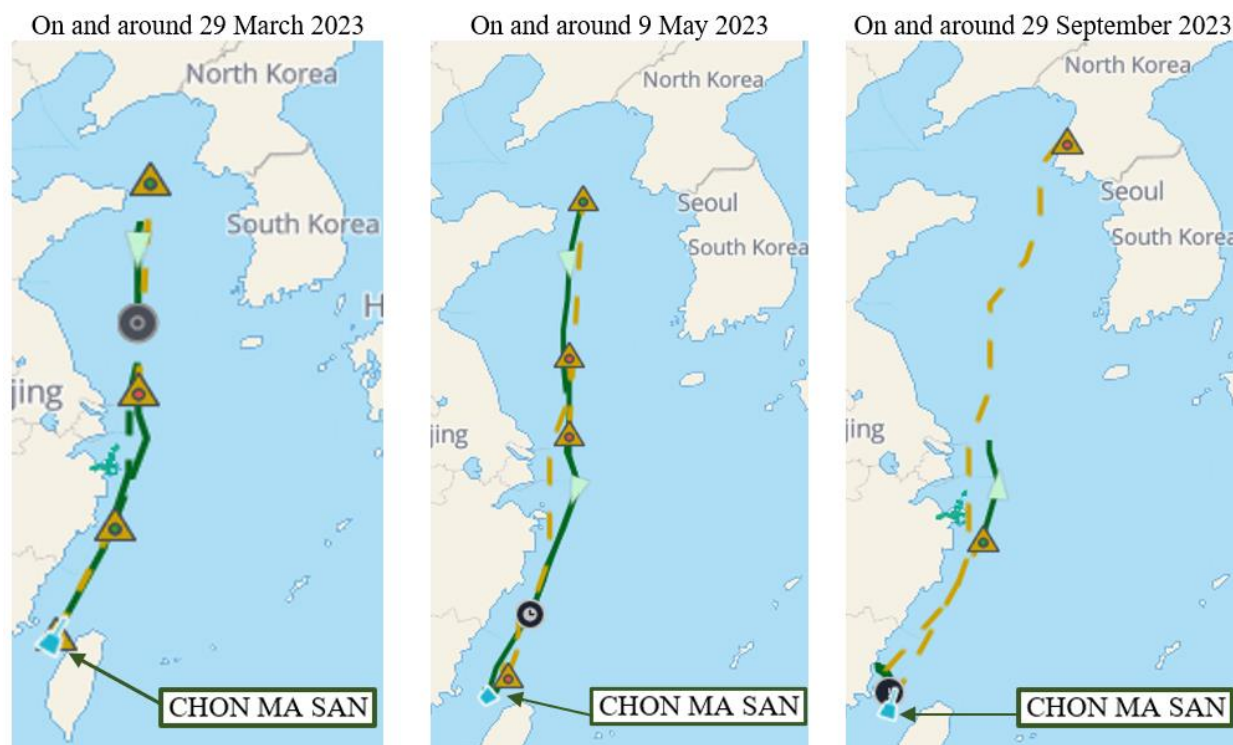


Source: Member State.

In 2023, the DPRK-flagged *Chon Ma San* transited south into the East China Sea on a near- monthly basis, of which on three occasions (March, May and September) she transited in the Taiwan Strait in an area where multi-stage oil cargo transfers destined for the DPRK have been known to occur (see figure 1).

Satellite imagery provided by 55 Member States (annex 29) showed *Chon Ma San* offloading refined petroleum at Nampo port on four occasions ²¹⁰, putting the relevant dates of 16 April and 19 May 2023 at Nampo within a two-week timeframe following the tanker's AIS transmissions on and around 29 March and 9 May 2023 identified in figure 1 below. This timeframe of off-load in the DPRK is consistent with past Panel investigations tracking ship-to-ship transfers, where DPRK tankers would typically stay out for longer periods of time to maximize its oil cargo loads before returning home. Previous imageries provided by a Member State of DPRK tankers at Nampo port have typically shown DPRK tankers as heavily laden. Prior to 2023, *Chon Ma San* was last recorded transmitting AIS signal on the same commercial maritime database in May 2020.

²¹⁰ *Chon Ma San* was imaged at Nampo port on: 23 January, 16 April, 19 May and 27 June 2023.

Figure 1: *Chon Ma San* transiting into a sea area in the Taiwan Strait, March, May and September 2023

Source: Windward, annotated by the Panel.

Chon Ma San has repeatedly delivered refined petroleum to the DPRK over the years²¹¹ despite being designated on 30 March 2018.²¹² In 2021, the Panel reported²¹³ another ship-to-ship transfer on 8 August the same year, between *Chon Ma San* and *Diamond 8* (IMO: 9132612) in another known transfer sea area in the DPRK's economic exclusive zone (figure 2). *Diamond 8*, another FDDV that was widely reported by the Panel, came under the DPRK's fleet as of August 2021 sailing as *Nam Dae Bong*.²¹⁴

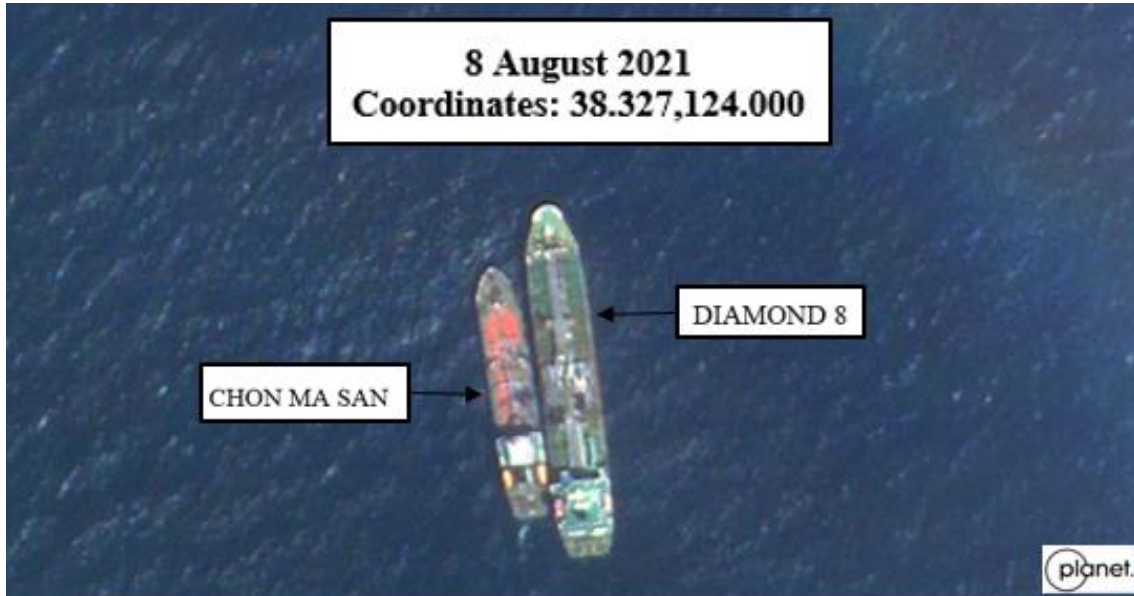
²¹¹ See S/2019/961, annex 1, table 1; S/2021/151, annex 1; S/2020/840, annex 15, table 1; S/2021/211, annex 21; S/2022/132, annex 31, table 1; S/2022/668, annex 24; S/2023/171, annex 27, table 1; and S/2023/656, annex 26.

²¹² <https://www.un.org/securitycouncil/sanctions/1718/materials/1718-Designated-Vessels-List>. *Chon Ma San* was designated for conducting ship-to-ship transfer with *Jin Hye* (IMO: 8518572) in December 2017. *Jin Hye* was de-flagged as of April 2018, based on IMO records.

²¹³ S/2022/132 paras 40.

²¹⁴ This information was retroactively updated on the IMO GISIS' website several years after the vessel had come under the DPRK's fleet.

Figure 2: *Chon Ma San* and *Diamond 8* (currently *Nam Dae Bong*), DPRK EEZ, 8 August 2021



Source: Planet Labs, annotated by the Panel.

Annex 33: DPRK vessels spoofing their digital identity

The tabled list of DPRK vessels as reported by the Enforcement Coordination Cell (ECC)²¹⁵ partner nations. The Panel has independently tracked many of the spoofed names on a commercial maritime database platform.²¹⁶ Several have continued to spoof ship names and MMSIs they were previously registered sailing on.

Table 1: DPRK vessels spoofing their identity, 1 April to 15 September 2023

VESSEL DETAILS		Observed Spoofing Measure on AIS		
NAME	IMO	Name	IMO	MMSI
EVER GLORY	9102813	EVER FENG	9102813	-
		925	-	-
		CHONG SU DONG	866031300	445082000
		F. LONLINE	-	-
		LITON	-	-
		SONGMYENG2	8817007	445725000
SINPYONG 11	9154189	RYON PUNG	9154189	445810000
SIN PHYONG 2	8817007	MIN HAE	8817007	445725000
		TIAN YOU	-	-
SIN PYONG 5	8865121	RYON PUNG	9154189	445810000
		SINPHYONG5	8865121	445121000
NAM DAE BONG	9132612	SHUN LI	9298064	671291100
SIN PHYONG 14	8021579	MADUCAN	-	-
CHANG HAE 2	8691702	YU SON	445604000	-
CHON MA SAN	8660313	CHONG SU DONG	8660313000	445082000
CHIL BO SAN	8711021	LITON	-	45710600
		SINHUNG	8711021	445723000
RON PHUNG	9154189	XIA MEN	-	445810000
SAM JONG 1	8405311	445308000	-	445308000
KUM RYONG 3	8610461	RYONG BONG 1	8610461	445591000
CHOL BONG SAN 1	9125308	DAEHO SUNRISE	9125308	445290000
		MU BONG 1	-	-

Source: Member State.

²¹⁵ See <https://www.state.gov/pacific-security-maritime-exchange/>

²¹⁶ Windward.

Annex 34: DPRK tanker with a reconfigured cargo ship

In this imagery (figure 1), the DPRK Tanker *Sam Ma 2* (IMO: 8106496) was observed berthed alongside a cargo ship that was re-configured to take on oil cargo. The Member State that provided the satellite imagery indicated that both vessels conducted ship-to-ship transfer. Further, the absence of venting structures, firefighting appliance and interconnected cargo piping for the said transfer meant the reconfiguration was not compliant with international regulations. The Panel separately notes that the location of the ship-to-ship transfer within the DPRK's territorial waters indicate that the cargo ship could be a DPRK ship, consistent with information reported by the Panel in 2022.²¹⁷ A similar looking reconfigured cargo ship was photographed earlier in 2020²¹⁸ (figure 2).

Figure 1: DPRK tanker conducting ship-to-ship transfer with a reconfigured cargo ship, West Sea Barrage, 17 March 2023



Source: Member State.

²¹⁷ S/2022/668, paras. 31-34 and recommendation 87.

²¹⁸ S/2023/171, annex 30.

Figure 2: Another example of a re-configured cargo ship with closeups showing likely concealed fuel tanks, East China Sea, October 2020*



*Redactions by the Panel.

In the instance of *Sam Ma*, the Member State observed the vessel in turn transferred some refined petroleum cargo to a smaller tanker without IMO number later the same month of March 2023. The small vessel in turn was assessed to have discharged her cargo to other DPRK-flagged vessels anchored within the West Sea Barrage, likely to keep their generators running (figure 3). *Sam Ma 2* delivered its remaining oil cargo at Nampo in early April (figure 4).

Figure 3: *Sam Ma 2* with non-IMO vessel *Jhong Yoog You 2*, Nampo, 26 March 2023

Source: Member State.

Figure 4: *Sam Ma 2* pier side delivering refined petroleum, Nampo, 2 April 2023

Source: Member State.

Annex 35: Additional replies from Member States on trade statistics in the Panel's previous report (S/2023/656, annex 52)

Letter from the Permanent Mission of Colombia and Colombia's reply



No. 23-658-E

New York, 9 August 2023

Mrs. [REDACTED]
Acting Coordinator of the Panel of Experts established pursuant to
Security Council Resolution 1874 (2009)
United Nations

Mrs. [REDACTED]

I address you in reply to your letter S/AC.49/2023/PE/OC.112 dated 15 June 2023, requesting detailed information concerning trade data from Colombia, following regulations established by Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013), 2270 (2016), 2321 (2016), 2356 (2017), 2371 (2017), 2375 (2017) and 2397 (2017).

Please find the detailed information attached to this letter, provided by Colombia's National Entities regulating trade and taxes.

The Permanent Mission of Colombia will be attentive to provide any further information should the Panel of Experts needs it.
Sincerely,

LEONOR ZALABATA TORRES
Ambassador, Permanent Representative



DIRECCIÓN DE ASUNTOS POLÍTICOS MULTILATERALES
Viceministerio de Asuntos Multilaterales
**RESPUESTA REQUERIMIENTO DEL PANEL DE EXPERTOS
ESTABLECIDO EN VIRTUD DE LA RESOLUCIÓN 1874 (2009) DEL
CONSEJO DE SEGURIDAD DE LAS NACIONES UNIDAS**

12 de julio de 2023

**Requerimiento realizado a Colombia mediante comunicación
S/AC.49/2023/PE/OC.112 del 15 de junio de 2023**

La siguiente información se remite, en virtud a lo respondido por la Dirección de Impuestos y Aduanas Nacionales de Colombia (DIAN)

**EXPORTACIONES DE LA REPÚBLICA POPULAR DEMOCRÁTICA DE COREA (RPDC)
A COLOMBIA (IMPORTACIONES)**

1. **Confirmar si los siguientes datos son exactos. De ser inexactos presentar copias digitales de documentos originales o una explicación sobre la causa de la inexactitud.**

Tabla 1. Maquinaria (Código SA 84)

Fecha	Valor aproximado (USD)
Octubre de 2022	1.000
Noviembre de 2022	2.000
Enero de 2023	1.000

Frente a las operaciones mencionadas en la Tabla 1, se informa que revisado el sistema informático aduanero se encontró lo siguiente:

- a. Octubre de 2022: Declaración de importación No. 032022001424645-0 con valor en aduana de USD 808,77; en la cual, si bien aparece la RPDC como país de origen de la mercancía (Disco separador transmisión), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a los Estados Unidos. *Esto quiere decir que, el exportador o proveedor en el exterior está ubicado en Estados Unidos.*
- b. Noviembre de 2022: Declaraciones de importación números 412022000017644-8, 412022000017649-4, 412022000017650-2 y 412022000017659-8 con valor FOB de USD 95,90, USD 29,00, USD 47,54 y USD 6,46, respectivamente.

Se debe tener en cuenta que si bien en estas declaraciones de importación, la RPDC aparece como país de origen de la mercancía (culata de motor, filtro de aceite para vehículo, filtro de aire, filtro de gas, embrague), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Panamá. *En todos los casos el exportador o proveedor en el exterior está ubicado en Panamá.*

Así mismo, se encontró la declaración No. 032022001650505-6 con valor FOB de USD 1.681,73; en la cual, si bien aparece la RPDC como país de origen de la mercancía (Módulo MCU marca Hyundai), se observa que tanto el país exportador, como el país de compra y



el país de procedencia corresponde a los Estados Unidos. *El exportador o proveedor en el exterior está ubicado en Estados Unidos. El importador tiene calidad Operador Económico Autorizado (OEA).*

Las declaraciones de importación antes mencionadas tienen un valor FOB total de USD 1.860,63.

- c. Enero de 2023: Declaración de importación de 032023000086977-7 con valor en aduana de USD 758,89; en la cual, si bien aparece la RPDC como país de origen de la mercancía (Memoria RAM/repuesto sistema de tomografía computarizada), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a los *Estados Unidos*.

Tabla 2. Textiles (código SA 61)

Fecha	Valor aproximado (USD)
Noviembre de 2022	4.000
Diciembre de 2022	1.000

Respecto a las operaciones mencionadas en la Tabla 2, se informa que revisado el sistema informático aduanero se encontró lo siguiente:

- a. Noviembre de 2022: Declaraciones de importación números 902022000180606-2 y 902022000200831-0 con valor FOB de USD 30,42 y USD 4.050,48; en las cuales, si bien aparece LA RPDC como país de origen de la mercancía (Medias marca polo Ralph Lauren), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Panamá. *En ambos casos el exportador o proveedor en el exterior está ubicado en Panamá.*

Las declaraciones de importación antes mencionadas tienen un valor FOB total de USD 4.080,90

- b. Diciembre de 2022: Declaraciones de importación números 902022000205266-1, 902022000211452-1 y 902022000211454-4 con valor FOB de USD 520,20, USD 658,20 y USD 162, 84; en las cuales, si bien aparece la RPDC como país de origen de la mercancía (Medias marca polo Ralph Lauren), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Panamá. *En todos los casos el exportador o proveedor en el exterior está ubicado en Panamá.*

Las declaraciones de importación antes mencionadas tienen un valor FOB total de USD 1.341,24.

Aunque se encontraron operaciones que corresponden a los valores aproximados señalados por el International Trade Centre (ICT) Trade Map en las Tablas 1 y 2, es importante anotar que las Resoluciones del Consejo de Seguridad de Naciones Unidas solo indican el capítulo del Sistema Armonizado (SA) o hacen una mención general de la mercancía, por lo que de la descripción que aparece en las declaraciones de importación no se podría inferir que las mismas serán utilizadas en armamento nuclear o misiles.

Los capítulos 61 y 84 del SA comprenden una amplia gama de artículos, y en consecuencia, no todos los bienes de dichos capítulos podrían estar incluidos dentro de las prohibiciones de las Resoluciones del Consejo de Seguridad de Naciones Unidas.



De otra parte, es de resaltar que, aunque las mercancías tenían como país de origen a la RPDC, en ningún caso este fue el país exportador, de compra o de procedencia.

Igualmente, existe la posibilidad de haberse cometido un error de digitación en la casilla No. 66 del código país de origen en las declaraciones de importación, es decir, que en realidad el origen es la República de Corea (190) y no la RPDC (187). La información encontrada se remitirá para las acciones de correspondencia en el control posterior.

2. Si los cargamentos de la RPDC a Colombia que contenían los artículos relevantes fueron inspeccionados de conformidad con el párrafo 18 de la resolución 2270 (2016), y de ser así, la razón por la cual no fueron incautados y dispuestos de conformidad con el párrafo 20 de la resolución 2397 (2017).

Es importante tener en cuenta que el ingreso de las mercancías al país está sometido a tres etapas de control aduanero: i) previo; ii) simultáneo y; iii) posterior.

El control previo se surte en el momento en que la mercancía (carga) llega a los aeropuertos, puertos o cruces de frontera, etapa en la cual los transportadores internacionales informan a la Dirección de Impuestos y Aduanas Nacionales (DIAN), a

través de los Sistemas Informáticos Electrónicos, los datos relacionados en los documentos de transporte, entre ellos, el país de embarque, pues no conoce el país de origen o de negociación de la mercancía. Aunque sistema de la DIAN contiene la información entregada por los transportadores, esta entidad no puede detectar si una mercancía tiene como origen la RPDC.

El control simultáneo tiene lugar cuando una vez surtida la etapa del control previo, los usuarios presentan las declaraciones de importación y solicitan el levante de las mercancías a través de los sistemas informáticos de la DIAN.

Al respecto, y acatando el Convenio de Facilitación al Comercio (AFC) de la Organización Mundial de Comercio (OMC), la DIAN cuenta con un sistema de selectividad y perfilamiento de riesgo, y en tal sentido las declaraciones pueden ser seleccionadas para inspección física, inspección documental u obtener levante automático. En este último caso no se hace inspección alguna.

Igualmente, en virtud de las mismas normas de facilitación, hay importadores que después de haber cumplido una serie de requisitos son reconocidos por la DIAN y otras entidades de control como *Operadores Económicos Autorizados (OEA)*, cuyas operaciones de comercio exterior no representan riesgo. Estos importadores tienen beneficios, entre ellos, la obtención del levante automático de las mercancías, sin que ello impida que puedan ser sometidas a acciones de control.

Por último, el control posterior corresponde a las facultades de fiscalización que ejerce la autoridad aduanera sobre las mercancías que han obtenido el levante, en virtud del cual es posible incautarlas o aplicar sanciones conforme a la normatividad aduanera vigente.

Como se indicó en el punto anterior, las Resoluciones del Consejo de Seguridad de Naciones Unidas solo se refieren al capítulo del Sistema Armonizado o hacen una mención general de la mercancía, y de la descripción que aparece en las declaraciones de importación, por lo que no se podría inferir si dichas mercancías serán utilizadas en armamento nuclear o misiles, así como



tampoco en armamento químico y biológico. *Acorde con lo anterior, las mercancías no fueron incautadas y/o eliminadas.*

Adicionalmente, conforme a la legislación interna se debe adelantar un proceso de definición de situación jurídica de las mercancías que respete al debido proceso.

3. Cualquier otra información relevante y/o acción tomada por las autoridades colombianas con respecto a las exportaciones de la RPDC a Colombia (importaciones).

Las operaciones de referencia tienen a *Estados Unidos y Panamá* como países de exportación, de compra o de procedencia. En tal sentido se entiende que, aunque la mercancía haya sido fabricada en la RPDC, la transacción no se adelantó con este país.

Con respecto a las medidas adoptadas, uno de los principios en que se fundamenta el Decreto 1165 de 2019, por el cual se dictan disposiciones relativas al Régimen de Aduanas de Colombia es, precisamente, el de seguridad y facilitación en la cadena logística de las operaciones de comercio exterior. Esto quiere decir que el control se cumplirá bajo un sistema de gestión de riesgo que permita neutralizar el contrabando, el lavado de activos, fortalecer la seguridad en las fronteras, así como prevenir el riesgo ambiental y la proliferación de armas de destrucción masiva.

En esa línea, las Resoluciones del Consejo de Seguridad de Naciones Unidas son socializadas con las Direcciones Seccionales de la DIAN para su observancia y cumplimiento, sin desconocer los instrumentos internacionales que en materia de agilización de las operaciones de comercio exterior nos corresponde aplicar, tal como es el AFC de la OMC.

Así mismo, desde esa entidad se han expedido comunicaciones a las Direcciones Seccionales, mediante las cuales se imparten lineamientos relativos al reconocimiento de carga y de otra parte, se han realizado solicitudes de selectividad aduanera en los que se dan instrucciones para efectos de aplicación de controles.

Finalmente, es importante mencionar que en la actualidad la DIAN adelanta un proceso de modernización tecnológica que incluye el fortalecimiento del sistema de gestión de riesgos, lo que seguramente redundará en un control más efectivo.

IMPORTACIONES DE LA RPDC DESDE COLOMBIA (EXPORTACIONES)

Tabla 3. Hierro y acero (SA 72)

Fecha	Valor Aproximado (USD)
Diciembre de 2022	1.590.000

1. Confirmar si los datos son exactos. De ser inexactos presentar copias digitales de documentos originales o una explicación sobre la causa de la inexactitud.

Revisadas las bases estadísticas de exportaciones del mes de diciembre de 2022 <https://www.dian.gov.co/dian/cifras/Paginas/Bases-Estadisticas-de-Comercio-ExteriorImportaciones-y-Exportaciones.aspx>, se encontró una exportación desde Colombia, consistente en mercancía de la partida arancelaria 7202600000 (ferróniquel) por valor FOB de USD 1.589.688,33 que en la casilla del país de destino aparece la RPDC (187).



Sin embargo, luego de verificar la razón social y domicilio del destinatario se observa que la mercancía va dirigida para la empresa “M/S POSCO con dirección 6261 DONGHAEAN - RO NAM - GU POHANG- SI GYEONGSANGEUK- DO THE REPUBLIC OF KOREA” ubicada en la República de Corea, según información disponible en <https://www.posco.co.kr/homepage/docs/eng6/jsp/company/posco/s91a1000012c.jsp> y en <https://es.wikipedia.org/wiki/POSCO>.

Conforme a ello, se trata de un error en el diligenciamiento de la declaración de exportación en la casilla de país de destino, *por lo que el tema también será remitido al área competente del control posterior.*

2. Si los cargamentos de Colombia a la RPDC que contenían los artículos relevantes fueron inspeccionados de conformidad con el párrafo 18 de la resolución 2270 (2016), y de ser así, la razón por la cual no fueron incautados y dispuestos de conformidad con el párrafo 20 de la resolución 2397 (2017).

No se puede contestar esta pregunta, por cuanto la operación de exportación tiene como destino real una empresa ubicada en la República de Corea.

3. Cualquier otra información relevante y/o acción realizada por las autoridades colombianas con respecto a las importaciones de la RPDC desde Colombia (Exportaciones).

No se puede contestar esta pregunta, por cuanto la operación de exportación tiene como destino real una empresa ubicada en la República de Corea.

CONTROL ADUANERO

1. Rechazo o incautación.

En relación con cualquier caso de rechazo del despacho de aduana o incautación de mercancías que involucren a la RPDC como país de destino/consignación/origen, fabricación o tránsito, se adjunta un cuadro con la información suministrada por la DIAN correspondiente a “*los registros de las aprehensiones realizadas cuyo posible país de procedencia es la RPDC, para los años 2022 y 2023 con corte al 18 de junio de 2023, los reportes incluyen (en orden de aparición), las siguientes columnas: País de procedencia, Clasificación Arancelaria, Descripción de la mercancía aprehendida, Unidad de medida, Cantidad de mercancía aprehendida, Número de aprehensiones y valor de las aprehensiones realizadas*”.

2. Información que pudiera considerarse pertinente para el trabajo según lo dispuesto por el Consejo de Seguridad a este respecto.

Con miras a una implementación que permita cumplir estrictamente con las Resoluciones del Consejo de Seguridad de Naciones Unidas, para Colombia, especialmente para la DIAN, sería valioso conocer las mejores prácticas internacionales que se aplican en los diferentes países encaminadas al cumplimiento de lo dispuesto en las resoluciones del Consejo de Seguridad de las Naciones Unidas relativas a la RPDC y su articulación con las normas de facilitación de comercio, dada la dificultad para detectar que una mercancía tiene como origen la RPDC. Por ejemplo, cuando ha sido comprada en un país diferente y adicionalmente es embarcada en otro (procedencia) que no corresponde ni al de compra ni al de origen.

Colombia (*Translated from Spanish*)

Ministry of Foreign Affairs of Colombia

Office of the Director of Multilateral Political Affairs

Office of the Deputy Minister of Multilateral Affairs

Reply to the request of the Panel of Experts established pursuant to Security Council resolution 1874 (2009)

12 July 2023

Request sent to Colombia through communication S/AC.49/2023/PE/OC.112 of 15 June 2023

The following information is based on the reply of the Directorate of National Taxes and Customs of Colombia.

Exports from the Democratic People's Republic of Korea to Colombia (imports)

1. Confirmation as to whether the following data are accurate. If they are inaccurate, please submit digital copies of original documents or an explanation of the cause of the inaccuracy:

Table 1. Machinery (HS code 84)

Date	Approximate value (United States dollars)
October 2022	1,000
November 2022	2,000
January 2023	1,000

Regarding the transactions in table 1, the customs computer system was consulted and the following information was found:

- a. October 2022: import declaration No. 032022001424645-0, with a customs value of \$808.77. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (transmission separator discs), the United States of America is the country of export, the country of purchase and the country of provenance. This means that the exporter or overseas supplier is located in the United States.

- b. November 2022: import declarations No. 412022000017644-8, No. 412022000017649-4, No. 412022000017650-2 and No. 412022000017659-8, with free-on-board values of \$95.90, \$29.00, \$47.54 and \$6.46, respectively.

Although the Democratic People's Republic of Korea appears as the country of origin of the goods (cylinder heads, vehicle oil filters, air filters, gas filters and clutches), Panama is the country of export, the country of purchase and the country of provenance. In all cases, the exporter or overseas supplier is located in Panama.

Declaration No. 032022001650505-6 was also found, with a free-on-board value of \$1,681.73. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (Hyundai machine control units), the United States is the country of export, the country of purchase and the country of provenance. The exporter or overseas supplier is located in the United States. The importer is an authorized economic operator.

Those import declarations have a total free-on-board value of \$1,860.63.

- c. January 2023: import declaration No. 032023000086977-7, with a customs value of \$758.89. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (random access memory (RAM)/replacement computerized tomography system), the United States is the country of export, the country of purchase and the country of provenance.

Table 2. Textiles (HS code 61)

Date	Approximate value (United States dollars)
November 2022	4,000
December 2022	1,000

Regarding the transactions in table 2, the customs computer system was consulted and the following information was found:

- a. November 2022: import declarations No. 902022000180606-2 and No. 902022000200831-0, with free-on-board values of \$30.42 and \$4,050.48. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (Ralph Lauren Polo brand socks), Panama is the country

of export, the country of purchase and the country of provenance. In both cases, the exporter or overseas supplier is located in Panama.

Those import declarations have a total free-on-board value of \$4,080.90.

- b. December 2022: import declarations No. 902022000205266-1, No. 902022000211452-1 and No. 902022000211454-4, with free-on-board values of \$520.20, \$658.20 and \$162.84. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (Ralph Lauren Polo brand socks), Panama is the country of export, the country of purchase and the country of provenance. In all cases, the exporter or overseas supplier is located in Panama.

Those import declarations have a total free-on-board value of \$1,341.24.

Although transactions were found that correspond to the approximate values indicated in the International Trade Centre Trade Map in tables 1 and 2, the Security Council resolutions contain only the Harmonized System chapter or a general reference to the goods. As a result, from the description that appears in the import declarations, it cannot be inferred that they will be used in nuclear weapons or missiles.

Harmonized System chapters 61 and 84 comprise a wide range of items. Consequently, not all the goods in those chapters could be subject to the prohibitions in the Security Council resolutions.

Furthermore, although the Democratic People's Republic of Korea was the country of origin of the goods, in no case was it the country of export, the country of purchase or the country of provenance.

It is also possible that a typographical error was made when the code for the country of origin was entered in field 66 of the import declarations and that the country of origin is in fact the Republic of Korea (190) rather than the Democratic People's Republic of Korea (187). The information found will be forwarded for appropriate action during the post-clearance inspection.

2. Whether the cargoes from the Democratic People's Republic of Korea to Colombia containing the relevant items were inspected pursuant to paragraph 18 of resolution 2270 (2016), and if so, the reason why they were not seized and disposed of pursuant to paragraph 20 of resolution 2397 (2017)

The entry of goods into the country is subject to three stages of customs inspection: (i) pre-clearance; (ii) in-clearance; and (iii) post-clearance.

Pre-clearance inspections are conducted when goods (cargo) arrive at airports, ports or border crossings, at which point international shippers inform the Directorate of National Taxes and Customs, through the electronic information services, of the data related to the shipping documents, including the country of shipment, since they do not know the country of origin or brokerage of the goods. Although the Directorate's system contains the information provided by the shippers, the Directorate cannot detect whether goods originate from the Democratic People's Republic of Korea.

In-clearance inspections are carried out when users submit import declarations and request the release of goods through the Directorate's computer systems after completion of pre-clearance inspections.

In that regard, in line with the World Trade Organization Agreement on Trade Facilitation, the Directorate has a system of risk selectivity and profiling in which declarations can be selected for physical inspection, documentary inspection or automatic release. In the case of automatic release, no inspection is made.

Under the same facilitation rules, there are importers that, having fulfilled a series of requirements, are recognized by the Directorate and other monitoring bodies as authorized economic operators, whose foreign trade transactions pose no risk. Those importers enjoy benefits, such as the automatic release of goods, though they can still be subject to inspections.

Lastly, post-clearance inspections are carried out pursuant to the customs authority's powers of oversight over goods that have been released and can therefore be seized or subject to penalties in accordance with the customs rules in force.

As stated above, the Security Council resolutions contain only the Harmonized System chapter or a general reference to the goods, and it cannot be inferred from the descriptions set out in the import declarations that the goods will be used in nuclear weapons or missiles, or in chemical or biological weapons. In view of the foregoing, the goods were not seized or disposed of.

In addition, under Colombian law, a procedure consistent with due process needs to be initiated in order to determine the legal status of the goods.

3. Any other relevant information and/or action taken by the Colombian authorities with respect to exports from the Democratic People's Republic of Korea to Colombia (imports)

In the above-mentioned transactions, the United States and Panama are the countries of export, purchase and provenance. Although the goods were manufactured in the Democratic People's Republic of Korea, therefore, the transactions were not carried out with that country

With regard to the action taken, one of the principles underlying Decree No. 1165 of 2019, regulating the customs regime of Colombia, is precisely the security and facilitation of the logistical chain for foreign trade operations. In other words, inspections shall be conducted pursuant to a risk-management system that will prevent smuggling and asset laundering, strengthen border security, mitigate environmental risk and prevent the proliferation of weapons of mass destruction.

In that regard, the Security Council resolutions are disseminated to the Directorate's local offices to ensure that they are observed and complied with, without prejudice to international instruments that must be applied to facilitate foreign trade operations, such as the World Trade Organization Agreement on Trade Facilitation.

The Directorate has also sent its local offices communications containing guidelines on cargo inspections and has issued requests for selective customs checks.

Lastly, the Directorate is currently upgrading its technology. This includes strengthening the risk management system, which will no doubt result in more effective inspections.

Imports to the Democratic People's Republic of Korea from Colombia (exports)

Table 3. Iron and steel (HS 72)

Date	Approximate value (United States dollars)
December 2022	1,590,000

1. Confirmation as to whether the data are accurate. If they are inaccurate, please submit digital copies of original documents or an explanation of the cause of the inaccuracy.

During the review of the statistical databases for exports from December 2022 (<https://www.dian.gov.co/dian/cifras/Paginas/Bases-Estadisticas-de-Comercio-Exterior-Importaciones-y-Exportaciones.aspx>), an export from Colombia was found, consisting of goods under tariff heading 7202600000 (ferronickel) with a free-on-board value of \$1,589,688.33. The field for the country of destination contains the Democratic People's Republic of Korea (code 187).

Upon verification of the registered name and address of the receiver, however, it was observed that the goods were addressed to the company Posco at 6261 Donghaean-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do, Republic of Korea. That location is confirmed by the information available at <https://www.posco.co.kr/homepage/docs/eng6/jsp/company/posco/s91a1000012c.js>²¹⁹ and <https://en.wikipedia.org/wiki/POSCO>.

An error would therefore seem to have been made when the field of the export declaration containing the country of destination was completed. The matter will also be forwarded for appropriate action during the post-clearance inspection.

2. Whether the cargoes from Colombia to the Democratic People's Republic of Korea containing the relevant items were inspected pursuant to paragraph 18 of resolution 2270 (2016), and if so, the reason why they were not seized and disposed of pursuant to paragraph 20 of resolution 2397 (2017).

This question cannot be answered because the actual destination of the export operation was a company located in the Republic of Korea.

3. Any other relevant information and/or action taken by the Colombian authorities with respect to imports to the Democratic People's Republic of Korea from Colombia (exports).

This question cannot be answered because the actual destination of the export operation was a company located in the Republic of Korea.

Customs control

1. Rejection or seizure

Regarding any cases of rejection of customs clearance or seizure of goods involving the Democratic People's Republic of Korea as a country of destination/consignment/origin, manufacture or transit, a table is attached with information provided by the Directorate on records of seizures of goods whose country of origin could be the Democratic People's Republic of Korea, from 1 January 2022 to 18 June 2023, including (in order of appearance) the following columns: country of provenance, tariff

²¹⁹ Translator's note: the hyperlink provided in the original does not work. For the Posco webpage containing information about the location, see <https://www.posco.co.kr/homepage/docs/eng7/jsp/common/posco/s91a1000010c.jsp>.

classification, description of goods seized, unit of measure, quantity of goods seized, number of seizures and value of goods seized.

2. Information that could be considered relevant to the Panel's work as mandated by the Security Council in this regard

To ensure that implementation fully complies with the Security Council resolutions, it would be useful for Colombia, in particular the Directorate, to be aware of the best international practices applied in different countries to implement Security Council resolutions related to the Democratic People's Republic of Korea and the ways in which those resolutions relate to the rules on trade facilitation, given the difficulty of detecting that goods originate in the Democratic People's Republic of Korea, for example, when goods have been purchased in a different country and are also shipped from another country (of provenance) that is neither the country of purchase nor that of origin.

Letter from the Permanent Mission of the Republic of Seychelles and Seychelles' reply



THE PERMANENT MISSION OF THE REPUBLIC OF SEYCHELLES
TO THE UNITED NATIONS
685 THIRD AVENUE, SUITE 1107, 11TH FLOOR NEW YORK, NY 10017
TEL: 212.972.1785 FAX: 212.972.1786
EMAIL: seychellesmission@sycun.org

Note No: SMUN/173/2023

New York, 22 August 2023

Dear [REDACTED]

I have the honor to write to you in your capacity as Acting Coordinator of the Panel of Experts established pursuant to Security Council Resolution 1874 (2009) and make reference to your letter dated 15 June 2023, Reference No.: S/AC.49/2023/PE/OC.119, regarding the implementation of the measures imposed on the Democratic People's Republic of Korea (DPRK) by Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013), 2270 (2016), 2321 (2016), 2356 (2017), 2371 (2017), 2375 (2017) and 2397 (2017), in particular incidents of non-compliance.

In endeavoring to assist the Panel in its investigation, I further have the honor to inform you that, after an extensive enquiry into the matter by the Seychelles Revenue Commission, it was found that the data published was, in fact, inaccurate. During the period in question between October 2022 and March 2023, there were three (3) imports originating from the **Republic of Korea (ROK)**:

a. BOE C27979 dated 23/11/2022 - Airport Cargo (SCAC)

Exporter:

D-I Industrial CO. Ltd

13, Namgang-R0 1367BEON-GIL, JINJU-SI, Gyeongnam-Do, Korea, 52781

Tel: +82 55 760 5520

Fax: +82 55 755 5529

The country code of the ROK is (+82). The product is made in ROK.

Port of loading: Incheon Airport, Republic of Korea

b. BOE C21539 dated 13/12/2022 - Seaport (SCPO)**Exporter:**

SAMSUNG Electronic Co. Ltd

129, Samsung-RO, Yeongtong-Gu, Suwon 16677 Gyeonggi-Do, Republic of Korea

c. BOE 1674 dated 25/01/2023 - Seaport (SCPO)**Seller:**

Dong Ah Fishing Industries Co., Ltd.

1100-9 Janglim-Dong, SAHA-GU,

Busan, Republic of Korea

Country of Origin: Republic of Korea (ROK) - South Korea

Country of Export: Busan, Korea

In all three cases, the Bills of Entry (BOE) presented for the clearance of those goods identified the country of export and the country of origin in boxes 15 and 16 respectively, as being the Democratic People's Republic of Korea. These were erroneous entries on the part of the declarants, as can be seen from the attached copies of the original documents.

The Seychelles Revenue Commission (SRC) could not find an entry within its system dated October 2022 under HS Code 72 that is highlighted in your letter.

In concluding, I wish to convey that the review conducted by the SRC found that there is a gap in Seychelles' national legislative framework to domesticate UNSC sanction measures and that the country is embarking on a wider consultative process to address this gap.

The Seychelles Permanent Mission to the United Nations, remains at your disposal for any further clarification on this matter.

Please accept the assurances of my highest consideration.



H.E. Mr. Ian Madeleine
Ambassador
Permanent Representative

Acting Coordinator of the Panel of Experts

established pursuant to Security Council resolution 1874 (2009)

United Nations

New York

Annex 36: Comparison Table on DPRK Trade Statistics and replies provided by Member States

** Note: DPRK Trade Statistics and Member State's reply cover the six-month period of April 2023-September 2023/ Highlighted are restricted commodities.

As of 1 January 2024 / *Unit: Thousand US\$

No.	Member State (MS)	Trade Volume w/ DPRK		Restricted HS Code Trade w/ DPRK		MS Reply
		Export to	Import from	Export to	Import from	
1	Armenia	0	117		29 (HS Code 12) 1 (HS Code 61) 6 (HS Code 84) 8 (HS Code 85)	Customs declarations system does not contain any information related to such import from DPRK.
2	Aruba (territory of the Netherlands)	0	7,965		258 (HS Code 84) 5 (HS Code 85)	
3	Austria	0	734			(Not Restricted)
4	Barbados	0	752		390 (HS Code 72) 4 (HS Code 73) 301 (HS Code 84) 55 (HS Code 85)	
5	Belgium, Kingdom of	34	9		7 (HS Code 84)	
6	Belize	0	30		30 (HS Code 84)	
7	Brazil, Federative Republic of	0	5		4 (HS Code 58)	
8	Canada	4	0	1 (HS Code 85)		Confirmed errors due to miscoded country variables in the customs data.
9	China, People's Republic of	992,366	142,764	16 (HS Code 72) 50 (HS Code 73) 48 (HS Code 82) 1 (HS Code 83) 812 (HS Code 84) 295 (HS Code 85) 3 (HS Code 87)	14265 (HS Code 72) 114 (HS Code 73) 3585 (HS Code 50) 4 (HS Code 58)	Goods are items not prohibited by the relevant UNSC resolutions or for the use of international organizations in their project offices in the DPRK which did not violate UNSC resolutions.
10	Colombia	0	180		14 (HS Code 56) 3 (HS Code 61) 1 (HS Code 73) 136 (HS Code 84) 8 (HS Code 85)	Errors with country code as none of the cases were DPRK. Some items could not be subject to UNSC resolutions.

No.	Member State (MS)	Trade Volume w/ DPRK		Restricted HS Code Trade w/ DPRK		MS Reply
		Export to	Import from	Export to	Import from	
11	Costa Rica	0	206		179 (HS Code 84)	
12	Cyprus	3	0			(Not Restricted)
13	Denmark, Kingdom of	112	0			(Not Restricted)
14	Ecuador	2	0			(Not Restricted)
15	Gambia	0	11			(Not Restricted)
16	Greece	181	17			(Not Restricted)
17	Guyana	0	38		1 (HS Code 84) 36 (HS Code 85)	
18	Hungary	1	0	1 (HS Code 84)		
19	India	73	314	9 (HS Code 85) 2 (HS Code 87)	7 (HS Code 56) 191 (HS Code 72) 21 (HS Code 73) 58 (HS Code 74) 8 (HS Code 84) 16 (HS Code 85)	
20	Indonesia, Republic of	138	90	138 (HS Code 84)	7 (HS Code 62) 6 (HS Code 74) 6 (HS Code 84)	
21	Italy	0	30			(Not Restricted)
22	Madagascar, Republic of	0	21			(Not Restricted)
23	Mongolia	128	247			(Not Restricted)
24	Netherlands, Kingdom of the	159	35		1 (HS Code 73) 1 (HS Code 85)	
25	Poland, Republic of	198	4			(Not Restricted)
26	Romania	0	3			(Not Restricted)
27	Slovenia	0	2			(Not Restricted)
28	South Africa, Republic of	4	10		1 (HS Code 63)	
29	Spain, Kingdom of	0	24		1 (HS Code 84) 22 (HS Code 85)	
30	Thailand, Kingdom of	0	20		19 (HS Code 85)	
31	Ukraine	0	8		3 (HS Code 54)	Country of origin was mistakenly indicated as DPRK instead of ROK

Source: ITC Trade Map, accessed on 1 January 2024, annotated by the Panel.

Annex 37: Imported Trucks and Agricultural equipment in DPRK

The Panel investigated the open source information²²⁰ about possible violation of restrictions imposed by Security Council resolutions relating to transfer to DPRK of all industrial machinery (HS codes 84 and 85) and transportation vehicles (HS codes 86 through 89, which appeared on a number of images taken in DPRK in 2023.

In April 2023 DPRK authorities presented vehicles, to “districts administering major streets of Pyongyang” (Figure 1). NK News identified them as Chinese-made vehicles: QY16K crane truck Duolika D6 large white and green street sweeper, MN-F2000 small single-seat street sweeper vehicles, Dragon 5 brown flatbed industrial trucks with mounted cranes.

Figure 1



Source: Rodong Shinmun.

On another occasion, authorities had presented the Ryonpho Greenhouse Farm²²¹ with vehicles and equipment, which, according to the same NK News analysts, included: Chinese-made industrial truck, flatbed trucks, container, walking tractors (figure. 2).

²²⁰ <http://rodong.rep.kp/en/index.php?MTJAMjAyMy0wNC0xNS1IMDA3QDE1QDFAQDBANQ==>

²²¹ <http://kcna.kp/en/article/q/f8cf900be172eb0560855b50433301e3.kcmsf>

Figure. 2



Source: NK News.



Source: NK News, comparing images from KCTV (April 6, 2023) (right) and a Jiulin manufactured tractor (left)²²²

²²² See <https://www.nknews.org/pro/north-koreas-display-of-new-chinese-trucks-points-to-production-issues-at-home/>; and 2023 <http://kcna.kp/en/article/q/f8cf900be172eb0560855b50433301e3.kcmsf>

China's reply to the Panel's enquiry (OC. 231, see Annex 40 for a compiled reply)

To the Panel's request concerning this case China replied: "By November 2017, the UN Security Council had not yet listed vehicles as prohibited goods for export to the DPRK. Records were found on exports of passenger cars and trucks to the DPRK during this period, and these were normal exports. Since the adoption of the UN Security Council Resolution 2397, all vehicles exported from China to the DPRK have been for the use of international organizations in their project offices in the DPRK, and they do not involve any violations of UN Security Council resolutions".

Annex 38: List of HS Codes the Panel applies to monitor the sectoral ban

Below is the list of HS codes assigned for each category of goods under sectoral ban by relevant UN Security Council resolutions. This list supersedes S/2018/171, annex 4, as amended by S/2018/171/Corr.1. This list does not include items banned by previous resolutions such as arms embargo, dual-use items and luxury goods. See <https://www.un.org/securitycouncil/sanctions/1718/prohibited-items> for the complete list of prohibited goods.

a. Items prohibited from being exported to the DPRK

Item	HS Codes	Description	Resolutions
Condensates and natural gas liquids	2709	Oils; petroleum oils and oils obtained from bituminous minerals	Para. 13 of 2375 (2017)
	2711	Petroleum gases and other gaseous hydrocarbons	
Industrial machinery	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	Para. 7 of 2397 (2017)
	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	
Transportation vehicles²²³	86	Railway, tramway locomotives, rolling-stock and parts thereof; railway or tramway track fixtures and fittings and parts thereof; mechanical (including electro-mechanical) traffic signaling equipment of all kinds	Para. 7 of 2397 (2017)
	87	Vehicles; other than railway or tramway rolling stock, and parts and accessories thereof	
	88	Aircraft, spacecraft and parts thereof ²²⁴	
	89	Ships, boats and floating structures	
Iron, steel and other metals	72-83		Para. 7 of 2397 (2017)
	72	Iron and steel	
	73	Articles of iron or steel	
	74	Copper and articles thereof	
	75	Nickel and articles thereof	
	76	Aluminum and articles thereof	

²²³ Pursuant to paragraph 30 of resolution 2321 (2016) and paragraph 14 of resolution 2397 (2017), States shall prevent the direct or indirect supply, sale or transfer to the DPRK, through their territories or by their nationals, or using their flag vessels or aircraft, and whether or not originating in their territories, of new helicopters, new and used vessels, except as approved in advance by the Committee on a case-by-case basis.

²²⁴ Shall not apply with respect to the provision of spare parts needed to maintain the safe operation of DPRK commercial civilian passenger aircraft (currently consisting of the following aircraft models and types: An-24R/RV, An-148-100B, Il-18D, Il-62M, Tu-134B-3, Tu-154B, Tu-204-100B, and Tu-204-300).

	78	Lead and articles thereof
	79	Zinc and articles thereof
	80	Tin and articles thereof
	81	Other base metals; cermets; articles thereof
	82	Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal
	83	Miscellaneous articles of base metal

b. Items prohibited from being imported from the DPRK

Item	HS Codes	Description	Resolutions
Coal	2701	Coal; briquettes, ovoids and similar solid fuels manufactured from coal	Para. 8 of 2371 (2017)
Iron Ore	2601	Iron ores and concentrates, including roasted iron pyrites	
Iron	72	Iron and steel (7201-7229)	
Iron and Steel products	73	Articles of Iron and steel (7301-7326)	
Gold	261690	Gold ores and concentrates	Para. 30 of 2270 (2016)
	7108	Gold (incl. put plated), unwrought, semi-manufactured forms or powder	
	710811	Gold powder, unwrought	
	710812	Gold in other unwrought forms	
	710813	Gold in other semi-manufactured forms	
	710820	Monetary gold	
Titanium	2614	Titanium ores and concentrates	
Vanadium	2615	Vanadium ores and concentrates	
Rare Earth Minerals	2612	Uranium or thorium ores and concentrates [261210 and 261220]	
	2617	Ores and concentrates, [Nesoi code 261790 - Other Ores and Concentrates]	
	2805	Alkali metals etc., rare-earth metals etc., mercury	
	2844	Radioactive chemical elements and isotopes etc.	
Copper	74	Copper and articles thereof (7401-7419)	Para. 28 of 2321 (2016)
	2603	Copper ores and concentrates	
Zinc	79	Zinc and articles thereof (7901-7907)	
	2608	Zinc ores and concentrates	
Nickel	75	Nickel and articles thereof (7501-7508)	

	2604	Nickel ores and concentrates	
Silver	2616100	Silver ores and concentrates	
	7106, 7107	Silver unwrought or semi manufactured forms, or in powdered forms; base metals clad with silver, not further worked than semi-manufactured	
	7114	Articles of goldsmiths or silversmiths' wares or parts thereof, of silver, whether or not plated or clad with other precious metal	
Seafood (including fish, crustaceans, mollusks, and other aquatic invertebrates in all forms)	3	Fish and crustaceans, mollusks and other aquatic invertebrates (0301-0308)	Para. 9 of 2371 (2017)
	1603	Extracts and juices of meat, fish or crustaceans, mollusks or other aquatic invertebrates)	
	1604	Prepared or preserved fish; caviar and caviar substitutes prepared from fish eggs	
	1605	Crustaceans, mollusks and other aquatic invertebrates, prepared or preserved	
Lead	78	Lead and articles thereof (7801-7806)	Para. 10 of 2371 (2017)
Lead ore	2607	Lead ores and concentrates	
Textiles (including but not limited to fabrics and partially or fully completed apparel products)	50-63		Para. 16 of 2375 (2017)
	50	Silk, including yarns and woven fabrics thereof	
	51	Wool, fine or coarse animal hair, including yarns and woven fabrics thereof; horsehair yarn and woven fabric	
	52	Cotton, including yarns and woven fabrics thereof	
	53	Vegetable textile fibres nesoi; yarns and woven fabrics of vegetable textile fibres nesoi and paper	
	54	Manmade filaments, including yarns and woven fabrics thereof	
	55	Manmade staple fibres, including yarns and woven fabrics thereof	
	56	Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof	
	57	Carpets and other textile floor covering	

	58	Fabrics; special woven fabrics, tufted textile fabrics, lace, tapestries, trimmings, embroidery	
	59	Textile fabrics; impregnated, coated, covered or laminated; textile articles of a kind suitable for industrial use;	
	60	Knitted or crocheted fabrics	
	61	Apparel and clothing accessories; knitted or crocheted;	
	62	Apparel and clothing accessories; <i>not</i> knitted or crocheted;	
	63	Textiles, made up articles; sets; worn clothing and worn textile articles; rags	
Agricultural products	07	Vegetables and certain roots and tubers; edible	Para. 6 of resolution 2397 (2017)
	08	Fruit and nuts, edible; peel of citrus fruit or melons	
	12	Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit, industrial or medicinal plants; straw and fodder	
Machinery	84	Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	Para. 6 of resolution 2397 (2017)
Electrical equipment	85	Electrical machinery and equipment and parts thereof; sound recorders and reproducers; television image and sound recorders and reproducers, parts and accessories of such articles	
Earth and stone including magnesite and magnesia	25	Salt; sulphur; earths, stone; plastering materials, lime and cement	
Wood	44	Wood and articles of wood; wood charcoal	
Vessels	89	Ships, boats and floating structures	

c. For paragraphs 4 and 5 of resolution 2397 (2017), the Panel uses the following HS codes. The Panel notes that annual caps are placed for the two items below.

- HS 2709: crude oil [cap: 4 million barrels or 525,000 tons]
- HS 2710, HS 2712 and HS 2713: refined petroleum products [cap: 500,000 barrels]

Source: The Panel.

Annex 39: Replies from Member States to the Panel's enquiries

Letter from the Permanent Mission of Armenia and Armenia's reply



PERMANENT MISSION OF THE REPUBLIC OF
ARMENIA TO THE UNITED NATIONS
119 East 36th Street, New York, New York 10016
Tel: 212-686-9079 Email: armenia@missionun.org

UN/3101/002/2024

The Permanent Mission of the Republic of Armenia to the United Nations presents its compliments to the Panel of Experts established pursuant to Security Council Resolution 1874 (2009), and, with reference to the letter S/AC.49/2023/PE/OC.472 dated 8 December 2023, has the honour to inform that, according to the response provided by the State Revenue Committee of the Republic of Armenia, customs declarations in Armenia are submitted to the Customs authorities of the Republic of Armenia in an electronic form. The customs declarations are subsequently registered in the system "National Single Window for Foreign Trade of the Republic of Armenia". The system does not contain any information related to the import from DPRK of items under HS Code 12, HS Code 61, HS Code 84 and HS Code 85 for the period between April 2023 and September 2023.

In case that additional data is provided regarding the transfer of above mentioned items to the Republic of Armenia, the State Revenue Committee of Armenia will conduct further investigation. The Permanent Mission of Armenia stands ready to provide any additional clarification, as needed.

The Permanent Mission of the Republic of Armenia to the United Nations avails itself of this opportunity to renew to the Panel of Experts established pursuant to Security Council Resolution 1874 (2009) the assurances of its highest consideration.

New York, 5 January 2024



The Panel of Experts established
pursuant to Security Council Resolution 1874 (2009)
New York

Letter from the Permanent Mission of Canada and Canada's reply

Permanent Mission of Canada
to the United Nations



Mission permanente du Canada
auprès de l'Organisation des Nations Unies

January 17, 2024

[REDACTED]
Acting Coordinator of the Panel of Experts
established pursuant to Security Council Resolution 1874 (2009)
United Nations Headquarters
New York, NY 10017

Dear [REDACTED]

Thank you for your letter of December 8, 2023, reference S/AC.49/2023/PE/OC.478, with regard to ongoing efforts of the Panel of Experts established pursuant to Security Council Resolution 1874 (2009) to gather, examine and analyse information regarding the implementation of the measures imposed on the Democratic People's Republic of Korea (DPRK) by the referenced Security Council resolutions, in particular incidents of non-compliance.

The Panel has written specifically "with regard to the DPRK's trade with Canada in items that are covered by the relevant sectoral sanctions provisions in resolutions 2270 (2016), 2321 (2016), 2371 (2017), 2375 (2017) and 2397 (2017)", based on the Panel's analysis of available trade data. Your letter also noted that the Panel seeks Canada's assistance in providing supplementary information concerning specific trade data reported by Canada that lists the DPRK as the partner country.

The Government of Canada has determined that the instances in which the DPRK is reported as the partner country are either confirmed errors or highly likely to be errors. The errors are most likely cases of miscoded country variables in the customs data.

Please note that we will be making changes within our national systems to replace miscoded references to the DPRK with the correct partner country in all these transactions. Moving forward, we will work to modify our processes to detect potential reporting errors, to reduce occurrences of trade being incorrectly attributed to the DPRK in published data.

With respect to the Panel's request for information regarding any cases of rejection of customs clearance or seizure of goods involving the DPRK as a country of destination / consignment / origin / manufacture or transit, the Government of Canada affirms that there have been no import seizures of goods from the DPRK as the country of purchase / origin.

Canada

Please be assured that the Government of Canada takes our obligations as a UN Member State with the utmost seriousness. To that end, Canada continues to stand ready to support the important work of the Panel. Please do not hesitate to contact us if you require any further clarifications.

Sincerely yours,




d'Affaires a.i.

Ambassador and Deputy Permanent
Representative

China's reply (see also annex 40, OC.359)

From April to September 2023, China did not import iron alloys, iron and steel products, textiles, or other goods from the DPRK prohibited by relevant UN resolutions. The goods imported from the DPRK under HS code 50 were mulberry silk and waste silk. Mulberry silk and waste silk are raw materials and do not fall under the category of textiles prohibited from export by the UN resolutions, as China has repeatedly stated to the Panel. During this period, all metal products, industrial machinery, electronic equipment, and vehicles exported from China to the DPRK were purely for the use of international organizations in their project offices in the DPRK, and did not involve any violations of UN sanctions resolutions. We urge the Panel to demonstrate its professionalism, accurately determine the scope of the resolutions and not to include any information unrelated to the resolutions in its final report.

Letter from the Permanent Mission of Colombia and Colombia's reply



Permanent Mission of Colombia to the United Nations

S-DUSONU-24-000004

New York, January 3rd, 2024

Ms. Acting Coordinator,

I have the honour to write to you regarding your note S/AC.49/2023/PE/OC.479 dated December 8, 2023, in which you request information with regard to the Democratic People's Republic of Korea's (DPRK) trade with Colombia in items that are covered by the relevant sectoral sanctions according to resolutions 2270 (2016), 2321 (2016), 2371 (2017), 2375 (2017) and 2397 (2017).

In that regard, please find attached the official response by the Ministry of Foreign Affairs of Colombia - Direction for Multilateral Political Affairs – to your request (1 PDF file); a copy of all the relevant import declarations (16 PDF files); and the report on the seizure of goods from the DPRK (1 excel file).

Please accept, Ms. Acting Coordinator, the assurance of my highest and most distinguished consideration.

LEONOR ZALABATA TORRES
Ambassador, Permanent Representative

To

Ms. [REDACTED]

Acting Coordinator of the Panel of Experts established pursuant to Security Council Resolution 1874 (2009)
New York

140 EAST 57TH STREET · NEW YORK, N.Y. 10022 · TEL.: (212) 355-7776 · FAX: (212) 371-2813



DIRECCIÓN DE ASUNTOS POLÍTICOS MULTILATERALES
Viceministerio de Asuntos Multilaterales

Respuesta requerimiento del Panel de Expertos establecido en virtud de la Resolución 1874 (2009) del Consejo de Seguridad de las Naciones Unidas

Enero 2 de 2024

Requerimiento realizado a Colombia mediante comunicación S/AC.49/2023/PE/OC.479 del 8 de diciembre de 2023.

La siguiente respuesta se remite, en virtud a la información suministrada por la Dirección de Impuestos y Aduanas Nacionales (DIAN).

EXPORTACIONES DE LA REPÚBLICA POPULAR DEMOCRÁTICA DE COREA (RPDC) A COLOMBIA (IMPORTACIONES)

1. Confirmar si los datos enumerados son exactos. De ser inexactos, presentar copias digitales de los documentos originales o una explicación sobre la causa de la inexactitud:

Tabla 1. Textiles (Código SA 56)

Fecha	Valor aproximado (USD)
Mayo 2023	14.000

Respecto a las operaciones mencionadas en la tabla 1, se informa que revisado el sistema informático aduanero se encontró lo siguiente:

- a. Mayo de 2023: Declaraciones de importación números 482023000257885-1 y 482023000274837-8 con valor en aduana de USD 7.161,27 y USD 7.158,79 respectivamente, se debe tener en cuenta que si bien en estas declaraciones de importación Corea del Norte aparece como país de origen de la mercancía (rollo revelador DR44K), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Estados Unidos. En los dos casos, el exportador o proveedor en el exterior está ubicado en Estados Unidos.

Las declaraciones de importación antes mencionadas tienen un valor en aduana total de USD 14.320,06.

Tabla 2. Textiles (Código SA 61)

Fecha	Valor aproximado (USD)
Mayo 2023	3.000

Respecto a las operaciones mencionadas en la tabla 2, se informa que revisado el sistema informático aduanero se encontró lo siguiente:

- a. Mayo de 2023: Declaraciones de importación números 902023000080813-2 y 902023000080814-1 con valor en aduana de USD 1.872,29 y USD 678,43

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respectivamente, en las cuales, si bien aparece Corea del Norte como país de origen de la mercancía (Medias marca polo Ralph Lauren), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Panamá. En ambos casos el exportador o proveedor en el exterior está ubicado en Panamá.

Las declaraciones de importación antes mencionadas tienen un valor en aduana total de USD 2.550,72.

Tabla 3. Productos de Hierro y Acero (Código SA 73)

Fecha	Valor aproximado (USD)
Mayo 2023	1.000

Respecto a las operaciones mencionadas en la tabla 3, se informa que revisado el sistema informático aduanero se encontró lo siguiente:

- a. Mayo de 2023: Declaración de importación número 192023000031757-7 con valor en aduana de USD 538,88, en la cual, si bien aparece Corea del Norte como país de origen de la mercancía (Cap screw – Tornillo marca Komatsu), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Estados Unidos. El exportador o proveedor en el exterior está ubicado en Estados Unidos. El importador tiene calidad Operador Económico Autorizado – OEA.

Tabla 4. Maquinaria (Código SA 84)

Fecha	Valor aproximado (USD)
Abril de 2023	10.000
Mayo de 2023	16.000
Junio de 2023	110.000

Respecto a las operaciones mencionadas en la tabla 4, se informa que revisado el sistema informático aduanero se encontró lo siguiente:

- a. Abril de 2023: Declaración de importación número 902023000051992-9 con valor en aduana de USD 4.559,27. Cabe anotar que si bien en la casilla del País exportador aparece Corea del Norte, tras verificar la razón social y domicilio del exportador, se identificó que la mercancía (Botonera de control para polipasto de 2 pulsadores, marca Swiko) proviene de la empresa "Gtol Corporation" con dirección "W503, SK-VI Center, 11, Dangsang-Ro 41-Gil, Yeongdeungpo, Seoul, Korea, 150-806" ubicada en Corea del Sur, según información disponible en http://gtoic.com/home_02.asp. Conforme a ello, presumiblemente se trata de un error en el diligenciamiento de la declaración de importación en la casilla (No. 48) del código País Exportador en la declaración de importación, es decir que en realidad el país exportador es Corea del Sur (190) y no Corea del Norte (187), por lo cual la información encontrada será remitida para las acciones que correspondan en el control posterior.



Adicional, se encontró la declaración de importación número *032023000569470-9* con valor en aduana de USD 4.991,43 en la cual, si bien aparece Corea del Norte como país de origen de la mercancía (TrialSlate Bluebird ST102 W4LAL, marca Bluebird – 6 Unds), se observa que tanto el país de compra y el país de procedencia corresponde a Reino Unido. El exportador o proveedor en el exterior está ubicado en Reino Unido. El importador tiene calidad Operador Económico Autorizado – OEA.

Las declaraciones de importación mencionadas anteriormente tienen un valor en aduana total de USD 9550,70.

- b. Mayo de 2023: Declaraciones de importación números *872023000056017-3* y *482023000281797-0* con valor en aduana de USD 952,36 y USD 14.937,98 respectivamente, en las cuales, si bien aparece Corea del Norte como país de origen de la mercancía (Disco duro SSD, Liner de motor), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Estados Unidos. En ambos casos el exportador o proveedor en el exterior está ubicado en Estados Unidos.

Las declaraciones de importación antes mencionadas tienen un valor en aduana total de USD 15.890,34.

- c. Junio de 2023: Declaración de importación número *482023000322528-3* con valor en aduana de USD \$70.182,93 en la cual, si bien aparece Corea del Norte como país de origen de la mercancía (mercancía nueva de uso exclusivo en la industria petrolera), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Estados Unidos. El exportador o proveedor en el exterior está ubicado en Estados Unidos. El importador tiene calidad Operador Económico Autorizado-OEA.

Así mismo se encontró la declaración de importación número *482023000343695* con valor en aduana de USD 26.789,42 en la cual, si bien aparece Corea del Norte como país de origen de la mercancía (excavadora), se observa que tanto el país exportador, como el país de compra es China. El exportador o proveedor en el exterior está ubicado en China.

Adicional, se encontraron las declaraciones de importación números *032023000844845-6*, *032023000836628-0* y *032023000836528-2* con valor en aduana de USD 9.309,83, USD 2.262,03 y USD 1.560,97 respectivamente, se debe tener en cuenta que si bien en estas declaraciones de importación Corea del Norte aparece como país de origen de la mercancía (bomba de aceite, bomba de combustible, tubo de plástico del motor – camión), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Brasil. El exportador o proveedor en el exterior está ubicado en Brasil. El importador tiene calidad Operador Económico Autorizado-OEA.

Las declaraciones de importación mencionadas anteriormente tienen un valor en aduana total de USD 110.105,18.



Tabla 5. Equipo eléctrico (Código SA 84)

Fecha	Valor aproximado (USD)
Abril de 2023	8.000

Respecto a las operaciones mencionadas en la tabla 5, se informa que revisado el sistema informático aduanero se encontró lo siguiente:

- a. Abril de 2023: Declaración de importación número 902023000051993-6 con valor en aduana de USD 2.128,64. Se resalta que, si bien en la casilla del País Exportador aparece Corea del Norte, tras verificar la razón social y domicilio del exportador, se identifica que la mercancía (Control remoto a distancia, marca KG Auto) proviene de la empresa “Gtol Corporation” con dirección “W503, SK-VI Center, 11, Dangsang-Ro 41-Gil, Yeongdeungpo, Seoul, Korea, 150-806” ubicada en Corea del Sur, según información disponible en http://gtoic.com/home_02.asp. Conforme a ello, al parecer se trata de un error en el diligenciamiento de la declaración de importación en la casilla (No. 48) del código País Exportador en la declaración de importación, es decir que en realidad el país exportador es Corea del Sur (190) y no Corea del Norte (187), por lo cual la información encontrada se remitirá para las acciones que correspondan en el control posterior.

Así mismo, se encontró la declaración de importación número 032023000569444-7 con valor en aduana de USD 6.321,60 en las cual, si bien aparece Corea del Norte como país de origen de la mercancía (Ediary Samsung A217M US. Android 10, Dual Sim), se observa que tanto el país exportador, como el país de compra y el país de procedencia corresponde a Reino Unido. En ambos casos el exportador o proveedor en el exterior está ubicado en Reino Unido. El importador tiene calidad Operador Económico Autorizado-OEA. Las declaraciones de importación anteriormente mencionadas tienen un valor en aduana total de USD 8.450,24.

Así las cosas y aunque se encontraron operaciones que corresponden con los valores aproximados señalados por el International Trade Centre (ICT) Trade Map en las tablas 1, 2, 3, 4 y 5, es importante anotar que las Resoluciones del Consejo de Seguridad de Naciones Unidas solo indican el capítulo del Sistema Armonizado o hacen una mención general de la mercancía, y de la descripción que aparece en las declaraciones de importación no se podría inferir que las mismas serán utilizadas en el desarrollo de armamento nuclear o misiles.

Los capítulos 56, 61, 73, 84 y 85 del SA comprenden una amplia gama de artículos/productos, en consecuencia, no todos los bienes de dichos capítulos podrían estar incluidos dentro de las prohibiciones de las Resoluciones del Consejo de Seguridad de Naciones Unidas.

De otra parte, es de resaltar que, aunque las mercancías tenían como país de origen a la RPDC, en ninguno de los casos correspondió al país exportador, de compra o de procedencia. Igualmente, existe la posibilidad de que se hayan cometido errores en la digitación de la casilla No. 48 de la Declaración de Importación en relación con el código de origen, es decir que algunas importaciones realizadas desde la República de Corea hayan sido erróneamente registradas como provenientes de la RPDC.

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2. Si los cargamentos de la RPDC a Colombia que contenían los artículos pertinentes fueron inspeccionados de conformidad con el párrafo 18 de la resolución 2270 (2016), y de ser así, el motivo por el cual no fueron incautados y dispuestos de conformidad con el párrafo 20 de la resolución 2397 (2017).

Al respecto, es importante anotar que el ingreso al país de estas, al igual que de todas las mercancías, está condicionado por tres etapas de control aduanero, a saber: previo, simultáneo y posterior.

El control previo se surte en el momento en que la mercancía (carga) llega a los aeropuertos, puertos o cruces de frontera, etapa en la cual los transportadores internacionales informan a la DIAN (a través de los Sistemas Informáticos Electrónicos) los datos relacionados en los documentos de transporte, entre ellos, el país de embarque, pues no conocen el país de origen o de negociación de la mercancía. Ahora bien, el sistema de la DIAN contiene la información entregada por los transportadores, pero la Entidad no puede detectar si una mercancía tiene como origen la RPDC.

El control simultáneo tiene lugar cuando surtida la etapa del control previo, los usuarios presentan las declaraciones de importación y solicitan el levante de las mercancías a través de los sistemas informáticos de la DIAN; sobre esto, es de tener en cuenta que acatando el Convenio de Facilitación al Comercio (AFC) de la Organización Mundial de Comercio (OMC), la Entidad cuenta con un sistema de selectividad y perfilamiento de riesgo, y en tal sentido las declaraciones pueden ser seleccionadas para inspección física, inspección documental u obtener levante automático, en este último caso no se hace inspección alguna.

También, en virtud de las mismas normas de facilitación, hay importadores que después de haber cumplido una serie de requisitos son reconocidos por la DIAN y otras Entidades de control como Operadores Económicos Autorizados (OEA), cuyas operaciones de comercio exterior no representan riesgo, por lo que tienen beneficios, entre ellos, la obtención del levante automático de las mercancías, sin que ello impida que puedan ser sometidas a acciones de control. Ahora, el control posterior corresponde a las facultades de fiscalización que ejerce la autoridad aduanera sobre mercancías que han obtenido levante, en virtud del cual es posible incautarlas o aplicar sanciones conforme a la normatividad aduanera vigente.

Igualmente, como se ha indicado las Resoluciones del Consejo de Seguridad de Naciones Unidas solo refieren el capítulo del Sistema Armonizado o hacen una mención general de la mercancía, y de la descripción que aparece en las declaraciones de importación no se podría inferir que las mercancías serán utilizadas en el desarrollo de armamento nuclear o misiles, así como tampoco en armamento químico o biológico.

De acuerdo con lo anterior, las mercancías no fueron incautadas/eliminadas. Adicionalmente, conforme a la legislación interna se debe adelantar un proceso de definición de situación jurídica de las mercancías que respete el debido proceso, cuestión que no fue requerido para el caso de las mercancías que son objeto de consulta.

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3. Cualquier otra información relevante y/o acción tomada por las autoridades colombianas con respecto a las exportaciones de la RPDC a Colombia (importaciones).

Es preciso destacar que las operaciones de comercio exterior que fueron objeto de revisión tienen a Estados Unidos, Panamá, Reino Unido, China y Brasil, como países de exportación, de compra o de procedencia, y en tal sentido se entiende que, aunque la mercancía haya sido fabricada en la RPDC la transacción comercial no se adelantó con este último país. Sin embargo, Colombia aplica una serie de medidas para mantener su sistema de regulación alineado con los propósitos de desarme y no proliferación de armas de destrucción masiva.

Con respecto a las medidas adoptadas, como se ha mencionado en otras ocasiones, vale decir que uno de los principios en que se fundamenta el Decreto 1165 de 2019, por el cual se dictan disposiciones relativas al Régimen de Aduanas es, precisamente, el de seguridad y facilitación en la cadena logística de las operaciones de comercio exterior; esto significa que el control se cumplirá bajo un sistema de gestión de riesgo que permita neutralizar el contrabando, el lavado de activos, fortalecer la seguridad en las fronteras, así como prevenir el riesgo ambiental y la proliferación de armas.

En esa línea, las Resoluciones del Consejo de Seguridad de Naciones Unidas son socializadas con las Direcciones Seccionales para su observancia, sin desconocer instrumentos internacionales que en materia de agilización de las operaciones de comercio exterior nos corresponde aplicar, tal como es el Acuerdo de Facilitación de Comercio de la Organización Mundial de Comercio.

Así mismo, Colombia, a través de su autoridad de aduanas ha expedido lineamientos a las Direcciones Seccionales de control aduanero relativos al reconocimiento de carga y se han realizado solicitudes de selectividad aduanera en los que se dan instrucciones para efectos de aplicación de controles. Finalmente, es importante mencionar que en la actualidad el país adelanta un proceso de modernización tecnológica de la DIAN que incluye el fortalecimiento del sistema de gestión de riesgos, lo que seguramente redundará en un control más efectivo.

CONTROL ADUANERO.

1. Rechazo o incautación

En relación con cualquier caso de rechazo del despacho de aduana o incautación de mercancías que involucren a la RPDC como país de destino/consignación/origen, fabricación o tránsito, se adjunta cuadro con la información suministrada por la Subdirección de Fiscalización Aduanera correspondiente a *"los registros de las aprehensiones realizadas cuyo posible país de procedencia es Corea del Norte, para el año 2023 a corte del 17 de diciembre, los reportes incluyen (en orden de aparición), las siguientes columnas: País de procedencia, Clasificación Arancelaria, Descripción de la mercancía aprehendida, Unidad de medida, Cantidad de mercancía aprehendida y valor de las aprehensiones realizadas"*

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2. Información que pudiera considerarse pertinente para el trabajo según lo dispuesto por el Consejo de Seguridad a este respecto

Con miras a una implementación que permita cumplir estrictamente con las Resoluciones del Consejo de Seguridad de Naciones Unidas, sería muy valioso contar con una compilación detallada de las medidas restrictivas al comercio exterior con la RPDC, así como una descripción completa de las mercancías involucradas, toda vez que el solo capítulo del Arancel – Sistema Armonizado (SA) – o un nombre genérico, no es suficiente para identificarlas, lo que impide saber con exactitud cuáles son los productos sobre los que recae la prohibición y por consiguiente se dificulta el control.

Así mismo, es importante conocer las mejores prácticas internacionales que se aplican en los diferentes países encaminadas al cumplimiento de lo dispuesto en las citadas resoluciones y su articulación con las normas de facilitación de comercio, dado que es muy complicado detectar que una mercancía tiene como origen la RPDC, por ejemplo, cuando ha sido comprada en un país diferente y adicionalmente es embarcada en otro (procedencia) que no corresponde ni al de compra ni al de origen.

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(Translated from Spanish)

Ministry of Foreign Affairs of Colombia

Office of the Director of Multilateral Political Affairs

Office of the Deputy Minister of Multilateral Affairs

Reply to the request of the Panel of Experts established pursuant to United Nations Security Council resolution 1874 (2009)

2 January 2024

Request sent to Colombia through communication S/AC.49/2023/PE/OC.479 of 8 December 2023.

The following reply is based on the information provided by the Directorate of National Taxes and Customs.

Exports from the Democratic People's Republic of Korea to Colombia (imports)

1. Confirmation as to whether the listed data are accurate. If they are inaccurate, please submit the digital copies of original documents that can explain the cause of inaccuracy:

Table 1. Textiles (HS code 56)

Date	Approximate value (United States dollars)
May 2023	14,000

Regarding the transactions in table 1, the customs computer system was consulted and the following information was found:

- a. May 2023: import declarations No. 482023000257885-1 and No. 482023000274837-8, with customs values of \$7,161.27 and \$7,158.79, respectively. Although in these import declarations the Democratic People's Republic of Korea appears as the country of origin of the goods (DR44K developer roll), the United States of America is the country of export, the country of purchase and the country of provenance. In both cases, the exporter or overseas supplier abroad is located in the United States.

Those import declarations have a total customs value of \$14,320.06.

Table 2. Textiles (HS code 61)

Date	Approximate value (United States dollars)
May 2023	3,000

Regarding the transactions in table 2, the customs computer system was consulted and the following information was found:

- a. May 2023: import declarations No. 902023000080813-2 and No. 902023000080814-1, with customs values of \$1,872.29 and \$678.43, respectively. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (Ralph Lauren Polo brand socks), Panama is the country of export, the country of purchase and the country of provenance. In both cases the exporter or overseas supplier is located in Panama.

Those import declarations have a total customs value of \$2,550.72.

Table 3. Iron and steel products (HS code 73)

Date	Approximate value (United States dollars)
May 2023	1,000

Regarding the transactions in table 3, the customs computer system was consulted and the following information was found:

- a. May 2023: import declaration No. 192023000031757-7, with a customs value of \$538.88. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (cap screw, Komatsu brand), the United States is the country of export, the country of purchase and the country of provenance. The exporter or overseas supplier is located in the United States. The importer is an authorized economic operator.

Table 4. Machinery (HS code 84)

Date	Approximate value (United States dollars)
April 2023	10,000

May 2023	16,000
June 2023	110,000

Regarding the transactions in table 4, the customs computer system was consulted and the following information was found:

- a. April 2023: import declaration No. 902023000051992-9, with a customs value of \$4,559.27. Although the Democratic People's Republic of Korea appears in the country of export box, after checking the exporter's company name and address it was determined that the goods (two-button hoist control, Swiko brand) came from the company Gtol Corporation, whose address is W503, SK-V1 Centre, 11, Dangsang-Ro 41-Gil, Yeongdeungpo, Seoul, Korea, 150-806, located in the Republic of Korea, according to information available at http://gtoic.com/home_02.asp. Therefore, an error was presumably made in the code of country of export (box 48) in the import declaration when it was completed; in fact, the country of export is the Republic of Korea (190) and not the Democratic People's Republic of Korea (187). The information found will be forwarded for appropriate action during the post-clearance inspection.

In addition, import declaration No. 032023000569470-9 was found, with a customs value of \$4,991.43. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (TrialSlate Bluebird ST102-W4LAL, Bluebird brand, six units), the United Kingdom is both the country of purchase and the country of provenance. The exporter or overseas supplier is located in the United Kingdom. The importer is an authorized economic operator.

Those import declarations have a total customs value of \$9,550.70.

- b. May 2023: import declarations No. 872023000056017-3 and No. 482023000281797-0, with customs values of \$952.36 and \$14,937.98, respectively. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (SSD hard disk, motor liner), the United States is the country of export, the country of purchase and the country of provenance. In both cases, the exporter or overseas supplier is located in the United States.

Those import declarations have a total customs value of \$15,890.34.

- c. June 2023: import declaration No. 482023000322528-3, with a customs value of \$70,182.93. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (new goods for exclusive use in the oil industry), the United States is the country of export, the country of purchase and the country of provenance. The exporter or overseas supplier is located in the United States. The importer is an authorized economic operator.

In addition, import declaration No. 482023000343695 was found, with a customs value of \$26,789.42. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (excavator), China is both the country of export and the country of purchase. The exporter or overseas supplier is located in China.

In addition, import declarations No. 032023000844845-6, No. 032023000836628-0 and No. 032023000836528-2 were found, with customs values of \$9,309.83, \$2,262.03 and \$1,560.97, respectively. Although in these import declarations the Democratic People's Republic of Korea appears as the country of origin of the goods (oil pump, fuel pump and plastic pipe for a truck engine), Brazil is the country of export, the country of purchase and country of provenance. The exporter or overseas supplier is located in Brazil. The importer is an authorized economic operator.

Those import declarations have a total customs value of \$110,105.18.

Table 5. Electrical equipment (HS code 84)

Date	Approximate value (United States dollars)
April 2023	8,000

Regarding the transactions in table 5, the customs computer system was consulted and the following information was found:

- a. April 2023: import declaration No. 902023000051993-6, with a customs value of \$2,128.64. Although the Democratic People's Republic of Korea appears in the country of export box, after checking the exporter's company name and address it was determined that the goods (wireless remote control, KG Auto brand) came from the company GtoI Corporation, whose address is W503, SK-V1 Centre, 11, Dangsang-Ro 41-Gil, Yeongdeungpo, Seoul, Korea, 150-806, located in the Republic of Korea, according to information available at http://gtoic.com/home_02.asp. Therefore, it seems that an error was made

in the code of country of export (box 48) in the import declaration when it was completed; in fact, the country of export is the Republic of Korea (190) and not the Democratic People's Republic of Korea (187). The information found will be forwarded for appropriate action during the post-clearance inspection.

In addition, import declaration No. 032023000569444-7 was found, with a customs value of \$6,321.60. Although the Democratic People's Republic of Korea appears as the country of origin of the goods (E-diary Samsung A217M US Android 10, Dual SIM), the United Kingdom is the country of export, the country of purchase and the country of provenance. In both cases, the exporter or overseas supplier is located in the United Kingdom. The importer is an authorized economic operator. Those import declarations have a total customs value of \$8,450.24.

Although transactions were found that correspond to the approximate values indicated by the International Trade Centre Trade Map in tables 1, 2, 3, 4 and 5, it should be noted that the United Nations Security Council resolutions give only the Harmonized System chapter or a general reference to the goods, and from the description that appears in the import declarations it could not be inferred that they will be used in the development of nuclear weapons or missiles.

Harmonized System chapters 56, 61, 73, 84 and 85 comprise a wide range of items/products. Consequently, not all the goods in those chapters could be subject to the prohibitions in the United Nations Security Council resolutions.

Furthermore, it should be noted that, although the country of origin of the goods was the Democratic People's Republic of Korea, in none of the cases was it the country of export, the country of purchase or the country of provenance. Furthermore, errors might have been made when the origin code was entered in box 48 of the import declaration, meaning that some imports from the Republic of Korea could have been erroneously recorded as coming from the Democratic People's Republic of Korea.

2. Whether the cargoes from the Democratic People's Republic of Korea to Colombia containing the relevant items were inspected pursuant to paragraph 18 of resolution 2270 (2016), and if so, the reason why they were not seized and disposed of pursuant to paragraph 20 of resolution 2397 (2017).

It should be noted that the entry into the country of these goods, and indeed all goods, is subject to three stages of customs inspections: pre-clearance, in-clearance and post-clearance.

Pre-clearance inspections are conducted when goods (cargo) arrive at airports, ports or border crossings, at which point international shippers inform the Directorate of National Taxes and Customs (through the electronic information services) of the data related to the shipping documents, including the country of shipment, since they do not know the country of origin or brokerage of the goods. Because the Directorate's system contains the information provided by the shippers, the Directorate cannot detect whether goods originate from the Democratic People's Republic of Korea.

In-clearance inspections take place when users submit import declarations and request the release of goods through the Directorate's computer systems after completion of pre-clearance inspections. In this regard, it should be noted that in line with the World Trade Organization Agreement on Trade Facilitation, the Directorate has a system of risk selectivity and profiling in which declarations can be selected for physical inspection, documentary inspection or automatic release, for which no inspection is made.

Likewise, under the same facilitation rules, there are importers who, after having fulfilled a series of requirements, have been recognized by the Directorate and other monitoring bodies as authorized economic operators, whose foreign trade transactions do not pose any risk and who therefore have benefits, such as obtaining the automatic release of goods, though they can still be subject to inspections. In addition, post-clearance inspections refer to the powers of inspection exercised by the customs authority over goods that have been released and that, therefore, can be seized or subject to penalties in accordance with the customs rules in force.

Also, as mentioned above, the Security Council resolutions give only the Harmonized System chapter or a general reference to the goods, and it cannot be inferred from the descriptions set out in the import declarations that the goods will be used in the development of nuclear weapons or missiles or chemical or biological weapons.

In view of the foregoing, the goods were not seized or disposed of. Moreover, under Colombian law, a procedure consistent with due process needs to be initiated in order to determine the legal status of the goods, which was not required in the case of the goods in question.

3. Any other relevant information and/or action taken by the Colombian authorities with respect to exports from the Democratic People's Republic of Korea to Colombia.

It should be noted that the foreign trade operations that were subject to review have the United States, Panama, the United Kingdom, China and Brazil as countries of export, purchase or provenance, and in that

regard it is understood that, although the goods were manufactured in the Democratic People's Republic of Korea, the commercial transaction was not carried out with that country. However, Colombia applies a series of measures to keep its regulations in line with the goals of disarmament and non-proliferation of weapons of mass destruction.

In connection with the action taken, as has been mentioned previously, it should be noted that one of the principles underlying Decree No. 1165 of 2019, regulating the customs regime of Colombia, is precisely to ensure the security and facilitation of the logistical chain for foreign trade operations; in other words, inspections shall be conducted pursuant to a risk-management system that will prevent smuggling and asset laundering, strengthen border security, mitigate environmental risk and prevent the proliferation of weapons of mass destruction.

In that regard, the United Nations Security Council resolutions are disseminated to the local offices to ensure compliance, without prejudice to international instruments on the facilitation of foreign trade operations that Colombia is obliged to apply, such as the World Trade Organization Trade Facilitation Agreement.

Likewise, through its customs authority, Colombia has issued guidelines to local customs offices regarding cargo inspections, and requests for selective customs checks have been issued. Lastly, it is important to mention that the Directorate is currently upgrading its technology. This includes strengthening the risk management system, which will no doubt result in more effective inspections.

Customs inspections

1. Rejection or seizure

Regarding any cases of rejection of customs clearance or seizure of goods involving the Democratic People's Republic of Korea as a country of destination/consignment/origin, manufacture or transit, a table is attached with information provided by the Subdirectorate of Customs Enforcement on records of seizures made whose country of origin could be the Democratic People's Republic of Korea, for the year 2023 as at 17 December, including (in order of appearance) the following columns: country of provenance, tariff classification, description of goods seized, unit of measure, quantity of goods seized and value of goods seized.

2. Information that could be considered relevant to the Panel's work as mandated by the Security Council in this regard

To ensure that implementation fully complies with the Security Council resolutions, it would be very useful to have a detailed list of the measures that restrict foreign trade with the Democratic People's Republic of Korea and a full description of the goods concerned, because the Harmonized System chapter or a generic name alone do not provide adequate identification, making it difficult to know precisely which goods are prohibited and therefore difficult to control them.

Furthermore, it is important to be aware of international best practices that different countries apply to comply with the aforementioned resolutions and how they relate to trade facilitation rules, because identifying the Democratic People's Republic of Korea as the country of origin of the goods is very complicated, for example when goods have been purchased in a different country and are also shipped from another country (of provenance) that is neither the country of purchase nor that of origin.

Letter from the Permanent Mission of Ukraine and Ukraine's reply



**Постійне представництво
України** при Організації
Об'єднаних Націй

Permanent Mission of Ukraine
to the United Nations

Mission Permanente d'Ukraine
aupres des Nations Unies

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№ 4132/28-194/015-12408

The Permanent Mission of Ukraine to the United Nations presents its compliments to the Panel of Experts established pursuant to United Nations Security Council resolution 1874 (2009) and with reference to the Panel's letter of 12 December 2023, Ref. S/AC.49/2023/PE/OC.489, has the honour to submit a response attached herewith.

The Permanent Mission of Ukraine to the United Nations avails itself of this opportunity to renew to the Panel of Experts established pursuant to United Nations Security Council resolution 1874 (2009) the assurances of its highest consideration.

Attached: as stated, 1 page.



New York, 29 January 2024

**Panel of Experts established pursuant
to United Nations Security Council
resolution 1874 (2009)**

New York

ukraineun.org

Information
in response to the letter of the Panel of Experts established
pursuant to UN Security Council resolution 1874 (2009),
dated 12 December 2023, Ref. S/AC.49/2023/PE/OC.489

According to the State Customs Service of Ukraine, on September 5, 2023, a customs declaration was submitted to the regional division of the State Customs Service of Ukraine for customs clearance of goods, including goods worth \$3106.19, which, according to the Ukrainian classification of foreign economic goods, fall under the category of synthetic fabrics.

At the same time, in the declaration, the country of origin was mistakenly indicated as the DPRK instead of the Republic of Korea.

Based on the corresponding letter from the sender of the goods, corrections were made to the customs declaration, namely, the code of the country of origin of the goods was changed to the one corresponding to the correct country.

Annex 40: Letter from the Permanent Mission of China and China's replies



中华人民共和国常驻联合国代表团

PERMANENT MISSION OF THE PEOPLE'S REPUBLIC OF CHINA TO THE UNITED NATIONS

New York, 22 January 2024

Respected Acting Coordinator and Experts,

I am writing in response to your previous letters regarding the requests to investigate alleged violations of Security Council Resolutions on the DPRK.

China attaches great importance to and has always been fully and strictly implementing the Resolutions, and consistently and constructively supporting the work the Panel. In this regard, relevant Chinese authorities have conducted thorough investigations on the issues raised by the Panel, and responses on the investigations are enclosed herewith. These investigations are by no means easy to conduct, and a lot of efforts have been made by various competent Chinese authorities to verify the information provided by the Panel. China hopes these feedback could be reflected in the Panel's annual report in the faithful and comprehensive manner.

Panel of Experts

Established Pursuant to Resolution 1874

New York

Address: 350 East 35th Street, New York, NY 10016

Tel: (212) 655-6100

Web: www.china-un.org

I would like to take this opportunity to emphasize that China has made great efforts in implementing the Resolutions on the DPRK and sustained great losses. I count on the Panel to base its work on facts and request the Panel to carry out its assessments and analysis in line with its mandate as specified in the related Resolutions, and refrain from including unverified information in its report.

I look forward to continuing working with you to contribute to the implementation of the Security Council Resolutions and the Political solution to the Peninsula issue.

Warm regards,



Zhang Jun

Ambassador Extraordinary and Plenipotentiary
Permanent Representative
of the People's Republic of China to the United Nations

China's feedback to the 1874 Panel of Experts

1. Alleged cases related to trade between the DPRK and China

(1) OC.231

By November 2017, the UN Security Council had not yet listed vehicles as prohibited goods for export to the DPRK. Records were found on exports of passenger cars and trucks to the DPRK during this period, and these were normal exports. Since the adoption of the UN Security Council Resolution 2397, all vehicles exported from China to the DPRK have been for the use of international organizations in their project offices in the DPRK, and they do not involve any violations of UN Security Council resolutions.

(2) OC.359

From April to September 2023, China did not import iron alloys, iron and steel products, textiles, or other goods from the DPRK prohibited by relevant UN resolutions. The goods imported from the DPRK under HS code 50 were mulberry silk and waste silk. Mulberry silk and waste silk are raw materials and do not fall under the category of textiles prohibited from export by the UN resolutions, as China has repeatedly stated to the Panel. During this period, all metal products, industrial machinery, electronic

equipment, and vehicles exported from China to the DPRK were purely for the use of international organizations in their project offices in the DPRK, and did not involve any violations of UN sanctions resolutions. We urge the Panel to demonstrate its professionalism, accurately determine the scope of the resolutions and not to include any information unrelated to the resolutions in its final report.

2. Alleged cases related to DPRK financial activities

(1) OC.169

According to the information provided by the Panel, China conducted thorough investigations and found no evidence that the Yantai Jinmin Industry and Trade Company mentioned in the letter, as well as Li Zhenyu and Zhang Jiashan, were engaged in any activities in China that violated UN Security Council resolutions related to the DPRK.

(2) OC.167

China conducted thorough investigations based on the information provided by the Panel and found no evidence that the relevant banking accounts violated UN Security Council resolutions related to the DPRK. The authenticity and accuracy of the information provided by the Panel could not be confirmed.

(3) OC.168

Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all

representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK.

(4) OC.173

Based on thorough investigations conducted on the information provided by the Panel and found no evidence that the relevant banking accounts violated UN Security Council resolutions related to the DPRK.

(5) OC.181

Based on the information provided by the Panel, China has conducted thorough investigations and found no evidence that New Elements Holdings Co.Ltd, as mentioned in the letter, was involved in activities that violated the UN Security Council resolutions. Due to incomplete information, the situation of Li Xianzhu could not be verified.

3. Alleged cases related to DPRK labor

(1) OC.385

China has always been seriously implementing the relevant provisions of the UN Security Council resolutions regarding

DPRK overseas workers. The working permits for DPRK workers in China have all been expired before the deadline stipulated in the relevant Security Council resolution.

(2) OC.386

China has been earnestly implementing the relevant provisions of the UN Security Council resolutions regarding DPRK overseas workers. The working permits for DPRK workers in China have all expired before the deadline stipulated in the relevant Security Council resolution.

4. Alleged cases of DPRK personnel conducting activities in violations of UN Security Council resolutions

(1) OC.192

Based on our investigations, Liaoning Zhongwo Petrochemical Co., Ltd was deregistered in January 2022. China has thoroughly questioned the former head of the company and found no evidence of the company's involvement in activities that violated the UN Security Council resolutions. China does not have information on the situation of Chong Hyok and Chong Sang-Hun.

(2) OC.341

Based on the information provided by the Panel and according to our thorough investigations, no information of O Yong Ho's involvement in activities in violation of relevant Security Council resolutions in China has been found.

(3) OC.356

Due to the limited information provided by the Panel, it is very difficult for China to conduct investigations. Nevertheless, We are now coordinating with relevant authorities to conduct serious investigations, and no evidence of violations of relevant Council resolutions has been found. It is hoped that the Panel will respect our efforts and refrain from including unverified information in the final report of 2023.

(4) OC.358

Based on our preliminary investigations, Beijing Tianchicheng Enterprise Management Co., Ltd was revoked by the Chinese market supervision department as early as in January 2018. There is no record of Choe Song Ryong or Cui Cheng Long serving as shareholders or senior executives in the registered companies in Beijing.

(5) OC.357

Based on investigations, no information about Nam Chol Ung's involvement in activities in violation of relevant Security Council resolutions in China has been found. Regarding the individuals and companies mentioned in the letter, more time is needed for further investigations. We request the Panel to respect our efforts and refrain from including unverified information in the report.

Annex 41: Media reports of luxury cars in Pyongyang

朝鲜八届九中全会：高官自驾豪车到会场

发表 2023年12 月28日

作者 / 林海东

12月上旬**全国母亲大会**的时候，朝媒发布的图像显示，金正恩换了新车——迈巴赫S650，同时有人从图像中发现，金正恩护卫车队的那几辆雷克萨斯似乎也都换了新。12月20日，金正恩携女儿接见导弹总局第二红旗连的时候，朝媒图像显示，他和“心爱的女儿”乘坐的是另一辆新款的迈巴赫S_级轿车。



母亲大会合影现场。迈巴赫S650





母亲大会合影现场。金正恩座车及其护



接见第二红旗连。又一辆新车

金正恩及其护卫队换新车，之所以会成为外界关注的一个点，是因为它违反了安理会涉朝决议—2094 号决议禁止朝鲜进口高级轿车等奢侈品，2397 号决议则禁止朝鲜进口运输工具。当然，换新车违反安理会决议这事儿，金正恩也不是第一次做，因为朝鲜是不承认这些决议的，认为其“非法”。所以，你禁你的，我换我的。2019年的时候，有美国主流大媒体对金正恩当时乘坐的豪车来源做过追踪调查，结论是“经四个月辗转五个国家秘密运进朝鲜”。这回金正恩换的新车，大致应该路数照旧，只不过现在可能比2019年那时更加方便。

不仅金正恩换了新车，朝鲜核心领导层的几位高官也都换了新车。KCTV关于八届九中全会第一天的新闻报道中，甚至特意剪辑了高官们乘车甚至自驾抵达会场时的相关镜头，且在10分25秒的总片长中占据了大约20秒左右的时长。



与会人员列队集体进入会场，此处就是朝媒经常提到的“党中央本部大楼院子”，图左建筑为主楼，图右为会场。



一辆豪华奔驰车驶入会场，正列队进入会场的人员驻足等待。



警卫人员打开后车门，朝鲜“五常”之一金德训下车。车牌为黑底花体白字，牌号为“7·27023”。



金德训在众人驻足注视下走向会场。



一辆奔驰S_级轿车驶入院子。



警卫人员打开车门，朝鲜“五常”之一赵甬元从驾驶座探身下车。这是罕见的一幕，截至目前，除了金正恩外出视察曾亲自驾车之外，高官自驾前往会场的情形极为少见。



赵甬元的车牌也是黑底花体白字，牌号为“7·278242”。停车位置紧挨着金德训的“023”号车。



另一位自驾前往会场的是朝鲜“五常”之一崔龙海。座驾也是奔驰S_级，车牌也是黑底花体白字，牌号为“7·27020”。停车位置紧挨着赵甬元的“8242”号车。虽然KCTV没有给出崔龙海自驾的镜头，但却展示了他连续两次按钥匙锁车的动作。



接下来是金才龙和朴泰成两位大老。不知道他俩是自驾还是像金德训一样由司机开车。



从目前的局内位置看，金才龙在先、朴泰成在后。由此推断，紧挨着崔龙海“020”号车停放的蓝底白字牌照、车号“7·278244”这辆奔驰属于金才龙，而正在倒车入位的那辆黑底花体白字牌照（车号模糊未辨）的奔驰属于朴泰成。

上述场景，在朝鲜的新闻图像里是极为罕见的。高层官员换新车不算事儿，但自驾到会场却相当新鲜。外界有评论说，这些新车都是违反安理会决议、非法进口的，朝鲜这么做是为了炫耀自己不惧制裁、不理睬制裁。我看倒也未必尽然，因为这些场景首先是出现在KCTV的新闻图像中，第一受众是朝鲜观众，即便外界看到，知情

和影响范围也是极小的。那么，从对朝鲜国内受众传播的角度看，领导自驾大约有些“亲民”的意思隐含其中，至于领导是换新车还是吃丹东草莓，说句实话，朝鲜人民还真的不会太在意，因为等级地位使然。

Source: <https://posts.careerengine.us/p/658d2cc9311dd31682755e0f?from=latest-posts-panel&type=title>

Unofficial partial translation

The Ninth Plenary Session of the 8th Central Committee of North Korea: Senior officials drove luxury cars to the venue

Published December 28, 2023

Author / Lin Haidong

At the National Mothers' Conference in early December, images released by the North Korean media showed that Kim Jong-un had changed to a new car, the Maybach S650. At the same time, some people found from the images that the Lexus that Kim Jong-un guarded the convoy also seemed to have been replaced. New. On December 20th, when Kim Jong-un brought his daughter to meet with the Second Red Flag Company of the General Missile Administration, North Korean media images showed that he and his "beloved daughter" were riding in another new Maybach S_-class sedan.

The reason why Kim Jong-un and his guards have replaced their new cars has become a point of concern to the outside world is because it violates the Security Council resolution on North Korea—Resolution 2094 prohibits North Korea from importing luxury goods such as luxury cars, and Resolution 2397 prohibits North Korea from importing means of transportation. Of course, it is not the first time that Kim Jong-un has violated Security Council resolutions by changing to a new car, because North Korea does not recognize these resolutions and considers them “illegal.” So, you change yours, I change mine. In 2019, major mainstream American media conducted a tracking survey on the source of the luxury car Kim Jong-un was riding in at the time, and the conclusion was that “it was secretly transported into North Korea after four months of moving to five countries.” The new car that Kim Jong-un changed this time should roughly be the same as usual, but it may be more convenient now than it was in 2019.

Not only did Kim Jong-un change to a new car, but several senior officials of the North Korean core leadership also changed to a new car. In KCTV's news report on the first day of the Eighth and Ninth Plenum of the Eighth Central Committee, relevant footage of senior officials arriving at the venue by

car or even by car was even specially edited, and it occupied about 20 seconds of the total length of 10 minutes and 25 seconds. About 20 seconds.

The guards opened the rear car door... . The license plate is white with a flower body on a black background,

The brand name is "7·27023".

The guards opened the car. This is a rare scene. So far, except for Kim Jong-un who went out to inspect and drove in person, it is extremely rare for senior officials to drive to the venue by themselves.

...license plate is also white with a flower body on a black background, and the number plate is "7·278242".

The car is also a Mercedes-Benz S_-class, and the license plate is also in white on a black background, with the brand name "7·27020". The parking location is next to "8242" car. Although KCTV did not give a shot of... driving by himself, it showed him pressing the key to lock the car twice in a row.

The above scenes are extremely rare in North Korean news images. It's not a big deal for high-level officials to change to a new car, but it's quite fresh to drive to the venue by yourself. There are comments from the outside world that these new cars were illegally imported in violation of Security Council resolutions. North Korea did this to show that it is not afraid of sanctions and ignores them. I don't think it's all true, because these scenes first appeared in KCTV's news images, and the first audience was the North Korean audience. Even if the outside world saw it, they knew it.

And the scope of influence is also very small. So, from the perspective of communication to the domestic audience in North Korea, the leader's self-driving car has some "people-friendly" meanings implied. As for whether the leader changes to a new car or eats Dandong strawberries, to be honest, the North Korean people really don't care too much, because of the hierarchical status.

Annex 42: Letter from the Permanent Mission of Japan and Japan's reply

PERMANENT MISSION OF JAPAN
TO THE UNITED NATIONS
NEW YORK

12 January 2024

Dear [REDACTED]

The Government of Japan highly values the work of the Panel of Experts established pursuant to United Nations Security Council Resolution (UNSCR) 1874 (hereinafter "the Panel") as well as that of the Security Council Committee established pursuant to UNSCR 1718 (hereinafter "the 1718 Committee"), and reaffirms its commitment to cooperate with the Panel to ensure the full and strict implementation of all relevant UNSCRs against North Korea.

Upon instructions from the capital, I have the honour to share Japan's response, as attached, to the letter dated 20 December 2023 (Reference: S/AC.49/2023/PE/OC.617) with respect to media publications concerning an attempted export of Lexus cars to North Korea.

The Government of Japan reaffirms its commitment to continue working closely with the Panel and the 1718 Committee. Should the Panel have any inquiries, please contact the Permanent Mission of Japan to the United Nations.

Please accept the assurance of my highest esteem.



Kazuyuki YAMAZAKI
Ambassador Extraordinary & Plenipotentiary
Permanent Representative of Japan to the United Nations

[REDACTED]
Acting Coordinator of the Panel of Experts
established pursuant to Security Council Resolution 1874 (2009)

[Attachment]

The information in the media articles attached to your letter concerning an attempted export of Lexus cars to North Korea have not been officially publicized by the Police, and it is difficult for the Government of Japan to provide any information regarding this case because provision of such information could hinder the future investigation by the Police.

Annex 43: Toyota reply to the Panel's enquiry

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TOYOTA
TOYOTA MOTOR CORPORATION

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The United Nations Security Council Panel of Experts
The United Nations Headquarters
Siege
New York, NY 10017
dppa-poc1874@un.org

12 January 2024

Re: Response to 12 December 2023 Letter from UN Panel of Experts on North Korea
Reference: S/AC.49/2023/PE/OC.509

Dear [REDACTED]

Thank you for the letter from the UN Security Council Panel of Experts established pursuant to Resolution 1874 (2009) (the "Panel") to Toyota Motor Corporation ("Toyota"). Toyota is responding through this letter to the questions raised by the Panel regarding the image from November 2023 published in a news media report in the Democratic People's Republic of Korea ("DPRK").

Toyota is fully committed to respecting the laws and regulations of each country or region where we operate, including all applicable economic sanctions and export control laws. Toyota complies with applicable UN resolutions in relation to the DPRK and does not export, supply, sale or transfer motor vehicles directly or indirectly to the DPRK. Toyota also does not manufacture motor vehicles in or conduct other business activities in the DPRK.

The vehicle shown in the image provided by the Panel appears to be a Lexus LX600 or a Lexus LX500d. Toyota is not able to determine the particular model without viewing the name badge on the backdoor or other unique characteristics. These models were first manufactured in December 2021 and remain in production at this time. These models are manufactured only by Toyota Auto Body Co., Ltd. at its plant in Yoshiwara, Japan, which is wholly-owned by Toyota Motor Corporation. The total production number of these

models since December 2021 is more than 49,000 units. While the Lexus LX has been sold globally, the largest markets by volume are the United States, Saudi Arabia and Qatar. In these and other markets, Toyota generally sells its vehicles through distributors and dealers rather than directly to end-users but no Toyota distributors or dealers are authorized to sell vehicles to North Korea. Toyota is not able to confirm based on the photographs the specific market in which Toyota originally sold this particular Lexus LX. However, as noted above, it was not sold by Toyota in North Korea or for use in North Korea.

In consideration of the important work of the Panel, Toyota would like to continue to cooperate with the Panel consistent with the legal obligations of Toyota and its business partners. Toyota is willing to conduct further research in support of the Panel's inquiry if the Panel is able to provide more specific information regarding the vehicle at issue. For instance, if the Panel is able to provide the vehicle identification number (VIN), we would work to provide you with more detailed information such as model year, production date, model code and final destination for the Toyota delivery.

As noted above, Toyota is committed to complying fully with the laws and regulations of each country or region where we operate and we require our dealers and distributors to do the same. We comply fully with applicable UN resolutions in relation to the DPRK and Toyota has a strict policy of not exporting motor vehicles or related parts or components directly or indirectly to the DPRK.

We hope that the above information is helpful to your inquiry.

Sincerely yours,



Secretariat, Export and Trade Security Controls Committee
Toyota Motor Corporation

Annex 44: Dior reply to the Panel's enquiry

DIOR

United Nations
United Nations Security Council

To the attention of:

Ms. [REDACTED]

Acting Coordinator of the Panel of Experts
established pursuant to UN Security Council
Resolution 1874 (2009)
dppa-poe1874@un.org

Paris, November 16, 2023

Your Ref: S/AC.49/2023/PE/OC.252

Dear [REDACTED]

Thank you for your letter dated October 16, 2023.

Christian Dior Couture highly values the Panel's work and is very much willing to contribute to its efforts, as compliance with the United Nations Security Council resolutions is of utmost importance for our Maison. We have mobilized various internal contributors to work on your questions. Unfortunately, despite our effort, we are not able to determine how the handbag shown in Fig. 1 of your letter may have been obtained by a DPRK delegation member.

Please find below our answers with regards to the four questions raised in your letter:

1. Please confirm if the item in the image is a genuine Dior product?

It is difficult, on the basis of these photos only (no close-up on the handbag and therefore not showing details), to confirm undoubtedly the authenticity of this handbag. However, it strongly appears like one of our handbag models (see next question).

2. Please confirm the make and model of the handbag in question, whether these are limited production items, and any other information insofar as it could assist the Panel in narrowing down certain specific markets where such items may have been purchased?

Based on the photos provided, this bag could be the « SAC LADY DIOR LARGE Cuir de veau Cannage ultramatte noir », bearing the M0566SLOI_M989 reference number. This model of bag was first sold on February 2019. It is part of our permanent collection, and it is commercialized worldwide (with most sales in Europe and in the US).

3. Can you share any ideas on supply channels of the item to the DPRK or suspected supply route to the DPRK?

Christian Dior Couture complies with prohibitions on the provision, sale, or transfer of luxury goods to the DPRK and has no knowledge of the supply networks which may be circumventing these prohibitions. Our boutiques and e-commerce websites do not sell outside their domestic market and we have a policy to fight against parallel markets. In this respect, we sometimes cease sales with certain customers for whom we have reason to suspect, in view of the volume and/or type of purchases, that they may be reselling our products. We also carry out verifications on our customers with regards to the sanctions measures put in place by the United Nations and other international organizations and countries (including the EU, UK, USA) against specific individuals. However, we cannot fully control the subsequent resale of our products.

4. The Panel would also welcome any other information that you might consider relevant to the Panel work as mandated by the Security Council in this regard.

We are at the Panel's disposal to carry out any helpful verification on our customer database in the event that one or several individual(s) is(are) identified by the Panel as likely to supply the DPRK with our products. In such case, we could potentially blacklist this(these) individual(s) based on the elements gathered by the Panel.

*
* *

We hope that the above information will be of nature to assist the Panel and we of course remain at your disposal for any other question you may have.

Yours sincerely,



SVP General Counsel
mchampeny@christiandior.com

Annex 45: Letter from the Permanent Mission of Slovakia and Slovakia's reply

*Stála misia Slovenskej republiky
pri Organizácii Spojených národov
New York*



*Permanent Mission of the Slovak Republic
to the United Nations
New York*

115674/2023

The Permanent Mission of the Slovak Republic to the United Nations presents its compliments to the Panel of Experts established pursuant to the Security Council Resolution 1874 (2009) and has the honour to refer to the latter Note Verbale regarding the investigation claims of a Slovakian national, Mr. Ashot Mkrtychev, for having allegedly attempted to, directly or indirectly, import, export, or reexport to, into, or from the DPRK any arms or related material.

Ministry of Foreign and European Affairs of the Slovak Republic approached the Ministry of Finance of the Slovak Republic as the national coordinator of the enforcement of international sanctions and the manager of the Central Coordination Group for the enforcement of international sanctions in the Slovak Republic.

Department of Finance contacted the relevant state authorities in this matter. Based on the answers received and in accordance with the information requested by the panel of experts, we state that the named person is the holder of Slovak passport no. BD3843329 (valid until April 8, 2029). We also state that the ammunition could not be transported by a naval ship registered in the Slovak Maritime Register, as currently no naval ship is registered in this register. According to the available information, after his inclusion on the OFAC sanctions list, the bank account of the named person in particular bank was cancelled (at the time of the information from the bank, the account had a zero balance and it was blocked for any transactions). No payments made from or to the DPRK, or payments connected to the mentioned case linked to this person, have been notified to the relevant authorities by the banks.

According to the available information, the person named has not been staying in the territory of the Slovak Republic for a long time and should currently be alternately located in the territory of the Russian Federation and the People's Republic of China. The internal authorities of the Slovak Republic do not have any additional information that would allow them to further clarify the claims according to which the named person should have cooperated with representatives of the DPRK in obtaining weapons and ammunition for the Russian Federation in exchange for materials for the DPRK.

In the event that additional facts relevant to the mentioned case are discovered, the authorities of the Slovak Republic are ready to cooperate with a panel of experts.

The Permanent Mission of the Slovak Republic to the United Nations avails itself of this opportunity to renew to the Panel of Experts established pursuant to the Security Council Resolution 1874 (2009) the assurances of its highest consideration. *RM*

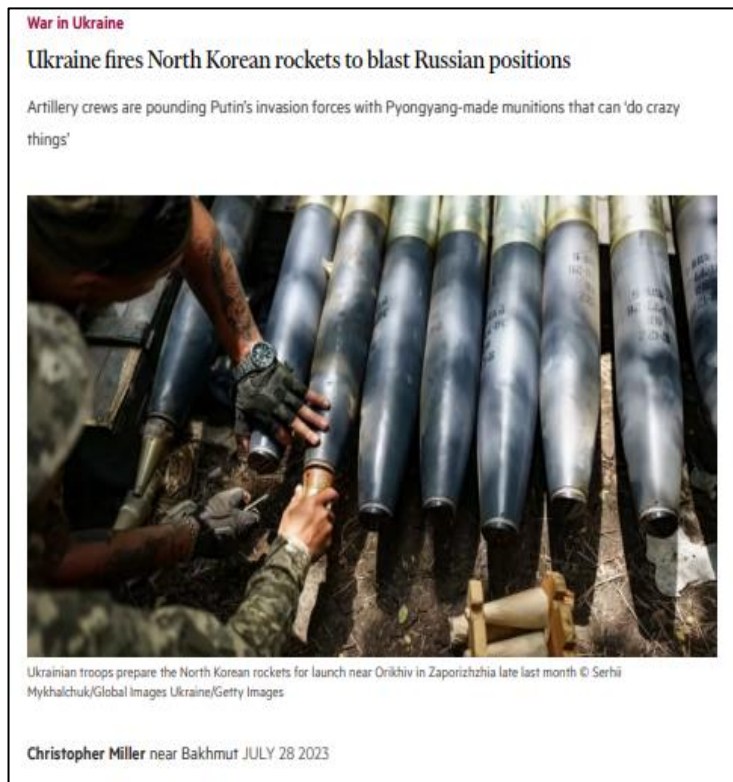
New York, 27 July 2023



Panel of Experts established pursuant
to the Security Council Resolution 1874 (2009)
United Nations
New York

801 Second Avenue, 12th floor, New York, N.Y. 10017 Phone: (212) 286-8880, Fax: (212) 286-8419

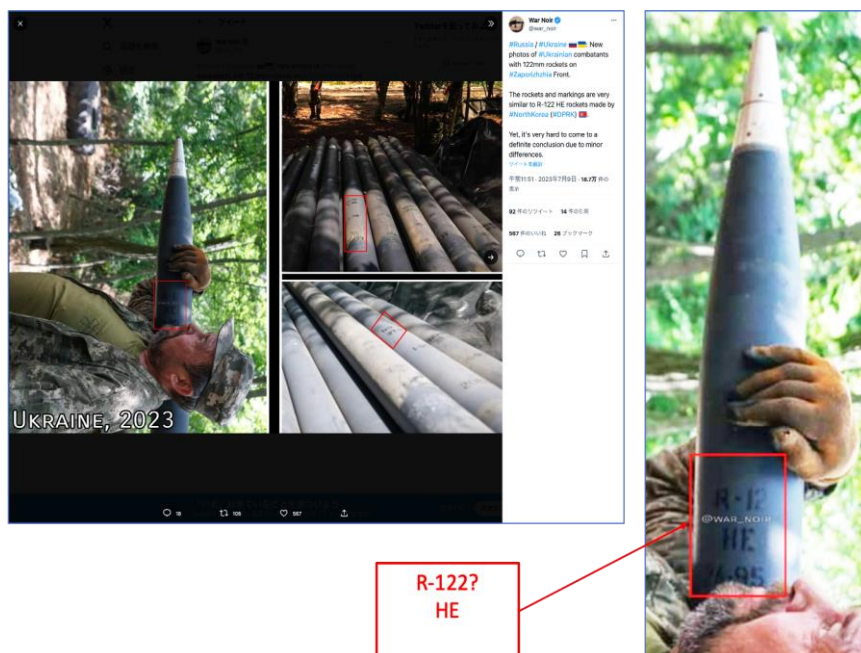
Annex 46: Ukrainian forces allegedly utilized multiple-launch rocket systems (MLRS) manufactured in the DPRK





Soviet-era Grad multiple-launch rocket systems fire on Russian positions in Donetsk. North Korean munitions have been used in such attacks near Bakhmut in the eastern region © Sofia Gatilova/Reuters

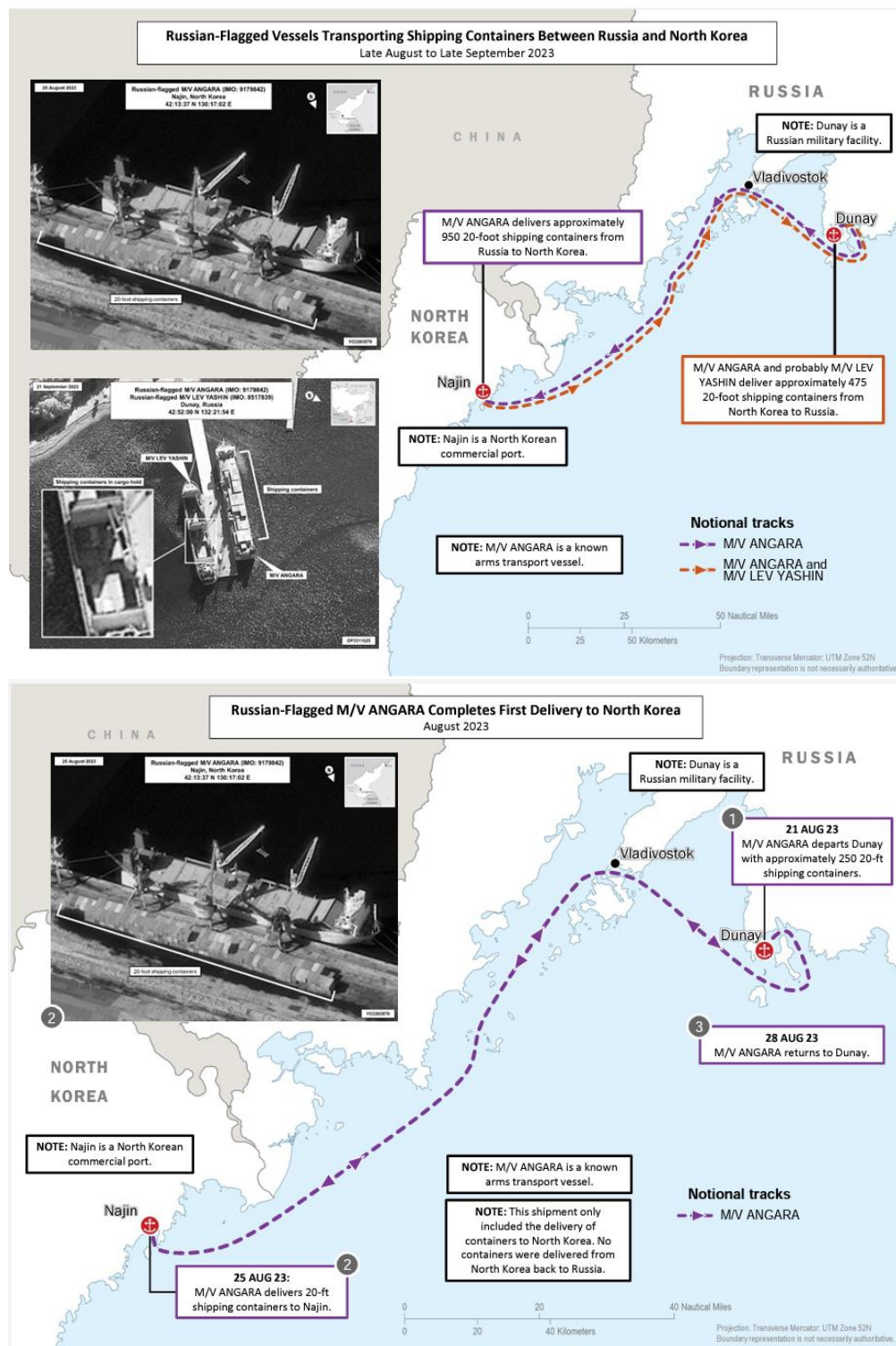
Source : Financial Times, 28 July 2023, accessed at <https://www.ft.com/content/96e1f526-ae3d-4cff-bc37-8f9dd7d5975f>. Boxed translation by the Panel.

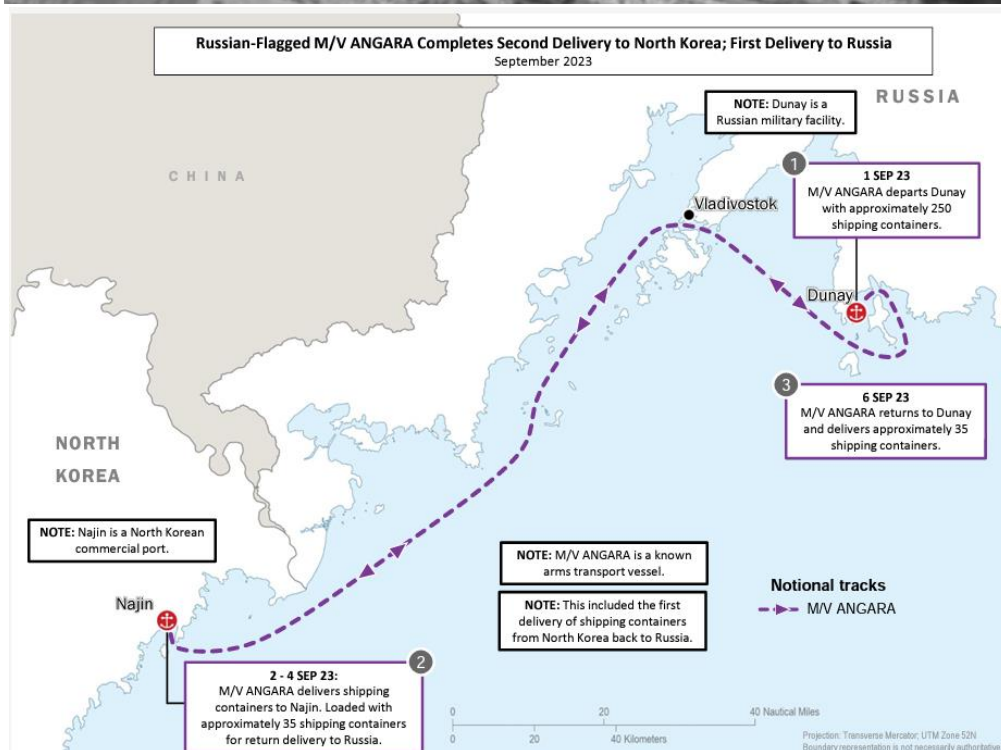
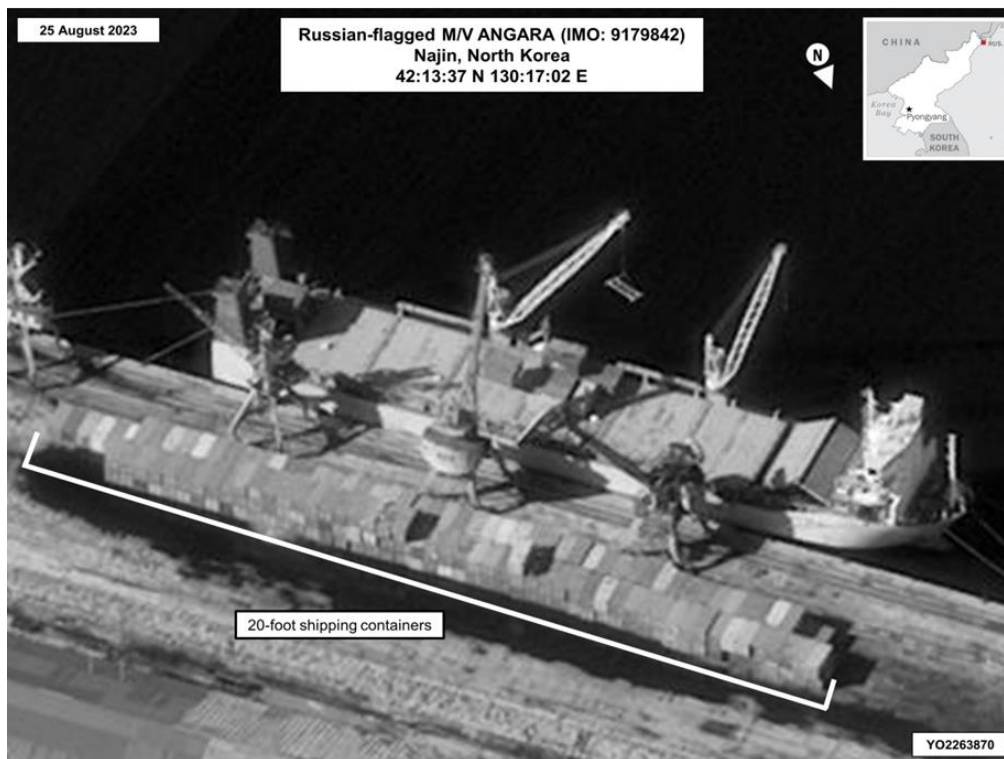


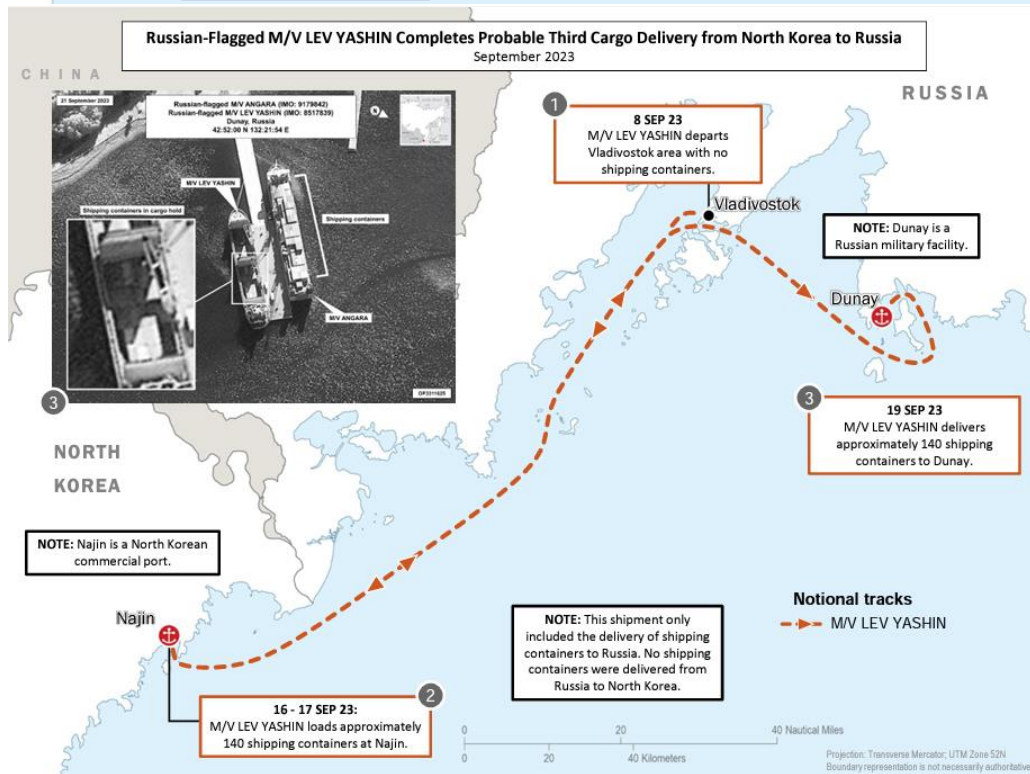
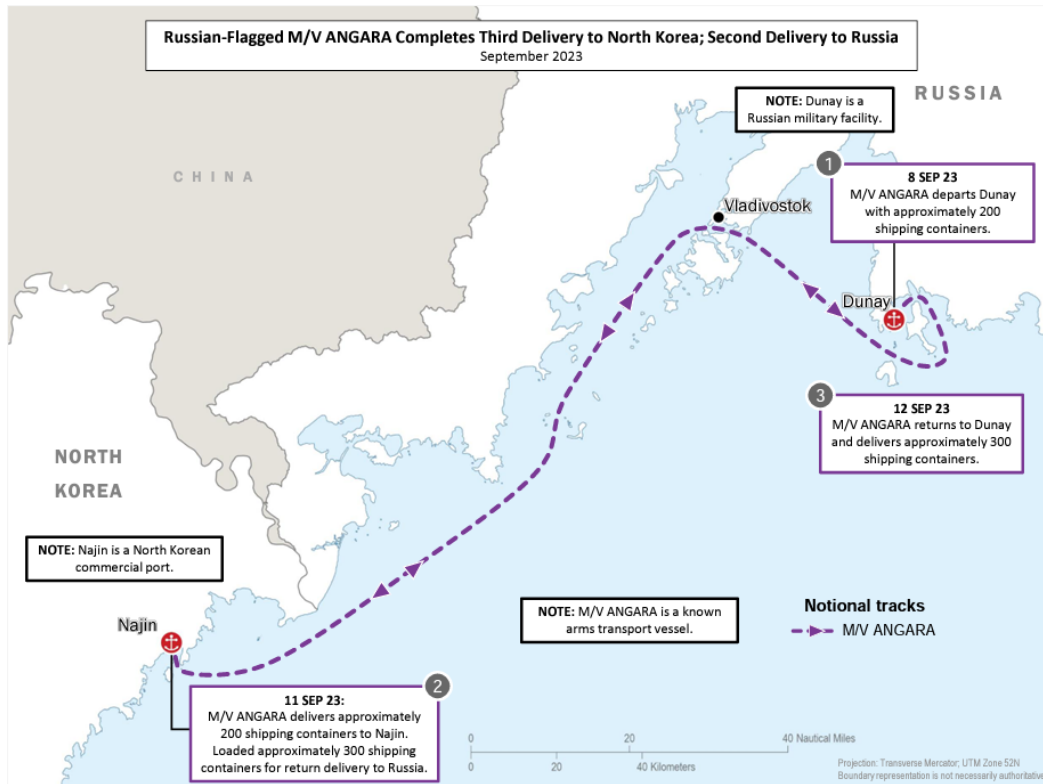
Source: X, posted on 9 July 2023, https://twitter.com/war_noir/status/1678069338266382337.

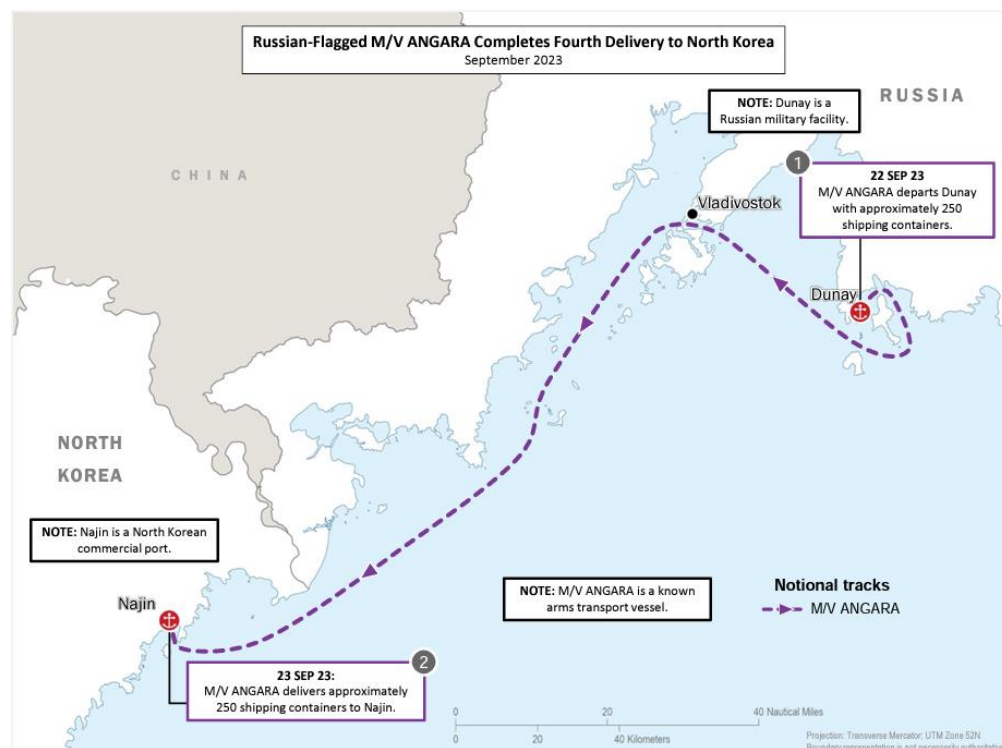
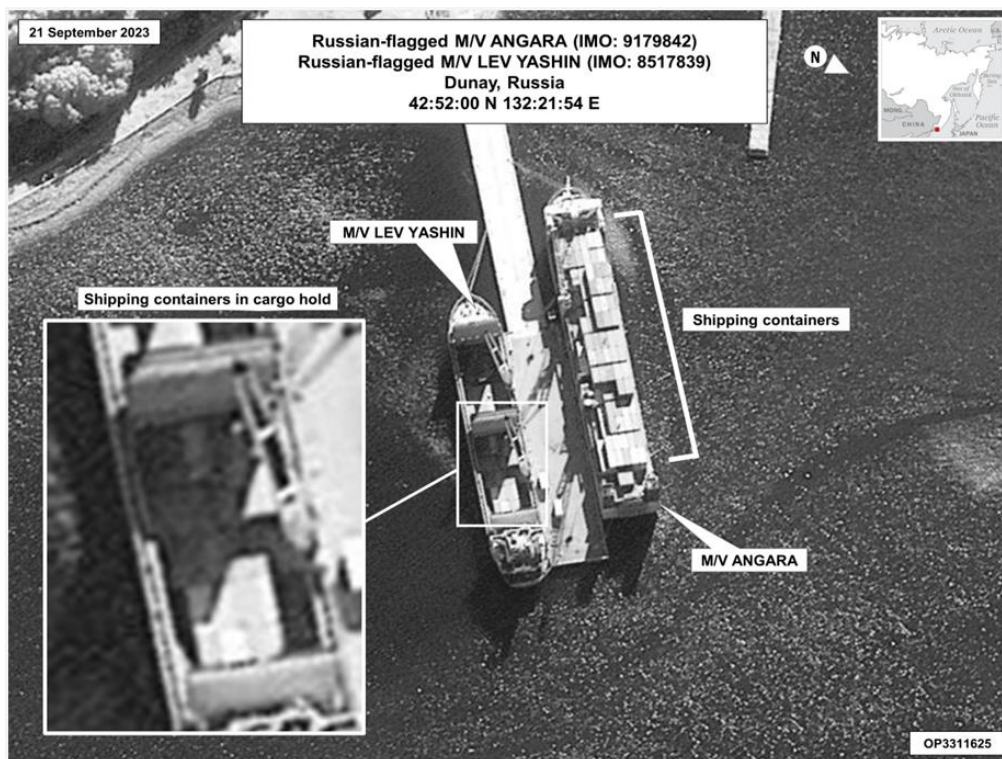
Annex 47: Member State information on alleged arms transfers from the DPRK (1)

Movements of *Angara* and *Maria* (fka *Lev Yashin*) between Rajin Port and Dunay late August 2023 – late September 2023









Source: Member States.

Deliveries Between Russia and North Korea
Late August to Late September 2023

Delivery	First Russia-to-North Korea	Second Russia-to-North Korea	First North Korea-to-Russia	Third Russia-to-North Korea	Second North Korea-to-Russia	Third North Korea-to-Russia	Fourth Russia-to-North Korea
Vessel	ANGARA	ANGARA	ANGARA	ANGARA	ANGARA	LEV YASHIN	ANGARA
Quantity of 20-ft shipping containers	~250	~250	~35	~200	~300	~140	~250
Origin	Dunay (Russia)	Dunay (Russia)	Najin (North Korea)	Dunay (Russia)	Najin (North Korea)	Najin (North Korea)	Dunay (Russia)
Destination	Najin (North Korea)	Najin (North Korea)	Dunay (Russia)	Najin (North Korea)	Dunay (Russia)	Dunay (Russia)	Najin (North Korea)
Dates	21 - 25 August	1 - 2 September	2 - 6 September	8 - 11 September	11 - 12 September	16 - 19 September	22 - 23 September

Source: Member State.

Annex 48: Member State information on alleged arms transfers from the DPRK (2)

Images of the *Angara* and *Maria (fka Lev Yashin)* at Rajin Port and Konyushkovo Bay, and of *Maia-1* at Rajin Port, Konyushkovo Bay and Vostochny Port, September 2023 – December 2023

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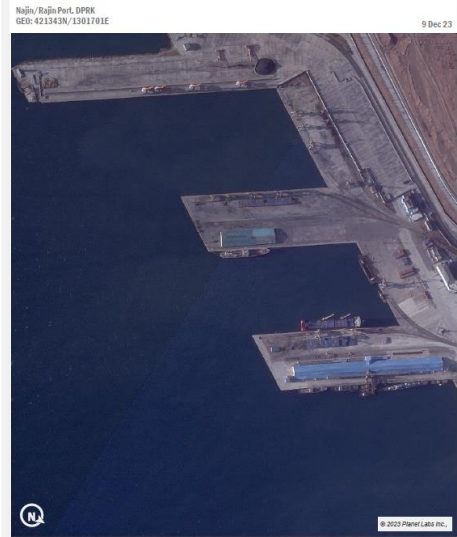
Russia/DPRK: Transfer of Materials Between the Democratic People's Republic of Korea and Russia

(OFFICIAL) This report provides an overview of the transport of materials between the Russian Federation and the Democratic People's Republic of Korea (DPRK).

National Centre for Geospatial Intelligence

Russia/DPRK: Transfer of Materials Between the Democratic People's Republic of Korea and Russia
DPRK Air, Land and Sea Transfer Nodes

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Russia/DPRK: Transfer of Materials Between the Democratic People's Republic of Korea and Russia
Transfer of Materials From DPRK to Russia by Sea

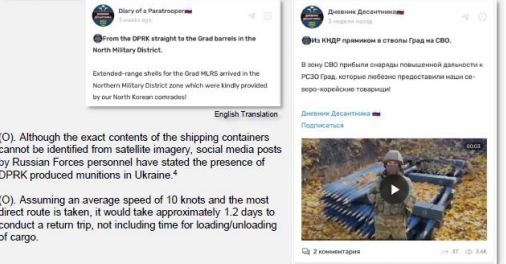
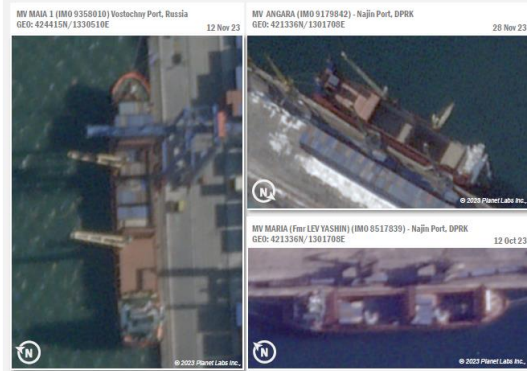
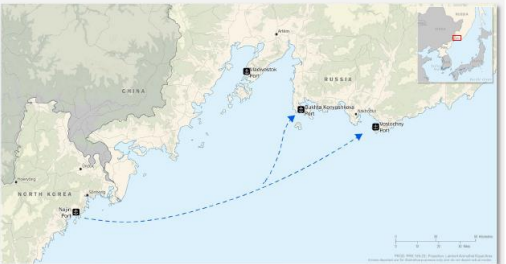
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(O). Media reporting highlighted that the Russian Federation were approaching a number of countries requesting military equipment and munitions to replace those which had been used in the Ukrainian conflict.^{1,2}

(O). Analysis of marine traffic data (confirmed on imagery dated between 21 Sep and 5 Dec 23) showed at least three Russian flagged vessels continued to transfer shipping containers between Najin Port, DPRK and the ports of Vostochny and Bukhta Konyushkova (also known as Dunay Port), Russia.³

(O). The three Russian vessels identified were MV MAIA 1 (IMO: 9358010), MV ANGARA (IMO: 9179842) and MV MARIA (Formerly LEV YASHIN) (IMO: 8517839), all of which have been identified at Najin Port, DPRK and then transiting to either Vostochny and/or Bukhta Konyushkova (also known as Dunay) ports, Russia.³



(O). Although the exact contents of the shipping containers cannot be identified from satellite imagery, social media posts by Russian Forces personnel have stated the presence of DPRK produced munitions in Ukraine.⁴

(O). Assuming an average speed of 10 knots and the most direct route is taken, it would take approximately 1.2 days to conduct a return trip, not including time for loading/unloading of cargo.

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Russia/DPRK: Transfer of Materials Between the Democratic People's Republic of Korea and Russia

MV MAIA 1 (IMO 9358010) – Offloading Shipping Containers at Najin Port Facility, DPRK

GEO: 421343N/1301714E
20 Nov 23

1. MV MAIA 1 (IMO 9358010) Vostochny Port, Russia 12 Nov 23
GEO: 424415N/1330510E

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2. MV MAIA 1 (IMO 9358010) Bukhta Konyushkova (Dunay) Port, Russia 5 Dec 23
GEO: 425158N/1322152E

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3. MV MAIA 1 (IMO 9358010) Bukhta Konyushkova (Dunay) Port, Russia 11 Dec 23
GEO: 425158N/1322152E

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(O). MV MAIA 1 (IMO 9358010) was identified on imagery docked at Vostochny Port, Russia on 12 Nov 23 [Image 1]. It was then identified preparing to load shipping containers at Najin Port, DPRK on 20 Nov 23 [Main Image] and unloading shipping containers at Bukhta Konyushkova (Dunay) Port, Russia on 5 Dec 23 [Image 2 and 3].

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Russia/DPRK: Transfer of Materials Between the Democratic People's Republic of Korea and Russia

MV ANGARA (IMO 9179842) – Docking at Najin Port Facility, DPRK

GEO: 421343N/1301714E
3 Sep 23

1. MV ANGARA (IMO 9179842) Bukhta Konyushkova (Dunay) Port, Russia 21 Sep 23
GEO: 425158N/1322152E

© 2023 Planet Labs Inc.

MV ANGARA (IMO 9179842)

© 2023 Marine Traffic

(O). MV ANGARA (IMO 9179842) was identified on imagery docking at Najin Port, DPRK on 3 Sep 23 [Main Image] and laden with shipping containers at Bukhta Konyushkova (Dunay) Port, Russia on 21 Sep 23 [Image 1].

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Russia/DPRK: Transfer of Materials Between the Democratic People's Republic of Korea and Russia
MV MARIA (Formerly Known as MV LEV YASHIN) (IMO 8517839) Loading Shipping Containers at Najin Port Facility, DPRK

12 Oct 23

GEO: 421343N/1301714E

1. MV MARIA (Formerly LEV YASHIN) (IMO 8517839) Bukhta Koryushkova (Dunay) Port, Russia 21 Sep 23
GEO: 425158N/1322152E

2. MV MARIA (Formerly LEV YASHIN) (IMO 8517839) Bukhta Koryushkova (Dunay) Port, Russia
GEO: 425158N/1322152E

22 Sep 23

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(O) MV MARIA (IMO 8517839) was identified on imagery unloading cargo at Bukhta Koryushkova (Dunay) Port, Russia between 21-22 Sep 23 [Image 1 and 2]. The vessel was also identified loading shipping containers at Najin Port Facility, DPRK on 12 Oct 23 [Main Image].

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Russia/DPRK: Transfer of Materials Between the Democratic People's Republic of Korea and Russia
DPRK Rail Transfer Node, Tomangang Railway Station, DPRK

5 Oct 23

GEO: 422561N/1303715E

Import/Export RTP

Internal RTP

(O) Tomangang Railway Station is located adjacent to the international border of DPRK and Russia and services the only rail link between the two countries. Media sources have reported that Russia could be exporting oil based products and cereals to the DPRK in exchange for munitions.⁶ Both oil based products and cereals have been identified at Tomangang Railway Station. Analysis of imagery dated between 30 Oct and 4 Nov 23 identified the renewal of cross-border rail activity between Khasan (Russia) and Tomangang (DPRK) after a two year hiatus, highly likely due to COVID-19.

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Images:

20200901_054003_uscd01_u0013_visual	20221113_052949_uscd_u0005_visual
20200901_009199_uscd_u0011_usual_1.F	20221113_013202_uscd_u0001_visual
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Source: Member State.

Annex 49: Screenshot of a page from the website of the Ministry of Foreign Affairs of the Russian Federation (https://www.mid.ru/ru/foreign_policy/news/1914400/)



Министерство иностранных дел
Российской Федерации

11.11.2023 11:57

№ 2282-11-11-2023

Ответ официального представителя МИД России М.В.Захаровой на вопрос СМИ в связи с обвинениями США и их союзников в адрес России в «военно-техническом сотрудничестве» с КНДР

Вопрос: В последнее время в адрес России и КНДР все чаще звучат обвинения в осуществлении запрещенных резолюциями Совета Безопасности ООН взаимных поставок вооружений и военных технологий. Один из последних примеров – заявление стран «Группы семи» по итогам встречи в Токио. На эту тему также неоднократно высказывался госсекретарь США Э.Блинкен, в том числе в ходе недавнего визита в Сеул. Как бы Вы могли это прокомментировать?

Ответ: Обвинения, предъявляемые «коллективным Западом» в «незаконном» военно-техническом сотрудничестве России с КНДР – голословны и бездоказательны, в излюбленном стиле «highly likely». К тому же никто не наделял Вашингтон и Токио следственными полномочиями.

Россия ответственно выполняет свои международные обязательства, включая резолюции Совета Безопасности. И это не мешает нам развивать традиционные отношения дружбы и сотрудничества с соседями, в том числе КНДР, имеющие давние исторические корни.

Что касается критиков нашей страны из числа так называемых поборников международного права, то им следует посоветовать почаще смотреть в зеркало, прежде чем учить других. Ведь именно США и их сателлиты нарушают общепринятые нормы международного права и резолюции Совета Безопасности, накачивают преступный киевский режим оружием и тем самым способствуют продолжению кровопролития.

Unofficial translation:

11.11.2023 11:57

№ 2282-11-11-2023

Foreign Ministry Spokesperson Maria Zakharova's answer to a media question regarding US and its allies' accusations of "military-technical cooperation" with the DPRK

Question: Recently, Russia and North Korea have been increasingly accused of carrying out mutual deliveries of weapons and military technology, which are prohibited by UN Security Council resolutions. One of the latest examples is the statement of the G7 countries following the meeting in Tokyo. US Secretary of State Antony Blinken has also repeatedly spoken on this topic, including during his recent visit to Seoul. How would you comment on this?

Maria Zakharova: The accusations made by the "collective West" of "illegal" military-technical cooperation between Russia and the DPRK are unfounded and unsubstantiated, in the favourite style of "highly likely." In addition, no one gave Washington and Tokyo investigative powers.

Russia is responsibly fulfilling its international obligations, including Security Council resolutions. And this does not prevent us from developing traditional relations of friendship and cooperation with our neighbours, including the DPRK, which have long-standing historical roots.

As for the so-called critics of international law, our country, they should be advised to look in the mirror more often before lecturing others. After all, it is the United States and its satellites that violate the generally accepted norms of international law and Security Council resolutions, pump the criminal Kiev regime with weapons and thereby contribute to the continuation of bloodshed.

Annex 50: Compilation of available information on *Angara*'s movements August to December 2023 (non-exhaustive)

Date	Summary of reported activity	Source and date of information
18 August	At Dunay (Dunai) Port	NKNews 23 October
18 August	Departs Dunay	RUSI, 16 October
21 August	Departs Dunay with 250 shipping containers	Member State report
25 August	Shipping containers delivered to Rajin (Najin)	Member State report
26 August	Arrives Rajin	RUSI 16 October
28 August	Returns empty to Dunay	Member State report
1 September	Departs Dunay with 250 shipping containers	Member State report
1 September	Departs Dunay	RUSI 16 October
2-4 September	Shipping containers delivered to Rajin; loads approx. 35 shipping containers	Member States' reports
3 September	Loads and unloads cargoes at Rajin	RUSI 16 October
3 September	At Rajin Pier 2, loads containers	NKNews 16 October; 23 October
6 September	Approx 35 shipping containers delivered to Dunay	Member State report
8 September	Departs Dunay with approx. 200 shipping containers	Member State report
	Disappeared for a few days (?)	NKNews 23 October
11 September	Approx 200 shipping containers delivered to Rajin; loads approx. 300 shipping containers	Member State report
12 September	Approx 300 shipping containers delivered to Dunay	Member State report
20 September	Vessel appeared to stay at Dunay through this date	NKNews 16 October
21 September	Loaded cargo at Dunay (alongside <i>Maria</i>)	Member State report; RUSI 16 October
21 September	Departs Dunay	RUSI 16 October
22 September	Departs Dunay with approx. 250 shipping containers	Member State report
23 September	Approx 250 containers delivered to Rajin	Member State report
23 September	Anchored in waters off coast of Vladivostok	NKNews 23 October
23 September	Photos near Vladivostok: Carrying containers with logos of commercial companies.	NKNews 19 October; Marinetrain.com
24 September	Arrives Rajin	RUSI 16 October
24 September	Unloading and possibly later loading containers	NKNews 23 October
2 October	"Ship matching <i>Angara</i> 's profile" at Rajin Port Pier 1	NKNews 16 October
2 October	Unloading cargo at Rajin Port	RUSI 16 October
2 October	Possibly later loading containers	NKNews 23 October

Rajin restarted container trade for first time in 5 years		NKNews 14 October
6-11 October	Vostochny Port loading and possibly earlier unloading containers	NKNews 23 October
14 October	Anchored in waters off coast of Vladivostok	NKNews 23 October
14 October	Photos near Vladivostok: Carrying containers with logos of commercial companies.	NKNews 19 October; Marinetraffic.com
	At Vostochny Port (date uncertain)	NKNews 25 October
22-23 October	Rajin Port unloading and later loading containers	NKNews 23 October
23 October	Picks up containers at Rajin Port Pier 2	NKNews 31 October; CSIS, 8 December
27 October	Appears at Dunay alongside Russian naval warship	NKNews 31 October
29 October	Still at Dunay without significant change in cargo	NKNews 31 October
28 November	At Rajin Port	Member State report
First days of December	At Nakhodka commercial container port	NKNews 13 December
9 December	Unloading containers at Rajin	NKNews 13 December; Bloomberg 26 December

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NKNews 16 October, “Secure Russian naval base processed alleged North Korean arms shipments: Imagery”, Anton Sokolin, Colin Zwirko

Royal United Services Institute (RUSI), 16 October, “The Orient Express: North Korea’s Clandestine Supply Route to Russia”, James Byrne, Joseph Byrne and Gary Somerville

NKNews 19 October, “Russian ship in South Africa arms row appears to aid North Korea weapons trade”, Anton Sokolin, Colin Zwirko

NKNews 20 October, “How Russia used lookalike ships to conceal suspected North Korea arms trade”, Anton Sokolin

NKNews 23 October, “Major Russian container port tied to alleged North Korea weapons trade: Imagery”, Anton Sokolin, Colin Zwirko

NKNews 25 October, “North Korean trains in alleged Russia arms deal pass through key weapons hub”, Colin Zwirko

NKNews 31 October, “New ship joins alleged North Korea-Russia weapons trade operation: Imagery”, Colin Zwirko

NKNews 13 December, US sanctions Russian ship to ‘disrupt’ weapons trade with North Korea”, Colin Zwirko

Centre for Strategic and International Studies (CSIS), 8 December, “Activity at Najin Points to Continued DPRK-Russia Arms Transfers”, Joseph S. Bermudez Jr., Victor Cha and Jennifer Jun
Bloomberg, 26 December, “Ghost Ships at Reawakened North Korea Port Put Ukraine in Peril”, Jon
Herskovitz

Source: Compilation by the Panel.

Annex 51: *Angara* - Supplementary information

The Panel is investigating entities currently connected to *Angara* and the other vessels named in Table 3 of the main text.

According to maritime databases, M Leasing LLC (TIN: 9701173086, established in 2021) is the current registered owner of *Angara*. The Panel tried to contact M Leasing LLC using their published email address and telephone numbers but was unsuccessful. Investigations continue.

Marine Trans Shipping LLC (TIN: 3025037914) currently manages and operates *Angara*. [mailto:](#)The Panel wrote to Marine Trans Shipping LLC on 14 December but has not had a reply.

In addition to the four vessels whose details are listed in Table 3, reports refer also to the possible involvement of a fifth vessel *Vyacheslav Anisimov* (IMO: 9004463). According to commercial maritime databases *Vyacheslav Anisimov* visited Dunay sometime between about 6 and 15 September 2023.²²⁵ According to a Member State, *Vyacheslav Anisimov* entered Dunai between 9 and 15 September and offloaded containers to *Angara*. The Russian Federation has not replied to the Panel's enquiry about this vessel.

The Panel wrote to the Russian Maritime Shipping Register on 15 December 2023 requesting information and documentation for the four vessels whose details are in Table 3, and the *Vyacheslav Anisimov*. The Russian Maritime Shipping Register replied that the request had been “duly forwarded to the appropriate Governmental bodies of the Russian Federation”.

²²⁵ See also: <https://www.nknews.org/pro/how-russia-used-lookalike-ships-to-conceal-suspected-north-korea-arms-trade/>



A photograph of *Angara* off Vladivostok dated 22 September 2023²²⁶ shows it was carrying shipping containers. Some of these had logos apparently of a number of different companies. In response to the Panel's enquiry of one of these companies, PJSC Transcontainer, the Permanent Mission of the Russian Federation sent the following response dated 25 January 2024:

"I would like to refer to the request by the Panel of Experts established pursuant to Security Council Resolution 1874 (2009), namely S/AC.49/2023/PE/OC.563 dated 14 December 2023.

In this regard, I wish to inform you of the following. PJSC Transcontainer has not previously had and does not currently have any contractual relations with Marine Trans Shipping LLC or M Leasing LLC. The organization has not leased containers to any lessees for the purpose of loading them onto vessel ANGARA. Transportation to DPRK is not included in the geographic scope of the activities of PJSC Transcontainer. The company has never carried out and does not carry out transportation from and to DPRK.

²²⁶ MarineTraffic.com

When concluding its lease agreements, PJSC Transcontainer shows due diligence and receives assurances from the lessees that the property of PJSC Transcontainer will not be used in violations of the international obligations of the Russian Federation, including compliance with the sanctions regimes of the UN Security Council. The clients of the company undertake not to use the containers provided for temporary possession and use for the delivery, transportation, transfer, as well as transportation of goods, products and items to countries with trade restrictions in force under the UN Security Council resolutions, as well as for the benefit of persons on the sanctions list of the UN Security Council.

The photograph attached to the Panel's request of the vessel ANGARA shows that some of the containers have a trademark similar to that of PJSC Transcontainer. Belonging of containers is indicated by a unique BIC code. The images presented in the request do not allow to identify the BIC codes on the containers and establish their belonging.

Please let me know if you'd like to receive any additional clarifications or discuss any follow-up matters.”

Annex 51.1: *Angara*'s speed

Angara's service speed is 15 kn according to commercial maritime databases although in the days before *Angara* arrived at Korsakov it appears to have travelled rather more slowly, mainly between 8 and 10 kn.²²⁷

Estimates based on Google Earth images suggest that the direct round-trip distance between Najin and Konyushkovo Bay is approximately 440 km. The route maps in Annex 47 would suggest, however, that vessels making this journey hug the coast, perhaps in order to stay within DPRK or Russian territorial waters and thus minimizing the risk of surveillance. In this case, the round-trip distance is approximately 540 km. Approximate round-trip travel-times under these different scenarios are as follows:

Rajin to Konyushkovo Bay – approximate distance by sea	<i>Angara</i> sailing speed	Approximate round-trip voyage time (no account taken of port entry/exit times or loading/ unloading times)	Approximate round-trip voyage time (assuming the port call in the middle lasted 0.5 days)⁹
Direct route 220 km	15 kn	16 hours	28 hours
	10 kn	24 hours	36 hours
Hugging the coast 270 km	15 kn	19 ½ hours	31 ½ hours
	10 kn	29 hours	41 hours

²²⁷ Source: Windward.

Annex 51.2: Member States' Designation of *Angara*

The U.S. Treasury's Office of Foreign Assets Controls designated the *Angara*, M Leasing LLC and Marine Trans Shipping LLC on 8 May under Section 1(a) of Executive Order (E.O.) 14024 of April 15, 2021 ("Blocking Property With Respect To Specified Harmful Foreign Activities of the Government of the Russian Federation"):

- ANGARA Roll-on Roll-off 8,811GRT Russia flag; Vessel Registration Identification IMO 9179842 (vessel) [RUSSIA EO14024] (Linked To: M LEASING LLC);
- M LEASING LLC, Baumanskaya Ul., D.7, Str. 1, Of. 301, Moscow 105005, Russia; Tax ID No. 9701173086 (Russia); Identification Number IMO 6246853 [RUSSIA-EO14024];
- MARINE TRANS SHIPPING LLC, Office 2, Ulitsa Naberezhnaya Reki Tsareva 1, Astrakhan 414024, Russia; Tax ID No. 3025037914 (Russia); Identification Number IMO 6183435 [RUSSIA-EO14024].

The Office of Financial Sanctions Implementation of HM Treasury designated M LEASING on 19 May 2023 under The Russia (Sanctions) (EU Exit) Regulations 2019:

Name (non-Latin script): М ЛИЗИНГ a.k.a: M LIZING Address: Of. 301, Str. 1, D.7, Baumanskaya Ul., Moscow, Russia, 105005. Other Information: (UK Sanctions List Ref): RUS1850. Financial sanctions imposed in addition to an asset freeze: Trust services. Date trust services sanctions imposed: 18/05/2023. (UK Statement of Reasons): M LEASING is an involved person within the meaning of the Russia (Sanctions) (EU Exit) Regulations 2019 because 1) M LEASING is an entity carrying on business in a sector of strategic significance to the Government of Russia, namely, the transport sector; and 2) M LEASING is involved in providing financial services, or making available funds, economic resources, goods or technology, that could contribute to destabilising Ukraine or undermining or threatening the territorial integrity, sovereignty or independence of Ukraine. (Email address): svetlana-osik@mail.ru (Type of entity): Limited Liability Company (LLC) (Business Reg No): 9701173086 Listed on: 19/05/2023 UK Sanctions List Date Designated: 18/05/2023 Last Updated: 19/05/2023 Group ID: 15911.

Annex 51.3: Angara's history

1. Commercial maritime databases indicate that *Angara* earlier visited Konyushkovo Bay, in June, 2023.
2. A private sector organization posted the following tweet on 16 October 2023 (The Dossier Centre: <https://t.me/dossiercenter/300>)

Центр «Досье»

КНДР поставляет в Россию боеприпасы, убедился
Центр «Досье»

Российские корабли «Мария» и «Ангара» в течение последних двух месяцев **забирали грузы в северокорейском порту Раджин и доставляли их на засекреченную военную базу на Дальнем Востоке,** [пишет](#) The Washington Post. Издание опирается на спутниковые снимки, [исследованные](#) RUSI. Фотографии не позволяют определить, что именно перевозили суда, но аналитики предполагают, что речь идет о поставках боеприпасов.

Как минимум в одном случае это были ракеты, выяснил Центр «Досье». В корабельных документах «Ангара», с которыми ознакомился «Досье», говорится, что в трюме сухогруза перевозились 50,69 тонн ракет с разрывным зарядом. В материалах ни разу не упоминается, что суда посещали КНДР. При этом нередко в качестве пункта назначения указан залив Стрелок, на берегу которого и располагается российская военная база.

Unofficial translation by the Panel

BEGINS

Dossier Centre

North Korea supplies ammunition to Russia, the Dossier Center is convinced

Over the past two months, the Russian ships Maria and Angara have been picking up cargo at the North Korean port of Rajin and delivering it to a secret military base in the Far East, The Washington Post writes. The publication is based on satellite images studied by RUSI. The photographs do not make it possible to determine what exactly the ships were transporting, but analysts suggest that we are talking about the supply of ammunition.

In at least one case, these were missiles, the Dossier Center found out. The Angara ship's documents, which the Dossier reviewed, state that 50.69 tons of missiles with an explosive charge were transported in the cargo hold. The materials never mention that the ships visited the DPRK. At the same time, Strelok Bay is often indicated as a destination, on the shores of which a Russian military base is located.

ENDS

3. The Panel has been shown alleged documentary material which it cannot independently verify. This reportedly shows inter alia that *Angara* carried in its hold 50.6887 tons of dangerous cargo described as UN Class 1 explosive material, UN No 180 Explosive Rockets when at or close to Korsakov Port in the Sakhalin Peninsula between about 6-10 August:²

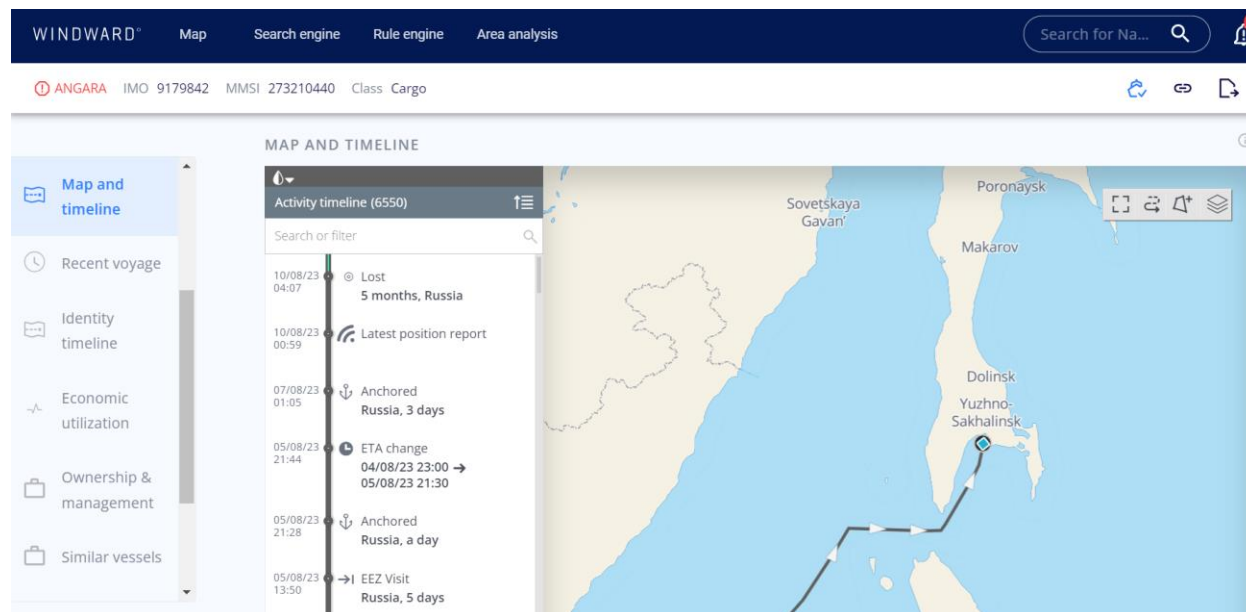
Параметры перемещения судна		
Порт: Корсаков Перемещение: Отход (Выход с текущего пункта в море. Прекращение редактирования) Операция: Отход		
Местоположение		
Граница порта: Участок № 1	Причал: Не указан	Якорная стоянка/Участок: Точка якорной стоянки №22
Комиссия государственных контрольных органов: Да Место проведения: Рукот/Южный район причал №1 Дата и время проведения (местн.): 10.08.2023 19:00		
Следующий пункт		
До: Страна: RUSSIAN FEDERATION Порт: Nakhodka		
Параметры маршрута		
Дата и время движения (местн.), начало: 10.08.2023 20:00		Лоцман: Не нужен
Примечание: Осадка максимальная (макс. из осадки кормой и осадки носом): 5,2 Надводный габарит: 35,06		
Грузы		
На борту - ИТОГО [т]: 58.886 из них опасных [т]: 50.69 TEUs: 0		
1. Тип груза: Прочие генеральные грузы		
Кол-во [т]: 50.68871		
Опасный груз: Да		
Расположение груза: трюм		
Класс ООН: Класс 1 - Взрывчатые вещества		
ООН: 180 - РАКЕТЫ с разрывными зарядами		
Класс и подкласс ООН: 1 Группа упаковки:		
Перевозится в таре: Да Масса брутто [т]: 50.6887		
Перевозится навалом: Нет		
Перевозится наливом: Нет		
2. Тип груза: Прочие генеральные грузы		
Кол-во [т]: 8.19676		
Внес		
Никитин Петр Данилович Должность: Исполнил: Никитин Петр Данилович Должность: Государственный инспектор сектора оформления приходов и отходов судов		Дата и время внесения: 10.08.2023 11:23 Дата и время исполнения: 10.08.2023 20:40
Закрыть		

4. The documentary material suggests this cargo was offloaded at a destination in Strelok Bay sometime between 15 and 21 August.
5. This suggestion is supported by satellite imagery which *shows Angara* at Konyushkovo Bay (which is situated in Strelok Bay) on 18 August 2023, moored alongside a pier across from a warship:



Source: Planet Labs, 18 August 2023.

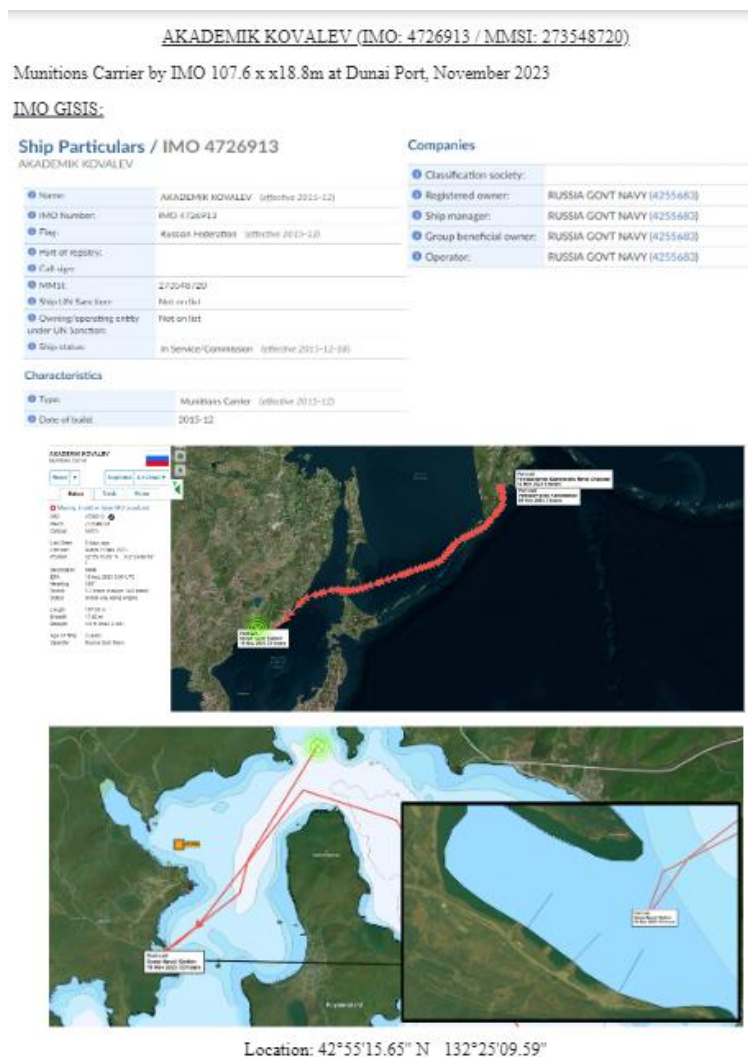
Annex 51.4: Route taken by *Angara* until 10 August, when AIS transmissions ceased to be detected



Source: Windward, accessed on 4 January 2024.

Annex 52: Konyushkovo Bay

Konyushkovo Bay, located south of Dunay, was used as a submarine base in former USSR times²²⁸ and subsequently was used as an unloading point of spent nuclear fuel from decommissioned submarines for transport to Ministry of Defense temporary storage facilities at Sysoev Bay, close to Dunay.²²⁹ Konyushkovo Bay is still in use by Russian Navy vessels. The Panel examined available imagery of vessels in the Bay prior to August 2023 and found that it was only infrequently used by merchant vessels. Maritime databases provide examples of two military vessels in the bay in November 2023, as does a Google image dated 2020 of another military vessel:



²²⁸ See for example, CIA report dated 9 May 1965: <https://www.cia.gov/readingroom/docs/CIA-RDP78T05929A000900020013-6.pdf>

²²⁹ See for example “Environmental safety and monitoring measures in the dangerous radioactive facilities in the Far East, as well as possible responses to accidents which may happen in the facilities”, Acad, Ashot Sarkisov, Advisor to Director of IBRAE (http://www.tecsec.org/en/wp-content/uploads/2015/03/tokyoseminar05_e.pdf) presented at the G8 Seminar on the Global Partnership August 2005 (http://www.tecsec.org/en/wp-content/uploads/2015/03/tokyoseminar02_e.pdf).

SPK 57150 (IMO: 4768741 / MMSI: 273212850)

Crane Vessel 52m x 22.8m by IMO at Dunai Port, November 2023

Ship Particulars / IMO 4768741

SPK 57150

Name:	SPK 57150 (Interfax 2020-03)
IMO Number:	IMO 4768741
Flag:	Russian Federation (Interfax 2020-03)
Port of registry:	
Call sign:	
MMSI:	273212850
Ship UN Sanctions:	Not on list
Ownership/operating entity under UN Sanctions:	Not on list
Ship status:	In Service/Commission (Interfax 2020-03-02)

Characteristics

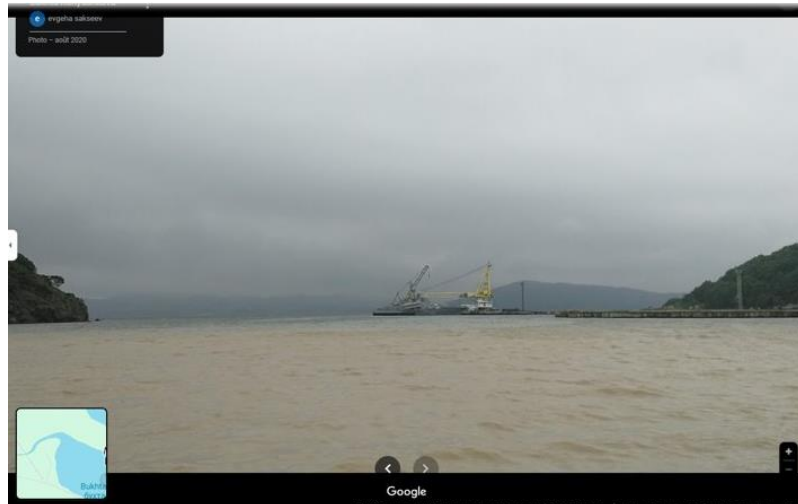
Type:	Crane Vessel
Date of build:	2020-01

Companies

Classification society:	
Registered owner:	RUSSIA GOVT NAVY (4255683)
Ship manager:	RUSSIA GOVT NAVY (4255683)
Group beneficial owner:	RUSSIA GOVT NAVY (4255683)
Operator:	RUSSIA GOVT NAVY (4255683)



Source: International Maritime Organization database, accessed 27 November 2023.



Military ship and support vessel with crane in Konyushkovo Bay

Source: Google image, August 2020, accessed 7 November 2023.



Angara and warship

Warships are occasionally seen on satellite imagery of Konyushkovo Bay moored opposite *Angara* (as here) or *Maria*.

Source: Planet Labs, 18 August 2023.



Entrance to Konyushkovo Bay, looking south – the sign on the right indicates “Restricted Area – Entry Forbidden”. The white cabin situated in the centre of the picture, just behind the red-and-white barriers across the road, is at the main entrance to the facility. It can be seen on current satellite imagery.

Source: Google Earth, July 2013.

Annex 53: *Angara*'s Movements at Konyushkovo Bay and Rajin Port

Annex 53.1: *Angara* unloading and loading containers at Konyushkovo Bay (see also image in figure XVI in the main text).

Two vessels filled with shipping containers are moored alongside the main pier: *Angara* is on the left. The majority of the containers on the vessel are blue in colour. The containers on the other vessel are multi-coloured.

Note the white cabin at the top left of the image marking the position of the main gate of the facility. A stack of mainly blue containers has been built just inside the entrance. Vehicles at main gate are probably flat-bed trucks used to move the containers.

According to the Member State information Annex 45, *Angara* delivered approximately 300 shipping containers on 12 September. These presumably are the shipping containers that can be observed on board *Angara* in the image below.

Figure 1.



Source: Planet Labs, 12 September 2023.

***Angara* at Konyushkovo Bay, 14 September 2023**

The containers from the two vessels appear to have been unloaded. Additional blue containers (presumably from *Angara*) have been added to the stack seen on 12 September. Close-by a new stack of multi-coloured containers has been built, presumably originating from the vessel on the right of the pier.

The Panel is unable to establish independently the exact location of the approximately 300 containers delivered by *Angara* on 12 September.

Figure 2.

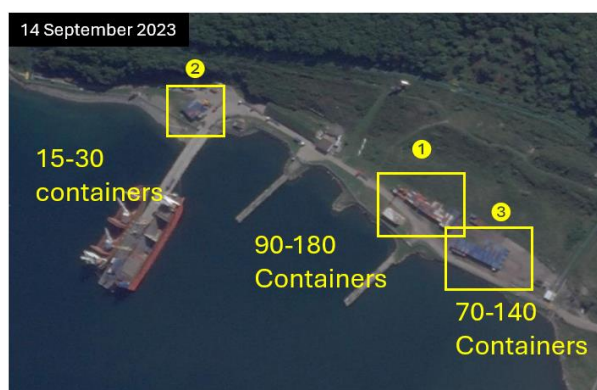


Source: Planet Labs, 14 September 2023.

Numbers of containers

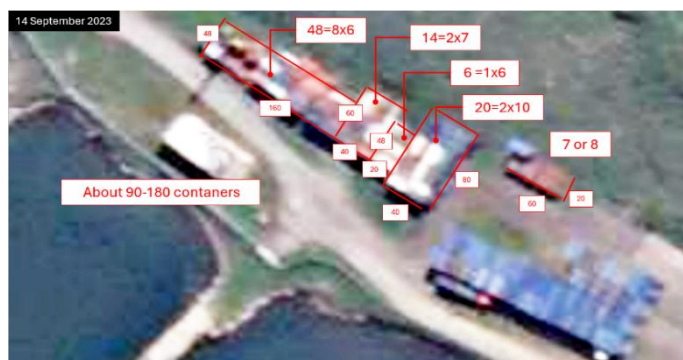
14 September: Approximate number of containers onshore Konyushkovo Bay: 105-210, in three piles (Note that unloading from *Angara* was not completed: some containers remain in the hold):

Figure 3. Three piles of containers:



Source: Planet Labs, annotated by the Panel.

Figure 4. Pile 1 (90-180 containers):



Source: Planet Labs, annotated by the Panel..

Figure 5. Pile 2 (15-30 containers):



Source: Planet Labs, annotated by the Panel.

Figure 6. Pile 3 (70-140 containers):



Source: Planet Labs, annotated by the Panel.

Figure 7. Pile 3 increased in size with additional containers (approximately 20) added between 12 September and 14 September:

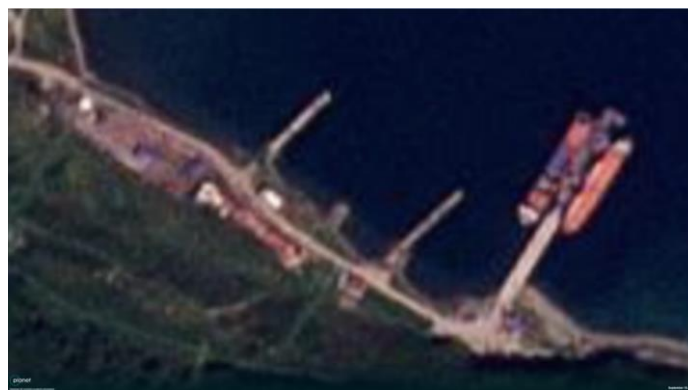


Source: Planet Labs, annotated by the Panel.

Note that the Panel has not been able to track the movement of containers in and out of the main gate of the facility by vehicle.

15 September 2023

Figure 8. *Angara* has been loaded with blue containers and the pile of blue containers seen onshore on 14 September has been reduced in size.



Source: Planet Labs, 15 September 2023.

Annex 53.2

Figure 1. *Angara* at Konyushkovo Bay 28 September



Source: Planet Labs

Note stack of containers close to main gate, and vehicular activity along the pier.

Figure 2. *Angara* at Konyushkovo Bay 30 September



Source: Planet Labs

Note stack of containers close to main gate has disappeared. Note the red-orange moveable cover (figure 2) has changed its configuration and appears to cover more of the hold(filled with containers) in comparison with 28 September.

Figure 3. *Angara* at Pier 1, Rajin Port, 2 October

The configuration of the red-orange moveable cover has changed again (partially pulled-back, perhaps in connection with container unloading, and a mix of blue and other-coloured containers can be seen in two places below).



Source: Planet Labs.

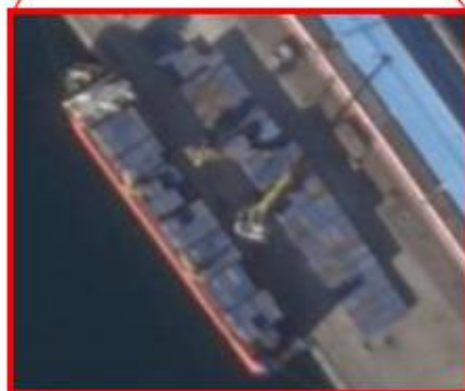
Annex 53.3

Figure 1. Rajin Port, Pier 1 is used for unloading vessels: *Angara* unloading containers there.

Angara at Pier 1 21 October 2023



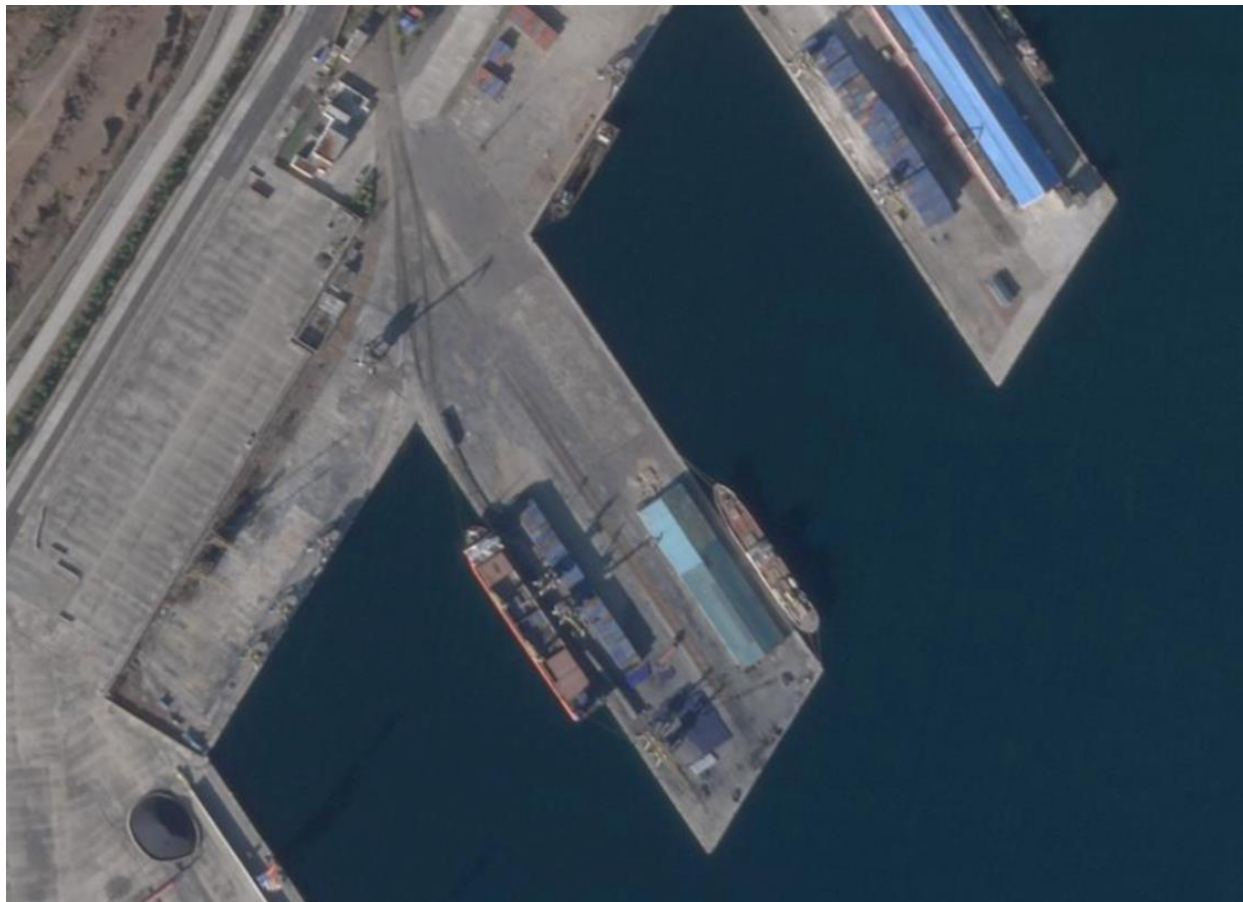
Angara at Pier 1 22 October 2023



Source: Planet Labs.

Note increased size on 22 October of the seaward end (to-the-right) of the stack of containers on the pier, in comparison to the day before.

Figure 2. *Angara* at Pier 2, Rajin Port, 23 October



Source: Planet Labs.

The red/orange moveable cover over *Angara*'s hold has been pulled back and blue and other-coloured containers can be seen in the hold.

Annex 54: *Maria*'s movements at Rajin Port and Konyushkovo Bay

Figure 1.

Rajin Port, Pier 2

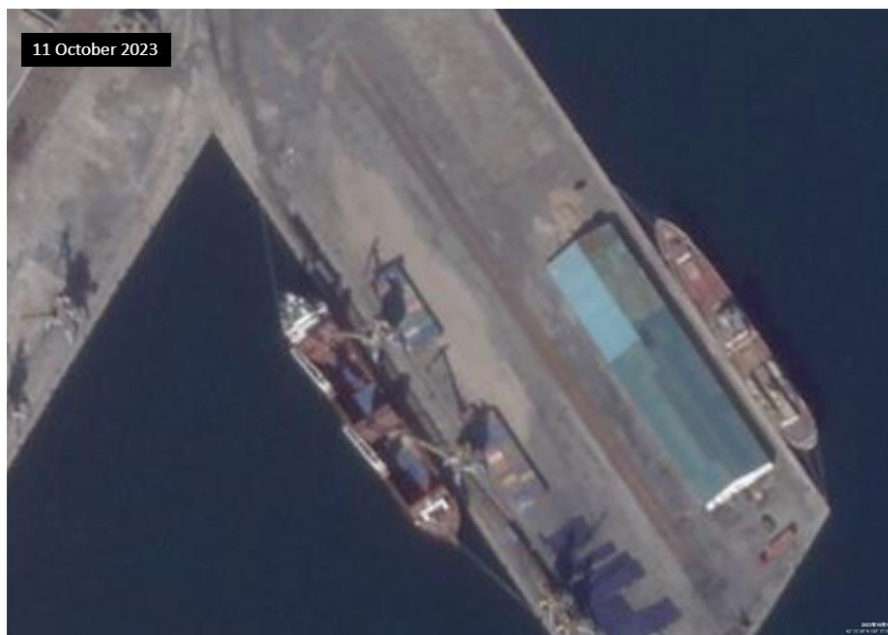
9 – 11 October: Containers are lined up and loaded onto the *Maria*. The changes to the alignment of the different-coloured containers demonstrates that loading is taking place on 11 October.



Source: Planet Labs.

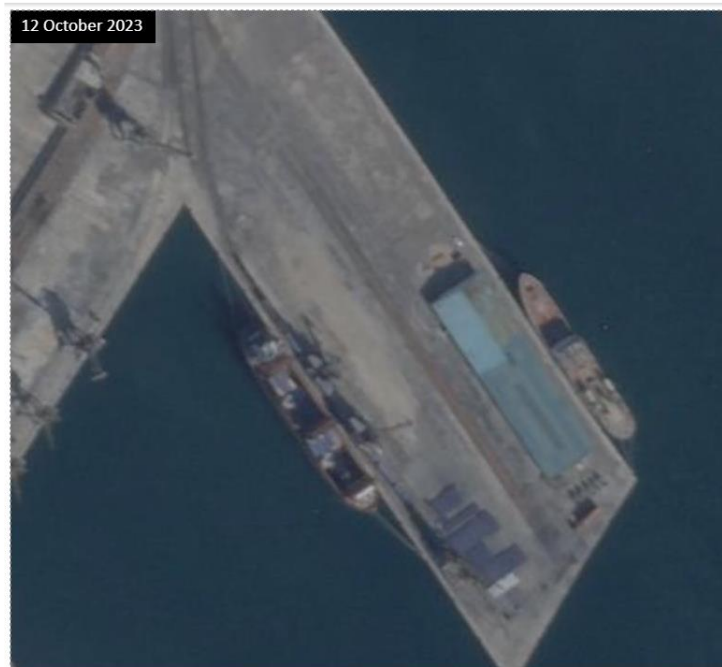
Figure 2.

11 October: Containers are loaded onto *Maria*



Source: Planet Labs.

12 October: All containers have been loaded onto *Maria*: None left on the pier.



Source: Planet Labs.

Figure 3.

Konyushkovo Bay, 14 October

Maria laden with containers moored alongside pier. There were no containers onshore prior to its arrival.



16 October: *Maria*'s cargo hull almost empty and containers stacked near main gate of facility



Annex 55: Railway line running north from Rajin station (see figure XIX in the main text)

The Panel noted in the body of this report that about 2.5km north of Rajin Station the railway line running north from Rajin Port enters a tunnel under a mountain (summit about 520m) and exits about 3.8km on the north side of the mountain. Satellite imagery of this mountain shows multiple entrances on the south side to probable underground sites. Available images indicate that the construction of these discrete entrances started before 2008.

While access to some of the entrances appear to be controlled by gates, there appear to be no stronger security measures, such as perimeter fences, around these entrances. The Panel notes, however, that there are L-shaped paths bordered by high reinforced walls in front of some of them, perhaps to conceal them, to constrain the flow of people or vehicles to the entrance to enable controls, and possibly to guard against an assault.

Annex 56: Media reports on the alleged DPRK arms and ammunitions found in Gaza Strip



Annotated image shows the likely DPRK-made F-7 rocket-propelled grenade launcher | Image: IDF Spokesperson, edited by Joost Olliemans



Annotated image shows the likely DPRK-made F-7 rocket-propelled grenade launcher | Image: Yoaz Vitun, YNet, edited by Joost Olliemans

Source: NK News, 13 October 2023,
accessed at <https://www.nknews.org/2023/10/apparent-north-korean-weapons-used-by-hamas-but-dprk-denies/>

Annex 57: Israel's reply to the Panel's enquiry

SENSITIVE/ FOR OFFICIAL USE ONLY

04 December 2023

Hamas has various AT systems, including North Korean weapon systems

1. Most of the existing AT weapon systems in the GS are indigenously produced "Al Yassin" PG-7 rockets; these rockets' are similar in appearance to the PG-7VR rockets. On October 7th 2023, during Hamas's infiltration into Israel, the operatives carried a large number of rockets of this type, differing in the main warhead type: PG-7VR with a double HEAT warhead (TANDEM); PG-7VR with a precursor warhead and a main thermobaric warhead. In addition, among the weapon systems were North Korean F-7 rockets (AP).
2. Furthermore, regarding ATGM systems, Hamas has a very limited amount of long range AT missiles, which are mostly used for operations viewed as high-quality. Apart from the KORNET system, which is the main threat to IDF in the AT systems realm, Hamas has dozens of missiles of the North Korean PHOENIX system.
3. The Annex shows the technical specifications of the North Korean AT weapon systems held by Hamas.

For your information.



SENSITIVE/ FOR OFFICIAL USE ONLY

F-7	
Diameter (mm)	85
Launcher marking	RPG-7 or TYPE-68/TYPE-68-1
Fuse type	Inertial
Rocket type	HE-FRAG (AP)
Rocket weight (kg)	3
HE types	TNT
Firing configuration	Direct / high-trajectory
Effective range (m)	200
Maximum range (m)	500
Warhead effectiveness radius (m)	10



Fig. 1: F-7

SENSITIVE/ FOR OFFICIAL USE ONLY

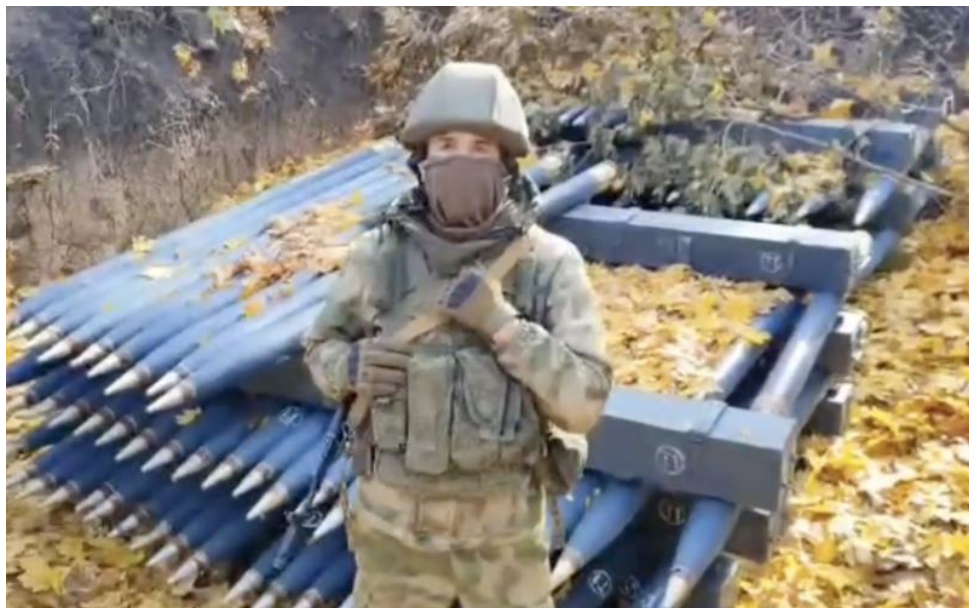
PHOENIX	
Guidance system	2 nd Generation laser beam riding
Maximum effective range (m)	3,000
Average flight velocity (m/s)	214
Penetration capability (mm)	600
Warhead type	HEAT
Missile weight (kg)	13
Launcher weight (kg)	22



Fig. 2: PHOENIX used by Hamas

SENSITIVE/ FOR OFFICIAL USE ONLY

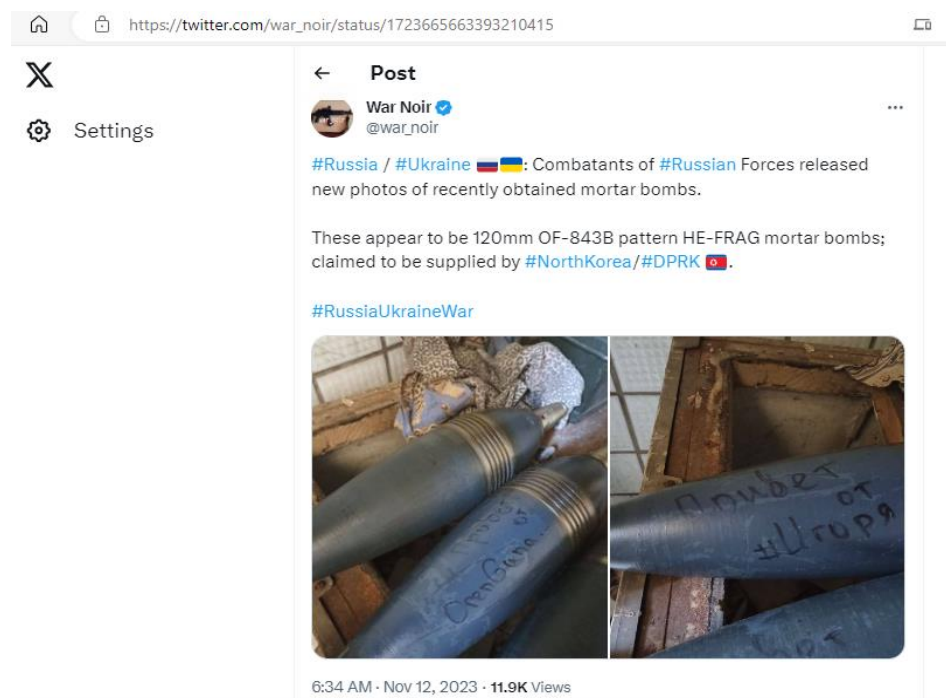
Annex 58: Media reports on the alleged DPRK arms supply to the Russian Federation



Russian soldier saying “North-Korean friends” supplies 122mm rockets, having better precision and firing range than Russia’s. Screenshot from a Twitter [video](#).

Source:

<https://euromaidanpress.com/2023/11/12/north-korea-supplies-russia-with-full-range-of-artillery-ammo-including-gun-and-mortar-shells-rockets/>



Source:

twitter.com/war_noir/status/1718270637079195908

← Post



War Noir
@war_noir

...

[#Russia](#) / [#Ukraine](#) 🇷🇺🇺🇦: Fighters of [#Russian](#) Forces released new photos of rare artillery ammunition used by the unit:

152mm HE-FRAG projectiles with NDT-3 charges.
These were made by [#NorthKorea](#) ([#DPRK](#)) 🇰🇵 in 2007 and supplied to the Russia recently.

[#UkraineRussiaWar](#)



10:16 AM · Oct 28, 2023 · 20.6K Views

Source: https://twitter.com/war_noir/status/1723665663393210415

Annex 59: List of DPRK Cyberthreat actors' malicious activities monitored by the Panel in 2023, based on the information provided by cybersecurity companies, Member States, and media

DPRK cyber actor	Report Name	Case Summary	Publication Month
Kimsuky	Malware Disguised as a Manuscript Solicitation Letter (Targeting Security-Related Workers)	Kimsuky distributed document-type malware targeting security experts, which uses an external object within a Word document to execute an additional malicious macro (template Injection method).	January
TA444 (Overlaps with BlueNoroff)	ta444-apt-startup-aimed-at-your-funds	A TA444 Command and Control (C2) domain sent phishing emails to targets in the U.S. and Canada including education, government, healthcare, and finance verticals. The lure emails enticed users to click a 'SendGrid URL' which redirected victims to a credential harvesting page. This was reportedly a deviation from previous TA444 operations which typically involved the direct deployment of malware.	January
Lazarus Group	疑似 APT-C-26 (Lazarus) 组织通过加密货币钱包推广信息进行攻击活动分析	Lazarus Group conducted an attack delivering malicious ISO files with the theme of cryptocurrency wallet promotion (Somora)	January
Kimsuky	Malware Disguised as Normal Documents (Kimsuky)	Same tactics used as in Malware Disguised as a Manuscript Solicitation Letter (Targeting Security-Related Workers) ; in this case, the threat actor used an image that prompts users to execute the macro.	February
Lazarus Group	Anti-Forensic Techniques Used By Lazarus Group	The Lazarus Group carried out anti-forensics to conceal their malicious activities. They transmitted a configuration file with C2 information and a PE file that communicates with the C2 server in encrypted forms to evade detection by security products. The encrypted files operate after being decrypted onto the memory by the loader file. They then receive additional files from the C2 and perform malicious actions.	February
Lazarus Group	no-pineapple-dprk-targeting-of-medical-research-and-technology-sector	The Lazarus Group targeted a manufacturer of technology used in energy, research, defense, and healthcare verticals, and the chemical engineering department of a research university between May and November 2022. The actors attacked an unnamed company that was	February

		exploited through CVE-2022-27925 and CVE-2022-37042, two bugs affecting the digital collaboration platform 'Zimbra'. The attackers used the bugs to gain access to the 'Zimbra' mail server, exfiltrating the contents of mailboxes, moved laterally to another vulnerable device on the same network and used malware to eventually steal 100GB of data.	
ScarCruft	APT43: North Korean Group Uses Cybercrime to Fund Espionage Operations	ScarCruft has been observed using tools previously associated with other subordinate adversarial syndicates within RGB, such as the Lazarus Group. Attack chains mounted by ScarCruft involve spear-phishing emails containing tailored lures to entice victims. These messages are sent using spoofed and fraudulent personas that masquerade as key individuals within the target's area of expertise to gain their trust. ScarCruft also takes advantage of contact lists stolen from compromised individuals to identify more targets and steal cryptocurrency to fund its attack infrastructure. The stolen digital assets are then laundered using hash rental and cloud mining services to obscure the forensic trail and convert them into clean cryptocurrency.	March
Kimsuky	CHM Malware Disguised as North Korea-related Questionnaire (Kimsuky)	Kimsuky distributed a CHM file as an email attachment, purporting to be an interview request about the DPRK. Once the recipient accepts the interview request, a password-protected compressed file is sent as an attachment.	March
Kimsuky	OneNote Malware Disguised as Compensation Form (Kimsuky)	Kimsuky distributed OneNote malware disguised as a form related to compensation. Once a user clicks on the script, the malicious VBS file is created and executed under the filename personal.vbs in a temporary directory to steal user information.	March
Kimsuky	Kimsuky Group Distributes Malware Disguised as Profile Template (GitHub)	Kimsuky distributed a malicious Word file disguised as a profile template from emails impersonating a well-known professor. A malicious VBA macro is contained within the Word file; upon being activated, it connects to a C2 server via PowerShell before downloading and executing an additional script that uses the GitHub API to transmit user information to a specified repository.	March

Kimsuky	Kimsuky Group Uses ADS to Conceal Malware	Kimsuky used Alternate Data Stream (ADS) to hide their malware, an Infostealer that collects data by starting the VBScript included inside an HTML file.	March
Lazarus Group	CrowdStrike Prevents 3CXDesktopApp Intrusion Campaign	The Lazarus Group compromised 3CX's desktop applications for Windows and MacOS and bundled them with malware, which led customers of 3CX to inadvertently download malicious versions of the software and allowed the attackers to run arbitrary code on all machines where the software was installed.	March
Kimsuky	apt43-north-korea-cybercrime-espionage	Kimsuky carried out spear-phishing attacks containing tailored lures to entice victim, using spoofed and fraudulent personas that masquerade as key individuals withing the target's areas of expertise to gain their trust. Kimsuky also took advantage of contact lists stolen from compromised individuals to identify more targets and steal cryptocurrency to fund its attack infrastructure. The stolen digital assets are then laundered using hash rental and cloud mining services to obscure the forensic trail and convert them into clean cryptocurrency.	March
BlueNoroff	bluenoroff-apt-targets-macos-rustbucket-malware/	BlueNoroff targeted macOS with 'RustBucket' malware to gather system information and to allow the attackers to perform various actions on the infected machines.	April
Lazarus Group	Linux malware strengthens links between Lazarus and the 3CX supply-chain attack	The Lazarus Group created a Linux payload with a bank-themed PDF lure.	April
Lazarus Group	Following the Lazarus group by tracking DeathNote campaign Securelist	In an October 2019 - March 2022 campaign, dubbed 'DeathNote', the Lazarus Group used social engineering lures mimicking cryptocurrency businesses and defense contractors to trick victims into interacting with macro-laced Word attachments and PDF files. When the victims opened the file, the macro installed an obfuscated VBScript that extracted payloads in the form of harmful UltraVNC with backdoor capabilities that evade detection and establish a connection to a separate C2 server.	April

Kimsuky	Kimsuky Group's Phishing Attacks Targeting North Korea-Related Personnel	Kimsuky created a webmail website that looks identical to certain national policy research institutes in the Republic of Korea to target DPRK-related business managers. When the user attempts to log into the webmail website, Kimsuky was able to harvest their account credentials.	May
Kimsuky	Kimsuky Group Using Meterpreter to Attack Web Servers	Kimsuky attacked a Windows IIS web server of a Republic of Korea construction company and executed a Powershell command that downloaded a malicious backdoor “img.dat” file, also known as Metasploit Meterpreter.	May
Lazarus Group	Lazarus Group Targeting Windows IIS Web Servers	The Lazarus Group attacked Windows IIS web servers through w3sp.exe. They placed a malicious DLL (msvcr100.dll) in the same folder as a normal application (Wordconv.exe) via the Windows IIS web server process, w3wp.exe. They then execute the normal application to initiate the execution of the malicious DLL.	May
Kimsuky	kimsuky-ongoing-campaign-using-tailored-reconnaissance-toolkit/	Kimsuky deployed a variant of the ‘RandomQuery’ malware via phishing emails to DPRK-focused information services, human rights activists, and DPRK defector support organizations. The Microsoft Compiled HTML Help (CHM) file attached to the phishing emails downloaded ‘RandomQuery’ from the Kimsuky-controlled C2 server to the victim’s system to collect system data.	May
Kimsuky	kimsuky-evolves-reconnaissance-capabilities-in-new-global-campaign/	Kimsuky waged a phishing campaign inviting exchanges on current geopolitical issues, to lure targets globally and deployed a new reconnaissance tool, ‘ReconShark,’ which collects sensitive data and bypasses security mechanisms. The ‘ReconShark’ malware was activated when the target opened a downloaded document and enabled macros. ‘ReconShark’ stole data from infected systems, such as endpoint detection and response (EDR) mechanisms and sent the stolen data to a C2 server via Windows Management Instrumentation (WMI).	May
DPRK cyber actors (suspected Kimsuky)	https://www.police.go.kr/viewer/skin/doc.html?fn=d6c2795c-3930-44ab-970d-d2d7a14f9571.hwp&rs=/viewer/202305	The National Police Agency (NPA) of the Republic of Korea announced the results of its investigations into a breach of a network of Seoul National University Hospital by DPRK cyberthreat actors. The incidents occurred between May and June 2021 and resulted in data exposure for 831,000 individuals, most of whom	May

	(see S/2023/656 Annex 65)	were patients. The NPA attributed the attack to DPRK cyber actors based on the information, including the intrusion techniques, the IP addresses that have been independently linked to DPRK threat actors, the website registration details, and the use of specific vocabulary only used in the DPRK.	
BlueNoroff	North Korea-Aligned TAG-71 Spoofs Financial Institutions in Asia and US	BlueNoroff spoofed several financial institutions and venture capital firms in Japan, Vietnam, and the United States in late 2022 and early 2023. Previous reporting also found similar activity, with DPRK cyberthreat actors spoofing domains belonging to financial firms located in a number of countries, as well as popular cloud services used by a large number of enterprises.	May
Lazarus Group	APT-C-26 (Lazarus) 组织使用伪造 VNC 软件的攻击活动分析	Lazarus Group was identified using fake ComcastVNC malware to launch attacks, followed by BlindingCan malware to steal user information.	June
Kimsuky	Kimsuky Strikes Again New Social Engineering Campaign Aims to Steal Credentials and Gather Strategic Intelligence - SentinelOne	Kimsuky conducted a social engineering campaign targeting experts in DPRK issues to steal Google and subscription credentials of a reputable news and analysis service focusing on the DPRK, as well as deliver reconnaissance malware. Kimsuky also engaged in extensive email correspondence and used spoofed URLs, websites imitating legitimate web platforms and Office documents weaponized with the ReconShark malware. The activity indicates Kimsuky's growing dedication to social engineering and highlights the group's increasing interest in gathering strategic intelligence.	June
BlueNoroff	https://www.recordedfuture.com/north-korea-aligned-tag-71-spoofs-financial-institutions	BlueNoroff carried out malicious cyber threat activity spoofing several financial institutions and venture capital firms in Japan, Vietnam, and the U.S. in late 2022 and early 2023.	June
Lazarus/ Kimsuky	https://www.qianxin.com/threat/reportdetail?report_id=295 https://www.qianxin.com/threat/reportdetail?report_id=292	In the first half of 2023, the Lazarus Group was ranked 7 th in attacks targeting China (focused on government and finance) and controlled 6% of Chinese IP addresses and 9% of Chinese C2 servers. Kimsuky controlled 3% of Chinese IP addresses and 4% of Chinese C2 servers and was ranked 9 th in attacks targeting China (focused on government, media, education, and finance).	July
ScarCruft	Detecting Ongoing STARK#MULE Attack Campaign Targeting Victims Using US Military Document Lures - Securonix	ScarCruft lured victims using U.S. military-related documents to run malware staged from legitimate compromised Republic of Korea websites. The goal seems to have been to spark the recipient's curiosity enough to have them	July

		open the attached documents and inadvertently execute the contained malware.	
BlueNoroff	https://github.blog/2023-07-18-security-alert-social-engineering-campaign-targets-technology-industry-employees/#indicators	A recent DPRK social engineering campaign perpetrated by BlueNoroff targets the personal accounts of employees of technology firms, using a combination of repository invitations and malicious npm package dependencies. Many of these targeted accounts are connected to the blockchain, cryptocurrency, or online gambling sectors.	July
DPRK cyberthreat actor	https://www.mandiant.com/resources/blog/north-korea-supply-chain	The DPRK actors compromised a software service provider, JumpCloud, likely through a sophisticated spearphishing campaign.	July
Kimsuky	https://asec.ahnlab.com/ko/55646/	Malicious cyber actors believed to be Kimsuky are distributing malware disguised as cryptocurrency coin exchange and investment-related content. The malicious code is distributed in the form of executable files and word documents.	July
Kimsuky	Cyber attack confirmed to have been carried out by North Korea's 'Kimsuky' targeting ROK-US joint military exercises	The Gyeonggi Police Agency in the Republic of Korea, in coordination with the U.S., uncovered malicious cyberattacks by Kimsuky targeting the ROK-U.S. combined military exercise battle simulation center. Kimsuky carried out continuous spearphishing attacks on a ROK battle simulation company engaged in virtual war games and installed malicious code on the company's system in January 2023 by hijacking the email account of an administrative employee of the company. Then the actors sent malicious emails disguised as certificates of tax withheld to the employees dispatched to the ROK-U.S. combined military battle simulation center.	August
Lazarus Group	Lazarus Group exploits ManageEngine vulnerability to deploy QuiteRAT	Lazarus Group has been targeting internet backbone infrastructure and healthcare entities in Europe and the United States. The actors exploited a ManageEngine ServiceDesk vulnerability (CVE-2022-47966) five days after PoCs for the exploit were publicly disclosed to deliver and deploy a newer malware threat "QuiteRAT."	August

Lazarus	comrades-in-arms-north-korea-compromises-sanctioned-russian-missile-engineering-company/	The Lazarus Group compromised internal IT infrastructure of NPO Mashinostroyenia, a Russian defense sector company, likely between late 2021 and May 2022. A DLL file, an OpenCarrot Windows OS backdoor used by the Lazarus Group, was identified on multiple internal NPO Mash networks.	August
Lazarus Group	https://www.reversinglabs.com/blog/vmconnect-supply-chain-campaign-continues https://www.reversinglabs.com/blog/vmconnect-malicious-pypi-packages-imitate-popular-open-source-modules	A Lazarus Group supply chain campaign effected by posting dozens of malicious Python packages to an open-source Python software repository, which served as a distribution point for the malware. The packages reportedly mimicked popular open-source Python tools.	August
DPRK cyber actors	Active North Korean campaign targeting security researchers	In January 2021, a DPRK cyber actor campaign was publicly disclosed, in which they used 0-day exploits to target security researchers working on vulnerability research and development. Over the past two and a half years, the campaign has continued. Recently, DPRK cyber actors were found to likely be responsible for a new, similar campaign, with at least one actively exploited 0-day being used to target security researchers in the past several weeks. DPRK threat actors used social media sites like X (formerly Twitter) to build rapport with their targets. After initial contact via X, they moved to an encrypted messaging app such as Signal, WhatsApp or Wire. Once a relationship was developed with a targeted researcher, the threat actors sent a malicious file that contained at least one 0-day in a popular software package. Upon successful exploitation, the shellcode conducts a series of anti-virtual machine checks and then sends the collected information, along with a screenshot, back to an attacker-controlled command and control domain. The shellcode used in this exploit is constructed in a similar manner to shellcode observed in previous North Korean exploits.	September
ScarCruft	threat_intelligence_report_konniapt.pdf	In one campaign, ScarCruft sent spearphishing emails with an attached compressed file that hid a LNK file inside, targeting DPRK human rights groups and people active in the unification field in the Republic of Korea. In another campaign, ScarCruft hid a LNK file inside a compressed	September

		file, named 'securitymail.zip' and purporting to be a HTML web page file, which when opened prompted users to enter their passwords into a website purporting to be a bank secure login screen with the URL of "securitymail.html."	
DPRK cyber threat actors	http://english.chosun.com/site/data/html_dir/2023/09/07/2023090701108.html	DPRK hackers installed a backdoor and stole data, such as blueprints of super-mini satellite components, from Russian satellite company Sputnix OOO between January and March 2023.	September
ScarCruft	https://paper.seebug.org/3033/	ScarCruft was identified using the WinRAR vulnerability (CVE-2023-38831) to attack the cryptocurrency industry, a significant shift in the group's traditional targeting. ScarCruft used a malicious payload disguised as a wallet screenshot.	September
Lazarus Group	lazarus-luring-employees-trojanized-coding-challenges-case-spanish-aerospace-company/ Lazarus-campaigns-and-backdoors-in-2022-2023.pdf	In one campaign, the Lazarus Group attacked a Spanish aerospace company, deploying several tools. Including a publicly undocumented backdoor, and obtained initial access to the company's network in 2022 through a spearphishing campaign as a fake recruiter via LinkedIn. Similarly, the Lazarus Group attacked aerospace companies in the Netherlands in October 2021 and a defense company in Poland in February 2023 via its "Operation Dream Job" campaign.	September/ October
Lazarus/ Andariel	https://www.microsoft.com/en-us/security/blog/2023/10/18/multiple-north-korean-threat-actors-exploiting-the-teamcity-cve-2023-42793-vulnerability/ https://www.microsoft.com/en-us/security/blog/2023/11/22/diamond-sleet-supply-chain-compromise-distributes-a-modified-cyberlink-installer/	The Lazarus Group and Andariel exploited a remote-code execution vulnerability (CVE-2023-42793) affecting the JetBrains TeamCity server, an application used for software development.	September/ October
All DPRK malicious cyber groups	north-korea-cyber-structure-alignment-2023	DPRK's offensive cyber program continues to evolve, showing that the DPRK government is determined to continue using cyber intrusions to conduct both espionage and financial crime to project power and to finance both their cyber and kinetic capabilities. DPRK threat activity continues to adapt and change to build tailored	October

		malware for different platforms, including Linux and macOS.	
Lazarus/ Andariel/ BlueNoroff	security-insider/microsoft-digital-defense-report-2023?rtc=1	DPRK cyber threat actors pursue cyber operations to collect intelligence on the policy plans of their adversaries, gather intelligence about other countries' military capabilities to improve their own, and steal cryptocurrency to fund the state.	October
Lazarus Group	Lazarus Group's Operation Dream Magic - ASEC BLOG (ahnlab.com) 국정원 “北 보안인증 소프트웨어 ‘매직라인’ 취약점 악용 해킹” 재경고 동아일보 (donga.com)	The Lazarus Group exploited vulnerable Republic of Korea websites with C2 to facilitate their attacks and implemented IP filtering for selective targeting, using the MagicLine program vulnerability. The National Intelligence Service of the Republic of Korea confirmed in November 2023 that the Lazarus Group attacked approximately 50 public institutions, media, defense companies, and IT companies in the Republic of Korea in June 2023.	October/ November
Kimsuky	https://medium.com/s2w-blog/fastviewer-variant-merged-with-fastspy-and-disguised-as-a-legitimate-mobile-application-f3004588f95c	Kimsuky has created a FastViewer variant that induces a victim to install the app onto their mobile device by disguising the malware as a legitimate Android application (APK file), such as Google Authenticator, an anti-virus program, or a payment service application. The FastViewer malware receives commands directly from the server without downloading additional malware, and the main purpose of this FastViewer variant is to steal information from infected devices. It appears that Kimsuky has developed this malware since at least July 2023 to target Republic of Korea victims. The report further notes that the disguised applications are expected to be distributed via spearphishing emails or smishing to trick targets into running them.(Annex 59.1)	October
Lazarus	https://www.hauri.co.kr/security/security.html	The Lazarus Group created malware by modifying open source software (such as PuTTY, KiTTY, TightVNC, Sumatra PDF Reader, muPDF/Subliminal Recording) and have also pretended to be recruiters on LinkedIn in order to target victims with malware. The actors likely intend at least some of this malware to target the cryptocurrency.	October
DPRK cyberthreat actor	국정원 “北, 김정은 군함 건조 지시에 국내 조선사 해킹 시도” (chosun.com)	DPRK cyberthreat actors conducted multiple hacking attempts on shipbuilders in the Republic of Korea in August and September 2023 to steal information that could be used to strengthen the DPRK's naval military power.	October

DPRK cyberthreat actors	N. Korea tries to use artificial intelligence to write malicious software: U.S. official Yonhap News Agency (yna.co.kr)	According to a Member State, DPRK cyber actors have been observed trying to use AI models to help accelerate writing malicious software and finding systems to exploit.	October
Lazarus Group	https://www.elastic.co/security-labs/elastic-catches-dprk-passing-out-kandykorn	A novel DPRK intrusion has been identified on a macOS system that targets blockchain engineers of a crypto exchange platform, lures them with a Python application to gain initial access, and deploys multiple complex stages of the attack, each with deliberate defensive evasion techniques.	October
Lazarus Group	APT trends report Q3 2023 Securelist	The Lazarus Group targeted nuclear engineers and the defense industry, including manufacturers of radar system, unmanned aerial vehicles, military vehicles, ships, weaponry and maritime companies. The Lazarus Group obtained system access by manipulating job seekers on social media and messaging services, including Telegram and WhatsApp, into opening malicious apps for fake job interviews, using backdoored VNC apps and malware such as LPEClient and COPPERHEDGE.	October
Lazarus Group	A Cascade of Compromise: Kaspersky Exposes Lazarus' New Campaign Exploiting Legitimate Software Kaspersky	The Lazarus Group carried out a persistent campaign to compromise a software vender with the likely objective of stealing valuable source code or tampering with the software supply chain, along with targeting of other software makers and attacks on victims targeted through a supply chain attack of security software. The actors deployed SIGNBT and LPEClient.	October
Lazarus/Andariel	https://twitter.com/MsftSecIntel/status/1722316019920728437	Lazarus/Andariel exploited CVE-2023-42793, a remote code execution vulnerability affecting multiple versions of the JetBrains TeamCity server and utilized different sets of tools and techniques.	November
DPRK cyber actors	보도자료 : HOME > 알림/소식 > 알림 > 보도자료 (police.go.kr)	The National Police Agency of the Republic of Korea found that DPRK cyber actors stole login information from 1,468 individuals between March and October 2023, including 57 incumbent or retired government officials in diplomacy, military, and national security. The DPRK actors attempted to steal virtual assets from 19 of the victims utilizing pilfered account credentials and engaged in cryptocurrency mining on 147 proxy servers they seized.	November
BlueNoroff	Microsoft: BlueNoroff hackers plan new crypto-theft attacks	BlueNoroff created new websites masquerading as skills assessment portals and targeted users on LinkedIn, enticing them with deceptive lures	November

		related to a skills assessment which allowed BlueNoroff to harvest victims' information.	
Lazarus	Diamond Sleet supply chain compromise distributes a modified CyberLink installer Microsoft Security Blog	Lazarus modified a legitimate CyberLink application installer, hosted on legitimate CyberLink infrastructure and signed using a legitimate CyberLink certificate, to include malicious code. The malicious activity has impacted over 100 devices in multiple jurisdictions, including a number of countries in East Asia and North America.	November
ScarCruft	konni-campaign-distributed-via-malicious-document	ScarCruft deployed a Russian-language Word document equipped with a malicious macro, which when opened initiated VBA script that displays an article in Russian on the war in Ukraine. This campaign aims to extract information and execute commands on compromised devices.	November
BlueNoroff	bluenoroff-strikes-again-with-new-macos-malware/	A new later-stage malware variant from BlueNoroff was discovered. BlueNoroff reached out to a target claiming to be interested in partnering with or offering something beneficial under the guise of an investor or head hunter.	November
Lazarus Group	https://rt-solar.ru/events/news/3851/	The Lazarus Group was very active in the Russian Federation, attacking Russian government authorities. As of early November 2023, Lazarus Group hackers "still have access to a number of Russian systems."	November
Kimsuky	[Kimsuky] Operation Covert Stalker - ASEC BLOG (ahnlab.com)	Kimsuky distributed malware to the DPRK and foreign policy experts in the Republic of Korea over the previous 17 months. Kimsuky sent fake emails containing malicious links to these experts and hacks vulnerable websites to install remote management programs such as RDP Wrapper, Quasar RAT, Ammy RAT, AnyDesk, and/or Team Viewer in order to steal email accounts and/or information from the experts.	November
DPRK cyber actors	https://asec.ahnlab.com/ko/58818/	DPRK cyber actors distributed malware (*.lnk) to experts on foreign policy and unification in the Republic of Korea via fake secure mail (HTML).	November
Andariel	https://asec.ahnlab.com/en/59073/	Andariel distributed malware using a specific asset management program, which installed TigerRAT, NukeSped variants, BlackRAT, and Lilith RAT.	November
Andariel	https://asec.ahnlab.com/ko/59130/	Andariel exploited Apache ActiveMQ remote code execution vulnerability (CVE-2023-46604).	November

	https://asec.ahnlab.com/en/59318/		
Kimsuky	수입 신고서를 위장하여 국내 연구 기관을 노리는 Kimsuky	Kimsuky attacked research institutes in the Republic of Korea, distributing malicious JSE files disguised as realistic-looking import declarations, which installed a backdoor that the Kimsuky actors could later use to steal information.	November
DPRK cyberthreat actors, including Lazarus	https://medium.com/check-marx-security/how-north-korea-is-compromising-supply-chains-df1532b29a49	DPRK cyber actors posed as employers to lure software developers, many linked to the cryptocurrency industry, into installing malware hosted on a GitHub repository through a job interview process.	November
Kimsuky	HWP 문서 내부에 악성 OLE 삽입 공격 FlowerPower APT 캠페인 Github C2 사용	Kimsuky distributed malware disguised as an interview invitation, where the actors attached malicious OLE (Object Linking and Embedding) in a hwp file with the FlowerPower tool.	November
DPRK cyber actors	https://unit42.paloaltonetworks.com/two-campaigns-by-north-korea-bad-actors-target-job-hunters	DPRK cyber actors pose as employers, utilizing advertisements on job search platforms and potentially email, social media, or chat platforms, to lure software developers into installing malware (hosted on Github) through the interview process, providing the DPRK actors opportunity to steal intellectual property, funds, and/or other information. The investigation also identified two new malware families, BeaverTail and InvisibleFerret.	November
Lazarus Group	https://www.koreaherald.com/view.php?ud=20231201000614	The Lazarus Group hacked into the computer network of the Republic of Korea judiciary and stole electronic information, including trial records and lawsuit documents, amounting to up to hundreds of gigabytes.	December
Lazarus Group	疑似 Lazarus (APT-Q-1) 涉及 npm 包供应链的攻击样本分析	A batch of Lazarus Group downloader samples was recently discovered, which are loaded through multiple layers of nested PE files and ultimately download a payload from a C2 server and execute it. Of note, one of the C2 server IP addresses was used by the Lazarus Group in a software supply chain attack, in which the malware was delivered disguised as an encryption-related npm package. Several of the C2 addresses identified appear to be linked to the cryptocurrency industry.	December
Kimsuky	Kimsuky Group Uses AutoIt to Create Malware (RftRAT, Amadey)	Kimsuky continues to deploy LNK-type malware, installing remote control malware to control the infected system after gaining initial access. Malware used by the Kimsuky group not only include custom-made such as AppleSeed and PebbleDash, but also open-source or commercial malware such as XRat, HVNC,	December

		Amadey, and Metasploit Meterpreter. After gaining control, Kimsuky ultimately uses RDP or installs Google's Chrome Remote Desktop to exfiltrate information from the infected system. Amadey and RftRAT were constantly used throughout 2023 alongside XRat. However, recent types showed that they were created with AutoIt. Infostealers were additionally installed by the Kimsuky group using remote control malware. While remote control-type malware used by Kimsuky has continuously changed, the malware installed through these have not changed much in the attacks in 2023.	
BlueNoroff	bluenoroff-methods-bypass-motw/108383/	New BlueNoroff malware was identified inside a ZIP archive that contained a PDF file named "Crypto-assets and their risks for financial stability."	December
Kimsuky	https://asec.ahnlab.com/en/60054/	Kimsuky continues to carry out spearphishing attacks in which the actors distribute malware (AppleSeed, developed with the Go language) disguised as JavaScript. Kimsuky also conducts C2communication via ChromeDP.	December
Lazarus Group	https://mp.weixin.qq.com/s/f5YE12w3x3wad5EO0EB53Q https://blog.phylum.io/crypt-to-themed-npm-packages-found-delivering-stealthy-malware/	Lazarus Group published multiple malicious packages on a repository for the JavaScript programming language, npm package manager.	December
Kimsuky	북한 시장 물가 분석 문서 등으로 위장된 공격 사례 (genians.co.kr)	Kimsuky continues to attack via malware (OLE) disguised as HWP and HWPX files, which are widely used in the Republic of Korea. Kimsuky also utilized LNK, DOCX, and XLSX files in an attempt to increase the effectiveness of its attacks.	December
Andariel	https://www.koreatimes.co.kr/www/nation/2023/12/103_364423.html	Andariel attacked multiple telecommunications companies, research institutions, universities, IT and defense industry and financial companies in the Republic of Korea and stole 1.2TB of information, including sensitive data on surface-to-air laser weapon system.	December

Lazarus	Operation Blacksmith: Lazarus targets organizations worldwide using novel Telegram-based malware written in DLang	The Lazarus Group has employed at least three new DLang-based malware families, including two RATs, one of which uses Telegram bots and channels for C2. The Lazarus Group used these malware families in 2023 to attack global enterprises, such as manufacturing, agricultural and physical security companies, continuing to target infrastructure through n-day exploits such as Log4j on publicly facing VMWare Horizon servers.	December
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Source: Cybersecurity companies' reports, Member States, and media reports

*The Panel would like to note that this is not an exhaustive list of cases, but rather cases of interest.

Annex 59.1: Additional information on Kimsuky

According to a cybersecurity company, the IP address of the Kimsuky server hosting this malware is 144.76.109.61 and the IP address of another, related server hosting the Kimsuky-controlled domain civilarys[.]store is 27.255.81.77. Kimsuky-related email accounts associated with this campaign include luckgpu[.]gmail.com and abdulsamee7561[.]gmail.com. The malicious applications were likely distributed via spearphishing or smishing.

Source : A cyber security company

Annex 60: ROK – UK Joint Cyber Security Advisory (23 November 2023)

DPRK state-linked cyber actors conduct software supply chain attacks

Overview

The National Intelligence Service (NIS) of the Republic of Korea (ROK) and the National Cyber Security Centre (NCSC) of the United Kingdom (UK) have identified Democratic People's Republic of Korea (DPRK) state-linked cyber actors targeting software supply chain products, widely used by government organisations, financial institutions and defence industry companies globally.

The NIS and the NCSC are releasing this joint Cybersecurity Advisory (CSA) to help prevent compromise and raise public awareness. It includes DPRK state-linked cyber actors' tactics, techniques and procedures (TTPs) used in their global supply chain attacks, as well as preventative measures to help avoid such attacks.

Further Details

In recent years, supply chain attacks from DPRK state-linked cyber actors have steadily increased in volume and have become more sophisticated. The malicious actors utilise tactics including zero-day attacks and multiple exploits to attack software supply chain products, used by a number of international organisations.



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The NIS and the NCSC consider these supply chain attacks to align and considerably assist with the fulfilment of wider DPRK state priorities. This includes revenue generation and espionage, with the theft of advanced technologies across a range of sectors, including but not limited to defence.

Supply chain attacks are a highly effective means of compromising numerous well-protected, high-profile targets. Several elements of the supply chain have proved susceptible to compromise, including software vendors, managed service providers and cloud providers. From here, an actor can indiscriminately target a number of organisations and users, and their attacks can be expanded or shifted to a ransomware attack to demand money or cause a system disruption.

It can be hard to detect these attacks as the actors are using legitimate software and hardware.

With the level of the threat likely to increase, organisations should establish and put in place relevant security measures to safely manage the security of the products and to build resilience to attacks.



Technical Details

For software supply chain attacks, DPRK state-linked cyber actors have used zero-day exploits and newly published vulnerabilities and tools, as well as exploited multiple vulnerabilities in series, to precisely attack a specific target.

Below are recent supply chain attacks conducted by DPRK-based actors, detailing their attack flow and *modi operandi*.

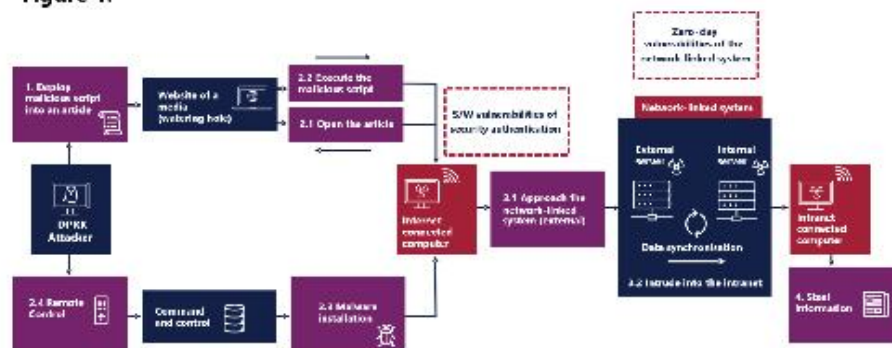
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Attacks on various supply chain products, using zero-day vulnerabilities:

In March 2023, cyber actors used the software vulnerabilities of security authentication and network-linked systems in series to gain unauthorised access to the intranet of a target organisation. It used a software vulnerability of the MagicLine4NX security authentication program for the initial intrusion into an internet-connected computer of the target, and exploited a zero-day vulnerability of the network-linked system to move laterally and gain unauthorised access to information.

The attack flow below shows the procedure of serial complex attacks on two supply chain products:

Figure 1.



Attack Flow:

1. The cyber actors compromised the website of a media outlet, deployed malicious scripts into an article and created a watering hole. The malicious scripts were implemented to work when certain IP ranges were connected.
2. When victims opened the infected article from an internet-connected computer,

A horizontal banner with a dark blue background. On the left, the text "JOINT CYBER SECURITY ADVISORY" is displayed in white and yellow. The background features abstract digital patterns, including glowing blue lines and dots, suggesting a network or data flow.

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which was installed with the vulnerable security authentication software, the vulnerable software executed the malicious code. The victim computer then connected to the command and control (C2), and the attackers used the C2 to achieve remote control over the infected computer.

3. The actors were able to access an internet-side server from an internet-connected PC without permission through a network-linked system vulnerability, and exploit the data synchronisation function of the network-linked system to spread malicious code to the business side server. The actors then compromised the business PC with malicious code to steal information.
4. Malicious code installed on the business PC had two C2 servers, the first of which was the business side server of the network-linked system, which acts as a gateway in the middle, while the second C2 is located on the external internet. This malicious code was able to exfiltrate initial beacon data and download and execute encrypted payloads. The malicious code then attempted to move from the internal server of the network-linked solution to the external server to send the initial beacon to the C2 server, but was blocked by the security policy of the solution. If it hadn't been blocked, large amounts of information stored in the internal network could have been leaked.

See the IoC section for C2 server, MD5 hashes, encryption algorithms, and file certificates. Further detailed information on the security authentication software attack can be found on the [English](#) and [Korean](#) language blogs by Ahnlab.

A banner with a dark blue background featuring a network of glowing blue nodes and lines. The text "JOINT CYBER SECURITY ADVISORY" is displayed in white and yellow capital letters on the left side.

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Summary and Preventative Measures

The cyber actors initially employed a watering-hole attack to secure target groups, and conducted additional attacks on specific targets. The compromise of one supply chain led to the infection of another supply chain, which was a targeted attack against a specific target. The malicious actors used highly sophisticated modus operandi by exploiting an undisclosed vulnerability of the network-linked system and a legitimate function for intrusion into the intranet.

System owners should check whether a vulnerable version of software is on the list of installed programs, and update the software to the latest version.

MagicLine4NX 1.0.0.1 ~ 1.0.0.26 were vulnerable.

Organisations should make sure they control access to the administrator page of the network-linked system, and identify any unauthorised services or communications.

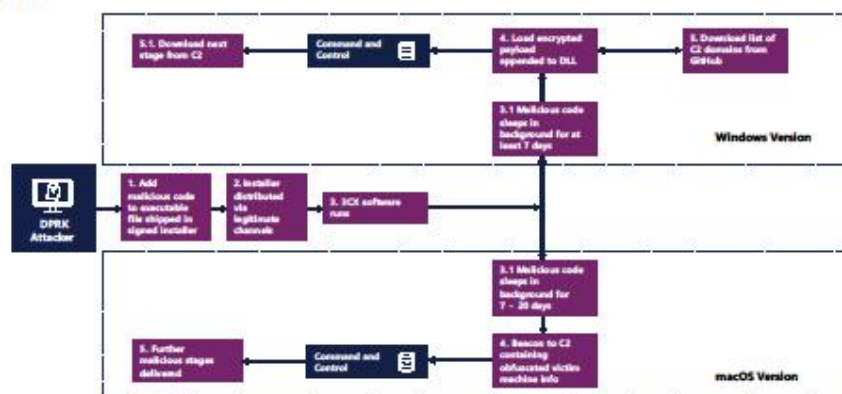
Further detailed information about how to check the vulnerable version can be found on the [ROK NCSC website](#).

The compromise of 3CX

In March 2023, it was widely reported by both [SentinelOne](#) and [Sophos](#) that the Desktop App software distributed by 3CX had been compromised and contained malware affecting both macOS and Windows operating systems. This constituted a significant global supply chain attack. The security incident was later confirmed by [3CX](#).



Figure 2.

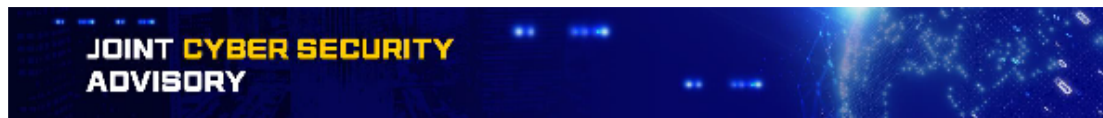


In June 2023 the UK NCSC published a [malware analysis report](#) on the macOS malware used in the 3CX supply chain attack, named Smooth Operator

Attack Flow Windows version

1. The cyber actors added malicious code to an executable file that shipped within a signed installer for 3CX software.
2. The application was distributed to customers via legitimate channels. It is now known that the cyber actors had compromised the 3CX network and therefore were in a position to compromise the build process of the 3CX software.
3. When the 3CX software was run, the malicious code would sleep in the background for at least 7 days and the 3CX software would continue to run as normal.
4. After the sleep period, the malicious code loaded an encrypted payload which is





appended to a DLL also packaged within the 3CX software.

5. This payload is responsible for downloading a list of actor-controlled C2 domains from a GitHub repository, then reaching out to one of them to download the next stage.

The only observed onward stage was a browser stealer, which would extract and exfiltrate basic victim system data, victim 3CX account information and browser history from the Brave, Chrome, Edge and Firefox browsers.

Further detailed information on the Windows attack can be found in the industry from [ESET](#) and [Sophos](#).

Attack Flow macOS version

1. The cyber actors added malicious code to an executable file that shipped within the signed and notarised 3CX application.
2. The application was distributed to customers via legitimate channels. It is now known that the cyber actors had compromised the 3CX network and were therefore in a position to compromise the build process of the 3CX software.
3. When the 3CX software was run, the malicious code slept in the background for between 7 and 20 days, while the 3CX software continued to run as normal.
4. After the sleep period, the malicious code beacons to an actor-controlled C2 server using a customised obfuscation method. The beacon contained basic victim machine information.





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5. The C2 server can deliver further malicious stages to be run by the victim machine, but the only observed additional stage collects 3CX account information from a configuration file on the victim machine and exfiltrates this to an actor-controlled C2 server.

Further detail about the macOS attack can be found in the [NCSC malware analysis report](#)

Summary and Preventative Measures

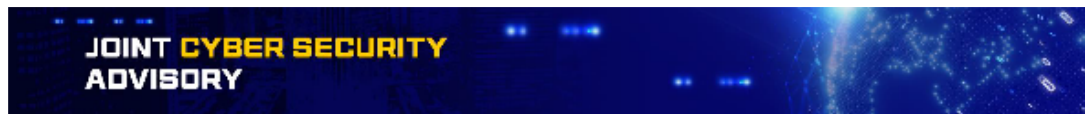
In April 2023 the NCSC published advice on its website regarding the [3CX Desktop App security issue](#).

The negative impact was limited because the malicious update was quickly detected by endpoint detection and response solutions.

This advisory encourages organisations to follow the advice published by the vendor to uninstall the software if you are running an affected version.

Mitigation

As supply chain attacks can happen at any scale and any point, a wide range of measures should be established. The NIS and the NCSC recommend implementing the mitigations below, relating to the supply chain life cycle, as well as management and technical security measures, to deter supply chain threats.



Management Security Measures

- Raise your organisation's awareness of supply chain cyber security, and promote understanding of the issue.
- Provide training on cyber security on a regular basis to help members of your organisation spot malicious tactics and attacks, and report them.
- Identify threats to your organisation's supply chain. Determine threat priorities, and assess impacts when malicious cyber activity occurs, in order to eliminate the blind spot.
- Check the access point to critical data and identify members and supply entities who have the authority to access to minimise access privileges.

Technical Security Measures

- Make sure you install security updates to maintain the most recent version of software, operating systems and anti-virus, to mitigate threats from known vulnerabilities.
- Adopt two-factor authentication for the administration and operation login policies, to prevent unauthorised logins from unauthorised users. The UK NCSC articles [Multi-factor authentication for online services](#) and [Device Security Guidance](#) provide relevant advice.
- Monitor network infrastructure so that traffic from supply chain software applications is trusted but any anomalous traffic can be detected.
- Refer to the following articles in order to mitigate security threats posed to the





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supply chain.

1. [Understand of Supply Chain Attack](#) by the ROK NCSC
2. [Assess Supply Chain Cyber Security](#) by the UK NCSC
3. [Principles of Supply Chain Security](#) by the UK NCSC
4. [Securing the Software Supply Chain: Recommended Practices for Software Bill of Materials Consumption](#) by the US CISA and NSA
5. [Cyber Supply Chain Risk Management \(C-SCRM\)](#) by the US NIST
6. [The Minimum Elements for a Software Bill of Materials \(SBOM\)](#) by the US NTIA

Reporting Incidents

If you suspect your organisation has been compromised:

Organisations in the ROK should contact the National Intelligence Service (NIS)
(<https://www.nis.go.kr>; Contact number 111)

Organisations in the UK should contact the National Cyber Security Centre (NCSC) via
- Report a Cyber Incident (<https://report.ncsc.gov.uk>)

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Indicators of Compromise (IoC)

Attacks on various supply chain products, using zero-day vulnerabilities

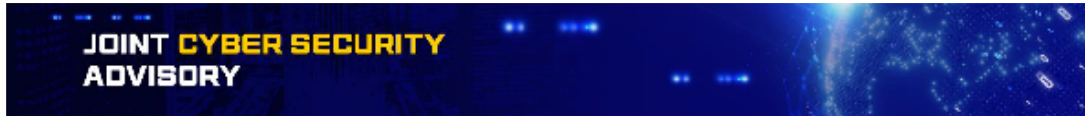
Section	IoC	Note
C2	[C2 URL]/search/sch-result3.asp	HTTPS communicaiton
Decryption key	0x0c2a351837454a2661026f162530361a394e1d143334	ChaCha20 Key1
	0x0102350423062f085c000e02	ChaCha20 Key2
MD5 hashes	316c088874a5dfb8b8c1c4b259329257	Downloader (SamsungDeviceControl.exe)
	33ca34605e8077047e30e764f5182df0	Downloader (SamsungDevicePanel.exe)
Rogue certificate	Samsung SDS Co., Ltd.	Entity
	0139981ad983bf73e9514d2d4237929e	Serial no.
	2022.12.13 ~ 2023.07.20	Start date to expiration date

The compromise of 3CX, macOS version

Section	IoC	Note
C2	https://msstorageazure[.]com/analysis	
	https://officestoragebox[.]com/api/biosync	
	https://visualstudiofactory[.]com/groupcore	
	https://azuredeploystore[.]com/cloud/images	
	https://msstorageboxes[.]com/xbox	
	https://officeaddons[.]com/quality	
	https://sourcelabs[.]com/status	
	https://zacharryblogs[.]com/xmlquery	
	https://pbxcloudeservices[.]com/network	

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	https://pbxphonenetwork[.]com/phone	
	https://akamaitechcloudservices[.]com/v2/fileapi	
	https://azureonlinestorage[.]com/google/storage	
	https://msedgepackageinfo[.]com/ms-webview	
	https://glcloudservice[.]com/v1/status	
	https://pbxsources[.]com/queue	
	https://sbmsa[.]wiki/blog/_insert	Exfiltration URL
	msstorageazure[.]com	
	officestoragebox[.]com	
	visualstudiofactory[.]com	
	azuredeploystore[.]com	
	msstorageboxes[.]com	
	officeaddons[.]com	
	sourceslabs[.]com	
	zacharryblogs[.]com	
	pbxcloudservices[.]com	
	pbxphonenetwork[.]com	
	akamaitechcloudservices[.]com	
	azureonlinestorage[.]com	
	msedgepackageinfo[.]com	
	glcloudservice[.]com	
	pbxsources[.]com	
	sbmsa[.]wiki	Exfiltration domain
Malicious Code (MD5)	d5101c3b86d973a848ab7ed79cd11e5a	3CX DMG
	660ea9b8205fbd2da59fef26ae5115c	3CX dylib, libffmpeg.dylib
	5faf36ca90f6406a78124f538a03387a	Smooth Operator second-stage payload, UpdateAgent



Malicious Code (SHA1)	3dc840d32ce86cebf657b17cef62814646ba8e98	3CX DMG
	769383fc65d1386dd141c960c9970114547da0c2	3CX dylib, libffmpeg.dylib
	9e9a5f8d86356796162cee881c843cde9eaedfb3	Smooth Operator second-stage payload, UpdateAgent
Malicious Code (SHA-256)	e6bbc33815b9f20b0cf832d7401dd893fbc467c800728b5891336706da0dbcec	3CX DMG
	a64fa9f1c76457ecc58402142a8728ce34ccba378c17318b3340083eeb7acc67	3CX dylib, libffmpeg.dylib
	6c121f2b2efa6592c2c22b29218157ec9e63f385e7a1d7425857d603ddef8c59	Smooth Operator second-stage payload, UpdateAgent
Etc.	.main_storage	Victim ID and sleep time file
	UpdateAgent	Second-stage payload



Source: National Intelligence Service website, [보도자료 상세 | 소식 · 정보 | NIS 국가정보원](#)

Annex 61: National Intelligence Service of the Republic of Korea Press Release on DPRK Cyberthreat Actors' Attacking Shipbuilding Companies in the Republic of Korea (August 2023)



국가정보원
NATIONAL INTELLIGENCE SERVICE

보도자료

Tel 02-3412-3412
2023. 10. 4

국정원, '북한의 조선업체 대상 해킹 확산' 주의 당부

- 북한, 해군 무력 강화 및 선박공업 발전을 중요 노선으로 제시
- 北 해킹조직의 국내 주요 조선社 대상 '수차례 해킹 시도 정황' 포착
- 업계 대상 '해킹 확산세 경고'·'불분명 이메일 열람 금지' 등 보안 강화 당부

국가정보원은 최근 북한이 해군 군사력 강화를 위해 우리 조선업체를 대상으로 집중적으로 해킹 공격을 벌이고 있다며, 관련 업계에 주의 당부에 나섰다.

국정원은 지난 8~9월간 北 해킹조직이 유수의 조선업체들을 상대로 공격을 시도한 사례를 여러 건 포착했다고 밝혔다.

北 해킹조직이 주로 사용한 해킹 수법은 △IT유지보수업체 PC를 접근, 우회 침투하거나 △내부직원 대상 피싱메일을 유포한 후 악성코드를 설치하는 것이었다.

국정원은 北 해킹조직들이 우리 조선업체를 집중 공격하는 것은 김정은의 중대형 군함 건조 지시 때문으로 판단하고, 앞으로도 北의 공격 주세는 지속될 것으로 내다보면서 주요 조선업체 및 선박 부품 제조업체 등 관련 기업 관계자들의 철저한 보안관리를 당부했다.

국정원은 현재 해당업체에 관련 사실을 통보하고 보안대책을 지원중에 있으며, 예상 공격 타깃인 주요 조선업체에도 자체 보안점검을 요청했다.

홈페이지 www.nis.go.kr

페이스북 www.facebook.com/National.Intelligence.Service

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DPRK cyber actors conducted multiple hacking attempts on shipbuilding companies in the Republic of Korea in August and September 2023. The attackers sought access to the companies' systems by compromising IT maintenance suppliers and/or through spearphishing.

The NIS assessed that Kim Jong Un's order to build medium-to-large military ships was behind such an intensive campaign, warning that the cyberattacks could continue.

세부적으로 ①업무망·인터넷망 분리 ②유지보수업체·고객사간 원격 접속용 프로그램 문제점 점검 ③불분명한 이메일·웹사이트 열람 금지 등을 제시하고, 국가 사이버안보센터(NCSC) 홈페이지에 게재된 예방법을 참고할 것을 덧붙였다.

| 예방법 참고자료




- 1** 「아무도 모르게 침입하는 악성코드」(카드뉴스)
 NCSC : https://www.ncsc.go.kr:4018/main/cop/bbs/selectBoardArticle.do?bbsId=Threat_main&nttId=65&pageIndex=1
- 2** 「일상 속 해킹메일 판별하고 대응하자」(카드뉴스)
 NCSC : https://www.ncsc.go.kr:4018/main/cop/bbs/selectBoardArticle.do?bbsId=Threat_main&nttId=59478&pageIndex=1
 NIS FACEBOOK : https://www.facebook.com/photo?fbid=656836796475931&set=pb.100064488505398.-2207520000&locale=ko_KR
- 3** 「취약한 원격접속 프로그램 사용조심!」(카드뉴스)
 NCSC : https://www.ncsc.go.kr:4018/main/cop/bbs/selectBoardArticle.do?bbsId=Threat_main&nttId=23009&pageIndex=1
 NIS FACEBOOK : https://www.facebook.com/photo.php?fbid=605589898267288&set=pb.100064488505398.-2207520000&type=3&locale=ko_KR

Source: https://www.nis.go.kr/CM/1_4/view.do?seq=250

Annex 62²³⁰: Seoul Metropolitan Police Agency of the Republic of Korea Press Release on Andariel's cyberhacking campaign in December 2023

국문

北 해킹조직'안다리엘'평양형 해킹공격으로 방산기술 탈취, 북한으로 컨설팅어 수익금 송금

- 대공무기 등 방산기술 관련 250여 개 파일 해킹당했으나, 피해조차 인지하지 못해 -
- FBI와 공조해, 해커의 교묘한 추적피해를 뚫고 北 해킹조직 안다리엘 소행임을 규명 -
- 컨설팅어를 불모로 한 범죄수익금 추적결과, 자금세탁 후 북한으로 유입 정황 포착 -

□ 서울경찰청 안보수사지원과(장단안보수사계는,

- 美 FBI와 공조해, 북한 해킹조직 '안다리엘'이 국내 방산업체 등을 해킹해 대공무기 등 중요 기술자료를 탈취하고, 컨설팅어 대가로 받은 비트코인을 외국인 여성 A씨의 계좌를 통해 자금세탁 후, 북한으로 송금한 정황까지 포착해 이에 대한 전방위적 수사를 진행하고 있다.
- 경찰은 '안다리엘'이 거점으로 사용한 국내 서버 및 가상자산거래소 압수수색, 자금에 흘러들간 외국인 여성 A씨 주거지 압수수색 및 휴대폰-노트북 디지털 포렌식 등 수십여 회 강제수사를 통해 더욱 치밀해진 北 해킹조직의 범죄수법을 밝혀내기 위해 다각적인 수사를 해왔다.
- 또한 국내-외 컨설팅어 피해업체 세 곳에 대해서는 컴퓨터 시스템 복구 대가로 4억 7천여만 원 상당의 비트코인을 강취했는데, 그 중 일부는 해외 가상자산 거래소를 거쳐 자금세탁 후, 북에 보내진 것으로 추정해 자금세탁에 관여한 것으로 의심되는 외국인 여성 A씨에 대해 수사를 확대해 나가고 있다.

□ 사건의 특징 및 시사점

1. 해킹 IP주소는 '조선민주주의인민공화국 평양 류경동'

- 北 해킹조직 안다리엘을 추적 중이던 美 FBI와 공조해, 해커가 사용한 구글 해킹 계정을 수사한 결과, 신원이 명확하지 않은 가입자에게도 서버를 임대해 주는 국내 서버임대업체를 이용해, 수시거의 추적에 피하고자 이를 경유한 서버로 3만여 개의 계정으로 활용하고 '22. 12월부터 '23. 3월까지 평양 류경동에서 총 83회 접속한 사실을 밝혀냈다.

* <류경동> 북한 최고층 건물인 류경호텔과 류경청주영체육관 등이 위치한 평양 시내 영사로 접하는 지역으로 국제통신국과 평양정보센터 등이 자리하고 있음

2. 가짜에 속출 세는데도, 보안사각에 노출된 피해업체는 해킹사실조차 인지치 못해

- 해킹 경유지로 사용된 국내 임대서버와 구글 등 국내-외 이메일(서버 사용자 계정을 압수수색하고, 서버 가입자 정보를 근거로 40여 회에 걸친 통신수사 결과, 방산업체, 연구소, 제약업체 등을 해킹해 OO대공무기 등 중요 기술자료 뿐만 아니라, 임대서버 사용자 계정의 아이디-비밀번호 등도 탈취한 것을 확인했다.

- 경찰은 중요한 기술과 자료가 담긴 것으로 추정되는 총 1.2TB 분량의 파일이 탈취한 피해사실을 밝혀내어, 해당 업체들에게 통보했으나 피해조차 인지하지 못한 곳이 있었으며, 일부는 가짜 신뢰도 허락을 무리해 경찰에 피해 신고를 하지 않은 경우도 있었다.

SMPA, in coordination with FBI, found that Andariel used loosely-monitored leased servers in the Republic of Korea and accessed multiple websites of ROK companies and institutions 83 times from Pyongyang's Ryugyong-dong district from December 2022 to March 2023.

According to the investigations on the leased servers and email accounts, as well as telecommunications, the cyber actors attacked the defense industry, research institutions, and pharmaceutical companies to steal sensitive information, including anti-air weapons information and personal account information.

²³⁰ One member of the Panel is of the view that the information in this annex should be further corroborated.

3. 랜섬웨어** 몸값으로 받은 비트코인 행적수색금의 자금세탁 경로 규명

또한, 안다리엘이 유보한 랜섬웨어의 몸값으로 피해업체가 지불한 비트코인의 자금 흐름에 대해서도 덧붙여, 바이낸스 등 국내·외 거래소 거래내역을 입수해 분석한 결과, 강원도 비트코인 중 일부가 외국인 여성 A씨***의 계좌를 거쳐 중국 요녕성에 소재한 중국 K은행으로 약 63만 위안(1억 천만 원 상당)이 송금됐고, 이 돈이 북·중 접경지역에 위치한 K은행 자점에 서 출금된 것으로 보여 경찰은 해당 자금이 북한으로 흘러 들어간 것으로 추정하고 있다.

A씨에 A씨를 피의자로 입건하고 금융계좌, 휴대전화, 주거지 등에 대해 동시다발적으로 입수수색을 진행해 5만여 건의 파일을 압수, 안다리엘의 자금세탁에 관여했는지 여부에 대해 심층 조사 중에 있다.

** <랜섬웨어> 컴퓨터 시스템을 잠금시킨 후, 이를 언잠금으로 하기 위해 몸값을 요구해 돈 몸값을 내라는 것

*** <A씨 진술> 과거 동광 소재 원전업체 직원으로 근무시, 편의상 본인계좌를 거래해 제공해준 것일 뿐이라며 연루 여부 등 혐의를 부인하고 있음

□ 피해 예방 조치 및 향후 계획

- 서울경찰청 정보수사지원과는 이번 사건에서 확인된 해외 공격·피해지, 관련자에 대해 FBI 등 관계기관과 적극적으로 공조수사를 진행하는 한편, 추가 피해 사례 및 유사 사건 발생 시에도 계속 수사할 계획이다.
- 이와 병행해, 피해업체를 대상으로 보안 취약점 점검 및 최신 버전의 보안 소프트웨어 업데이트, 개인정보를 포함한 중요 자산 자료 암호화 등 추가 피해 예방을 위한 보안 조치를 강조하는 한편, 국내 서버 임대업체 등을 대상으로 △사용하지 않는 포트 접속 폐쇄 △비밀번호 확인 변경 등을 보안 권고사항을 설명했다.
- 아울러, 현재 선원이 명확하지 않은 가업자에게도 서버 임대 가능해 당대 서버들이 범죄에 활용되고 있는 만큼, 관련 서버 임대업체들에 대해서도 지속적인 수사를 진행할 예정이다.

SMPA analysed the flow of Bitcoin which the compromised companies paid to Andariel after the ransomware attacks. Some of the Bitcoin had been sent to a bank account of a foreign national, from which CNY 630,000 (USD 88,700) was deposited and finally withdrawn at a bank in Liaoning Province, China. SMPA assumes that the withdrawn cash was brought back to the DPRK.


Source: [Seoul Metropolitan Police Agency, 서울경찰청 \(smpa.go.kr\)](https://www.smpa.go.kr)

Annex 63: Member States' publication, "Additional Guidance on the Democratic People's Republic of Korea Information Technology Workers"







Ministry of
Foreign Affairs

Alert Number: I-101823-PSA

October 18, 2023

**Additional Guidance on the Democratic People's Republic of Korea
Information Technology Workers**

The United States (U.S.) and the Republic of Korea (ROK) are updating previous warnings and guidance to the international community, the private sector, and the public to better understand and guard against the inadvertent recruitment, hiring, and facilitation of Democratic People's Republic of Korea (DPRK, a.k.a. North Korea) information technology (IT) workers. In 2022, the U.S. and ROK Government issued public advisories to provide detailed information on how DPRK IT workers operate, and identified red flag indicators and due diligence measures to help companies avoid hiring DPRK freelance developers and to help freelance and digital payment platforms identify DPRK IT workers abusing their services.

This update identifies new tradecraft used by DPRK IT workers since the release of the 2022 advisories, including new indicators of potential DPRK IT worker activity and additional due diligence measures the international community, private sector, and public can take to prevent the hiring of DPRK IT workers. The hiring or supporting of DPRK IT workers continues to pose many risks, ranging from theft of intellectual property, data, and funds, to reputational harm and legal consequences, including sanctions under U.S., ROK, and United Nations (UN) authorities.

Additional Red Flag Indicators of Potential DPRK IT Worker Activity:

- Unwillingness or inability to appear on camera, conduct video interviews or video meetings; inconsistencies when they do appear on camera, such as time, location, or appearance.
- Undue concern about requirements of a drug test or in person meetings and having the inability to do so.
- Indications of cheating on coding tests or when answering employment questionnaires and interview questions. These can include excessive pausing, stalling, and eye scanning movements indicating reading, and giving incorrect yet plausible-sounding answers.
- Social media and other online profiles that do not match the hired individual's provided resume, multiple online profiles for the same identity with different pictures, or online profiles with no picture.
- Home address for provision of laptops or other company materials is a freight forwarding address or rapidly changes upon hiring.
- Education on resume is listed as universities in China, Japan, Singapore, Malaysia, or other Asian countries with employment almost exclusively in the United States, the Republic of Korea, and Canada.
- Repeated requests for prepayment; anger or aggression when the request is denied.
- Threats to release proprietary source codes if additional payments are not made.
- Account issues at various providers, change of accounts, and requests to use other freelancer companies or different payment methods
- Language preferences are in Korean but the individual claims to be from a non-Korean speaking country or region.

Additional Due Diligence Measures Clients Seeking Freelance Workers Can Consider to Prevent Inadvertent or Unwitting Hiring of DPRK IT Workers:

- If using third party staffing firms or outsourcing companies, request documentation of their background check processes. If this cannot be readily provided by a company, assume it did not conduct the background check and conduct your own.
- If using a staffing company or third-party software developers for IT work, conduct due diligence checks on the individuals the company provides to you for work. Even if you conduct a background on a company, you may not fully understand their background check process.
- Do not accept background check documentation provided by untrusted or unknown authorities. Provide them a release form that allows you to conduct the background check on their behalf instead of having a background check completed by their local authorities.
- Request voided checks or certified documentation from their financial institution with their account information.
- Verify check numbers and routing numbers match an actual bank and do not belong to a money service business. Money service businesses use receiving depository financial institutions (RDFIs), which provide checking and routing information mirroring that of actual banking information.

- Keep records, including recordings of video interviews, of all interactions with potential employees.
- Prevent remote desktop protocol from being used on all company devices and prohibit using remote desktop applications for work.
- Lock down all administrative permissions and install insider threat monitoring software on company devices.
- Require signature delivery for company devices and ensure devices are not mailed to addresses other than designated work locations.
- Require notarized proofs of identity.
- During video verification, require individuals to physically hold driver's licenses, passports, or identification documents up to camera. Consider having them show their location by having the camera directed outside.
- Regularly geo-locate company laptops to verify they match the logins of employees' addresses.
- Require freelancers to shut off commercial VPNs when accessing company networks.
- Use Zero Trust and Need-to-Know policies. Avoid granting access to proprietary information, if possible.
- Use only reputable online freelance platforms that offer robust measures to verify identities and qualifications of freelance workers.
- Avoid recruiting freelance workers directly through online IT competitions and apply reinforced measures to verify their identities.

REPORTING

The FBI urges victims of DPRK IT Workers, or those who suspect they may have been victimized, to report the suspicious activity to the FBI Internet Crime Complaint Center (IC3) at ic3.gov.

The ROK government requests suspicious activity be reported to the National Intelligence Service (www.nis.go.kr, 111) and the National Police Agency (ecrm.police.go.kr, 112).

REFERENCE

The original advisory, titled "Guidance on the Democratic People's Republic of Korea Information Technology Workers," can be found [here](#).

The original advisory issued by the ROK government can be found in English [here](#) and in Korean [here](#).

For additional information from the Cyber Threat Intelligence Integration Center in the Office of the Director of National Intelligence, please also see "North Korean Tactics, Techniques, and Procedures for Revenue Generation," found [here](#).

Source: <https://www.ic3.gov/Media/Y2023/PSA231018> and https://www.mofa.go.kr/www/brd/m_4080/view.do?seq=374218&page=1

Annex 64: Summary of recent DPRK IT worker tactics, techniques, and procedures²³¹

A Member State reported DPRK IT workers are changing tactics,²³² and now offer to provide free services to build trust, seek long-term contracts, target small companies with fewer hiring requirements, reach out offering their skills to cryptocurrency industry companies and/or community chat rooms via social media instead of using freelance platforms, and increasingly seek lucrative web3, blockchain, smart contracts, and cryptocurrency projects. During their work, IT workers reportedly find vulnerabilities to exploit and/or build vulnerabilities into platforms and smart contracts to steal funds, and are suspected of conducting several smaller cryptocurrency heists this year (see Annexes 89-90). IT workers also reportedly monitor vulnerability reports released on platforms such as Github and/or participate in white hat competitions online to identify cryptocurrency-related vulnerabilities,²³³ and then steal funds before vulnerabilities can be patched.

According to one former DPRK IT worker, the workers use local facilitators to consolidate their earnings into bank accounts in the facilitators' names, after which the money is used to purchase items requested by the regime, such as refined petroleum and computers, and sent to the DPRK. Prior to the COVID-19 pandemic, some IT teams reportedly transferred their cash earnings to the DPRK via diplomatic pouch.

In November²³⁴ and December²³⁵ 2023, cybersecurity companies released detailed reports on DPRK IT workers seeking unauthorized employment with organizations around the world to generate revenue and engage in espionage. To do so, DPRK IT workers maintain resumes with fake identities, impersonating individuals of various jurisdictions, targeting a wide range of companies and freelance job marketplaces (see figure 1). DPRK IT workers develop multiple personas, each with accounts for email, employment websites, messaging platforms, and software development platforms. Certain aspects of online profiles can be up-to-date and have a lengthy activity history, appearing legitimate (see figure 2), although personas may lack social media accounts and details may be inconsistent across platforms (see figure 3). The IT workers have also reportedly "sought to purchase or borrow accounts with a high reputation in account seller marketplaces."²³⁶ A freelance job platform provided the Panel with a list of email addresses associated with DPRK IT workers (see figure 4).

A freelance platform that has been used by DPRK IT workers to obtain jobs reported that DPRK IT workers are aided in establishing accounts by a number of illicit services available on the internet, including websites that generate photo-realistic identity documents, skills certifications, utility bills, and bank statements, some of which are rendered from computer-aided design (CAD) models; platform account resale services; and proxy email and SMS platforms (see figures 5 and 6). DPRK IT workers have reportedly used generative artificial intelligence (AI) to generate profile images²³⁷ and descriptions. According to a Member State, DPRK IT workers are also using ChatGPT to develop answers to coding and other questions during job interviews, potentially among other uses (see para. 145). In 2024, the freelance platform expects to see additional uses of AI, such as real-time high-definition generative AI video avatars, face-swapping applications and full body animation.

²³¹ Most DPRK IT workers are subordinate to the Munitions Industry Department (KPe.028). See S/2023/656 paras 133-135, S/2023/171 paras 123 and 132, S/2022/668 para 121, S/2021/211 summary and para 124, S/2020/840 paras 106-111 and 113 and Annex 47, S/2020/131 paras 120-127 and S/2019/691 paras 41-42.

²³² Partly in response to technology companies adopting stricter hiring practices such as requiring a video call or in-person interview for jobs as well as reducing the number of fully-telework positions.

²³³ DPRK IT workers also reportedly participate in these competitions to increase the number of their followers, allowing them to win lucrative freelance contracts.

²³⁴ <https://unit42.paloaltonetworks.com/two-campaigns-by-north-korea-bad-actors-target-job-hunters/>. According to Reuters, a DPRK IT worker who recently defected examined the documents and confirmed their authenticity, noting "we would create 20 to 50 fake profiles a year until we were hired." (<https://www.reuters.com/technology/north-koreans-use-fake-names-scripts-land-remote-it-work-cash-2023-11-21/>).


²³⁵ <https://www.nisos.com/research/dprk-it-worker-scam/>.

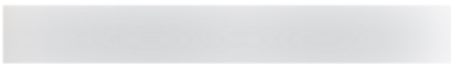
²³⁶ <https://unit42.paloaltonetworks.com/two-campaigns-by-north-korea-bad-actors-target-job-hunters/>.

²³⁷ Unlike using a stock photo or stealing photos of a real person from their social media or other accounts (both of which are methods that have been employed by DPRK IT workers), AI-generated photos would not be findable through an image search – and therefore could appear completely legitimate to a company conducting know-your-customer/customer-due-diligence checks.

The freelance platform further that assessed that the overwhelming majority of ‘skilled’ freelance crypto programmer profiles on the internet are fake, and likely are in actuality DPRK IT workers, given that highly skilled freelance programmers with computer security and crypto experience are extremely rare. The company also suspects that smaller, crypto-specific job marketplaces that have appeared over the past several years may have been established by the DPRK actors directly to solicit crypto-related projects directly from clients without the trouble of trying to establish accounts on the major freelance platforms – or at the very least are “completely overrun” with DPRK IT worker ‘mule’ accounts.

Figure 1: DPRK IT worker falsified resumes and freelance job platform message





BLOCKCHAIN & PYTHON & CHATBOT ENGINEER

Profile

Passionate Full Stack & Blockchain Developer offering 8+ years of relevant experience in Blockchain, ML and Robotic.

I have experience developing DeFi, DEX, DApp, Trading Bot, Token, autonomous systems and artificial intelligence. I am fluent in Solidity, Web3.js, Python and JavaScript ,and have worked on a variety of projects as a consultant, helping clients achieve their goals. I am also keen on several JavaScript and Python web frameworks like Vue, React, Django and Flask

I am a life-long learner and is looking forward to working on exciting and challenging projects. I am continuously trying to improve, learn more and gain new experiences.

With a strong attention to detail and accuracy and the important ability to function well in a team setting.

Looking for a Blockchain Developer job within a forward-moving company.

Details

Phone: +140 [REDACTED]

Email: [REDACTED]@gmail.com

Telegram: @s[REDACTED]

Discord: N[REDACTED]7

[https://www.linkedin.com/in/d\[REDACTED\]7777](https://www.linkedin.com/in/d[REDACTED]7777)

[https://github.com/Kin\[REDACTED\]](https://github.com/Kin[REDACTED])

Skills

Fast Learner


Hard worker

Computer Skills

Team Player

Excellent Communication Skills

Leadership and Teamwork



Passionate and skilled Embedded Linux Developer with High Video Streaming Tech offering 8 years of relevant experience and a proven track record of success in achieving extraordinary result. Experienced with all stages of the development cycle of any embedded video related products.

Over 8 years of IT experience in Analysis, design, and Development of various embedded software development.

Capable of excelling as part of a team or individually in a fast-paced environment. Deeply knowledgeable in video codec, media format, streaming protocol, real time system, various protocol and standard, Android Open Source Project, and IoT.

Richard Lee

Skill Highlights

- C/C++, Java, Rust, Go, Python, Shell script
- H.264, H.265, VP8, VP9
- MP4, 3GPP, MKV, AVI
- HLS, MPEG-DASH, RTSP, RTP
- TCP/UDP, HTTP, FTP, SNMP
- PCIe/Ethernet/ModBus/CAN/USB /SPI/I2C/I2S/RS232/UART
- Linux Kernel/Driver/RootFS
- Intel/ARM/MIPS/DSP Architecture
- React & Redux, Node.js, REST API
- Typescript/Javascript/React
- Electronic&Analog Circuit
- DevOps, CI/CD

Languages

English – C1

Education

Bachelor of Computer Science
Nanyang Technological University of Singapore
(2009 – 2013)

Experience

Video Engineer on Embedded Android Platform, 12/2019 – 05/2022
Jumio, USA


- Developed MPEG-DASH player using dash.js
- Designed Driver, HAL, Android System Service for use in DVB-T2 player development.
- Developed RTP streaming server with low latency on Embedded Linux of TI DM8169 platform
- Analyzed & Debugged PCR accuracy in MPEG-TS stream
- Developed demodulator and tuner driver to receive DVB-T2
- Developed transcoding module which converts from any codec to H.264 codec using Hardware Accelerator

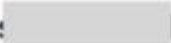

Embedded Firmware Developer, 08/2017 – 09/2018
Airbyte, USA

- Developed real time AD convert module in STM32F407
- Tested and deployed scalable and highly available OLED interface products.
- Developed motor control system using Python on raspberry-pi board
- Documented software development methodologies in technical manuals to be used by IT personnel in future projects.
- Developed DVB-T2 receive module in DVB-T2 dongle for android.

Embedded Software Developer, 04/2014 – 07/2016
BTHRUST, Singapore

- Participated in IOT (Internet of Things) development, specializing in Smart home security systems.
- Performed high-level coding in various programming languages.
- Developed WebSocket Module in Linux OS of DM8169 processor for Camera Encoder
- Designed Redundancy System for Live Streaming Encoder.
- Developed PCIe driver in Linux system for Stream Multiplexer




ander:   **\$140 USD en 7 días**

0.0

★★★★★

(0 comentarios)

0.0 \$ 

Dear Client.

I have checked your job description and I am really interested in your project

As a senior developer I have 5+ years of experience of Python development

As you can see my profile, I have finished very difficult type of app a few days ago and other developers can't solve this app but I have done

I have already published 10+ apps like you want so I am sure that I can finish your job perfectly.

If you want to hire a reliable developer, please contact me.

I am waiting for your contact.

I'll do my best for you.

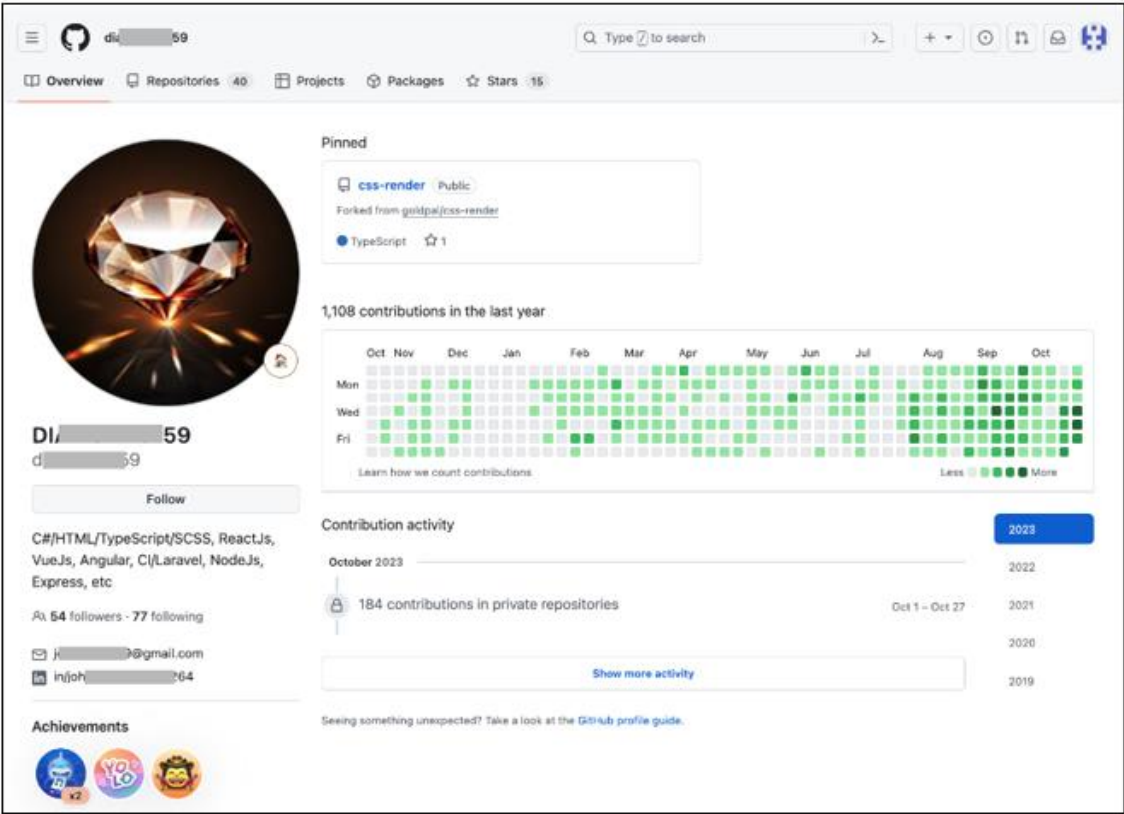
Thank you.

Best Regards.

[Menos](#)

Source: <https://unit42.paloaltonetworks.com/two-campaigns-by-north-korea-bad-actors-target-job-hunters/> and <https://twitter.com/pearswick/status/1726940740079739370?s=20>

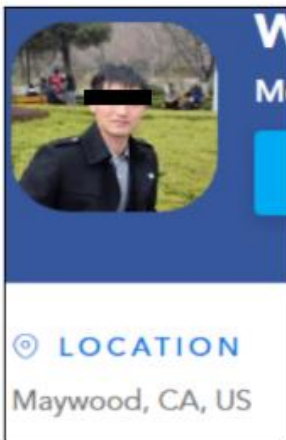
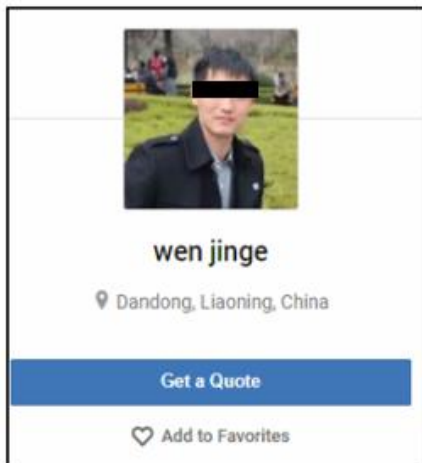
Figure 2: DPRK IT worker source code repository profile



Source: <https://unit42.paloaltonetworks.com/two-campaigns-by-north-korea-bad-actors-target-job-hunters/>

Figure 3: Example of DPRK IT workers' multiple personas





Source: <https://www.risos.com/research/dprk-it-worker-scam/>

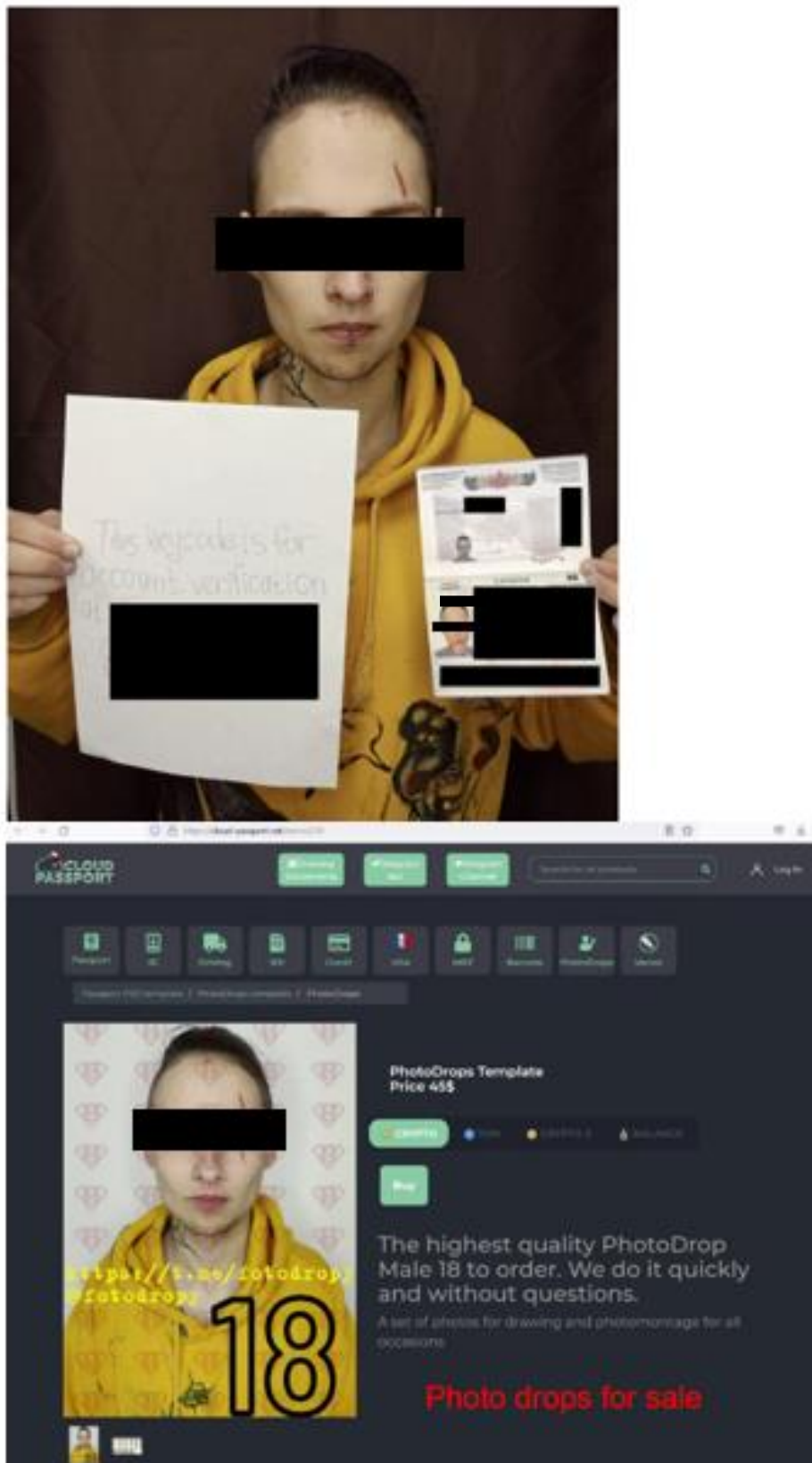
Figure 4: Email addresses reportedly associated with DPRK IT workers (redacted addresses are mostly gmail, Hotmail)

clark194637285@.com
fashioncstar@.com
hallecharlotte0113@.com
jsh.tiger919@.com
green.0819@.com
puma20001027@.com
luck-man0601@.com
svetlanaye85@.com
clark0613@.com
minorru.k.cg@.com
ruri528002@.com
fantastic.nero1113@.com
haranoda0714@.com
anacondadev0120@.com
topdev84210@.com
james0804180@.win
wenjie.yin970@.com
alkaasatrian79@.com
andrey0817@.com
alosya0602@.com
alexvidal.lancer@.com
webprodev003@.com
wencheng.yin533@.com
wenjie.yin89@.com
wencheng.yin@.co.jp
jinhe920129@.com
nozawa_dev0817@.com
btsm0714@.com
fullstack.sunshine@.com
ec.export5113@.com
littlemermaid0309@.com
f.fullstacksunshine@.com

Note: email addresses include the Gmail, Hotmail, Dispomail, Outlook and Syri services.

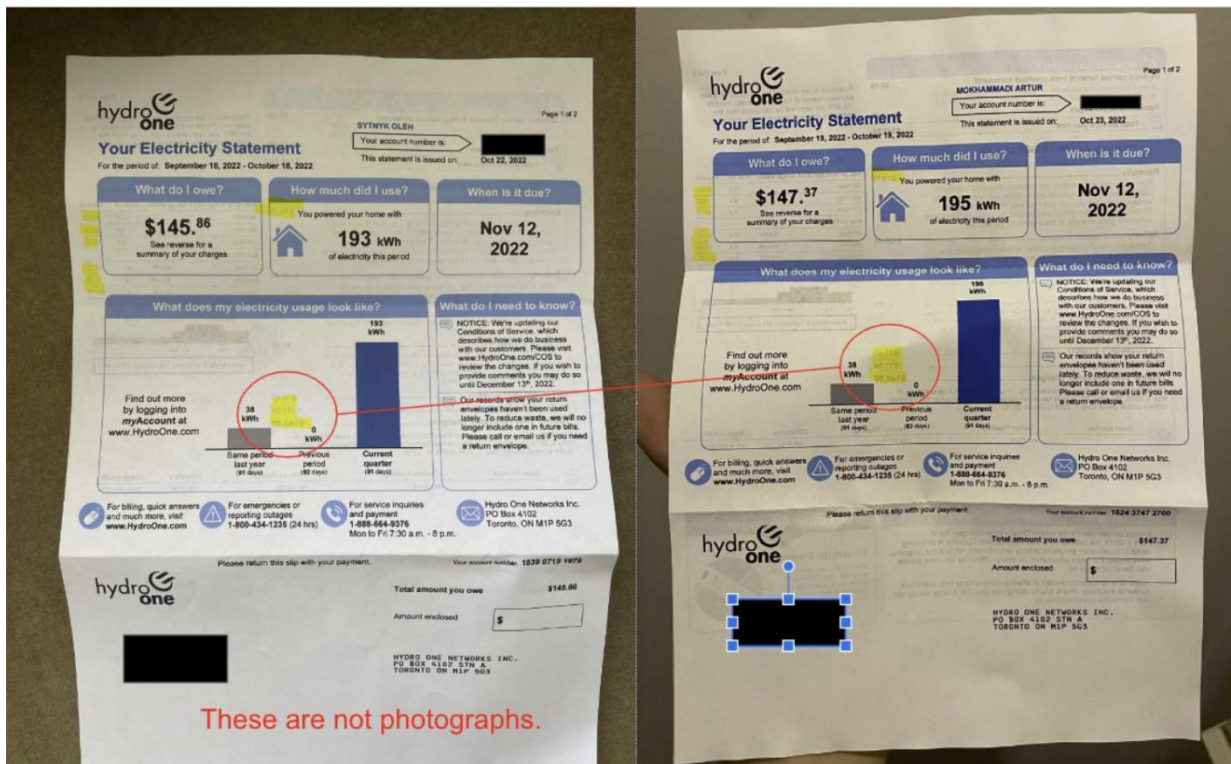
Source: Information provided to the Panel.

Figure 5: Falsified KYC/CDD photo



Source: Information provided to the Panel

Figure 6: CAD-rendered falsified utility bills



These are not photographs.

Source: Information provided to the Panel.

Annex 65²³⁸ : Table of restaurants in China which are suspected of employing DPRK workers

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
1	Beijing	평양은반관	朝鮮平壤銀畔烤肉	朝阳区神路街 39 号		1) The Panel received information that this restaurant had North Korean staff, still operating as of October 2023. 2) Reviews, April 2023	April 2023
2	Beijing	옥류관	玉流馆	朝阳区望京湖光中街 8 号		1) The Panel received information that this restaurant had North Korean staff, confirmed in October 2023 they are operating 2) Reviews, June 2023	June 2023
3	Beijing	대동강회관 (대동강식당)	大同江朝鮮料理	朝阳区元大都城垣遗址公园 6 号地 01 号	北京大东江畔餐饮管理有限公司 Beijing Dadongjiangpan Catering Management Co., Ltd. China Uniform Social Credit Code - 911101055923335533 Incorporated 2012-03-26 Legal representative: 李锋浩 (Li Fenghao) Shareholder: 617 贸易会社 (617 Trading Company, probably DPRK company)	Reviews, January 2022	January 2022

²³⁸ One member of the Panel is of the view that the information in this annex should be further corroborated and disagrees with the allegation of these restaurants employing DPRK workers.

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
4	Beijing	금강산	金剛山黑牛自助烤肉	西大望路 15 號外企大廈 C 座 3F		Reviews, October 2021	January 2020
5	Beijing	평양능라도	萬珍樓大飯店	北京房山区 万珍楼大飯店 (良响鎮西潞南大街 12 号)			None identified
6	Beijing	류경해당화 (평양해당화)	柳京海棠花 (平壤海棠花)	朝阳区日坛东路甲一号			June 2023
7	Beijing	평양민들레식당	平壤民达来餐厅	朝阳区霄云路 21 号-平壤民达来		According to a Member State, this restaurant employs about 15 DPRK laborers.	June 2023
8	Shanghai	평양고려관	平壤高丽馆	上海市浦東新区松林路 357 号(通茂大酒店 1 楼)		According to a Member State, this restaurant employs about 80 DPRK laborers.	July 2023
9	Shanghai	모란봉 음악식당	牡丹峰音乐餐吧	上海市闵行区紫藤路 225 号二楼		According to a Member State, this restaurant employs about 10 DPRK laborers.	July 2023
10	Shanghai	탕렌드 (118 점/창칭 점/바오산점)	湯連得温泉館	(118 店) 伯士路 57 号 (長清店) 上海市長清路 1200 弄森宏購物廣場 1 樓		According to a Member State, this restaurant employs about 90 DPRK laborers.	None identified

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
11	Shanghai	단골집 조개구이	贝臻屋海鲜碳烤&烤活鳗	(紫藤路店) 上海市闵行区紫藤路 168 弄 9 号		According to a Member State, this restaurant employs about 10 DPRK laborers.	None identified
12	Shanghai	상인생활수세 계	上引+	上海市静安区中华新路 396 号		According to a Member State, this restaurant employs about 50 DPRK laborers.	August 2023
13	Shanghai	상인생활수세 계	上引生活水世界	(徐汇江潮水汇店) 上海市龙瑞路 28 号			None identified
14	Shanghai	양광록주생 태주점 뷔페식당	阳光绿洲生态酒店	上海松江区通波路 50 号建设花园			None identified
15	Wuxi	강뚝꼬치구 이전문점	河坝烧烤串城	(新区金轮星光名座总店) 江苏省前卫路 3 号金轮星光名座生活广场 A 区 2 楼		Reviews, September 2020	October 2022
16	Dalian	홍빈루은별식 당	鴻賓樓	大連 开发区 9 号	大连鸿宾楼酒店有限公司 Da Lian Hong Bin Lou Jiu Dian You Xian Gong Si China Uniform Social Credit Code - 91210213MACB1URLXB Registered 2001-05-25 Legal representative: 高舒 (Gao Shu)	Reviews, April 2018	March 2019

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
17	Dalian	류경식당	柳京飯店 1 部	大連市 經濟技術開發區 濱海旅遊路 49 号		Reviews, November 2022	November 2022
18	Shenyang	달맞이식당	月见草大酒店	哈尔滨路 21 号	沈阳月见草餐饮有限公司 Shenyang Evening Primrose Catering Co., Ltd. China Uniform Social Credit Code - 91210100MA0TQPLFXB Incorporated 2016-12-26 Legal representative: 崔成元 (Choi Seong Won)		July 2022
19	Shenyang	평양관	平壤館	西塔街 106 号		1) The Panel received information that this restaurant had North Korean waitress as of October 2023. 2) Reviews, July 2023	July 2023
20	Shenyang	능라도 (1 부)	平壤綾罗岛餐厅	安图街号西塔兰桂坊 1 层			November 2017
21	Shenyang	평양동묘향 산식당	平壤東妙香山餐厅	图们路 24-1 号 8 门			None identified
22	Shenyang	금평양관	金平壤饭店	兴工北街 43 号 2 门			None identified

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
23	Shenyang	모란관	牡丹馆	西塔街 93 号	沈阳牡丹馆餐饮有限公司 Shenyang Peony Pavilion Catering Co., Ltd. China Uniform Social Credit Code - 91210100720932244N Registered 2001-06-18 Legal representative: 尹钟玉 (Yin Zhongyu) Shareholder: 朝鲜 813 贸易会社 (813 TRADING CORP.)	The Panel received information that this restaurant was operating and waitress are from DPRK as of October 2023.	August 2022
24	Shenyang	회령관 (남호춘색)	南湖春色	中兴街 38-1 号	沈阳南湖春色海鲜食府有限公司 Shenyang Nanhu Chunse Seafood Restaurant Co., Ltd. China Registration Number - 210102000061066 Registered 2010-06-01 Legal representative: 王殿军 (Wang Dianjun)		March 2019
25	Shenyang	몽금포식당	梦金浦	安图街 3 号			March 2029
26	Shenyang	아리랑화랑	阿里郎画廊珈琲	珥春路 10 号 19 间号		Reviews, November 2022	November 2022
27	Shenyang	복의식당	福义肥牛	黄河南大街 65 号	沈阳市皇姑区福义肥牛火锅城 Fuyi Fatiu Hot Pot City, Fuyi District, Huanggu District, Shenyang City China Uniform Social Credit Code - 91210105MA0P4X8G3Q Registered 2016-07-06 Legal representative: 王艳萍 (Wang Yanping)	Reviews, April 2017	July 2021

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
28	Shenyang	신안동어항	新安渔东港	新隆街 18 号			October 2022
29	Shenyang	*	瑞成东万饭店	经济技术开发区沈新路 75 号			None identified
30	Shenyang	*	博雅轩食府	陵东街 109-4 号 1 门		Reviews, October 2021	None identified
31	Shenyang	*	春祥辽菜楼	白龙江街 60-3 号			August 2022
32	Shenyang	해물요리	鲜码头	金沙江街 16 号 1-7			August 2022
33	Shenyang	*	京品北京味道	黄河南大街 93 号 10 门			February 2023
34	Shenyang	*	芭黎参园	长白二街 182 号			None identified
35	Dandong	능라도	绫罗岛	滨江中路 128-2 号	丹东绫罗岛餐饮服务有限公司 Dan Dong Ling Luo Dao Can Yin Fu Wu You Xian Gong Si China Uniform Social Credit Code - 91210600072152214F Registered 2013-06-27	Reviews, August 2017	March 2018
36	Dandong	대보산	大宝山	锦江街凤仙花酒店		Reviews, October 2019	March 2018

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
37	Dandong	류경식당	柳京酒店	滨江中路佳地广场 1-2 楼 辽宁省丹东市振兴区滨江 中路 64 号佳地广场 A 座 1~2 楼(近中联酒店)	辽宁鸿宝实业发展有限公司柳京酒店 Liaoning Hongbao Industry Development Co Ltd Liuqing Restaurant (Liaoning Hongbao Industrial Development Co., Ltd. Liuqing Hotel) China Uniform Social Credit Code - 91210600689659226P Registered 2009-06-01 Legal representative: 曲强 (Qu Qiang) liuqingjiudian1234@163.com The management of the restaurant was related to KOREA NATIONAL INSURANCE CORPORATION (KPe.048).	The Panel received information that this restaurant had North Korean staff and is a China-DPRK joint venture as of mid- September 2023.	March 2018
38	Dandong	평양고려식당	丹东高丽饭店	滨江中路开发区 A 区 4 号 楼 101 室	丹东市沿江高丽餐饮服务有限公司 Dandong Yanjiang Gaoli Catering Service Co., Ltd. China Uniform Social Credit Code - 91210600696167529X Registered 2009-11-05 Legal representative: 贾洪生 (Jia Hongsheng) 1960958113@qq.com	Reviews, October 2021	March 2018

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
39	Dandong	단동고려식당	平壤高丽饭店	七街八纬白山小区单元 1-2 号	丹东高句丽餐饮服务有限公司 Dandong Koguryo Catering Service Co., Ltd. China Uniform Social Credit Code - 91210603781605378A Registered 2005-10-27 Legal representative: 朴大勇 (Park Dayong)		November 2023
40	Dandong	고려향	高丽香	振兴区沿江开发区 D 区 35 号楼 7 幢 104 号		Reviews, September 2018	October 2019
41	Dandong	송도원	平壤松涛园酒店	振兴开发区 B 区 15 号楼 108 室(丹东市振兴区锦江街 b 区 15 号楼 108 室)	丹东松涛园餐饮服务有限公司 Dandong Songtaoyuan Catering Service Co., Ltd. China Uniform Social Credit Code - 91210600734206032C Registered 2002-05-28 Legal representative: 裴金千 (Pei Jinqian) Joint Venture with Korea Victory Trading Co., Ltd. (朝鲜胜战贸易会社)	Reviews, April 2021	September 2023

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
42	Dandong	칠보산	七宝山饭店七宝山饭店	振兴区三经街 11-5 号	丹东七宝山餐饮管理有限公司 Dan Dong Qi Bao Shan Can Yin Guan Li You Xian Gong Si China Uniform Social Credit Code - 91210603MA0QF8PY13 Registered 2016-08-11 Shareholder: 于凤珍 (Yu Fengzhen)		<i>None identified</i>
43	Dandong	해맞이	一兰	滨江中路 159 号 4 单元 107 室	丹东嘉苑小厨餐饮服务有限公司 Dandong Jiayuan Small Kitchen Catering Service Co., Ltd. China Uniform Social Credit Code - 91210600MA0P5RJ017 Incorporated 2016-11-08 Director: 姜晓龙 (Jiang Xiaolong)		<i>None identified</i>
44	Dandong	아리랑식당	阿里郎海鲜酒店	沿江路改造小区 2 号楼 102 号		Reviews, October 2017	March 2018
45	Dandong	신안동각	新安东阁海鲜酒楼	锦江街 98 号	丹东新安东阁餐饮有限公司 Dandong Xin'an Dongge Catering Co., Ltd. China Uniform Social Credit Code - 91210600683744454H Registered 2009-03-12 Director: 单玉花 (Dan Yuhua)		<i>None identified</i>
46	Dandong	안동수산식당	安东水产海鲜餐厅	沿江开发区滨江中路新太阳岛洗欲 1 层			March 2018

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
47	Dandong	호양해산	豪阳海鲜酒楼	大东区佳地花园 631 图 58 号	东港市豪阳酒店 Dong Gang Shi Hao Yang Jiu Dian China Registration Number - 210681600466325 Incorporated 2012-03-26 Legal representative: 董惠凤 (Dong Huifeng)		None identified
48	Yanji	매화개장집	梅花狗肉馆	光明街 47-1 号			October 2018
49	Yanji	우의식당	友谊饭店	鑫田大厦 1 楼			October 2018
50	Yanji	연향꼬치집	延香考串	局子街 2549 号 (菊花公寓一楼门市)		Reviews, September 2019	August 2023
51	Yanji	류경식당	延吉柳京饭店	延吉市新兴小学斜对面	延吉柳京饭店有限公司 Yanji Liujiang Hotel Co., Ltd. China Uniform Social Credit Code - 91222401605274143K Registered 1994-06-02 Legal representative: 权阳成 (Quan Yangcheng)	Reviews, August 2020	October 2018
52	Yanji	한성식당	韩城宾馆	局子街 726-4-1 号 4001	延吉市韩城餐饮有限公司韩城饭店 Yanji City Hancheng Catering Co., Ltd. Hancheng Hotel China Uniform Social Credit Code - 91222401MA15832083 Registered 2018-05-09 Legal representative: 韩杰 (Han Jie) hch2506611@163.com		October 2018
53	Yanji	해란강돌술밥	海兰江石锅饭	参花街水上市场 164-6 号		Reviews, July 2023	November 2021
54	Changchun	한장	韩庄朝鲜料理(旗舰店)	吉林大路 1211 号 1-3 号		Reviews, October 2018	June 2020

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
55	Changchun	한장	韩庄朝鲜料理(高新店)	高新区安联国际大厦 A 座		Reviews, February 2023	July 2022
56	Changchun	한장	韩庄朝鲜料理(净月店)	南关区新城大街与天富路交汇处巴蜀映巷底商门市房		Reviews, January 2022	April 2019
57	Changchun	한장	韩庄朝鲜料理(文化广场店)	西民主大街 1115 号			March 2019
58	Changchun	진홍조선관	真红朝鲜馆	佳园路超达创业园 14 栋 108-109 室		Reviews, January 2019	January 2019
59	Changchun	남양촌	南阳村演艺餐厅	经开区新城大街耶鲁印象一楼			None identified
60	Changchun	인풍각 1 호점	仁风阁(西朝阳路店)	西朝阳路 221 号	长春市仁风阁餐饮有限公司 Changchun Renfengge Catering Co., Ltd. China Uniform Social Credit Code - 912201017561597402 Registered 2004-03-12 Director: 党铁仁 (Dang Tieren) 985035100@qq.com	Reviews, March 2023	March 2019
61	Changchun	인풍각 2 호점	仁风阁(卫星广场店)	人民大街 8668 号	Jonit venture with DPRK company (朝鲜慈江道仁风会社)	Reviews, April 2023	June 2020

No.	Location	Name (Korean)	Name (Local)	Address	Corporate registry information	Additional information	Date of available social media image(s)
62	Jian	묘향산식당	妙香山	集安市锦江路 99 号长城花园	集安市妙香山进出口贸易有限公司 Ji'an City Miaoxiangshan Import&Export Co.,Ltd. China Uniform Social Credit Code - 912205825846024267 Registered 2011-10-26 Legal representative: 邹德强 (Zou Deqiang)	Reviews, July 2018	June 2018
63	Tumen	아리랑식당	阿里郎饭店	友谊街 1307 号			<i>None identified</i>
64	Hunchun	훈춘묘향식당	妙香山鲜肉烤肉串城	河南街道森林山大路水岸明珠 16 号 301 室			May 2020
65	Hunchun	평양두만강 불고기	豆满江烧烤	琿春市金都苑 2 号楼		Reviews, February 2022	<i>None identified</i>

Note: “*” indicates that the Panel was unable to identify a Korean name

Source: Member State, media and the Panel.

Annex 66²³⁹: Additional information on restaurants in China which are suspected of employing DPRK workers (note: numbering is consistent with the table in Annex 65)

This Annex includes social media images of some of the 65 restaurants employing DPRK workers. The Panel is not able to independently corroborate whether these restaurants hired DPRK nationals, however, some images and social media reviews suggested employment of DPRK nationals. The Panel's analysis of corporate registry records showed that four restaurant management companies received investments from DPRK companies up to at least 2017.

■ 2. 玉流馆 (옥류관)



Source: Naver, annotated by the Panel.

²³⁹ One member of the Panel is of the view that the information in this Annex should be further corroborated and disagrees with the allegation of these restaurants employing DPRK workers.

3. 大同江朝鮮料理 (대동강회관 (대동강식당))



咱也不认识 走吧



姑娘你是朝鲜人吗



嗯 是朝鲜人

"Lady, are you a North Korean?" **"Yes, I am a North Korean"**

Photos and reviews were uploaded on 4 January 2022

According to this video, the date of visit to the restaurant was 7 December 2021 .

This customer asked a waitress "Lady, are you a North Korean", and the waitress replied "Yes, I am North Korean".

Source: YouTube, annotated by the Panel.

■ 4. 金剛山黑牛自助烤肉 (금강산)



Source: Trip.com, annotated by the Panel.

- 6. 柳京海棠花 (平壤海棠花) (류경해당화, 평양해당화)
- South Korean media reported that the restaurant was operating as of late-June 2023.²⁴⁰
- According to the report, this restaurant recently removed the restaurant's name in Korean language '류경해당화 (Ryugyeong Haedanghwa)' from its sign (below right). The photo (below left) was taken right after the restaurant opened has both Korean and Chinese language sign.



Source: 연합뉴스 (Yohnap News Agency), 22 June 2023, annotated by the Panel.

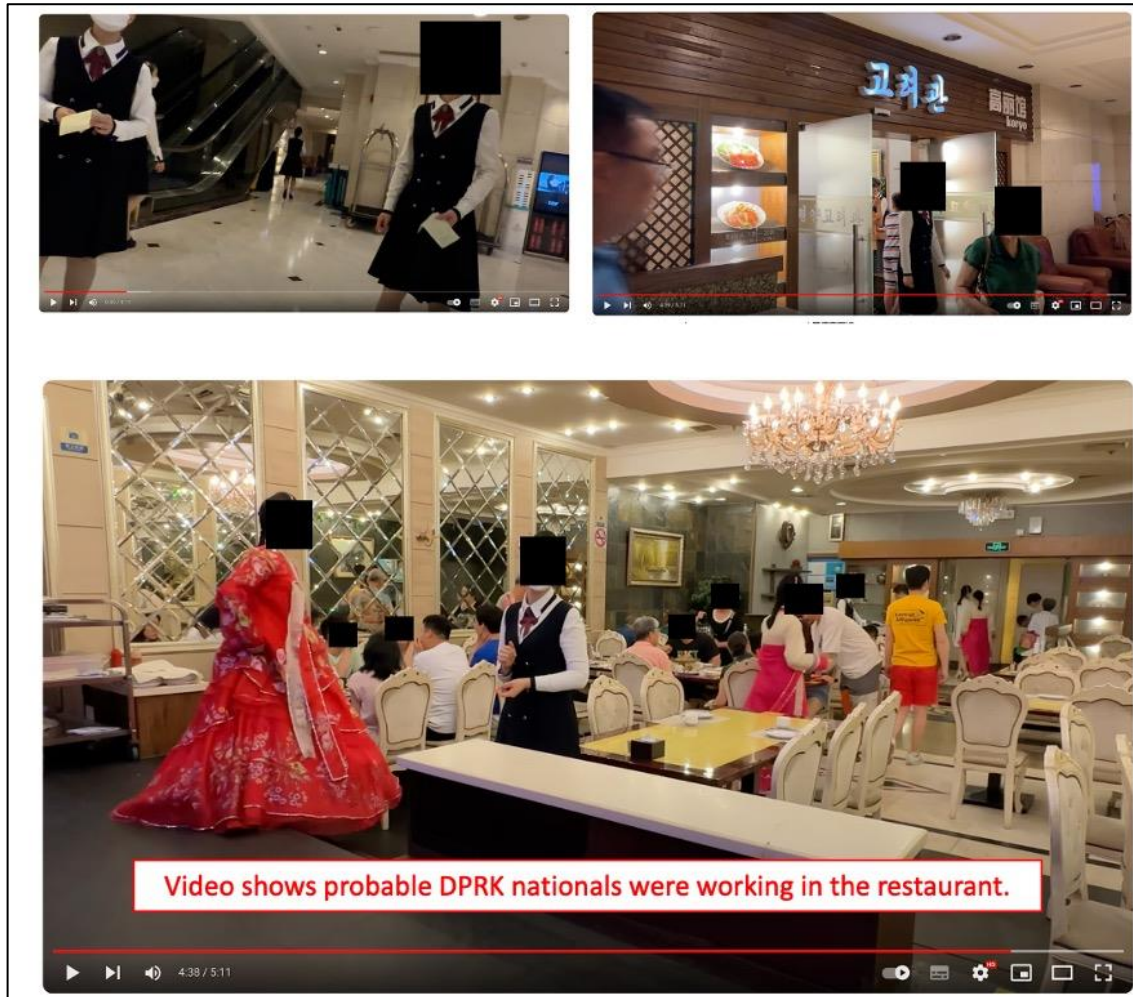
²⁴⁰ See <https://jp.yna.co.kr/view/AJP20230622001500882>.

■ 7. 平壤民达来餐厅 (평양민들레식당)



Source: 西瓜视频, video was uploaded on 19 June 2023; annotated by the Panel.

■ 8. 平壤高丽馆 (평양고려관)



Source: YouTube, video was uploaded on 30 July 2023; annotated by the Panel.

■ 9. 牡兰峰音乐餐吧 (모란봉 음악식당)



Source: 携程旅行, video was uploaded on 19 July 2023; annotated by the Panel.

■ 15. 河坝烧烤串城(新区金轮星光名座总店) (강뚝꼬치구이전문점)



Source: Baidu, uploaded October 2022, annotated by the Panel.



Source: 微博, reviews were uploaded on 7 September 2020; annotated by the Panel.

■ 17. 柳京飯店 1 部 (류경식당)



Source: Baidu, uploaded 25 November 2022.



Reviews were uploaded on 25 November 2022

"There has always been a North Korean waiter bustling around in the private room, being enthusiastic but not overly attentive, although speaking Mandarin very poorly."

Source: Baidu, uploaded 25 November 2022; annotated by the Panel.

■ 18. 月见草大酒店 (달맞이식당)



Source: Baidu, top photo was uploaded in May 2020 and bottom photo was uploaded in July 2022; annotated by the Panel.



国家企业信用信息公示系统

National Enterprise Credit Information Publicity System

企业信用信息

经营异常名录

严重违法失信名单



沈阳月见草餐饮有限公司

存续 (在营、开业、在册)

统一社会信用代码: 91210100MA0TQPLFXB

注册号:

法定代表人: 刘涛

登记机关: 沈阳市和平区市场监督管理局

成立日期: 2016年12月26日

发送报告

信息分享

信息打印

基础信息

行政许可信息

行政处罚信息

列入经营异常名录信息

列入严重违法失信名单 (黑名单) 信息

公告信息

■ 营业执照信息

统一社会信用代码: 91210100MA0TQPLFXB

企业名称: 沈阳月见草餐饮有限公司

注册号:

法定代表人: 刘涛

类型: 有限责任公司(自然人独资)

成立日期: 2016年12月26日

注册资本: 100.000000万人民币

核准日期: 2019年10月10日

登记机关: 沈阳市和平区市场监督管理局

登记状态: 存续 (在营、开业、在册)

住所: 辽宁省沈阳市和平区哈尔滨路21号

经营范围: 餐饮服务, 演出服务, KTV娱乐服务, 食品销售。(依法须经批准的项目, 经相关部门批准后方可开展经营活动。)

提示: 根据《市场主体登记管理条例》及其实施细则, 按照《市场监管总局办公厅关于调整营业执照照面事项的通知》要求, 国家企业信用信息公示系统将营业执照照面公示内容作相应调整, 详见https://gkml.samr.gov.cn/nsjg/djzcj/202209/t20220901_349745.html

Chinese corporate registry shows that the company is active, and its service is Catering services, performance services, KTV (Karaoke) entertainment services, and food sales.

Source: National Enterprise Credit Information Publicity System, annotated by the Panel.

24-02094

385/615

■ 19. 平壤館 (평양관)



Source: Baidu, top photo was uploaded in October 2017 and bottom photo was uploaded in July 2021; annotated by the Panel.

- Information provided to the Panel that the restaurant was operating in October 2023 and waitresses are from DPRK.
- There have been several reviews and photos since 2017 (last review was uploaded in 2023) that DPRK nationals have been working and DPRK-origin alcoholic drinks have been served in the restaurant.

全部 (5) 很好 (3) 好 (2) 一般 (0) 差 (0) 很差 (0)

超棒的一家朝鲜餐厅，说是朝鲜国营的，味道还行，价格很高。

2023-07-08

Review uploaded on 8 July 2023

"A very large North Korean restaurant, reportedly state-owned from North Korea. The taste is okay, but the prices are very high."

朝鲜姑娘唱歌跳舞，素质很高！菜品也很有特色！

2019-12-02

Review uploaded on 2 December 2019

"North Korean girls can sing and dance well, with high quality! The dishes also have unique features!"

这个饭店坐落在沈阳市和平区西塔街与市府大路交汇处，这是一家经营朝鲜族风味的特色美食店，这里的饭菜口味不错，服务也很好，值得品尝。

2019-10-10

服务员唱歌跳舞！都是专业级别！

2019-08-07

人均消费：180元

口味：5 环境：5 服务：5

在导游的推荐下，来到了这家朝鲜人开的餐厅。到的稍迟了点，留下来就餐的团友是，正在表演的朝鲜歌舞，加上不大的餐厅很是洁净。服务员身着鲜艳的朝鲜民族，在不多的餐桌间往来，就像是花蝴蝶在花丛中飞舞。所以，果断决定，无论贵贱，无论口味，无论等等……体验一回朝鲜的美食。接下来，就是对价格、服务、口味均感满意。餐厅的服务员都是朝鲜女孩子，说话轻声细语，开始我以为本地人装扮的，说的十分标准的普通话，多聊几句就会发觉发音明显就有朝鲜特色了。服务的十分规范细致，很快历经十五天的闯关东行程就要结束了，可以很负责任的评价这一餐是此行最惬意、最满意的一餐了！所以，点评可以！

2017-07-30

Review uploaded on 30 July 2017

"...The restaurant's waitstaff are all North Korean girls..."

平壤馆

朝鲜料理 中华美食

订座电话：024-23478822 地址：沈阳市和平区西塔街100号

DPRK-origin beer

Source: 携程旅行; annotated by the Panel.

■ 23. 牡丹馆 (모란관)

- Information provided to the Panel that the restaurant was operating in October 2023 and waitresses are from DPRK.
- There have been several reviews and photos since 2014 (the last review was uploaded in 2019) that DPRK nationals have been working in the restaurant.



Source: Baidu, photo was uploaded in August 2022.

环境: 3 服务: 3

牡丹馆 是北朝鲜餐厅。位于沈阳和平区西塔街93号庆会楼斜对面(近敦化路)。西塔主街上，开了好多年了，价位不低，白天人不多，据说晚上有歌舞。冷面不错，分300g, 200g等按克数卖的，味道还不错哦

2019-07-31

有用 (0)

Review uploaded on 31 July 2019.

"Morangwan is a North Korean restaurant."

环境: 4 服务: 5

朝鲜餐馆，比较有特色。菜的味道还可以

2019-05-15

详情 举报 有用 (0)

Review uploaded on 15 May 2019.

"North Korean restaurant, quite distinctive."

Source: 携程旅行, annotated by the Panel.

- According to the Comprehensive Foreign Investment Management Public Portal (外商投资综合管理公众端), DPRK company 朝鲜 813 贸易会社 (813 TRADING CORP.) has invested in the restaurant.

中华人民共和国商务部
业务系统统一平台

外商投资综合管理 公众端

沈阳牡丹馆餐饮有限公司

一、外商投资企业基本信息

企业名称	沈阳牡丹馆餐饮有限公司	经营范围	中式、韩式餐饮、酒零售。(以下空白)
统一社会信用代码/组织机构代码	91210100720932244N		
成立日期	2001年5月30日		
投资行业	正餐服务		
经营范围	中式、韩式餐饮、酒零售。(以下空白)		
注册资本	10万美元		
法定代表人	崔银瑞		

Business scope: Chinese and Korean -style catering and wine retail

二、外商投资企业投资者基本信息

投资者名称	国别(地区)	出资金额
朝鲜813贸易会社	朝鲜	5万美元
辽宁升宜实业有限公司	中国	11万美元

三、外商投资企业年报信息

序号	报送年度	详情
1	2017年度报告	查看
2	2016年度报告	查看
3	2015年度报告	查看
4	2014年度报告	查看
5	2013年度报告	查看
6	2012年度报告	查看

四、变更信息

序号	变更事项	变更前内容	变更后内容	变更日期
暂无变更信息数据				

二、外商投资企业投资者基本信息

投资者名称	国别(地区)	出资金额
朝鲜813贸易会社	朝鲜	5万美元
辽宁升宜实业有限公司	中国	11万美元

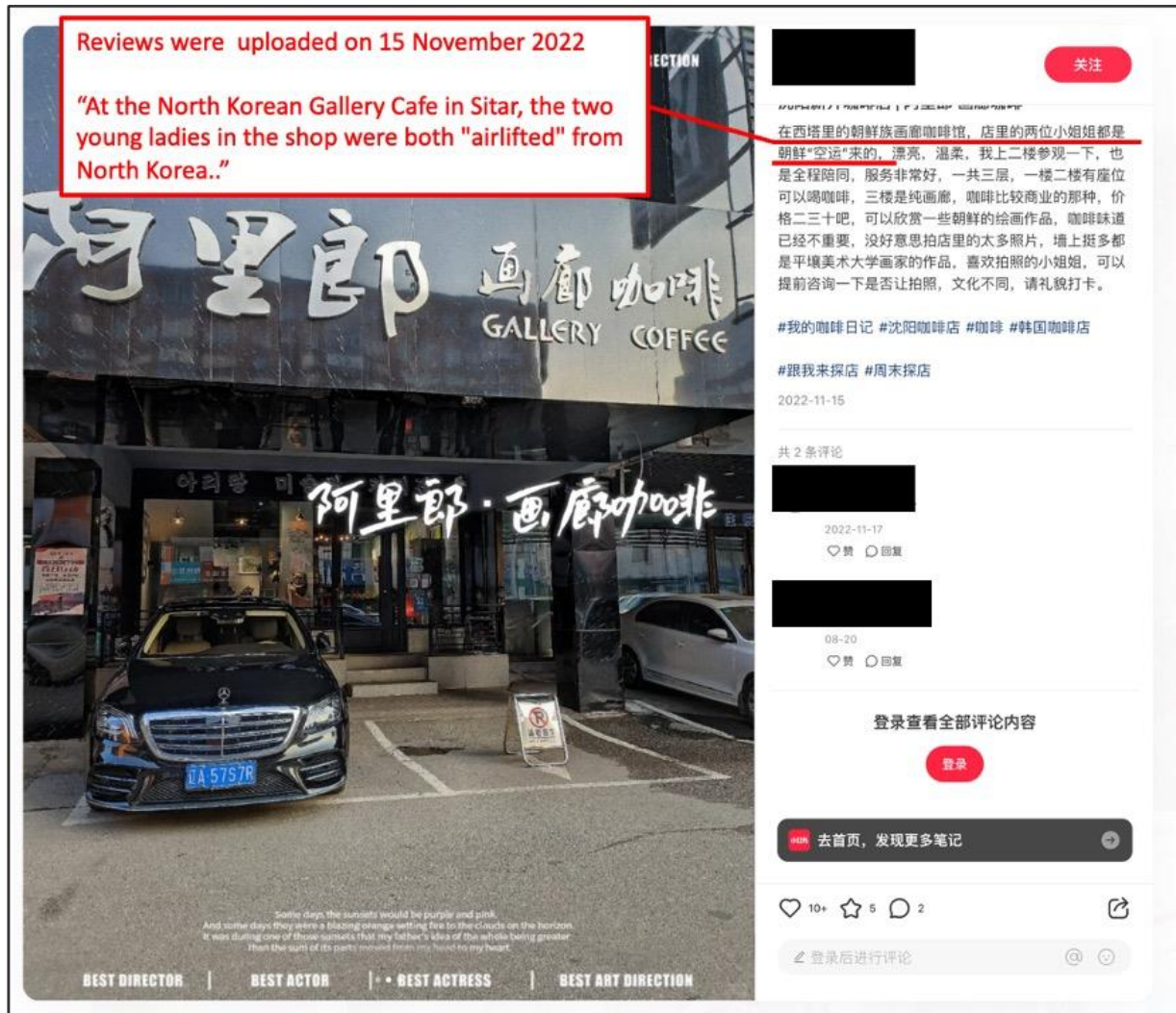
Investor Name
813 Trading Corp

Country (region)
DPRK

Amount of contribution
50,000 USD

Source: Comprehensive Foreign Investment Management Public Portal, annotated by the Panel.

■ 26. 阿里郎画廊咖啡 (아리랑화랑)



Source: 小红书, annotated by the Panel.

■ 37. 柳京酒店 (류경식당)

- Information obtained by the Panel showed that the restaurant had staff from DPRK as of mid-September 2023 and this restaurant is a China-DPRK joint venture.
- According to the Chinese corporate registry, the management company of this restaurant is linked to 朝鲜民族保险总会社 (Korea National Insurance Corporation, KPe.048).
- The registry also indicates that the restaurant has been inviting chefs from the DPRK and displays paintings of Mansudae Art Studio (aka Mansudae Overseas Project Group of Companies, KPe.050), which may be a violation of paragraph 3 of resolution 2371 (2017).



Source: Baidu, photo was uploaded in March 2018, annotated by the Panel.

Information about the possible link between 柳京酒店 and Korea National Insurance Corporation (KPe.048)

- According to Chinese corporate registry data, **Ma Xiaohong (马晓红)** was a senior manager (a category comprising directors, supervisors, managers, etc.) of the company **Liaoning Hongbao Industrial Development Co., Ltd. Liujing Hotel (辽宁鸿宝实业发展有限公司柳京酒店, China Uniform Social Credit Code 91210600689659226P)**. Liaoning Hongbao Industrial Development Co., Ltd. Liujing Hotel manages the restaurant 柳京酒店.

This individual is likely the same Ma Xiaohong, who was designated by OFAC in 2016 for acting for or on behalf of Korea Kwangson Banking Corporation (KPe.025).

企查查 企查猫

辽宁鸿宝实业发展有限公司柳京酒店 [存续]

企业邮箱: liujingjiudian1***@163.com

企业网址: www.danjiang.com

企业地址: 丹东市滨江中路64号佳地广场

工商基本信息

法定代表人:	曲强	纳税人识别号:	
名称:	辽宁鸿宝实业发展有限公司柳京酒店	机构代码:	
注册号:		注册资本:	
统一社会信用代码:		登记机关:	丹东边境经济合作区市场监督管理局
经营状态:	存续	成立日期:	
企业类型:	其他有限责任公司分公司	经营期限:	2009-06-01 至 永续经营
所属地区:	辽宁 丹东市	核准日期:	2020-12-17
企业地址:	丹东市滨江中路64号佳地广场		
经营范围:	主食、面食、热菜、凉菜、预包装食品、会议服务;文化用品、日用百货、纺织品、服装鞋帽(依法须经批准的项目,经相关部门批准后方可开展经营活动。)		

变更信息 8

1 2020-12-17

变更项目: 高级管理人员备案(董事、监事、经理等)

变更前: 马晓红

Senior Management Personnel (Directors, Supervisors, Managers, etc.)

Ma Xiaohong

2 2020-05-26

变更项目: 高级管理人员备案(董事、监事、经理等)

变更前: 马晓红

Source: 企查查, annotated by the Panel.

- Chinese corporate registry data shows that Ma Xiaohong is also a legal representative of **Liaoning Hongbao Industry Development Co Ltd** (辽宁鸿宝实业发展有限公司, China Uniform Social Credit Code 91210600686640300D), as of November 2023. Both **Liaoning Hongbao Industry Development Co Ltd** and the abovementioned **Liaoning Hongbao Industrial Development Co., Ltd. Liujing Hotel** share the same address (丹东市滨江路 64 号佳地广场) and email address (liujingjiudian1234@163.com).
- Chinese registry documentation shows that Korea National Insurance Corporation (KPe.048) is one shareholder of Liaoning Hongbao Industry Development Co Ltd . This is probably the same company as **Dandong Hongxiang Industrial Development Co Ltd** (丹东鸿祥实业发展有限公司, China Uniform Social Credit Code 91210600716432730M), which was also designated by OFAC along with Ma Xiaohong in 2016.

Figure 1

国家企业信用信息公示系统
National Enterprise Credit Information Publicity System

企业信用信息 | 经营异常名录 | 严重违法失信名单

请输入企业名称、统一社会信用代码或注册号

Company name: Liaoning Hongdae Industrial Development Co., Ltd. Liujing Hotel

辽宁鸿宝实业发展有限公司柳京酒店 存续 (在营、开业、在册)

统一社会信用代码: 91210600689659226P
注册号:
负责人: 曲强
登记机关: 丹东市市场监督管理局合作区分局
成立日期: 2009年06月01日

发送报告
信息分享
信息打印

基础信息 | 行政许可信息 | 行政处罚信息 | 列入经营异常名录信息 | 列入严重违法失信名单 (黑名单) 信息 | 公告信息

营业执照信息

统一社会信用代码: 91210600689659226P
注册号:
类型: 其他有限责任公司分公司
登记机关: 丹东市市场监督管理局合作区分局
经营场所: 丹东市滨江中路64号佳地广场
经营范围: 主食、面食、蔬菜、凉菜、预包装食品、会议服务; 文化用品、日用百货、纺织品、服装鞋帽。(依法须经批准的项目, 经相关部门批准后方可开展经营活动。)

企业名称: 辽宁鸿宝实业发展有限公司柳京酒店
负责人: 曲强
成立日期: 2009年06月01日
核准日期: 2020年12月17日
登记状态: 存续 (在营、开业、在册)

提示: 根据《市场主体登记管理条例》及其实施细则, 按照《市场监管总局办公厅关于调整营业执照照面事项的通知》要求, 国家企业信用信息公示系统将营业执照照面公示内容作相应调整。详见https://gkml.samr.gov.cn/nsjg/djrcj/202209/t20220901_349745.html

Address: 丹东市滨江路64号佳地广场
(Jiadi Plaza, No. 64, Binjiang Road, Zhenxing District, Dandong City,)

国家企业信用信息公示系统
National Enterprise Credit Information Publicity System

企业信用信息 | 经营异常名录 | 严重违法失信名单

请输入企业名称、统一社会信用代码或注册号

Company name: Liaoning Hongbao Industry Development Co Ltd

辽宁鸿宝实业发展有限公司 存续 (在营、开业、在册)

统一社会信用代码: 91210600686640300D
注册号:
法定代表人: 马晓红
登记机关: 丹东市市场监督管理局合作区分局
成立日期: 2009年05月15日

发送报告
信息分享
信息打印

基础信息 | 行政许可信息 | 行政处罚信息 | 列入经营异常名录信息

营业执照信息

统一社会信用代码: 91210600686640300D
注册号:
类型: 其他有限责任公司
注册资本: 1200.000000万人民币
登记机关: 丹东市市场监督管理局合作区分局
住所: 辽宁省丹东市滨江路64号佳地广场
经营范围: 批发纺织品、文化用品、日用百货、五金工具、电工器材、家用电器、建筑材料、金属材料、染料、农副产品、机械设备、电子仪器、服装鞋帽、水产品(以上商品进口不涉及国营贸易、进出口配额许可证、出口配额招标、出口许可证等专项管理的商品); 餐饮、会议服务 (仅限分公司经营)。(依法须经批准的项目, 经相关部门批准后方可开展经营活动。)

企业名称: 辽宁鸿宝实业发展有限公司
法定代表人: 马晓红
成立日期: 2009年05月15日
核准日期: 2019年03月21日
登记状态: 存续 (在营、开业、在册)

提示: 根据《市场主体登记管理条例》及其实施细则, 按照《市场监管总局办公厅关于调整营业执照照面事项的通知》要求, 国家企业信用信息公示系统将营业执照照面公示内容作相应调整。详见https://gkml.samr.gov.cn/nsjg/djrcj/202209/t20220901_349745.html

Legal representative: Ma Xiaohong

Address: 辽宁省丹东市滨江路64号佳地广场
(Jiadi Plaza, No. 64, Binjiang Road, Zhenxing District, Dandong City, Liaoning Province)

Source: Comprehensive Foreign Investment Management Public Portal, annotated by the Panel.

Figure 2



中华人民共和国商务部
业务系统统一平台

外商投资综合管理 公众端

辽宁鸿宝实业发展有限公司

一、外商投资企业基本信息

企业名称	辽宁鸿宝实业发展有限公司
统一社会信用代码/组织机构代码	91210600686640300D
成立日期	2009年5月5日
投资行业	纺织品、针织品及原料批发
经营范围	批发纺织品、文化用品、日用杂品、五金工具、电 器、饮料、经营餐饮、会议服务（以上商品进出口
注册资本	1200万元人民币
法定代表人	马晓红

二、外商投资企业投资者基本信息

投资者名称	国别（地区）	出资额
丹东鸿祥实业发展有限公司	中国	612万元人民币
朝鲜民族保险总会社	朝鲜	566万元人民币

三、外商投资企业年报信息

序号	报送年度	详情
1	2017年度报告	查看
2	2016年度报告	查看

四、变更信息

序号	变更事项	变更前内容	变更后内容	变更日期
暂无变更信息数据				

二、外商投资企业投资者基本信息

投资者名称	国别（地区）
丹东鸿祥实业发展有限公司	中国
朝鲜民族保险总会社	朝鲜

Investor name
Dandong Hongxiang Industrial
Development Co Ltd

Country (region)
China

Investor name
Korea National Insurance Corporation

Country (region)
DPRK

Source: Comprehensive Foreign Investment Management Public Portal, annotated by the Panel.

- The registry also shows that the restaurant has been inviting chefs from the DPRK and displays of paintings of Mansudae Art Studio (aka Mansudae Overseas Project Group of Companies, KPe.050).

Figure 3

“...Liu Jing Hotel is a dining and hospitality establishment that integrates the essence of North Korean and American food cultures...The culinary team consists of elite chefs from both China and North Korea, specializing in traditional North Korean cuisine...”

“...Liu Jing Hotel has a collection of approximately 69 paintings and embroidery works by North Korean artists. Additionally, it displays about 38 porcelain pieces from the Mansudae Art Studio in North Korea. We allow guests at Liu Jing Hotel to fully appreciate North Korean art, experiencing the astonishing creative talents and perfect artistic expressions of North Korean artists up close...”

公司简介

柳京酒店坐落于中国最大的边境城市—丹东。鸭绿江畔、毗邻朝鲜。

柳京酒店是集中朝美食文化精粹于一体的餐饮酒店，目前有包房22间（其中朝鲜炕间6个），大厅散台18个，可容纳500人同时就餐。料理团队由中朝双方精英料理师组合而成，以传统的朝鲜料理为主也配有各种中餐美食。让每一个来到柳京的客人也都流连忘返。

柳京酒店名称的由来：“柳京”是平壤的旧称，意为柳树茂盛的首都。柳树增添着平壤美丽的风景。朝鲜首都平壤具有五千年悠久民族史，是朝鲜民族的发祥地、朝鲜民族文化的中心。平壤大同江流域因清澈的河流、广阔肥沃的平原、丰富的物产、温暖的气候，自古是富饶美丽的地方。平壤作为世界五大文化之一的大同江文化的中心地，更为著称。在这肥沃的土地上，柳树繁茂成林，竟成了首都的代名词。当时的人们把平壤优美的自然风景、悠久的文化和平壤人的多情善感，歌颂为春风吹岸，细雨沉尘，垂柳摇曳。

我们用“柳京”这个美丽的名字来命名酒店，就是希望来到这里就餐的客人能感受到来自朝鲜、来自平壤的美丽风情。

为了充分展示朝鲜美丽的风景和丰富的艺术文化，柳京酒店共藏有朝鲜艺术家绘画、刺绣作品约60幅，同时还陈列了来自朝鲜万寿台艺术创作社的青瓷器约38件。我们可以让来到柳京酒店的客人，充分地欣赏朝鲜艺术品，近距离的感受朝鲜艺术家惊人的创造天赋和完美的艺术表现手法。

中朝两国人民一衣带水、几十年的往来，奠定了我们今天中朝友谊的良好局面。作为中朝合资的柳京酒店，我们致力于发展两国友谊，向世界推荐善良而美丽的朝鲜。柳京酒店大到整体装修，小到食物承装器皿，每一个细节我们都想呈现朝鲜的传统气息。柳京酒店的外观装修是仿照朝鲜首都平壤建筑-白墙青瓦，内部装修大量运用手工木作、手工铜活，上等大理石地面遍布酒店的每一个角落。整体装饰色调以木原色为主，充分展现朝鲜民族质朴、纯粹的本色。酒店大堂陈列的装饰品其中之一是朝鲜友人赠送的镶嵌贝壳宝葫芦乐器大漆座，这个艺术品是朝鲜艺术家心血之作中的典范。大餐厅内外摆放的都是朝鲜专门运送过来的金达莱花仿真盆栽。我们力求让客人一走进餐厅就能体会到来自朝鲜的温暖和春风与诗情画意。

餐具方面我们大量使用铜器作为客人就餐时的餐具。铜碗、铜碟、铜筷、铜勺、铜筷架、铜酒杯、铜茶杯等等，每一件铜餐具背后都闪烁着朝鲜传统特色的光芒。使用铜餐具就餐是古高丽时期贵族才能享受的待遇，金灿灿的器皿盛装着精致的朝鲜美食，让人顿时垂涎欲滴，仿佛置身于真正的朝鲜餐厅一样。

柳京酒店愿作连接中朝友谊的一条纽带，致力于餐饮业，大力推广中朝饮食文化，我们相信这两种饮食文化的交融，尤其是中朝传统饮食文化的交融，一定会迸发出更加灿烂的火花。

Source: 企查查, annotated by the Panel.

38. 丹东高丽饭店(평양고려식당)



Source: Baidu, photo was uploaded in March 2018, annotated by the Panel.

📍 辽宁省丹东市振兴区滨江东路50号a区101室

☎ (0415)3142818

营业时间

就餐时间: 10:30-14:30, 16:30-22:00

评论 (13条评论)

4.3 ★★★★★

2021-10-03

点了牛肉包菜 做的很嫩 非常好, 高丽参炖鸡 味道美极了, 海鲜饼是特色一定要点, 还点了一份打糕; 两盘冷面 (一份鸡肉, 一份海鲜); 两盘泡菜 (酸白菜, 辣白菜), 这些菜 都没油 可以放心吃, 不会胖! 价格一共416块 感觉不错! 服务员小妹都是朝鲜来的, 年轻漂亮 服务周到! 人多可以去包厢 那里可以唱歌的

来自百度地图

평양고려식당
丹东高丽饭店

Reviews uploaded on 3 October 2021

"...The waitresses are all from North Korea, young and beautiful, providing attentive service."

Source: Baidu, annotated by the Panel.



Source: 携程旅行, uploaded on 30 November 2019, annotated by the Panel.

国家企业信用信息公示系统
 National Enterprise Credit Information Publicity System

企业信用信息公示 | 经营异常名录 | 严重违法失信名单
 请输入企业名称、统一社会信用代码或注册号

营业执照

丹东市沿江高丽餐饮服务有限公司 存续 (在营、开业、在册)

统一社会信用代码: 91210600696167529X
 注册号:
 法定代表人: 贾洪生
 登记机关: 丹东市市场监督管理局合作区分局
 成立日期: 2009年11月05日

发送报告
 信息分享
 信息打印

基础信息 | 行政许可信息 | 行政处罚信息 | 列入经营异常名录信息 | 列入严重违法失信名单 (黑名单) 信息 | 公告信息

■ 营业执照信息

统一社会信用代码: 91210600696167529X	企业名称: 丹东市沿江高丽餐饮服务有限公司
注册号:	法定代表人: 贾洪生
类型: 有限责任公司(自然人投资或控股)	成立日期: 2009年11月05日
注册资本: 50.000000万人民币	核准日期: 2023年08月07日
登记机关: 丹东市市场监督管理局合作区分局	登记状态: 存续 (在营、开业、在册)
住所: 丹东市沿江开发区A区4号楼101室	
经营范围: 中餐类制售、不含面食、不含裱花蛋糕、不含生食海产品。(依法须经批准的项目,经相关部门批准后方可开展经营活动。)	

提示: 根据《市场主体登记管理条例》及其实施细则,按照《市场监管总局办公厅关于调整营业执照照面事项的通知》要求,国家企业信用信息公示系统将营业执照照面公示内容作相应调整。详见https://gkml.samr.gov.cn/nsjg/djzc/202209/t20220901_349745.html

住所: 丹东市沿江开发区A区4号楼101室

Address is the same as the location of the restaurant.

Source: National Enterprise Credit Information Publicity System, annotated by the Panel.

■ 41.平壤松涛酒店 (송도원)



Source: Baidu, photo was uploaded in March 2018, annotated by the Panel.



Reviews uploaded on 3 April 2021

"...The waitstaff should be from North Korea..."



Source: Baidu, annotate by the Panel.

According to Dandong City Culture, Tourism, and Radio & Television Bureau (丹东市文化旅游和广播电视局) the restaurant appears to be renovated.



Source: Dandong City Culture, Tourism, and Radio & Television Bureau, uploaded on 21 September 2023, annotated by the Panel.

- According to Comprehensive Foreign Investment Management Public Portal (外商投资综合管理公众端), DPRK company Korea Victory Trading Co., Ltd (朝鲜胜战贸易会社) is an investor in the restaurant.



中华人民共和国商务部
业务系统统一平台

外商投资综合管理 公众端

丹东松涛园餐饮服务有限公司

一、外商投资企业基本信息

企业名称	丹东松涛园餐饮服务有限公司
统一社会信用代码/组织机构代码	91210600734206032C
成立日期	2001年12月11日
投资行业	正餐服务
经营范围	餐饮。
注册资本	11万美元
法定代表人	尹熙善

二、外商投资企业投资者基本信息

投资者名称	国别(地区)	出资金额
朝鲜胜战贸易会社	朝鲜	5万美元
丹东俊泽投资有限公司	中国	6万美元

三、外商投资企业年报信息

序号	报送年度	详情
1	2017年度报告	查看
2	2016年度报告	查看
3	2015年度报告	查看
4	2014年度报告	查看
5	2013年度报告	查看
6	2012年度报告	查看

四、变更信息

序号	变更事项	变更前内容	变更后内容	变更日期
暂无变更信息数据				

二、外商投资企业投资者基本信息

投资者名称	国别(地区)	出资金额
朝鲜胜战贸易会社	朝鲜	5万美元
丹东俊泽投资有限公司	中国	6万美元

Investor name

Korea Victory Trading Co., Ltd.

Country (region)

DPRK

Amount of contribution

50,000 USD

Source: Comprehensive Foreign Investment Management Public Portal, annotated by the Panel.

■ 51. 延吉柳京饭店 (류경식당)



Source: Baidu, Photo was uploaded in October 2018.

2020-08-18

酒店位置非常好，在市中心。但是设施真的太陈旧了，洗浴的喷头出水量小，找前台，没有专门的维修人员，服务员给调试了一下，勉强能洗。房间没有一次性拖鞋，只有陈旧的还是男式的塑胶拖鞋。服务员都是朝鲜国人，汉语不是十分流畅，沟通起来有点费劲，服务体验太一般了。

来自携程网

Reviews uploaded on 18 August 2020

"...All the staff are North Korean, and their Chinese is not very fluent, making communication a bit difficult..."

Source: Baidu, annotated by the Panel.

■ 53. 海兰江石锅饭 (해란강돌솥밥)



Source: 携程旅行, photo was uploaded on 29 November 2021, annotated by the Panel.

7月6日 23:17

延吉探店 | 40年老店, 店员都是朝鲜美女姐姐

【无广美食测评】海兰江石锅饭-延吉

Reviews uploaded on 6 July 2023

"Store visit in Yanji, 40-year-old store, the shop assistants are all North Korean beautiful ladies..."

水上市场逛完就能直接找到的老店, 早上六点多就可以吃早饭了, 锅包肉很好吃但是只有中午才做; 米肠好吃, 包饭的肉有一点柴, 土豆饺子有点硬乎, 主要是本着朝鲜小姐姐去看一看;

地址: 参花街水上市场164-6号

#石锅饭 #美食也可以多巴胺

Source: 大众点评, annotated by the Panel.

■ 55. 韩庄朝鲜料理(高新店) (한장)



Source: Baidu, photo was uploaded in July 2022.

2023-02-18

★★★★★

韩庄是长春比较有名的朝鲜料理店，装修很有特色，服务也很好，还有漂亮的朝鲜小姐姐。明太鱼和金针肥牛口味很正宗，酱汤很浓郁，套餐很实惠，量也很大。

来自百度地图

Reviews uploaded on 18 February 2023

“Han Zhuang is a relatively famous North Korean cuisine restaurant in Changchun. It has distinctive decorations, excellent service, and beautiful North Korean girls. ...”

Source: Baidu, annotated by the Panel.

■ 56. 韩庄朝鲜料理(净月店) (한장)



Source: Baidu, photo was uploaded in April 2019.

韩庄《韩庄》朝鲜料理

口味 (4.5) 环境 (4.5) 服务 (4.0)

据说服务员都是朝鲜，服务员也都是高材生，实习地。为特别热情，没想到也就一般[笑哭][笑哭]

[薄荷]环境：
环境也特别朝鲜风，墙上满满的玉米、鱿鱼干、、地面摆放着大大小小酒坛缸[惊叹][惊叹]
「有机菜包肉」这道菜不错，好好吃[「哇」]「黑包五花肉」来些酱汁美味，烤的肉也特别好。
「手撕香肉」吃不来了，同事喜欢[叹气]
「辣白菜炒饭」绝味，超辣口味，吃得过瘾～真得推荐，价格也可以。

全部7图片

22-01-05 更新于01-05 22:12 韩庄朝鲜料理

Reviews uploaded on 5 January 2022

“It is said that the waiters are all North Koreans and the waiters are also top students, the internship place...”

韩庄《韩庄》朝鲜料理

口味 (5.0) 环境 (5.0) 服务 (5.0)

真的是很正宗的一家朝鲜料理店，里面的服务员据说都是朝鲜受过教育的姑娘，小韩出来这边打工，道最正宗，价格最低，配料最足的一次，还有新鲜西瓜、鸭鸡蛋在里面，放在湖南吃的旁边比，另【部队火锅】也超正超好吃，朋友点了狗肉说很赞，作为养狗人士我是不敢动筷子。

喜欢的菜：酱汤 冷面 辣汤明太鱼 延边黄牛肉条 辣制五花肉

全部7图片

21-09-29 韩庄朝鲜料理

Reviews uploaded on 29 September 2021

“The waitresses inside are said to be educated North Korean girls who come here to work. Their service is super nice...”

Source: Baidu, annotated by the Panel.

■ 58. 真红朝鲜馆 (진홍조선관)



Source: Baidu, photo was uploaded in March 2019.



Photo uploaded on 23 January 2019

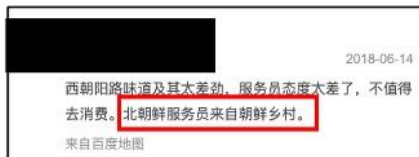
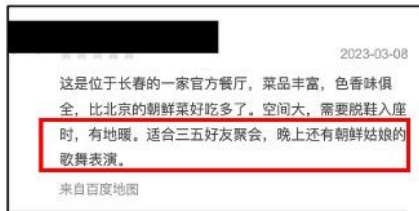
The photo shows a probable performance of DPRK nationals in the restaurant.

Source: Baidu (top), 携程旅行 (bottom), annotated by the Panel.

■ 60. 仁风阁(西朝阳路店) (인풍각 1호점)



Source: Baidu, photo was uploaded in March 2019.

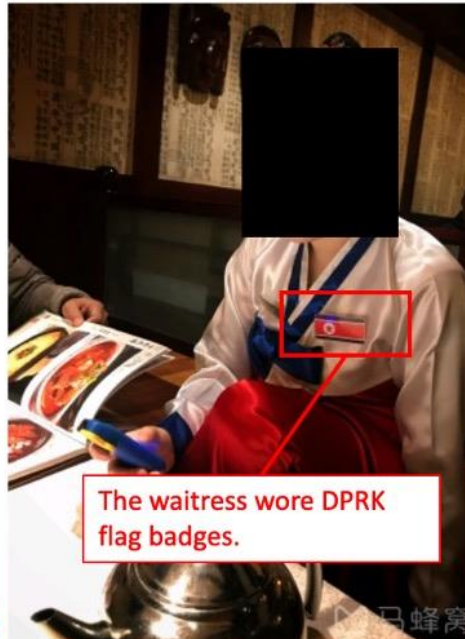


Reviews uploaded on 8 March 2023

"...there will be a singing and dancing performance by Korean girls in the evening"

Reviews uploaded on 8 March 2023


"...The North Korean servers come from rural areas in Korea."



Source: 马蜂窝, uploaded on 17 February 2019, annotated by the Panel.

Source: Baidu, annotated by the Panel.

- According to Comprehensive Foreign Investment Management Public Portal , DPRK company CO.TRADING INPUNG.D.P.R.K (朝鲜仁风会社) is an investor in the restaurant.



中华人民共和国商务部
业务系统统一平台

外商投资综合管理 公众端

长春市仁风餐饮有限公司

一、外商投资企业基本信息

企业名称	长春市仁风餐饮有限公司
统一社会信用代码/组织机构代码	912201017561597402
成立日期	2004年3月9日
投资行业	正餐服务
经营范围	餐饮服务、会议服务、餐饮管理。
注册资本	100万元人民币
法定代表人	党铁仁

二、外商投资企业投资者基本信息

投资者名称	国别(地区)	出资金额
四平市高勾丽餐饮有限公司	中国	75万元人民币
朝鲜仁风会社	朝鲜	25万元人民币

三、外商投资企业年报信息

序号	报送年度	详情
1	2017年度报告	查看
2	2016年度报告	查看
3	2015年度报告	查看
4	2014年度报告	查看
5	2013年度报告	查看
6	2012年度报告	查看

四、变更信息

序号	变更事项	变更前内容	变更后内容	变更日期
暂无变更信息数据				

二、外商投资企业投资者基本信息

投资者名称	国别(地区)	出资金额
四平市高勾丽餐饮有限公司	中国	75万元人民币
<u>朝鲜仁风会社</u>	<u>朝鲜</u>	25万元人民币

Investor name

CO.TRADING INPUNG.D.P.R.K

Country (region)

DPRK

Amount of contribution

250,000 yuan

Source: Comprehensive Foreign Investment Management Public Portal, annotated by the Panel.

■ 61. 仁风阁(卫星广场店) (인풍각 2호점)



Source: Baidu, photo was uploaded in April 2019 (left) and June 2020 (right), annotated by the panel.



Source: Baidu.



Source: Baidu (top), 携程旅行 (bottom), annotated by the Panel.

■ 62. 妙香山 (묘향산식당)



Source: Baidu, photo was uploaded on 30 June 2018.

2018-07-22

真的真的真的太太太好吃了...是我吃过的最好吃的韩餐
不枉费我跑了几千公里~喜欢集安 喜欢妙香山 真的妙
啊~ 红烧明太鱼非常新鲜 很入味 石锅拌饭的酱汁不甜
不辣也不咸 刚刚好 米和鱿鱼味道很像 好好吃哦 大
酱汤可以加汤 一碗吃到饱 冷面劲道 但因为我不太爱吃
冷面只尝了一口 煎豆腐真好吃 我不爱吃豆腐都吃了两
块 牛肉盖不推荐 骨头超级多 而且咬不动 但是炖的
我还是给了五星~ 服务员和老板都是朝鲜人 超级美
丽的 还有歌舞表演可以看 强烈推荐 想住在集安了 回
北京吃不到这么好吃的朝鲜餐了[大哭][大哭]

美食美图

Reviews uploaded on 22 July 2018

"...The waitstaff and the boss were all Korean and super good-looking. They also had song and dance performances, highly recommended..."

Source: Baidu, annotated by the Panel.



国家企业信用信息公示系统

National Enterprise Credit Information Publicity System

企业信用信息 | 经营异常名录 | 严重违法失信名单

请输入企业名称、统一社会信用代码或注册号



集安市妙香山进出口贸易有限公司

存续 (在营、开业、在册)

统一社会信用代码: 912205825846024267

注册号:

法定代表人: 邹德强

登记机关: 集安市市场监督管理局

成立日期: 2011年10月26日

发送报告

信息分享

信息打印

基础信息 | 行政许可信息 | 行政处罚信息 | 列入经营异常名录信息 | 列入严重违法失信名单 (黑名单) 信息 | 公告信息

营业执照信息

统一社会信用代码: 912205825846024267

注册号:

类型: 有限责任公司(自然人投资或控股)

注册资本: 500.000000万

登记机关: 集安市市场监督管理局

住所: 集安市锦江西区妙香山酒店一楼

经营范围: 一般项目: 货物进出口; 木材加工; 木材销售; 服装制造; 美发饰品生产; 电子元器件制造; 电子元器件批发; 建筑装饰材料销售; 五金产品零售; 水泥制品销售; 建筑防水卷材产品销售; 建筑用石加工; 人力资源服务 (不含职业中介活动、劳务派遣服务); 劳务服务 (不含劳务派遣)。 (除依法须经批准的项目外, 凭营业执照依法自主开展经营活动)

企业名称: 集安市妙香山进出口贸易有限公司

法定代表人: 邹德强

成立日期: 2011年10月26日

核准日期: 2023年02月03日

登记状态: 存续 (在营、开业、在册)

提示: 根据《市场主体登记管理条例》及其实施细则, 按照《市场监管总局办公厅关于调整营业执照照面事项的通知》要求, 国家企业信用信息公示系统将营业执照照面公示内容作相应调整, 详见https://gkml.samr.gov.cn/nsjg/djzc/202209/t20220901_349745.html

请登录后查看更多信息

Chinese corporate registry shows that the company is active, and its service is General Projects: Import and export of goods; Timber processing; Timber sales; Clothing manufacturing; Hair accessories production; Electronic components manufacturing; Wholesale of electronic components; Sales of building decoration materials; Retail of hardware products; Sales of cement products; Sales of building waterproofing membrane products; Processing of construction stones; Human resources services (excluding employment agency activities and labor dispatch services); Labor services (excluding labor dispatch).

Source: National Enterprise Credit Information Publicity System, annotated by the Panel.

■ 65. 豆满江烧烤 (평양두만강불고기)



Source: Baidu, annotated by the Panel.

Annex 67: Laotian Corporate Registry Records

Based on Laotian corporate registry documents, Sindat BBQ Korean Restaurant Sole Co., Ltd, Sindat BBQ Korean Restaurant 2, and Paektu Hanna Restaurant Sole Co., Ltd were registered by the same individual, Ms. Bountheung Vongpanya (Ms ບຸນເຊິງ ວົງບັນຍາ). The Panel notes that the registered addresses of the recently-incorporated 1) Sindat BBQ Korean Restaurant Sole Co., Ltd and the closed 2) Korea Pyngyang Restaurant Sole Co., Ltd appear to be the same, indicating that Korea Pyngyang Restaurant Sole Co., Ltd may have simply had its name and ownership information changed and continues to operate to the benefit of DPRK nationals.

1) Sindat BBQ Korean Restaurant Sole Co., Ltd (Vientiane)

Enterprise Registration Details

Enterprise Number	0100025212
Lao Enterprise and Name	ສິນດາບາບຸກຸນ ຊີນດາບາບຸກຸນ ສົມຄວນ ຈຳກັດ
English Enterprise Name	Sindat BBQ Korean Restaurant Sole Co., Ltd
Registered By	Ms ບຸນເຊິງ ວົງບັນຍາ Ms. Bountheung Vongpanya
Registration Date	22-09-2022
Status	Active
Province	Vientiane Capital
District	Xaysetha
Village	Nongbon
Tax Information Number	051678849000
Tax Registration Date	03/05/2022
Tax Status	Active
VAT Status	Registered


The map shows the approximate location of Nongbon Village

Notes:
Copies of these records of this enterprise can be bought or viewed at the MoIC central office in Vientiane Capital.
This information is accurate as of 23-09-2023


Search Again

Source: Laos National Enterprise Database, <http://www.ned.moic.gov.la/index.php/en/explore-data-en/search>, annotated by the Panel.

2) Korea Pyngyang Restaurant Sole Co., Ltd (Vientiane)



ຖານຂໍ້ມູນວິສາຫະກິດແຫ່ງຊາດ
National Enterprise Database



ກະຊວງອຸດສາຫະກຳ ແລະ ການຄ້າ
ກົມສະບຽບ ແລະ ຄຸ້ມຄອງວິສາຫະກິດ
MINISTRY OF INDUSTRY AND COMMERCE
ENTERPRISE REGISTRATION AND MANAGEMENT DEPARTMENT

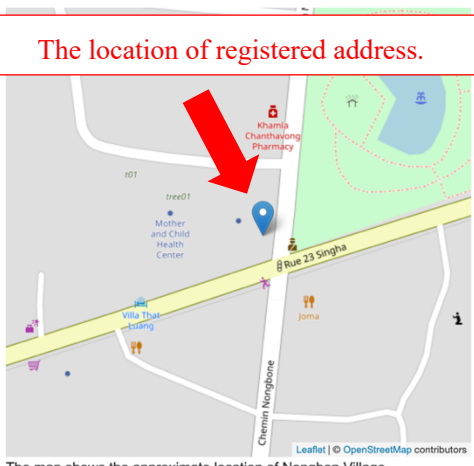
[Home](#)
[Registration](#)
[Explore Data](#)
[Downloads](#)
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Enterprise Registration Details

Enterprise Number	0100011311
Lao Enterprise and Name	ຮ້ານ ອາຫານ ເກີຍປິງຍາງ ຈຳກັດຜູ້ດຽວ
English Enterprise Name	KOREA PYNGYANG RESTAURANT SOLE CO.,LTD
Registered By	Mr PAK YUN IL
Registration Date	15-12-2016
Status	Cancelled 16-06-2020
Province	Vientiane Capital
District	Xaysetha
Village	Nongbon

Tax information not available for this enterprise

The location of registered address.



The map shows the approximate location of Nongbon Village

Notes:


Copies of these records of this enterprise can be bought or viewed at the MoIC central office in Vientiane Capital.

This information is accurate as of 23-09-2023


Search Again

Source: Laos National Enterprise Database, <http://www.ned.moic.gov.la/index.php/en/explore-data-en/search>, annotated by the Panel.

3) Sindat BBQ Korean Restaurant 2 (Vang Vieng)



ຖານຂໍ້ມູນວິສາຫະກິດແຫ່ງຊາດ
National Enterprise Database



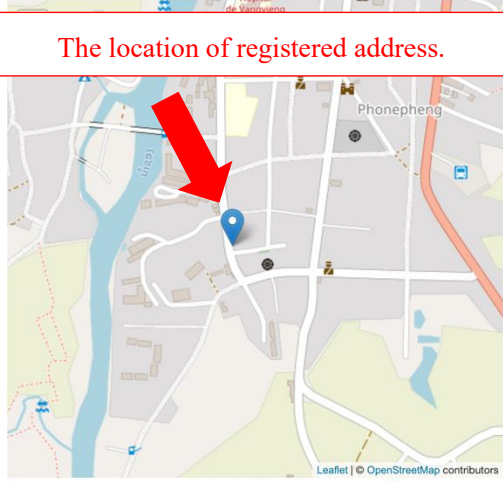
ກະຊວງອຸດສາຫະກຳ ແລະ ການຄ້າ
ກົມຍານຍຸງ ແລະ ຄຸ້ມຄອງວິສາຫະກິດ
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ENTERPRISE REGISTRATION AND MANAGEMENT DEPARTMENT

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Enterprise Registration Details

Enterprise Number	100500001530
Lao Enterprise and Name	ຮ້ານອາຫານ ຊີນດາດເກົາຫຼີວິທີ 2
English Enterprise Name	Sindat BBQ Korean Restaurant 2
Registered By	Ms ບຸນເຖິງ ວົງປັນຍາ Ms. Bountheung Vongpanya
Registration Date	12-10-2022
Status	Active
Province	Vientiane
District	Vangvieng
Village	Muangxong
Tax information not available for this enterprise	

The location of registered address.



The map shows the approximate location of Muangxong Village

Notes:


Copies of these records of this enterprise can be bought at the MoIC in Vangvieng district office of Vientiane province.

This information is accurate as of 19-11-2018


Search Again

Source: Laos National Enterprise Database, <http://www.ned.moic.gov.la/index.php/en/explore-data-en/search>, annotated by the Panel.

4) Paektu Hanna Restaurant Sole Co., Ltd (Vientiane)



ຖານຂໍ້ມູນວິສາຫະກິດແຫ່ງຊາດ
National Enterprise Database

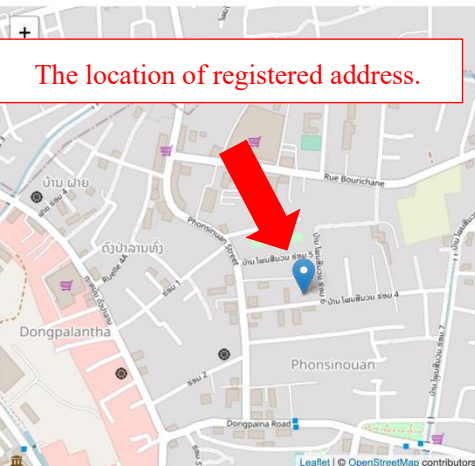


ກະຊວງອຸດສາຫະກຳ ແລະ ການຄ້າ
ກົມອາຍຸກມ ແລະ ຄຸ້ນຄອງວິສາຫະກິດ
MINISTRY OF INDUSTRY AND COMMERCE
ENTERPRISE REGISTRATION AND MANAGEMENT DEPARTMENT

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Enterprise Registration Details

Enterprise Number	0100023582
Lao Enterprise and Name	ຮ້ານອາຫານ ແປັກຕູຫຼວງ ຈຳກັດຜູ້ດຽວ
English Enterprise Name	PAEKTU HANNA RESTAURANT SOLE CO.,LTD
Registered By	Ms ບຸນເຖິງ ວົງປັນຍາ Ms. Buntheung Vogpanya
Registration Date	13-01-2020
Status	Active
Province	Vientiane Capital
District	Sisattanak
Village	Phonsinouan
Tax Information Number	642804661000
Tax Registration Date	10/02/2021
Tax Status	Active
VAT Status	Not registered



The location of registered address.

The map shows the approximate location of Phonsinouan Village

Notes:

Copies of these records of this enterprise can be bought or viewed at the MoIC central office in Vientiane Capital.

This information is accurate as of 22-09-2023

Search Again

Source: Laos National Enterprise Database, <http://www.ned.moic.gov.la/index.php/en/explore-data-en/search>, annotated by the Panel.

Annex 68: Additional source information on suspected DPRK Restaurants

1) Sindat BBQ Restaurant (formerly the That Luang Pyongyang Restaurant)



Source: The Panel (top), Google (bottom); annotated by the Panel.



Source: The Panel; image captured July 2023.

2) Paektu Hanna Restaurant



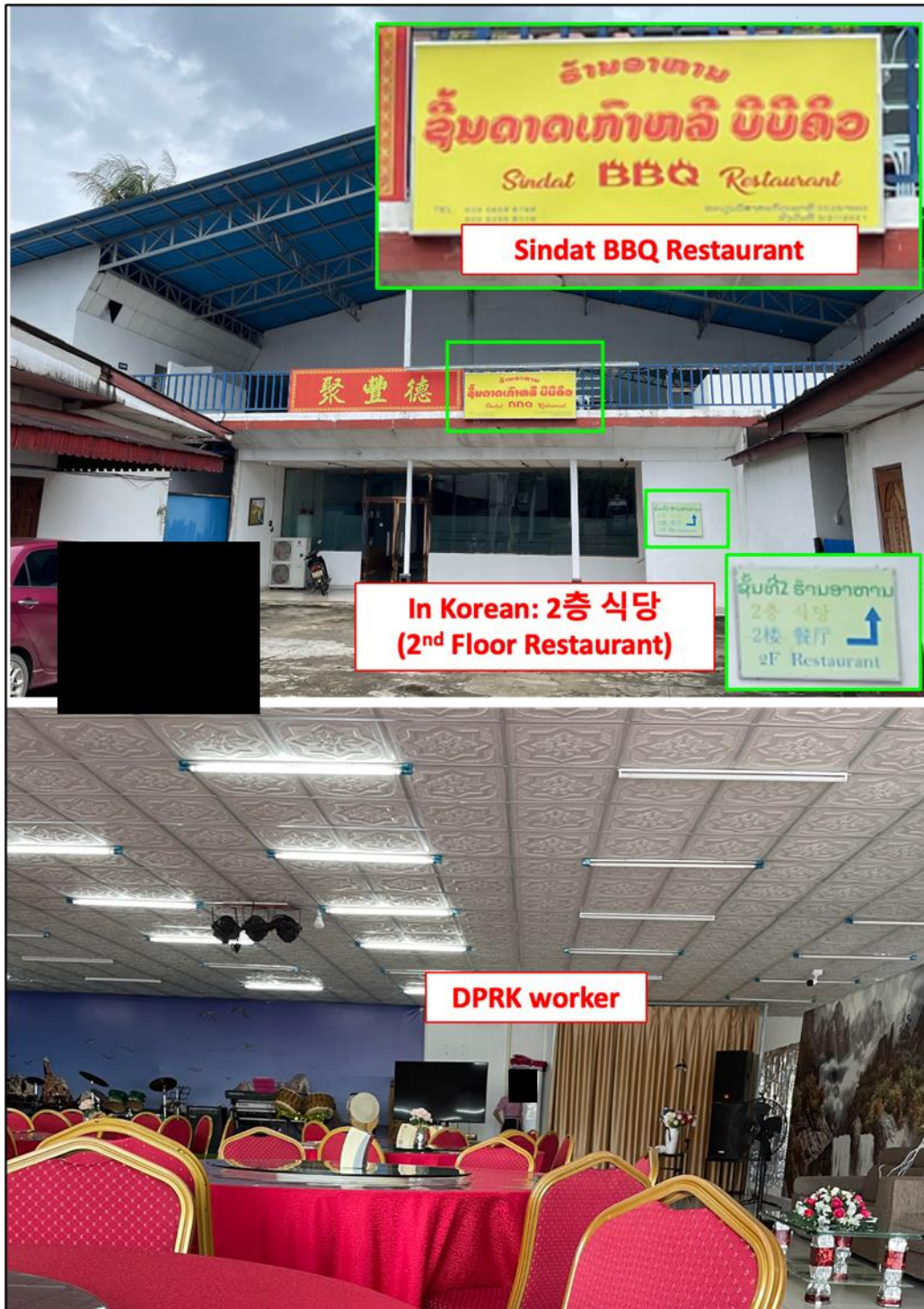
Source: The Panel; images captured July 2023.

3) Tokyo Sushi & Teppanyaki



Source: The Panel; images captured July 2023.

4) Sindat BBQ Restaurant 2 (formerly Vang Vieng Pyongyang Restaurant)



Source: The Panel; images captured August 2023.

Annex 69²⁴¹ : Media report about DPRK workers in China

China's North Korean eateries refuse South Korean diners

Beijing (AFP) – South Koreans hoping to taste authentic North Korean cuisine abroad may be out of luck, with Pyongyang-run restaurants across northern China saying they will refuse to serve their capitalist compatriots.

Issued on: 06/10/2023 - 09:41 Modified: 06/10/2023 - 10:44

Dotted throughout China and Southeast Asia, North Korean-run restaurants dish up culinary staples like cold noodles and kimchi pancakes to customers typically more interested in the novelty factor than the cuisine.

Staffed by waitresses hand-picked from the country's elite for loyalty -- and who often perform musical numbers for customers -- they are a major source of funds for Pyongyang.

And for South Koreans they have long offered a quirky opportunity to break bread with their longtime foe while abroad -- and enjoy some schmaltzy song and dance on the side.

But half a dozen branches in China, from restaurants in the capital Beijing to cities in the borderland, told AFP they would not serve South Koreans.

"This rule came into effect this year," said one Chinese staff member at Ryugyong restaurant in Dandong -- a stone's throw from the diplomatically isolated nation.

"We have to comply," said the staff member, who did not give their name.

"There is a regulation from the North Korean embassy: None of the North Korean restaurants in Dandong are permitted to serve South Koreans."

'Very hostile'

The rules meanwhile appear to be applied inconsistently: eateries surveyed by AFP in Shanghai, Changchun and Hanoi in neighbouring Vietnam said they had no issue with South Koreans dining there. But others were downright hostile at the mention of South Korean guests.

"We hate them!" said one North Korean worker in Shenyang -- a hub in northeast China where North and South Koreans frequently rub shoulders.

"If you bring a South Korean friend, we will not accept them... and won't serve them."

North Korea's embassy in Beijing did not respond to a request for comment.

One former South Korean government official said he was asked to leave a North Korean restaurant in Dandong after staff heard him speaking their shared language with a friend.

²⁴¹ One member of the Panel is of the view that the information in this Annex should be further corroborated and disagrees with the allegation of these restaurants employing DPRK workers.



"The tone was very hostile," said the man, who asked not to be named.

North Korean restaurants are dotted throughout China and Southeast Asia © Nhac NGUYEN / AFP

"I felt very frustrated, awkward. I felt sorry for them."

Before visiting Dandong, he said he had heard that North Korea's leader Kim Jong Un had instructed restaurants to stop serving South Koreans.

These bans have happened before, he said -- usually when inter-Korean relations fall to a low ebb.

"But knowing it and experiencing it is different," he said.

"Being rejected to your face... that's really bad."

'Enemy state'

After a brief easing of tensions in the late 2010s helped by three summits between North Korean leader Kim Jong Un and South Korea's then-president Moon Jae-in, relations between Seoul and Pyongyang have nosedived.

In a speech last month, South Korean President Yoon Suk Yeol warned Pyongyang that "its regime will be brought to an end" if it ever used nuclear weapons.

Pyongyang meanwhile has repeatedly derided the "puppet" government in Seoul as it this year has conducted a record number of missile tests.

"The North's ban on South Korean visitors is in line with its aggressive posture when dealing with the South," Hong Min, at the Korea Institute for National Unification, told AFP.

"It's demonstrative of its view that South Korea is an enemy state rather than one it can cooperate with."

South Korea's unification ministry -- which manages relations with the North -- declined to comment.

"We can assume it is linked to the Yoon government and general deterioration of relations during his administration," said Chris Green, a Korea expert at the Netherlands' Leiden University.

Those tensions now mean that South Koreans looking to experience the cuisine of a neighbour cut off for over 70 years may have to look elsewhere.

"We can't do that," a woman who answered the phone at Beijing's Okryu restaurant said when asked if South Koreans could dine there.

The waitresses "will know they are South Korean as soon as they look at them".

Source: <https://www.france24.com/en/live-news/20231006-china-s-north-korean-eateries-refuse-south-korean-diners>.

Annex 70: Restaurants in Russia which are suspected of employing DPRK nationals

According to Member State information and the Panel's investigations, DPRK nationals have been working in at least four restaurants in Russia: one in Moscow; two in Vladivostok; and one in Yuzhno-Sakhalinsk. The Russian Federation replied that "no violations of the sanctions regime in accordance with the relevant resolutions of the UN Security Council has been identified" (annex 71).

1) Moscow

Social media images suggest that restaurant "Koryo (Корё)" appeared to be open and active as of April 2023. Russian corporate registry showed that the restaurant was managed by ООО "КОРЁ" and that at least three probable DPRK nationals have been involved as director and shareholders since its incorporation in 2009. The registry data indicate that the company was closed in September 2021. Social media indicate that there were most likely DPRK waitresses serving in the restaurant in 2023. According to the Member State's information, 13 DPRK nationals have worked for the restaurant.

The Panel notes a change in the restaurant's entrance sign between 2018 and 2022. Photos taken in May 2018 showed the name of the restaurant in both Russian and Korean, "Пхеньянский Ресторан Корё (Pyongyang Restaurant Koryo)" and "평양고려 (Pyongyang Koryo)" respectively. These signs were removed at some point after May 2018 and only the Russian name "Ресторан Корё (Restaurant Koryo)" has been displayed since then.

Figure 1: Russian Registry Information for ООО "КОРЁ"

- Company: ООО "КОРЁ", ОГРН 1097746617638
 - Probable DPRK national КИМ ЕН ЧЕР (Kim Yong Chol), ГРН 2127746369980
 - Probable DPRK national КИМ Е СОН (Kim Ye Sung), ИНН 772590828585
 - Probable DPRK national РЁН ЧЖОН ГИР (Ryeong Jeong Gil)
 - Russian national РАДЖАБОВ ШУХРАТ ГУЛЯМОВИЧ (Radzhabov Shuhrat Guljamovich), ИНН 771996516419

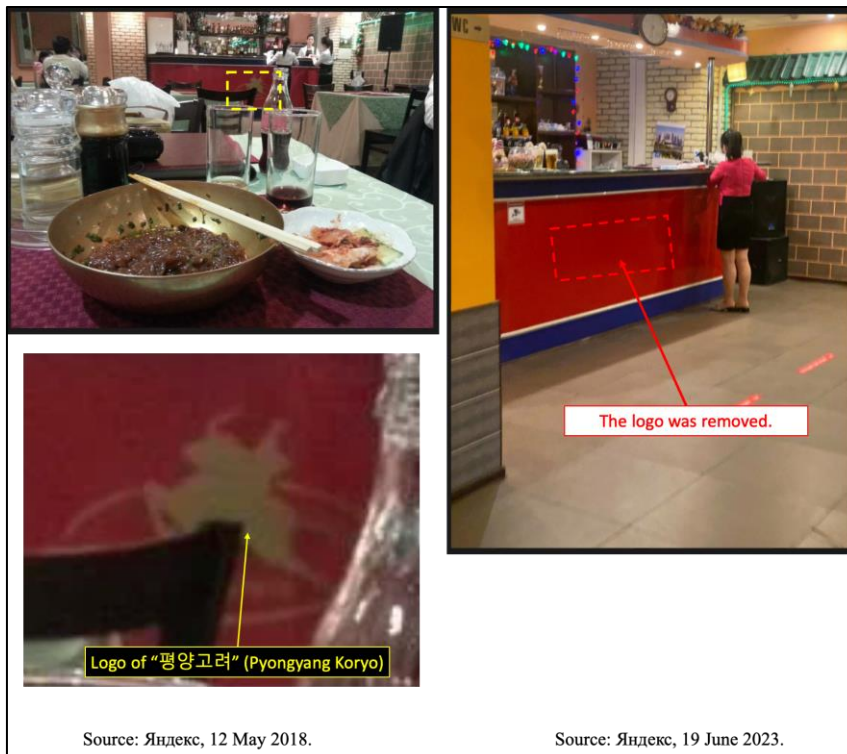
Figure 2: Comparison of entrance of Restaurant Koryo in 2018 (left) and 2022 (right)**Figure 3: Comparison of inside of Restaurant Koryo in 2018 (left) and 2023 (right)**

Figure 4: Image of inside the restaurant (taken from social media)



Source: YouTube, uploaded in April 2023 (annotated by the Panel).

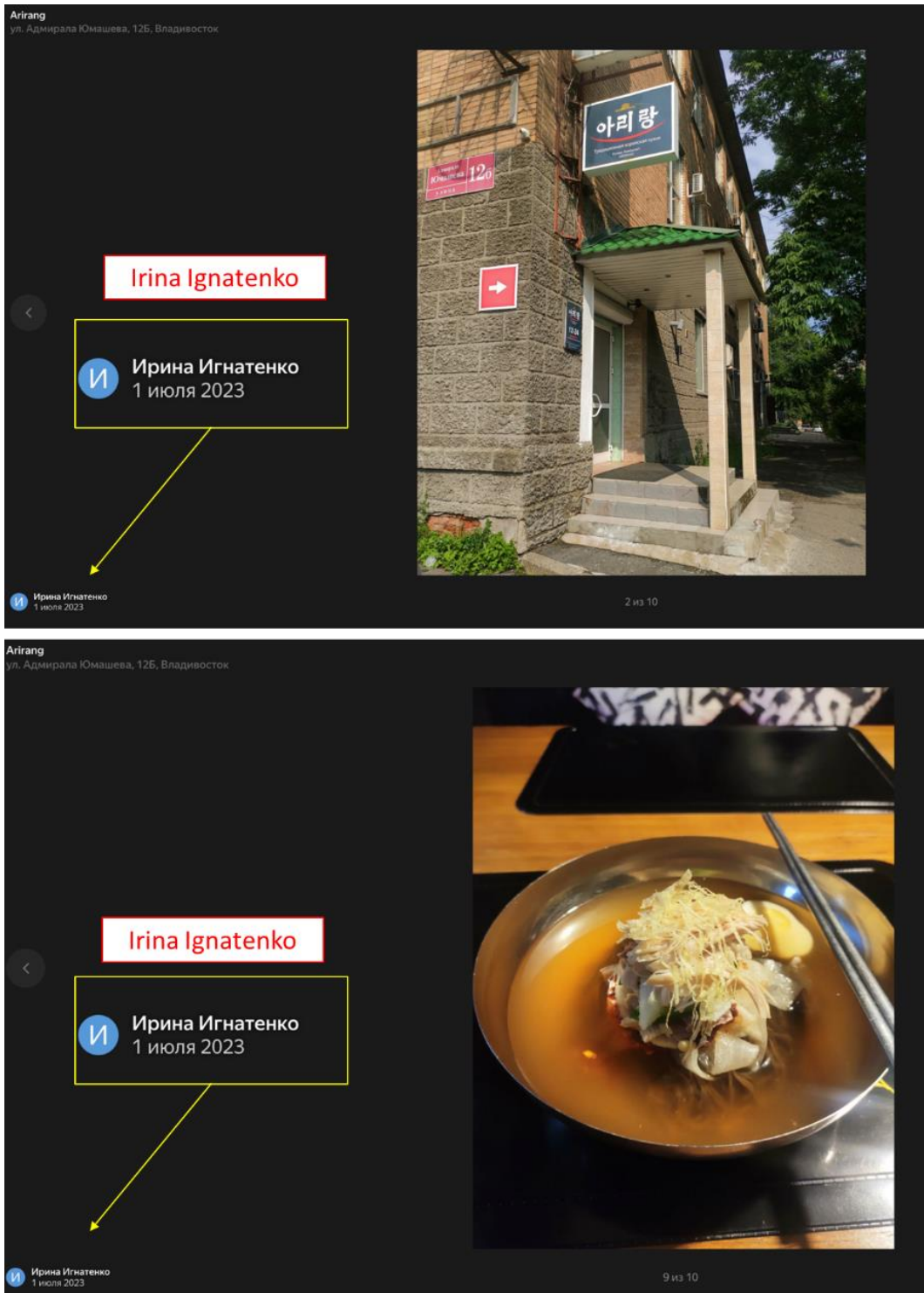
2) Vladivostok

1. **“Arirang (아리랑)”**: Social media images suggest that Korean restaurant “Arirang (아리랑)” was open and active as of July 2023. Russian corporate registry data shows that the restaurant was managed by ООО “АРИРАНГ”, with a Russian director, a DPRK shareholder, and an incorporation date of 31 October 2022.

Figure 1: Russian Registry Information about ООО “АРИРАНГ” and DPRK national and Russian national

- Company: ООО “АРИРАНГ”, ГРН 1222500027100
 - ШИН ХЕ ОК (Shin Hye Ok)
 - ИГНАТЕНКО ИРИНА НИКОЛАЕВНА (Ignatenko Irina Nikolaevna), Russian, ИНН 253802000907

Figure 2: Photos of restaurant “Arirang (АРИРАНГ)” (see also annex 79)



Source: Yandex, uploaded on 1 July 2023 (annotated by the Panel).

Figure 3: Russian corporate registry of ООО “АРИРАНГ” (excerpt)

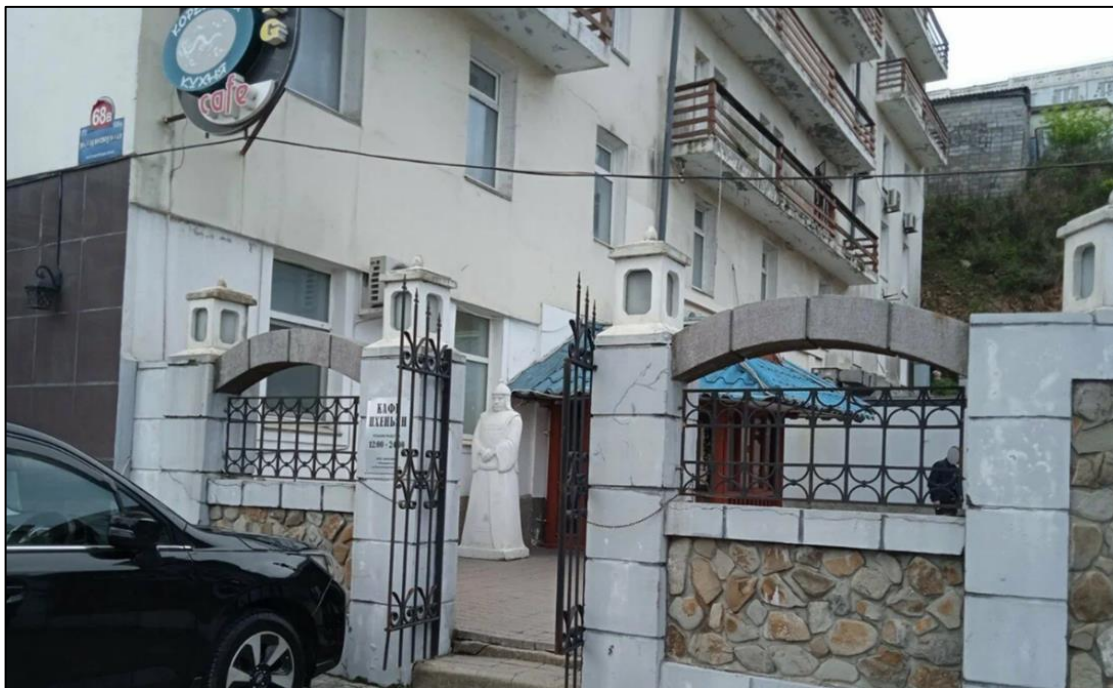
№ п/п	Наименование показателя	Значение показателя	
1	2	3	
Наименование			
1	Полное наименование на русском языке Full Name	ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "АРИРАНГ"	Limited Liability Company "Arirang"
2	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1222500027100 31.10.2022	State Registration Number and date of the registration number for Unified State Register of Legal Entities 31 October 2022
3	Сокращенное наименование на русском языке	ООО "АРИРАНГ"	
4	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1222500027100 31.10.2022	
Сведения о лице, имеющем право без доверенности действовать от имени юридического лица			
Information of official representative			
18	ГРН и дата внесения в ЕГРЮЛ сведений о данном лице	2222501012920 01.12.2022	
19	Фамилия Имя Отчество	ИГНАТЕНКО ИРИНА НИКОЛАЕВНА	IGNATENKO IRINA NIKOLAEVNA
20	ИНН	253802000907	
21	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2222501012920 01.12.2022	
22	Должность	ДИРЕКТОР	Director
23	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2222501012920 01.12.2022	
24	Пол	женский	
25	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2222501012920 01.12.2022	
26	Гражданство	гражданин Российской Федерации	
Сведения об участниках / учредителях юридического лица			
Information of shareholders			
30	ГРН и дата внесения в ЕГРЮЛ сведений о данном лице	1222500027100 31.10.2022	
31	Фамилия Имя	ШИН ХЕ ОК	SHIN HYE OK
32	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1222500027100 31.10.2022	
33	Пол	женский	
34	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1222500027100 31.10.2022	
35	Гражданство Nationality	иностраннй гражданин Корейская Народно-Демократическая Республика	Foreign national Democratic People's Republic of Korea

Source: Russian corporate registry Unified State Register of Legal Entities (Единого государственного реестра юридических лиц).

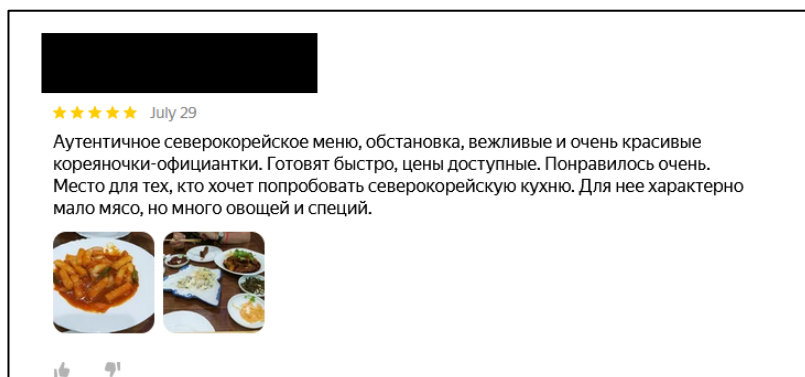
“Cafe Pyongyang (Кафе Пхеньян)”: Social media images suggest that Korean restaurant “Cafe Pyongyang (Кафе Пхеньян)” appeared to be open and active as of July 2023. Russian corporate registry information showed that the restaurant is managed by ООО “МАКСИМ”, directed by a Russian national and a probable DPRK national. Another DPRK national is a former shareholder; this individual is currently the director of another Vladivostok-based company involved in computer software development. Photos and reviews of the restaurant were uploaded to Russian search websites as of July and August 2023, respectively, further confirming that the restaurant is active. According to a Member State, 12 DPRK national have worked for Café Pyongyang.

- **Figure 1: Russian Registry Information about ООО “МАКСИМ” Company:** ООО “МАКСИМ”, ГРН 1032502269601
 - **КИМ СОНГ КУМ (Kim Song Kum)**
 - **ЗУ ЕН ЧЕЛ (Chu Yong Chol), ИНН 254001922108**
 - Russian national КОСУШКИНА МАРИНА СТЕПАНОВНА (Kosushkina Marina Stepanovna), ИНН 253811784655

Figure 2: Photos of Korean restaurant “Cafe Pyongyang (Кафе Пхеньян)” (top) and recent reviews on Russian social media (bottom)



Source: Яндекс, 18 May 2023.



Source: Яндекс.

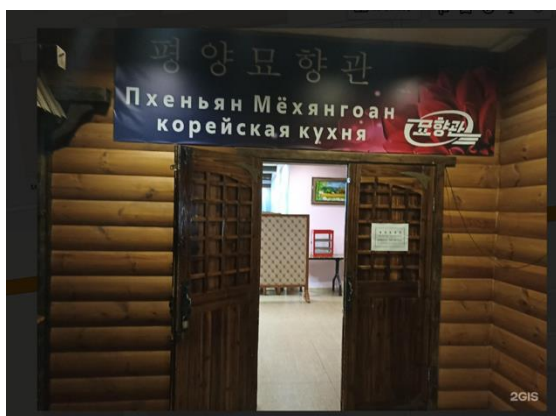
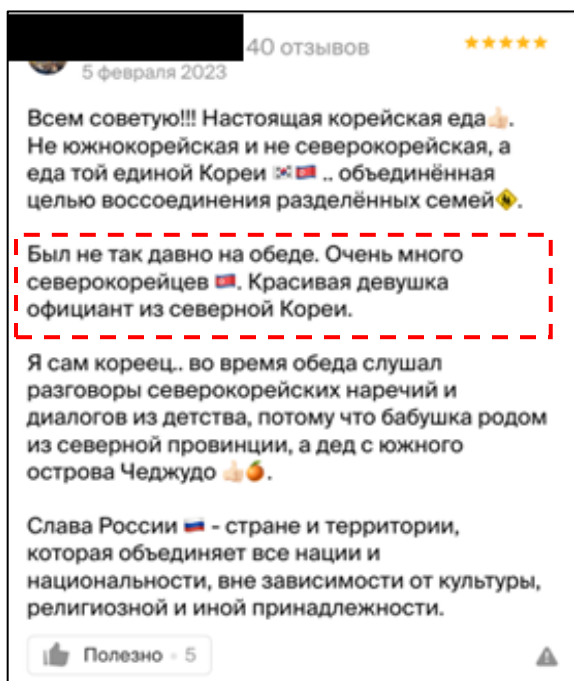
(Translation)

...An authentic North Korean menu, ambiance, polite and very beautiful Korean waitress...

3) Yuzhno-Sakhalinsk

Social media images suggest that Korean restaurant “Pyongyang Myohyangoan (평양묘향, Пхеньян Мёхянгоан)” was open and active as of August 2023. Reviews of the restaurant were uploaded on a Russian search website in February 2023, stating that DPRK nationals were serving as waitresses in the restaurant.

Figure 1: Photos of Korean restaurant “Pyongyang Myohyangoan” (top) and recent reviews on Russian social media (bottom).



(Translation)

I was recently at lunch. Many North Koreans were there. A beautiful waitress from North Korea.

Source: 2GIS.

Annex 71: Reply from the Russian Federation

The restaurant "Koryo" was liquidated in September 2021. There is no information about its affiliation with any North Korean companies or nationals.

"Maxim" LLC was established in 2003. From 2003 to 2018 the general director of this legal entity was a DPRK citizen Chu Yong Chol (Чу Ён Чхоль). Since 2018 up to now, this position has been held by a Russian citizen. There is no information about the cases of employment of North Koreans in this organization.

"SKR-Trading" LLC was founded in 2003 by Chu Yong Chol, who served as its general director. Currently, this legal entity is in the process of liquidation and does not conduct any financial and economic activities.

The head of "Arirang" LLC, established in October 2022, is a Russian citizen.

The North Korean cuisine cafe "Pyongyang MehYanggoan", was established in February 2019 by a Russian individual entrepreneur. This entity, under the agreement with one of the Russian institutes, conducts pastry cooking classes in accordance with the educational program for North Korean students.

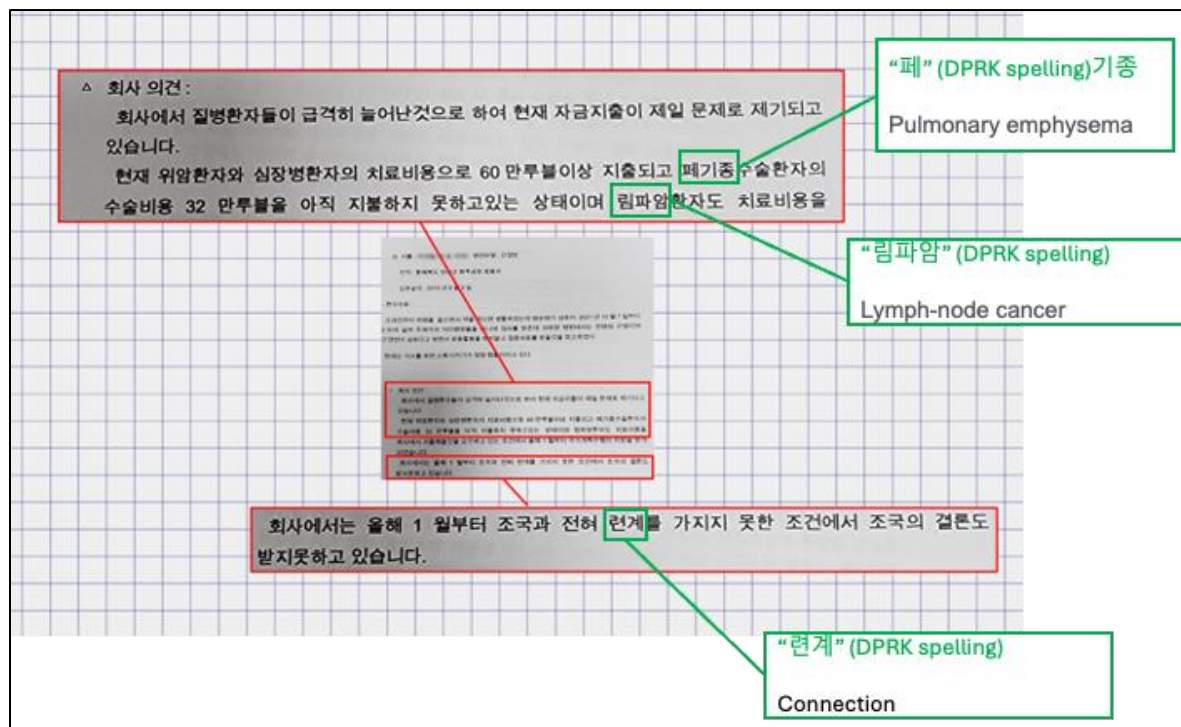
Since December 2019 up to the present time all of the above-mentioned entities have not entered into labor agreements with DPRK citizens, have not applied for work permits for North Korean citizens and have not applied for forms of joint venture. There is no information on profit-making by North Koreans from the activities of these entities. Overall no violations of the sanctions regime in accordance with the relevant resolutions of the UN Security Council has been identified.

Source: Member State.

Annex 72: Media report about Khabarovsk-based DPRK construction company “The First Construction Company (제 1 건설회사)”

According to a media report²⁴² and information obtained by the Panel, at least 58 DPRK nationals were working at a Khabarovsk-based DPRK construction company “The First Construction Company (제 1 건설회사)” as of 2022. The expert consulted by the media organization confirmed that specific words in the company’s internal documentation were written in DPRK vernacular. The document explains that the number of patients has surged and treatment fees also increased accordingly which became a major problem. The company implied that their financial situation could affect implementation of [DPRK] national plan. It tried to reach out to Pyongyang on this matter, however has not received any answer. As can be seen in the response from Russian Federation (see below), Air Koryo operated seven flights from Vladivostok to Pyongyang, transporting 630 DPRK citizens with various diseases in 2023, and when crossing the state border, they carried hand luggage with personal belongings (see annex 74).

Examples of DPRK vernacular



Source: RFA, annotated by the Panel.

²⁴² See https://www.rfa.org/korean/in_focus/food_international_org/workershealth-09202023163056.html.

Annex 73: Reply from Russian Federation

In this regard, we would like to inform the Panel that the company entitled “The First Construction Company” is not registered in the Unified State Register of Legal Entities of the Russian Federation. There is no data on the issuance by this organization of contracts with Russian contractors for the provision of migrant workers from the DPRK, nor on the opening of accounts in Russian banks. No work permits were issued to DPRK citizens for labor activities for a company entitled "The First Construction Company". No notification on the conclusion of relevant labor or civil law contracts related to provision of services have been received. In 2021-2023, no applications were submitted by employers or contractors on the need to hire foreign workers from the DPRK to fill vacant or newly created jobs.

No quota for the North Korean labor force was allocated to Khabarovsk Krai enterprises. There are North Korean citizens with expired study visas in Khabarovsk Krai who have been unable to return to their home country since the termination of transportation channels with the DPRK. Those DPRK nationals are not engaged in labor in the region.

In 2023, North Korea's Air Koryo operated seven flights from Vladivostok to Pyongyang to transport 630 DPRK citizens with various diseases. When crossing the state border, they carried hand luggage with personal belongings.

Source: Member State.

Annex 74: Reply from the Russian Federation on repatriation of DPRK overseas workers in 2023

The Panel has enquired to the Russian Federation about the repatriation of DPRK nationals, given the partial re-opening of the DPRK border in 2023. The Russia Federation replied that “In 2023, North Korea's Air Koryo operated seven flights from Vladivostok to Pyongyang to transport 630 DPRK citizens with various diseases. When crossing the state border, they carried hand luggage with personal belongings”.

434/615 **Annex 75: Russian court cases involving DPRK nationals earning income²⁴³**

S/2024/215

Note: Case defendants were charged under a number of Russian legal codes, including:

- *Code of the Russian Federation on Administrative Offenses, articles*
 - *15.25 ("Breach of the Currency Legislation of the Russian Federation and Acts of Currency Regulation Bodies"),*
 - *18.8 ("Violation by an Alien or a Stateless Person of the Rules for Entry into the Russian Federation or of the Regime for Staying (Living) in the Russian Federation"),*
 - *18.10 ("Unlawful Exercise by a Foreign Citizen or Stateless Person of Labour Activities in the Russian Federation "),*
 - *18.11 ("Violating Immigration Rules"),*
 - *18.15 ("Unlawful Engagement of a Foreign Citizen or Stateless Person in Labour Activities in the Russian Federation"),*
 - *20.25 ("Nonpayment of the Administrative Fine or Willful Departure from the Place of Serving the Administrative Arrest")*
- *Civil Code of the Russian Federation, article*
 - *1102 ("The Obligation to Return Unjust Enrichment")*
- *Criminal Code of the Russian Federation, articles*
 - *216 ("Violation of Safety Rules in Mining, Building, and Other Activities")*
 - *109 ("Infliction of Death by Negligence")*
- *Federal Law on the Legal Status of Foreign Citizens, article*
 - *13 ("Terms for Foreign Citizens' Participation in Labour Relations")*

See [Annex 75.1](#) for excerpts of the associated court case documentation.

²⁴³ One member of the Panel is of the view that this case should be further corroborated.

Name	Company information	Identified court cases, 2021-2023	Court Case Outcome(s)
Anfilada OOO (OOO “Анфилада”)	Address: 690011, Primorski kr., g. Vladivostok, ul. Borisenko, d. 70 kv. 26, Russian Federation OGRN: 1092537001138	<ul style="list-style-type: none"> • 5-10/2023 (5-1005/2022), employment of DPRK national Shin Chul Sun • 5-9/2023 (5-1004/2022), employment of DPRK national Kim Suk Il 	In both cases: administrative proceedings terminated due to lack of an administrative offense
Baryshnikova, Evgeniya Andreevna (individual entrepreneur)	Address: Irkutskaya oblast, Irkutsk, Oktyabrski, Russian Federation OGRNIP: 309385011800150	<ul style="list-style-type: none"> • 5-43/2023, employment of DPRK national Han Yong Ho (DOB 1964) • 5-44/2023, employment of DPRK national Hwang Hu Nam (DOB 1965) • 5-45/2023, employment of a DPRK national • 5-46/2023, employment of a DPRK national • 5-47/2023, employment of DPRK national Kim Ok Chol (DOB 1979) • 5-48/2023, employment of a DPRK national with passport number 390430598 	In all cases: E.A. Baryshnikova found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 125,000 roubles.
Ciana, OOO (OOO “Диана”)	Address: 121609, g. Moskva, ul. Osennyaya, d. 17 k. 1 пом. 1 ком. 146, Russian Federation OGRN: 1157746826907	<ul style="list-style-type: none"> • 5-1590/2021, employment of DPRK national Kim I.Ch. • 5-1596/2021, employment of DPRK national Song I.Z. 	In both cases: company found guilty of committing an administrative offense with punishment of an administrative fine, in one case in the amount of 200,000 roubles and in the other case, an undisclosed amount of roubles.

SZ 'DKK-DV', OOO (OOO C3 "ДКК-ДВ")	Address: 692760, Primorski krai, g.o. Artemovski, g Artem, ul Frunze, d. 43, ofis 1, Russian Federation OGRN: 1192536031863	<ul style="list-style-type: none"> • 5-10/2023 (5-1005/2022), employment of DPRK national Shin Chul-sun • 5-9/2023 (5-1004/2022), employment of DPRK national Kim Suk-il • 5-1550/2021, employment of DPRK national Ri Yong-chol • 5-1523/2021, employment of DPRK national Kim Yoon-chul • 5-1515/2021, employment of DPRK national Ri Yoon-chol • 5-1529/2021, employment of DPRK national Ri Sung-nam • 5-1531/2021, employment of DPRK national Ma Seong • 5-1520/2021, employment of DPRK national Pak Myong-il • 5-1527/2021, employment of DPRK national Pak Song-kook • 5-1525/2021, employment of DPRK national Ri Syung-haek • 5-1518/2021, employment of DPRK national Hwang Yoon-shik • 5-1522/2021, employment of DPRK national Choe Yong Ho • 5-1517/2021, employment of DPRK national Chae Kwang-hak • 5-1534/2021, employment of DPRK national Yun Kwang-sen • 5-1533/2021, employment of unnamed DPRK national "Un" • 5-1524/2021, employment of unnamed DPRK national "Jin" • 5-1530/2021, employment of unnamed DPRK national "Chol" • 5-1528/2021, employment of unnamed DPRK national "Chen" • 5-1521/2021, employment of unnamed DPRK national "Ho" • 5-1519/2021, employment of unnamed DPRK national "Chen" • 5-1526/2021, employment of unnamed DPRK national "Ren" • 5-1551/2021, for employing DPRK nationals, Martyanov Alexander Valerievich (INN 251107281473) 	<p>In 19 cases: company found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 125,000 roubles.</p> <p>In one case (5-1551/2021): company found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 25,000 roubles.</p> <p>In two cases (5-9/2023 and 5-10/2023): administrative proceedings terminated due to lack of an administrative offense</p>
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<p>JSC Dzerzhinsk Garment Factory "RUS" (aka AO DSHF "RUS", AO ДШФ "РУСЬ")</p>	<p>Address 1: 129626, g. Moskva, prospekt Mira, d. 102 str. 27 kom. 4A, Russian Federation Address 2: 606002, Nizhegorodskaya obl., g. Dzerzhinsk, ul. Krasnoarmeiskaya, d. 21, Russian Federation OGRN: 1025201741586</p>	<ul style="list-style-type: none"> • 7-755/2021, employment of DPRK national Kim Hye Jong • 7-734/2021, employment of DPRK national Kim Un Jong • 7-730/2021, employment of DPRK national Kim Ji Hye • 7-729/2021, employment of DPRK national Yang Un Hyang • 7-728/2021, employment of DPRK national Choe Un Gum • 7-727/2021, employment of DPRK national Ji Hyang Gum • 7-725/2021, employment of DPRK national Hong Sung Jin • 7-724/2021, employment of DPRK national Kwon Un Ha • 7-700/2021, employment of DPRK national An Mi Yong • 7-699/2021, employment of DPRK national Kim Kyong Ok • 7-698/2021, employment of DPRK national Ri Jon Sim • 7-697/2021, employment of DPRK national Kim Kyong Ok • 7-696/2021, employment of DPRK national Kim Hye Jong • 7-695/2021, employment of DPRK national Ri Gum Sun • 7-694/2021, employment of DPRK national Ma Jin Hyang • 7-692/2021, employment of DPRK national Kim Jun Sim • 7-691/2021, employment of DPRK national Kim Sung Hee • 7-689/2021, employment of DPRK national Ri Jin Hyang • 7-688/2021, employment of DPRK national Kim Un Sim • 7-687/2021, employment of DPRK national Ri Bom Hyang • 7-686/2021, employment of DPRK national Kim Un Sim • 7-685/2021, employment of DPRK national Ri Bom Hyang • 7-684/2021, employment of DPRK national Kim Won Hwa • 7-680/2021, employment of DPRK national Han Jin E • 7-679/2021, employment of DPRK national Kim Won Hwa • 7-678/2021, employment of DPRK national Han Jin E • 7-677/2021, employment of DPRK national Ri Chol Ok • 7-675/2021, employment of DPRK national Choe Un Gum • 7-674/2021, employment of DPRK national Yu Su Kyong • 7-671/2021, employment of DPRK national Pak Jin Sim • 7-669/2021, employment of DPRK national Ri Jin Hyang • 7-668/2021, employment of DPRK national Ma Jin Hyang • 7-667/2021, employment of DPRK national Jo Hyang Hee • 7-666/2021, employment of DPRK national Kwon Un Ha • 7-665/2021, employment of DPRK national Ri Jong Ok • 12-468/2021, employment of DPRK national Paek Un Jin • 12-466/2021, employment of DPRK national Kim Ryong Hee • 12-464/2021, employment of DPRK national Jung Un Sook • 12-448/2021, employment of DPRK national Pak Un Hee • 12-442/2021, employment of DPRK national Jo Yun Gyong • 12-438/2021, employment of DPRK national Ri Chol Ok • 12-436/2021, employment of DPRK national An Mi Yong 	<p>In all cases: the decision of a lower court is cancelled due to procedural violations and the case is returned for new consideration</p>
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Emarko ООО (ООО "ЭМАРКО")	Address: 664003, Irkutskaya obl, g.o. gorod Irkutsk, g Irkutsk, ul Krasnoarmeiskaya, d. 7, of. 1 Russian Federation OGRN: 1183850021255	<ul style="list-style-type: none"> • 5-5/2021, employment of DPRK national Kim Yong Gun • 5-4/2021, employment of DPRK national Pak Yong Il • 5-3/2021, employment of DPRK national Ri Bok Rok • 5-2/2021, employment of DPRK national An Nam Il 	In all cases: administrative proceedings terminated due to lack of an administrative offense
Garant-Stroy-Service ООО (ООО "Гарант-Строй-Сервис")	Address: 690022, Primorski krai, g.o. Vladivostokski, g Vladivostok, pr-kt 100-letiya Vladivostoka, d. 178, kv. 281, Russian Fderation OGRN: 1117746527711	<ul style="list-style-type: none"> • 5-827/2022, employment of DPRK national Choe E.S. • 5-828/2022, employment of DPRK national An S.I. • 5-830/2022, employment of DPRK national Pak Y.H. • 12-390/2022, employment of DPRK national Ri Chol Ho 	<p>In three cases: administrative proceedings terminated due to lack of an administrative offense</p> <p>In one case (12-390/2022): decision canceled due to procedural violation</p>

General Contractor ООО (ООО "Генеральный подрядчик")	Address: 690091, Primorski kr., g. Vladivostok, ul. Aleutskaya, d. 26 kv. 14, Russian Federation OGRN: 1042503712184	<ul style="list-style-type: none"> • 5- 156/2022, employment of DPRK national Ra K.Z. • 5- 159/2022, employment of DPRK national Yu. Ch.N. • 5- 161/2022, employment of DPRK national P. M.H. • 5- 162/2022, employment of DPRK national Paek S.G. • 5- 163/2022, employment of DPRK national Ri N.H. • 5- 165/2022, employment of DPRK national Yang T.H. 	In all cases: company found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 125,000 roubles
Ir-Stroy ООО (ООО "ИР-СТРОЙ")	Address: 690105, Primorski krai, g.o. Vladivostok, g Vladivostok, ul Borodinskaya, d. 4A, pomeshch. 15, Russian Federation OGRN: 1192536021688	<ul style="list-style-type: none"> • 5-538/2021, employment of unnamed DPRK national • 5-539/2021, employment of unnamed DPRK national • 5-540/2021, employment of unnamed DPRK national • 5-541/2021, employment of partially-named DPRK national Chun • 5-542/2021, employment of DPRK national Pak Wang Chol 	In all cases: company found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 125,000 roubles
Kapital-Stroy ООО (ООО "КАПИТАЛ- СТРОЙ")	Address: 690002, Primorski kr., g. Vladivostok, prospekt Krasnogo Znameni, d. 59 ofis 607 Russian Federation OGRN: 1132543008311	<ul style="list-style-type: none"> • 5-664/2022, employment of DPRK national Kim K.G. • 5-667/2022, employment of DPRK national Rim H.S. • 5-668/2022, employment of DPRK national Pak Sim Hong • 5-670/2022, employment of DPRK national Chol S.M. • 5-680/2022, employment of DPRK national Kim Yong Dok • 5-682/2022, employment of DPRK national Ro Il Ho • 5-683/2022, employment of DPRK national K.H. • 5-684/2022, employment of DPRK national Ri Kwon Jo • 33-3940/2022, employment of unnamed DPRK national(s) 	In eight cases: administrative proceedings terminated due to expiration of statute of limitations In one case (33-3940/2022): previous decision denying claim to recover funds is upheld
Ligastroy ООО (ООО "ЛИГАСТРОЙ")	Address: 680045, Khabarovski krai, g.o. gorod Khabarovsk, g Khabarovsk, ul Putevaya, d. 1A, kom.7 Russian Federation OGRN: 1202700021149	<ul style="list-style-type: none"> • 5-343/2022, employment of DPRK national Ri Myung Sam • 5-344/2022, employment of DPRK national An Yong Guk • 5-345/2022, employment of DPRK national Chen Chun Bom • 5-348/2022, employment of DPRK national Rim Yong Chun 	In all cases: company found guilty of committing an administrative offense with punishment of an administrative fine with a warning
Madrid ООО (ООО "МАДРИД")	Address: 672014, Zabaikalski kr., g. Chita, ul. Inzhenernaya, d. 5, Russian Federation OGRN: 1147536004549	<ul style="list-style-type: none"> • 5-2061/2021, employment of DPRK national Im S.N. • 5-2062/2021, employment of DPRK national Kim Y.M. 	In both cases: company found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 125,000 roubles
Primstroy DV ООО (ООО "ПРИМСТРОЙ ДВ")	Address: 692777, Primorski kr., g. Artem, s. Knevichi, per. Treti, d. 3, Russian Federation OGRN: 1192536010160	<ul style="list-style-type: none"> • 5-150/2022 (5-2216/2021), employment of DPRK national Pak N.H. • 5-151/2022 (5-2217/2021), employment of DPRK national Ju Gwon Men 	In both cases: company found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 125,000 roubles

SANKIR OOO (OOO "САНКИР")	Address: 680013, Khabarovski kr., g. Khabarovsk, per. Shaturski, d. 1A kv. 93, Russian Federation OGRN: 1102724007715	<ul style="list-style-type: none"> • 5-287/2021, employment of unnamed DPRK national • 5-288/2021, employment of unnamed DPRK national • 5-289/2021, employment of unnamed DPRK national • 5-290/2021, employment of unnamed DPRK national • 5-291/2021, employment of unnamed DPRK national 	In all cases: company found guilty of committing an administrative offense with punishment of a warning
SK Kristall OOO (OOO СК "Кристалл") (see endnote ** for company reply to the Panel)	Address: 690087, Primorski krai, g.o. Vladivostokski, g Vladivostok, ul Sabaneeva, d. 14V, pomeshch. 14, Russian Federation OGRN: 1192536029950	<ul style="list-style-type: none"> • 5-827/2022, employment of DPRK national Choe E.S. • 5-828/2022, employment of DPRK national An S.I. • 5-830/2022, employment of DPRK national Pak Y.H. • 12-390/2022, employment of DPRK national Ri Chol Ho 	<p>In three cases: company found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 125,000 roubles</p> <p>In one case (12-390/2022): decision canceled due to procedural violation</p>
SMU-22 OOO (OOO "СМУ-22")	Address: 664022, Irkutskaya obl, g.o. gorod Irkutsk, g Irkutsk, ul Krasnykh Madyar, d. 41, ofis 305 Russian Federation OGRN: 1183850007461	<ul style="list-style-type: none"> • 5-43/2023, employment of DPRK national Han Yong Ho (DOB 1964) • 5-44/2023, employment of DPRK national Hwang Hu Nam (DOB 1965) • 5-45/2023, employment of a DPRK national • 5-47/2023, employment of DPRK national Kim Ok Chol (DOB 1979) • 5-48/2023, employment of a DPRK national with passport number 390430598 <p><i>note: according to the court records, SMU-22 employed 8 additional DPRK nationals, although court cases regarding those individuals could not be identified</i></p>	In all cases: see above, under E.A. Baryshnikova
SPV-Stroy OOO (OOO "СПВ-СТРОЙ")	Address: 690090, Primorski kr., g. Vladivostok, ul. Svetlanskaya, d. 51A kab. 4, Russian Federation OGRN: 1202500009315	<ul style="list-style-type: none"> • 5-74/2021, employment of DPRK national P. • 5-75/2021, employment of DPRK national R.K.S. 	In both cases: M.V. Borisov found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 2,000 roubles

Stroika TS OOO (ООО "СТРОЙКА ТС")	Address: 680007, Khabarovski kr., g. Khabarovsk, ul. Volochaevskaya, d. 11 pom. 1 ofis 5, Russian Federation OGRN: 1172724025209	<ul style="list-style-type: none"> • 5-108/2021, employment of unnamed DPRK national L. • 5-109/2021, employment of DPRK national Ri Song Chol 	<p>In one case (5-108/2021): company found guilty of committing an administrative offense with punishment of an administrative fine with a warning</p> <p>In one case: company found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 150,000 roubles</p>
Stroytech OOO (ООО "Стройтех")	Address: Primorsky Territory, Ussuriysk urban district, Ussuriysk, Russian Federation <i>(partially anonymized in the court record)</i>	• 5-287/2021, employment of DPRK national Pak Su Nam	D.V. Krivonosov found guilty of committing a crime under the Criminal Code, punished with one year six month probationary period
Technical Solutions OOO (ООО "Технические решения")	Address: 690033, Primorski krai, g.o. Vladivostokski, g Vladivostok, ul Karbysheva, d. 4, ofis 237, Russian Federation OGRN: 1142508000018	• 5-822/2022, employment of DPRK national Ri D.H.	Company found guilty of committing an administrative offense with punishment of an administrative fine in the amount of 125,000 roubles
Unidentified Companies		<ul style="list-style-type: none"> • DPRK national Ri Myong Ryol, case number 5-343/2023 • DPRK national Bae Chol Su, case numbers 5-341/2023 and 5-340/2023 • DPRK national Paek Gwan Ryong, case number 5-22/2023 • DPRK national Yun Chol Min, case number 5-21/2023 • DPRK national Pak Chol Ho, case number 5-20/2023 • DPRK national Kim Yong Dok, case number 5-33/2023 • DPRK national Kim Yong Sim, case number 5-750/2023 • DPRK national Kim Kang Ho, case number 5-244/2023 • DPRK national Kim Sung Do, case number 5-243/2023 • DPRK national Kim Un Chol, case number 5-242/2023 • DPRK national Hong Chol Un, case number 5-35/2023 • DPRK national Ho Sung Chol, case number 5-43/2023 • DPRK national Rim Gwang Su, case numbers 12-6/2023 and 5-890/2022 • DPRK national Jang Song Jon, case number 5-2330/2022 • DPRK national An Gun Chol, case number 5-1071/2022 • DPRK national Sim Hyun Suk, case number 5-1070/2022 	<p>In most cases, defendant found guilty of committing an administrative offense with punishment in the form of an administrative fine of 2,000-6,000 roubles, and in approximately 40% of the cases, along with administrative or forced deportation</p> <p>Several cases returned to eliminate deficiencies, terminated due to absence of administrative offense, or decision canceled due to procedural violation</p> <p>One criminal case/prosecution terminated</p>

		<ul style="list-style-type: none"> • DPRK national Song Chol Su, case number 5-1069/2022 • DPRK national Kim Chol, case number 5-1068/2022 • DPRK national Kim Jong Nam, case number 5-1067/2022 • DPRK national Cha Chol Min, case number 5-1066/2022 • DPRK national Rim Jun Seong, case number 5-1065/2022 • DPRK national Pak Hyun, case number 5-220/2022 • DPRK national Ma Song Jeong, case number 5-739/2022 • DPRK national Han Su Yong, case number 5-738/2022 • DPRK national Kim Gwang Ho, case number 5-142/2022 • DPRK national Choe Dong Sik, case number 5-141/2022 • DPRK national Chen Jang Song, case number 5-140/2022 • DPRK national Jong Hyo Nam, case number 5-139/2022 • DPRK national Yun Song Il, case number 5-138/2022 • DPRK national Pyon Jun Song, case number 5-137/2022 • DPRK national Pak Myong Hak, case number 5-537/2022 • DPRK national Kim Myong Nam, case number 5-537/2022 • DPRK national Yun Song Chol, case number 5-537/2022 • DPRK national Song Mun Il, case numbers 5-102/2022 and 12-340/2022 • DPRK national Ri Chol U, case number 5-1011/2022 • DPRK national Kim Jin Sung, case number 5-108/2022 • DPRK national Pak In Guk, case number 5-107/2022 • DPRK national Kim Yong Chol, case number 5-106/2022 • DPRK national Jon Jung Guk, case number 5-105/2022 • DPRK national Jon Gi Chol, case number 5-104/2022 • DPRK national Ri Gwan Song case numbers 16-4128/2021, P16-183/2022, and P16-756/2022 • DPRK national Yun Jon Hyun, case number 16-10369/2021 • DPRK national Kim Chol Su, case number 16-10367/2021 • DPRK national Min Gen Sam, case number 16-10366/2021 • DPRK national Kim Yong Jin, case numbers 5-6548/2021 and 5-6780/2021 • DPRK national Hong Yong Jin, case numbers 5-6550/2021 and 5-6779/2021 • DPRK national Kim Chol Un, case numbers 5-6546/2021 and 5-6786/2021 • DPRK national Yun Song Hak, case numbers 5-6547/2021 and 5-6787/2021 • DPRK national Kim Nam Chol, case numbers 5-6549/2021 and 5-6781/2021 • DPRK national Ri Gum Sok, case numbers 5-6539/2021 and 5-6785/2021 	
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		<ul style="list-style-type: none"> • DPRK national Han Ben Nam, case number 5-6784/2021 • DPRK national So Gong Chol, case numbers 5-6540/2021 and 5-6783/2021 • DPRK national Rim Gwan Chol, case number 5-6782/2021 • DPRK national Ri Jun Suk, case numbers 5-6537/2021 and 5-6778/2021 • DPRK national Ri Hyok Chol, case numbers 5-6535/2021 and 5-6777/2021 • DPRK national Ri Gwang Hyok, case numbers 5-6538/2021 and 5-6776/2021 • DPRK national Jo Hui Sung, case numbers 5-6552/2021 and 5-6775/2021 • DPRK national Yun Ren Gil, case number 5-908/2021 • DPRK national Rim Gwang Su, case number 5-907/2021 • DPRK national Kim Won Chol, case number 5-1524/2021 • DPRK national An Chol Ho, case number 5-1522/2021 • DPRK national Ri Jin Song, case number 5-1524/2021 • DPRK national Choe Son Ho, case number 1-682/2021 • DPRK national Im Hyun Bom, case number 16-7505/2021 • DPRK national Jon Hok, case number 16-7507/2021 • DPRK national Ryang Jong Hwang, case number 16-7508/2021 • DPRK national Ri Gwan Son, case number 5-651/2021 • DPRK national Sung Nam Yong, case number 5-650/2021 • DPRK individual (name redacted), case number 5-895/2021 • DPRK Min Yun Hong, case number 5-894/2021 • DPRK national Shin Yong Dok, case number 5-1790/2021 • DPRK national Kang Chol, case number 5-1789/2021 • DPRK national Yom Son Nam, case number 5-1788/2021 • DPRK national Kim Un Mok, case number 5-1787/2021 • DPRK national Hu Shigang, case number 5-1986/2021 • DPRK national Zou Yongjun, case number 5-1984/2021 • DPRK national Xu Yuliang, case number 5-1983/2021 • DPRK national Li Yuping, case number 5-1982/2021 • DPRK national Yang Gan, case number 5-1981/2021 • DPRK national Han Huifang, case number 5-1980/2021 • DPRK national Fu Xingzhen, case number Case number 5-1979/2021 • DPRK national Ma Jian, case number 5-1978/2021 • DPRK national Chen Zhengao, case number 5-1977/2021 • DPRK national An Myong Guk, case number 5-792/2021 • DPRK national Yun Gwang Song, case number 5-931/2021 • DPRK national Choe Yong Ho, case number 5-930/2021 • DPRK national Kang Chol Hyok, case number 5-390/2021 	
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		<ul style="list-style-type: none">• DPRK national Jin Song Jun, case number 5-389/2021• DPRK national Kwon Sung Hyok, case number 5-388/2021• DPRK national Choe Jun Ep, case number 5-387/2021• DPRK national Pak Won Chol, case number 5-386/2021• DPRK national Choe Chol Hak, case number 5-385/2021• DPRK national Kim Gwang Su, case number 5-384/2021• DPRK national Kim E Gyong, case number 5-119/2021	
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Note: Company and individual names have been transliterated from the original Russian-language documents.

Note: As of 26 January 2024, the Panel had not received a response from the Russian Federation and received a response from one company (see directly below).

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SK Kristall LLC informed the Panel that it "was not and is not an employer of any citizens of the Democratic People's Republic of Korea (DPRK), has not and does not involve migrants from the DPRK in performing work," and further noted that the relevant court proceedings were canceled.

The Panel notes that, of the five cases (12-390/2022, 12-391/2022, 12-392/2022, 12-393/2022, and 12-394/2022) in which the proceedings were canceled, as referenced in the reply from SK Kristall LLC, the Panel is able to access one (12-390/2022), in which the prior decision of guilt was canceled due to a procedural violation (because the company was not appropriately notified of the time and place of consideration of the case), and the case was subject to termination due to the expiration of the statute of limitations.

Annex 76²⁴⁴ – List of individuals reported by Member States to be DPRK bank representatives ²⁴⁵

Resolution 2270 (2016), operative paragraph 33: “Decides that States shall prohibit in their territories the opening and operation of new branches, subsidiaries, and representative offices of DPRK banks, decides further that States shall prohibit financial institutions within their territories or subject to their jurisdiction from establishing new joint ventures and from taking an ownership interest in or establishing or maintaining correspondent relationships with DPRK banks, unless such transactions have been approved by the Committee in advance, and decides that States shall take the necessary measures to close such existing branches, subsidiaries and representative offices, and also to terminate such joint ventures, ownership interests and correspondent banking relationships with DPRK banks within ninety days from the adoption of this resolution;”

Resolution 2321 (2016), operative paragraph 33: “Decides that, if a Member State determines that an individual is working on behalf of or at the direction of a DPRK bank or financial institution, then Member States shall expel the individual from their territories for the purpose of repatriation to the individual’s state of nationality, consistent with applicable national and international law, unless the presence of the individual is required for fulfillment of a judicial process or exclusively for medical, safety or other humanitarian purposes, or the Committee has determined on a case by case basis that the expulsion of the individual would be contrary to the objectives of resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013), 2270 (2016), or this resolution;”

Name/Alias	Title and activities **	Location **	Date of birth DPRK passport number / expiry **	Member State response
Sim Hyon Sop (Sim Hyo'n-so'p)	Foreign Trade Bank (KPe.047) Representative	Dandong, China	DOB: 25 Nov 1983 PP No: 109484100 (expires 24 Dec 2024)	“China conducted serious and thorough investigations on the information provided by the Panel, and did not find any illegal cyber financial activities by the relevant individuals within Chinese border. China consistently and strictly combats illegal cyber financial activities by Chinese laws and regulations in an equal manner no matter if related personnel violate the Security Council Resolutions or not. Besides, the cyber activities mentioned by the Panel do not fall into the scope prohibited by the Resolutions. China requests the Panel to conduct its work according to its mandate, and do not include unrelated content into its report.” (2023)

²⁴⁴ Two members of the Panel are of the view that there is not enough evidence to substantiate the allegation of affiliation and sanctions violation of these individuals.

²⁴⁵ The Russian Federation informed the Panel in 2019 that Foreign Trade Bank (FTB) had ceased operation in 2016.

Choe Un Hyok (Ch'oe, U'n-hyo'k)	Korea United Development Bank (KUDB) (KPe.033) Representative	Moscow, Russian Federation	DOB: 19 Oct 1985 PP No: 83612287	“The Bank of Russia has not received any requests regarding the accreditation in Moscow of a representative of the Korea United Development Bank or the appointment of Choe Un Hyok as its representative. We do not have any information about bank accounts in the name of Choe Un Hyok in Russia.” (2020)
Jo Myong Chol	DPRK First Credit Bank Representative	Vladivostok, Russian Federation		<i>The Panel has not received a response from the Russian Federation</i>
Kim Kyong Nam (Kim Kyo'ng-Nam)	Foreign Trade Bank (KPe.047) Representative	Moscow, Russian Federation	DOB: 11 Jul 1976	<i>The Panel has not received a response from the Russian Federation</i>
So Myong (aka Semyon Semyonovich)	Foreign Trade Bank (KPe.047) Representative	Vladivostok, Russian Federation	DOB: 02 Mar 1978 PP No: 927320285	“Upon receiving the letter [...] from [...], Acting Coordinator of the Panel of Experts, we have to share our most serious concern regarding the increasing reliance of the Panel in its work on unilateral sanctions imposed by third parties. It is deeply worrisome that the Panel has started to reference them more and more in its requests, completely disregarding the fact that such sanctions are illegitimate and obviously are out of scope of the relevant decisions of the United Nations Security Council and violate the established processes within the Council and the 1718 Committee. Moreover, we find it most regrettable that we find ourselves in the position when we have to remind the Panel of Experts of its mandate in accordance with the relevant UN SC resolutions. In these circumstances and in the interest of preserving the integrity of the Panel we, as a responsible Member of the 1718 Committee, have no other option, but to "return the letter to the sender", and express our sincere hope that the Panel will continue to fulfill its duties in accordance with its mandate, while reiterating our readiness to continue to see to the implementation of the relevant UN SC decisions.” (2023)

Kim Pong Hak	Daesong Credit Development Bank (DCDB) (KPe.049) Representative	Russian Federation		<i>The Panel has not received a response from the Russian Federation</i>
O In Jun	Korea Daesong Bank (KPe.035) Representative	Vladivostok, Russian Federation		<i>The Panel has not received a response from the Russian Federation</i>
Kim Kwang Myong	DPRK Korea Mandal Credit Bank Representative	Dalian, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Jo Chol Song (Cho, Ch'o'l-so'ng) (KPi.058)	Korea Kwangson Banking Corporation (KKBC) (KPe.025) Representative	Dandong, China	DOB: 25 Sep.1984 PP No: 654320502 (expired September 16, 2019)	"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Ri Jin Hyok	Foreign Trade Bank (KPe.047) Representative	Zhuhai, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of

				identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Jo Song Ok	DPRK Korea Changsin Bank Representative	Dandong, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Ri Chun Song (Ri Ch'un-so'ng) (KPi.075)	Foreign Trade Bank (KPe.047) Representative	Beijing, China	DOB: 30 Oct.1965 PP No: 654133553 (expired 11 March 2019)	<p>"China has closed all representative offices of DPRK financial institutions in China according to the Security Council resolutions. All the relevant representatives have left China. Chinese banks have always strictly implemented the targeted Security Council sanctions, and would not provide any financial services to individuals or entities designated by the Security Council. Considering its cooperative relationship with the Panel, China has overcome great difficulties and has had the commercial banks to carefully investigate the two individuals mentioned in the Panel's letter. There is no transaction involving Ri Chun Hwan in April 2019. There is neither any Ri Chun Song involved transaction record related to the payments from accounts located in China to any Chinese or Russian companies in 2016 and 2017, or any acceptance of payments in June 2017.</p> <p>Certain Member State arbitrarily designated some DPRK individuals in China or even out of China as DPRK bank representatives without any concrete evidence. Such acts not only defamed China on purpose, but also caused a huge waste of energy of the Panel. Meanwhile, China firmly and</p>

				<p>consistently opposes the US unilateral sanctions. China hopes that the Panel does not quote any related information in the final report, bearing in mind maintaining the authority of the Security Council.” (2021)</p> <p>"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)</p>
Kim Won Chol	DPRK Jasang Bank (JSB) Representative and the Korea Kumgang Group (KKG) Bank Representative	Beijing, China		<p>"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)</p>
Kim Chol Song	DPRK Korea Mandal Credit Bank Representative	Shenyang, China		<p>"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence</p>

				of violations of UN Security Council resolutions related to the DPRK." (2024)
Kim Myong Jin	DPRK Korea Mandal Credit Bank Representative	Beijing, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Ho Yong Il (Ho' Yo'ng-il)	DPRK Korea Gold Bridge Bank Representative, Hana Bank representative, associated with Foreign Trade Bank (KPe.047)	Dandong, China	DOB: 09 Sep 1968	"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Pang Myong Guk	DPRK banking associate	China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)

Han Chol Man	Korea Kumgang Group Bank Representative, Golden Triangle Bank Representative, and Jasong Bank Representative	China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Jang Myong Chol (Chang, Myo'ng-ch'o' l)	DPRK Koryo Commercial Bank Representative	Dandong, China	DOB: 09 Sep 1968	"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Han Hong Gil	DPRK Korea Mandal Credit Bank Representative; associate of the Koryo Commercial Bank	Dandong, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)

Om Chol Jin	DPRK banking associate	China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Ryu Jong Yong	DPRK Jasong Bank Representative	Dandong, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Ko Il Hwan (Ko Il-hwan)	Korea Daesong Bank (KPe.035) Representative	Shenyang, China	DOB: 28 Aug 1967 PP No: 927220424 (expired 12 Jun 2022)	"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)

Kim Jong Chol	Foreign Trade Bank (KPe.047) Representative	Shenyang, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Choe Chun Pom	DPRK Central Bank Representative	Beijing, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Nam Sok Chan	Foreign Trade Bank (KPe.047) Representative	Shenyang, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)

Kim Mun Chol (Kim Mun-ch'o'l) (KPi.060)	Korea United Development Bank (KUDB) (KPe.033) Representative	Dandong, China	DOB: 25 Mar. 1957	"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Kim Sung Ha	Foreign Trade Bank (KPe.047) Representative	Hunchun, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)
Maeng Yong Su	Foreign Trade Bank (KPe.047) Representative	Zhuhai, China		"Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK." (2024)

Choe Chol Ryong	Korea Kwangson Banking Corporation (KKBC) (KPe.025) Representative	<i>Outside of the DPRK</i>		
Kim Chol Ok	DPRK Korea Daesong Bank (KDB) Representative	Indonesia		<i>The Panel has not received a response from Indonesia</i>
Ri Chang Min	Dong Song Kumgang Bank Representative	Moscow, Russian Federation	DOB: 18 May 1970	“In this regard, I wish to inform you that due to insufficient identification data, it is not possible to provide the requested information regarding Ri Chang Min. The Russian competent agencies have no information about this person's connections with the activities of the bank "Dong Song Kumgang" or about his unlawful actions. No work permits for employment in the Russian Federation are issued to DPRK citizens.”

**Based on Member State information or UN documents / *Sources*: Information provided to the Panel by Member States and UN documents.

Annex 77: Member State replies to Panel inquiries on entry/exit data of reported DPRK overseas banking representatives and any measures taken to expel them in accordance with the Security Council resolutions

Letter from Russia of 19 February 2024 (see also annex 75)

In this regard, I wish to inform you that due to insufficient identification data, it is not possible to provide the requested information regarding Ri Chang Min. The Russian competent agencies have no information about this person's connections with the activities of the bank "Dong Song Kumgang" or about his unlawful actions. No work permits for employment in the Russian Federation are issued to DPRK citizens.

Letter from China of 22 January 2023 (see also annex 40)

Currently, there are no branches or representative offices of the DPRK banks in China. In accordance with the requirements of UN Security Council resolutions, China has revoked all representative offices of the DPRK banks in China. The list provided by the Panel lacks key identity information. Upon name-based inquiry, a large number of identical names were found, making the investigation very difficult, and it is hard to guarantee the accuracy of the investigation. Despite such difficulties, relevant Chinese authorities have conducted serious investigations on the information provided in the letter, and found no evidence of violations of UN Security Council resolutions related to the DPRK.

Letter from the United Arab Emirates of 21 December 2023

- Mr. Sim Hyon Sop entered the UAE on 3 October 2016 with passport No. 109484100.
- The UAE residence visa of Mr. Sim Hyon Sop was cancelled on 21 December 2019, in compliance with the Security Council's 1718 sanctions regime regarding the DPRK.
- Mr. Sim Hyon Sop departed the UAE on 1 December 2022, and his name was added to the UAE's travel ban list.
- Mr. Sim Hyon Sop does not have any bank accounts or commercial companies in the UAE, in compliance with the Security Council's 1718 sanctions regime regarding the DPRK.

Annex 78: Registration information for Epsilon Trade Development Limited (excerpt)

Epsilon Limited Trade Development (ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "ЭПСИЛОН") maintains address 690074, Vladivostok, Posadskaya Street, Building 20, 9th floor, unit 901-3 and OGRN 1212500016410. Commercial databases show the company is in liquidation, as of 10 November 2023.

ВЫПИСКА

из Единого государственного реестра юридических лиц

28.12.2023

№ ЮЭ9965-23-
177896191

дата формирования выписки

Настоящая выписка содержит сведения о юридическом лице

ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "ЭПСИЛОН"

полное наименование юридического лица

ОГРН 1 2 1 2 5 0 0 0 1 6 4 1 0

включенные в Единый государственный реестр юридических лиц по состоянию на

« 28 » декабря 20 23 г.
число месяц прописью год

№ п/п	Наименование показателя	Значение показателя
1	2	3
Наименование		
1	Полное наименование на русском языке <i>Company Name</i>	ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "ЭПСИЛОН"
2	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
State Registration Number and date		
3	Сокращенное наименование на русском языке	ООО "ЭПСИЛОН"
4	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
	Сведения о наличии у юридического лица наименования на языках народов Российской Федерации и (или) на иностранных языках (сведения указываются по Общероссийскому классификатору информации о населении (ОКИН ОК 018 – 2014 фасет 04))	
5	Код и наименование языка народов Российской Федерации или иностранного языка	016 Английский
6	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
	Сведения о наличии у юридического лица наименования на английском языке	
7	Полное наименование на английском языке	EPSILON, LIMITED TRADE DEVELOPMENT
8	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021

LIMITED LIABILITY
COMPANY
"EPSILON"

9	Сокращенное наименование на английском языке	EPSILON CO.,LTD
10	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
Место нахождения и адрес юридического лица		
11	Место нахождения юридического лица	ПРИМОРСКИЙ КРАЙ, Г.О. ВЛАДИВОСТОКСКИЙ, Г ВЛАДИВОСТОК
12	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
13	Адрес юридического лица	690078, ПРИМОРСКИЙ КРАЙ, Г.О. ВЛАДИВОСТОКСКИЙ, Г ВЛАДИВОСТОК, УЛ МЫС ЧУМАКА, Д. 1А, ЭТАЖ 4, ПОМЕЩ. 402
14	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2232500002030 09.01.2023
15	ГРН и дата внесения в ЕГРЮЛ записи о переименовании / переподчинении адресного объекта	2232500597250 12.11.2023
Сведения о регистрации		
16	Способ образования	Создание юридического лица
17	ОГРН	1212500016410
18	Дата регистрации	08.07.2021
19	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
Сведения о регистрирующем органе по месту нахождения юридического лица		
20	Наименование регистрирующего органа	Межрайонная инспекция Федеральной налоговой службы № 15 по Приморскому краю
21	Адрес регистрирующего органа	,690012,,,Владивосток г.,Пихтовая,20,,
22	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
Сведения о состоянии юридического лица		
23	Состояние	Находится в стадии ликвидации
24	Срок ликвидации общества с ограниченной ответственностью	01.11.2024
25	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2232500593818 10.11.2023

Сведения о лице, имеющем право без доверенности действовать от имени юридического лица		
26	ГРН и дата внесения в ЕГРЮЛ сведений о данном лице	2232500593818 10.11.2023
27	Фамилия Имя	ЧОЙ ЧОН ГОН
28	ИНН	650114643613
29	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2232500593818 10.11.2023
30	Должность	ЛИКВИДАТОР
31	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2232500593818 10.11.2023
32	Пол	мужской
33	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2232500593818 10.11.2023
34	Гражданство	гражданин Российской Федерации
Сведения об уставном капитале / складочном капитале / уставном фонде / паевом фонде		
35	Вид	УСТАВНЫЙ КАПИТАЛ
36	Размер (в рублях)	10000
37	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021

Сведения об участниках / учредителях юридического лица		
1 Information on the shareholders/founders		
38	ГРН и дата внесения в ЕГРЮЛ сведений о данном лице	1212500016410 08.07.2021
39	Фамилия Имя	CO МЕН
40	ИНН	254342019464
41	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
42	Пол	мужской
43	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
44	Гражданство Nationality	иностраннй гражданин Корейская Народно-Демократическая Республика
45	Номинальная стоимость доли (в рублях)	4900
46	Размер доли (в процентах)	49

So
MyongForeign National
Democratic People's
Republic of Korea

47	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	1212500016410 08.07.2021
2		
48	ГРН и дата внесения в ЕГРЮЛ сведений о данном лице	1212500016410 08.07.2021
49	Фамилия Имя	Last Name Given Name
50	ИНН	ЧОЙ ЧОН ГОН
51	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	650114643613
52	Пол	1212500016410 08.07.2021
53	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	мужской
54	Гражданство	Nationality
55	Номинальная стоимость доли (в рублях)	гражданин Российской Федерации
56	Размер доли (в процентах)	5100
57	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	51
Сведения об учете в налоговом органе		
58	ИНН юридического лица	2543158731
59	КПП юридического лица	254001001
60	Дата постановки на учет в налоговом органе	09.01.2023
61	Сведения о налоговом органе, в котором юридическое лицо состоит (для юридических лиц, прекративших деятельность - состояло) на учете	Межрайонная инспекция Федеральной налоговой службы № 14 по Приморскому краю
62	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2232500002051 09.01.2023
Сведения о регистрации в качестве страхователя по обязательному пенсионному страхованию		
63	Регистрационный номер	035008084950
64	Дата регистрации в качестве страхователя	11.01.2023
65	Наименование территориального органа	Отделение Фонда пенсионного и социального страхования Российской Федерации по Приморскому краю
66	ГРН и дата внесения в ЕГРЮЛ записи, содержащей указанные сведения	2232500006187 11.01.2023
Сведения о регистрации в качестве страхователя по обязательному социальному страхованию		
67	Регистрационный номер	250300526225031

Choi
Chon GonRussian
Federation

Source: Russian Unified State Register of Legal Entities/Individual Entrepreneurs, annotated by the Panel.

Annex 79: Information from the Russian corporate registry on possible DPRK joint ventures/cooperative entities, potentially employing DPRK nationals earning income

The Panel investigated Russian corporate registry records of 81 companies that may be DPRK-Russian joint ventures or cooperative entities, all of which are fully or partially owned or managed by DPRK nationals, which may further be employing DPRK nationals earning income. Of the companies listed in this annex and Annex 82, the Russian Federation responded, “based on the results of the inspection it was found that 82 legal entities noted in the request do not actually operate, although they are listed in the Unified State Register of Legal Entities” and “[i]t should be noted that under the civil legislation of the Russian Federation, limited liability companies are not joint ventures or cooperative organizations.” Russian Federation responses on individual companies are included in the table below.

The Panel further recalls that, on 8 January 2019, the Russian Federation informed the Panel that “... in the case of Russian companies having a sole founder who is a citizen of the Democratic People’s Republic of Korea, such companies are registered strictly as Russian limited liability companies, rather than joint ventures or cooperative entities, making them Russian legal persons with all the legal consequences that follow therefrom. Such companies are not considered subject to the restrictions imposed on the Democratic People’s Republic of Korea by the Security Council under paragraph 18 of Security Council resolution 2375 (2017) or under current Russian law.” The Russian Federation also informed the Panel on 21 January 2019 that “joint ventures (in Russian law, no such form of legal person exists)” (see S/2019/171, para. 150 and annex 74).

See [Annex 79.1](#) for the registration documentation of these companies.

Company Name	Owners / directors	Company location (Russian Federation)	Registration numbers	Additional information	Company (C) or Russian Federation (RF) reply
Alis, ООО (ООО "Алис")	– Kim San Man (Ким Сан Ман, DPRK national, INN 254305862059) (10,000 rub., 100%) – Babkin Andrei Valerevich (Бабкин Андрей Валерьевич, Russian national, INN 253909502547) - Director	Vladivostok	OGRN 1162536087230 INN 2543103179 KPP 254301001 OKPO 04838869		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
АМС, ООО (ООО "ЭЙ ЭМ СИ")	– An Chol Hwan (Ан Чол Хван, DPRK, INN 253612060658) (10,000 rub., 100%)	Vladivostok	OGRN 1212500005651 INN 2540259820 KPP 253601001 OKPO 47623292		C: Nationality of individual is ROK
Arirang, ООО (ООО "АРИРАНГ")	– Shin Hye Ok (Шин Хе Ок, DPRK) (10,000 rub., 100%) – Ignatenko Irina Nikolaevna (Игнатенко Ирина Николаевна, Russian, INN 253802000907) - director	Vladivostok	OGRN 1222500027100 INN 2543170087 KPP 253601001 OKPO 79549195		RF: The head of "Arirang" LLC, established in October 2022, is a Russian citizen .
ASM, ООО (ООО "АСМ", общество с ограниченной ответственностью "амурстроймастер")	– Pak Ki Hek (Пак Ки Хек, DPRK national, INN 280130120714) (10,000 rub., 100%) – Rebro Aleksandr Anatolevich (Ребро Александр Анатольевич, Russian national, INN 280721377708) - director	Svobodny	OGRN 1192801010247 INN 2807007600 KPP 280701001 OKPO 90891468		RF: The DPRK former founder of the company left the Russian Federation in the 2019-2020 period and was subsequently removed from ownership of the company. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.

ATL Trading, ООО (ООО "АТЛ Трейдинг")	– Kim Ho (Ким Хо, DPRK, INN 254000401127) (90,000 rub., 90%) – Yun Svetlana Anatolevna (Юн Светлана Анатольевна, Russian, INN 251120175805) (10,000 rub., 10%) - director	Vladivostok	OGRN 1112540006908 INN 2540174206 KPP 254001001 OKPO 91816687		RF: There are no DPRK citizens among the founders of the company. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.
Balchzhon, ООО (ООО "Балчжон")	– Chan Hyon Guk (Чан Хен Гук, DPRK, INN 254306287443) (5,000 rub., 50%) – Romazanov Pavel Vladimirovich (Ромазанов Павел Владимирович, Russian, INN 330902835492) (5,000 rub., 50%) - director	Lakinsk	OGRN 1133327000300 INN 3309003764 KPP 330901001 OKPO 10481118		RF: The DPRK former founder of the company left the Russian Federation in the 2019-2020 period and was subsequently removed from ownership of the company. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.
Briz, ООО (ООО "Бриз")	– Ma Rin Jun (Ма Линьчжун, DPRK, INN 241107224895) (10,000 rub., 100%) – Zabortsev Oleg Sergeevich (Заборцев Олег Сергеевич, Russian, INN 240780191347) - director	Krasnoyarsk	OGRN 1152468064320 INN 2466168073 KPP 246601001 OKPO 41043790		RF: There are no DPRK citizens among the founders of the company. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.
Bugan, ООО (ООО "Буган")	– Gan Sen Chin (Кан Сен Чин, DPRK, INN 526003670064) (10,000 rub., 100%) - director	Nizhny Novgorod	OGRN 1225200044200 INN 5263150929 KPP 526301001 OKPO 84164333	According to a media report, Bugan, ООО posted an advertisement to hire DPRK construction workers in 2023; advertisement was later removed. ²⁴⁶	RF: The DPRK former founder of the company left the Russian Federation in the 2019-2020 period and was subsequently removed from ownership of the company. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.

²⁴⁶ https://octagon.media/istorii/severokorejcam_ne_dayut_rabotat_v_rossii_legalno.html

Camping Baza Shaman, ООО "Кемпинговая База "Шаман")	<ul style="list-style-type: none"> – Kim Jae Kyu (Ким Чжэ Кю, Russian, INN 254003450972) (10,000 rub., 24%) – Lee Jesok (Ли Чжесок, ROK, INN 254008871244) (10,000 rub., 24%) – Agafonenko Natalya Valerievna (Агафонов娜 Наталья Валериевна, Russian, INN 253717650301) (8,750 rub., 21%) – director – Ri Sun Ri (Ли Сун Ре, DPRK, INN 253611069841) (8,750 rub., 21%) – Mitskus Elena Olegovna (Мицкус Елена Олеговна, Russian, INN 253902732990) (4,166.67 rub., 10%) 	Vladivostok	OGRN 1212500012867 INN 2536328171 KPP 253601001 OKPO 60178891		RF: There are no DPRK citizens among the founders of the company. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.
Chansanstroï, ООО "Чансанстрой")	<ul style="list-style-type: none"> – Ri En Shik (Е Ен Сик, DPRK, INN 667906101541) (10,000 rub., 100%) – Zhigera Mikhail Aleksandrovich (Жигера Михаил Александрович, Russian, INN 667415362044)- director 	Ekaterinburg	OGRN 1156679003161 INN 6679066700 KPP 667901001 OKPO 25011235		RF: The DPRK former founder of the company left the Russian Federation in the 2019-2020 period and was subsequently removed from ownership of the company. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.
Chebeoton, ООО (ООО "Чебеотон")	<ul style="list-style-type: none"> – Kim Sang Man (Ким Санг Ман, DPRK, <i>no INN</i>) (10,000 rub., 100%) – Polivoda Yana Vladimirovna (Поливода Яна Владимировна, Russian, INN 251115174605) - Director 	Vladivostok	OGRN 1222500027606 INN 2540272806 KPP 254001001 OKPO 99340161		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Choki, ООО (ООО "Чоки")	<p>– Jon Gil Ryon (Джон Киль Рён, DPRK, INN 972905167320) (10,000 rub., 100%)</p> <p>– Gavasheli Yuliya Olegovna (Гавашели Юлия Олеговна, Russian, INN 071604327171) - director</p>	Moscow	<p>OGRN 1197746757999</p> <p>INN 9709058310</p> <p>KPP 772501001</p> <p>OKPO 42913571</p>	According to a Member State, suspected of employing approximately 15 DPRK nationals earning income ("workers") in 2023	RF: The DPRK former founder of the company left the Russian Federation in the 2019-2020 period and was subsequently removed from ownership of the company. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.
Cholsan, ООО (ООО "Чхолсан")	<p>– Генеральная Торговая Компания "Чхолсан" Кндр (Cholsan General Trading Company, DPRK) (10,000 rub., 100%)</p> <p>– Gi In Hwang (Гэ Ен Хван, DPRK, INN 540551616620) - Director</p>	Novosibirsk	<p>OGRN 1045401961054</p> <p>INN 5405284511</p> <p>KPP 540501001</p> <p>OKPO 75840120</p>	According to a Member State, suspected of employing approximately 700 DPRK workers in 2023	RF: Since 22 December 2019 no work permits have been issued to the DPRK citizens at CHKHOLSAN, ООО and no notifications of issuance of relevant labor or civil law contracts have been received.
Cholsan, ООО (ООО "Чхолсан")	<p>– Генеральная Торговая Компания "Чхолсан" КНДР (Cholsan General Trading Company DPRK, DPRK) (10,000 rub., 100%)</p> <p>– Pokholkov Anatoli Viktorovich (Похолков Анатолий Викторович, Russian, INN 381000420479) - director</p>	Irkutsk	<p>OGRN 1033801039865</p> <p>INN 3808094534</p> <p>KPP 384901001</p> <p>OKPO 15011653</p>	According to a Member State, suspected of employing approximately 100 DPRK workers in 2023	RF: The company was liquidated in 2021 and does not conduct any activities at present. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.
Dao, ООО SK (ООО СК "Дао")	<p>– Hao Telao (Хаотэлао, DPRK, INN 170114539570) (40,000 rub., 80%)</p> <p>– SARF, ООО (ООО "САРФ") (9,900 rub., 19.80%) (Russian, INN 5404018010; 100% owned by Zhubrin Oleg Ivanovich (Жубрин Олег Иванович , Russian, INN 772580232320))</p> <p>– Den Yuliya Valerevna (Дэн Юлия Валерьевна, Russian, INN 540120952924) (100 rub., 0.20%)</p>	Novosibirsk	<p>OGRN 1195476006340</p> <p>INN 5405035240</p> <p>KPP 540501001</p> <p>OKPO 35710146</p>		RF: There are no DPRK citizens among the founders of the company. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.

Denkostroï, ООО (ООО "Денкострой")	– Kim In Chol (Ким Ин Чер, DPRK, INN 132612917409) (10,000 rub., 100%) – Yun Myong Bong (Юн Мен Бон, ROK, INN 165816933241) - director	Kazan	OGRN 1151690016686 INN 1658176887 KPP 166001001 OKPO 82332803		RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Dom-Master, ООО (ООО "Дом- Мастер")	– Ro Chen Nam (Ро Чен Нам, DPRK, INN 723011732388) (15,000 rub., 100%) – Sin Do Nam (Син До Нам, DPRK, INN 723021338704) - director	Tyumen	OGRN 1147232021848 INN 7203309414 KPP 720301001 OKPO 32734459	According to a Member State, suspected of employing approximately 40 DPRK workers in 2023	RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Economic Technical Cooperation, ООО (ООО "ЭТС")	– Song Yong Nam (Сонг Ыонг Нам, DPRK, INN 254010842258) (10,000 rub., 100%)	Vladivostok	OGRN 1192536006244 INN 2537139579 KPP 253701001 OKPO 36208259		RF: The DPRK citizens who are occupied by this company are undergoing their educational internship there. There is no evidence concerning the profit of DPRK citizens in this company.
Enisei, ООО (ООО "Енисей")	– Kim Dok Sam (Ким Док Сам) – owner – Ri In Chol (Ли Ен Чер, DPRK, INN 525801031616) - director	Krasnoyarsk	OGRN 1082468027432 INN 2466210127 KPP 246601001 OKPO 86620723	According to a Member State, suspected of employing approximately 500 DPRK workers in 2023 According to commercial business databases, Enisei, ООО has bid on and won supply contracts for Russian State agencies, with the	RF: There is no existing company with this name. There is no evidence concerning the profit of DPRK citizens in this company.

				most recent being in 2017. ²⁴⁷	
Enisei-K, ООО (ООО "Енисей-К")	<ul style="list-style-type: none"> – Ri In Chol (Ли Ен Чер, DPRK, INN 525801031616) (10,000 rub., 100%) – Gadzhiev Nadir Islam Ogly (Гаджиев Надир Ислам Оглы, Russian, INN 246202477060) - director 	Krasnoyarsk	OGRN 1172468020890 INN 2466180313 KPP 246501001 OKPO 13376190		RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Epsilon, ООО (ООО "Эпсилон")	<ul style="list-style-type: none"> – Choi Chon Gon (Чой Чон Гон, Russian, INN 650114643613) (5,100 rub., 51%) - director – So Myong (Со Мен, DPRK, INN 254342019464,) (4,900 rub., 49%) 	Vladivostok	OGRN 1212500016410 INN 2543158731 KPP 254001001 OKPO 50440164	<i>See also para. 167(Sp Myong) and Epsilon], Annexes 71 and 72</i>	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Everest, ООО (ООО "Эверест")	<ul style="list-style-type: none"> – Weng Kwe Hui (Вэн Хуэйхуэй, DPRK, INN 713079732074) (10,000 rub., 50%) – Zhu Fuying (Чжу Фуин, Chinese, INN 713079732148) (5,000 rub., 25%) – Lyao Shoutszyun (Ляо Шоуцзюнь, Chinese, INN 713079731970) (5,000 rub., 25%) – Gorokhova Ilvira Rashitovna (Горохова Ильвира Рашитовна, Russian, INN 710600136425) - director 	Tula	OGRN 1107154026320 INN 7107525684 KPP 710701001 OKPO 67624000		RF: It is known for certain that there are no DPRK citizens among the founders of this company. There is no evidence concerning the profit of DPRK citizens in this company.

247 For instance, see <https://www.rusprofile.ru/id/4155216>.

Falcon Krest Management, ООО (ООО "Фэлкон Крэст Менеджмент")	– Ri Ken Jon (Ли Кен Джон, DPRK, INN 253612825000) (10,000 rub., 100%)	Vladivostok	OGRN 1022501311601 INN 2536091557 KPP 254001001 OKPO 52112889		RF: The founder of this company is a citizen of the Republic of Korea. There is no evidence concerning the profit of DPRK citizens in this company.
Fiton, ООО SP (ООО СП "Фитон")	<p>– Department for the Production of Drugs of the Ministry of Health of the DPRK (Управление По Производству Корепрепаратов Министерства Здравоохранения КНДР) (80,000 rub., 40%)</p> <p>– Galkina Elena Yurevna (Галкина Елена Юрьевна, Russian, INN 753400453629) (69,000 rub., 34.50%)</p> <p>– Department of State Property and Land Relations of the Trans-Baikal Territory (Департамент Имущества Забайкальского Края, OGRN 1087536008801, INN 7536095984, KPP 753601001, OKPO 24738294) (51,000 rub., 25.50%)</p> <p>– Galkin Nikolai Anatolevich (Галкин Николай Анатольевич, Russian, INN 753400222389) - director</p>	Chita	OGRN 1027501147750 INN 7536033674 KPP 753601001 OKPO 05877280		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Genstroj-Okryu, ООО (ООО "Генстрой-Окрю")	<p>– Dobrynin Roman Germanovich (Добрынин Роман Германович, Russian, INN 666403024183) (5,100 rub., 51%)</p> <p>– Pak Ju Il (Пак Зу Ир, DPRK, INN 668504679775) (4,900 rub., 49%)</p> <p>– Bolotbek Uulu Kalnazar (Болотбек Уулу Калназар, Kyrgyzstani, INN 667807801253) - director</p>	Ekaterinburg	<p>OGRN 1156658013808</p> <p>INN 6670315744</p> <p>KPP 667801001</p> <p>OKPO 51815666</p>		RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Geonrim, ООО (ООО "Геонрим")	<p>– Shin Song Ho (Син Сен Хо, DPRK, INN 250212857820) (10,000 rub., 100%)</p> <p>– Tsarev Dmitri Vladimirovich (Царёв Дмитрий Владимирович, Russian, INN 253812406286) - director</p>	Artem	<p>OGRN 1162536085744</p> <p>INN 2502055818</p> <p>KPP 250201001</p> <p>OKPO 04620567</p>		RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Good Choice Co. LTD (ООО "Гуд Чойс")	– An Hyon Jang (Ан Хё Чан, DPRK, INN 253616084233) (10,000 rub., 100%)	Vladivostok	<p>OGRN 1122536004579</p> <p>INN 2536252420</p> <p>KPP 253601001</p> <p>OKPO 38568826</p>		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Gvanbok 3, ООО (ООО "Гванбок 3")	<p>– Tishko Pavel Eduardovich (Тишко Павел Эдуардович, Russian, INN 695007619850) (108,000 rub., 90%) – director</p> <p>– Pak Chan Bok (Пак Чан Бок, DPRK, INN 540543017976) (12,000 rub., 10%)</p>	Tverskaya	<p>OGRN 1126952029973</p> <p>INN 6950160236</p> <p>KPP 694901001</p> <p>OKPO 10826408</p>	According to a Member State, suspected of employing approximately 50 DPRK workers in 2023	RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Intellekt, ООО (ООО "Интеллект")	<p>– Kozlov Sergei Mikhailovich (Козлов Сергей Михайлович, Russian, INN 638200030027) (7,000 rub., 70%) – director</p> <p>– Jon Jin Yong (Чон Чин Ен, DPRK, INN 773169419890) (3,000 rub., 30%)</p>	Moscow	<p>OGRN 1197746161711</p> <p>INN 7701080141</p> <p>KPP 773101001</p> <p>OKPO 36481498</p>	According to a Member State, Jon Jin Yong worked with Kozlov Sergei Mikhailovich to coordinate the use of DPRK construction workers in Russia and served as a	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

				director of one of Kozlov's companies. Jon Jin Yong reportedly led a team of DPRK information technology (IT) workers in Russia and worked with Russian nationals to obtain identification documents to validate the DPRK IT team's accounts on freelance IT work platforms. Some of the identity documents were reportedly from family members or Russian employees of Kozlov. Jon Jin Yong also reportedly coordinated a Moscow-based construction project between Intellekt LLC and a Second Academy of Natural Sciences (KPe.018) cover company. ²⁴⁸	
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²⁴⁸ <https://home.treasury.gov/news/press-releases/jy1710>

Kanson, ООО (ООО "Кансон")	<ul style="list-style-type: none"> – Pak Myong Chol (Пак Мьонг Чоль, DPRK, INN 502991481475) (12,000 rub., 100%) – Galman Oleg Nikolaevich (Гальман Олег Николаевич. Russian, INN 772995741974) - director 	Moscow	OGRN 1145027010985 INN 5027210830 KPP 771601001 OKPO 32998632	According to a Member State, suspected of employing 2 DPRK workers in 2023	RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Konmen, ООО (ООО "Конмен")	<ul style="list-style-type: none"> – Choe Myong Chol (Цой Мионг Чол, DPRK, INN 540703027414) (10,000 rub., 51.02%) – Mamaev Serdar Mineevich (Мамаев Сердар Минеевич, Russian, INN 540540745374) (9,600 rub., 48.98%) – Lipovtseva Larisa Nikolaevna (Липовцева Лариса Николаевна, Russian, INN 540436326137) - director 	Novosibirsk	OGRN 1135476075525 INN 5404484116 KPP 540401001 OKPO 23613068	According to a Member State, suspected of employing approximately 100 DPRK workers in 2023	RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Konsol, РК (ПК "Консол")	<ul style="list-style-type: none"> – Kim Aleksei Vladimirovich (Ким Алексей Владимирович, Russian, INN 272513091350) (2,000 rub., 20%) - cooperative chair – Kim Chol Ho (Ким Чер Хо, DPRK, INN 272304014432) (2,000 rub., 20%) – Ri En Ho (Ли Ен Хо, DPRK, INN 272304015002) (2,000 rub., 20%) – Pak Won Sam (Пак Вон Сам, DPRK, INN 272410631797) (2,000 rub., 20%) – Son Jun Il (Сон Чун Ир, DPRK, no INN) (2,000 rub., 20%) 	Khabarovsk	OGRN 1222700008376 INN 2724249405 KPP 272401001 OKPO 49382496		RF: There is no existing company with this name. There is no evidence concerning the profit of DPRK citizens in this company.

Korea Med Servis, ООО (ООО "Кореа Мед Сервис")	– Karazhaev Mukhamed Vladimirovich (Каражаев Мухамед Владимирович, Russian, INN 260904891308) (55,000 rub., 55%) – director – Kwak San Ho (Квак Сан-Хо, DPRK, INN 772973247480) (15,000 rub., 15%) – Sakhnovski Boris Samuilovich (Сахновский Борис Самуилович, Russian, INN 773008962400) (11,000 rub., 11%) – Zyuzin Andrei Aleksandrovich (Зюзин Андрей Александрович, Russian, INN 772580660502) (11,000 rub., 11%) – Choe Ho Jin (Чой Хио Джин, <i>no INN</i>) (8,000 rub., 8%)	Zolskoe	OGRN 1140725001581 INN 0725014586 KPP 070201001 OKPO 98845232		RF: The founder of this company is a citizen of the Republic of Korea. There is no evidence concerning the profit of DPRK citizens in this company.
Koryo Group, ООО (ООО "Корё Групп")	– Gavasheli Yuliya Olegovna (Гавашели Юлия Олеговна, Russian, INN 071604327171) (150,000 rub., 50%) – director – Han Chol Ho (Хан Чхол Хо, DPRK, INN 772992694363) (150,000 rub., 50%)	Moscow	OGRN 5177746348632 INN 7725410416 KPP 772501001 OKPO 22126701		RF: The DPRK former founder of the company left the Russian Federation in the 2019-2020 period and was subsequently removed from ownership of the company. The DPRK citizens from this company were associated with this organization within the framework of educational practice. There is no information on the profit made by the DPRK citizen from the activities of the company. No other facts were found regarding possible violations of the DPRK UN sanctions regime.

Koten, ООО (ООО "Котен")	<ul style="list-style-type: none"> – Koten, ООО (Russian) (9,184.43 rub., 45%) – Kim Gym Dya (Ким Гым Дя, Russian, INN 650103925944) (5,206.59 rub., 25.51%) – Ko Dong Jin (Ко Донг Чжин, DPRK, INN 651000345083) (3,977.83 rub., 19.48%) – АО «Хангуксахалинчжавонкэбаль» (ID# 1101115419886, ROK) (2,040.98 rub., 10%) – Zozulya Vladimir Anatolevich (Зозуля Владимир Анатольевич, Russian, INN 650200397979) - director 	Aleksandrovsk-Sakhalinski	OGRN 1116501004531 INN 6501239619 KPP 650201001 OKPO 69918846	According to business databases, Koten, ООО has bid on and won four supply contracts for Russian State agencies, as recently as late 2021.249	RF: The founder of this company is a citizen of the Republic of Korea. There is no evidence concerning the profit of DPRK citizens in this company.
KR-Stroi, ООО (ООО "КР-Строй")	– Choe Yun Myong (Чое Юн Мьонг, DPRK, INN 250216808951) (10,000 rub., 100%)	Artemovski	OGRN 1232500005760 INN 2502071217 KPP 250201001 OKPO 95050058		RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Maiskoe, ООО (ООО "Майское")	<ul style="list-style-type: none"> – Chzhiyuan Ma (Чжюань Ма, DPRK INN 246610127031) (45,000 rub., 45%) – Kordoeva Emiliya Arkadevna (Кордоева Эмилия Аркадьевна, Russian, INN 040401170277) (30,000 rub., 30%) – director – ООО "Шипуновские Закрома" (OGRN 1142468024160, Russian)) (25,000 rub., 25%) 	Barnaul	OGRN 1172225021242 INN 2222858668 KPP 222501001 OKPO 10356531		RF: It is known for certain that there are no DPRK citizens among the founders of this company. There is no evidence concerning the profit of DPRK citizens in this company.

Maru, ООО (ООО "Мару")	– Ri Songbe (Ли Сонгбэ, DPRK, INN 507505934591) (50 000 rub., 100%)	Moscow	OGRN 5157746210496 INN 7743134487 KPP 774301001 OKPO 52688081		RF: The DPRK citizens who are occupied by this company are undergoing their educational internship there. There is no evidence concerning the profit of DPRK citizens in this company.
Medifeis, ООО (ООО "Медифейс")	– Artemenko Sergei Viktorovich (Артёмченко Сергей Викторович, Russian, INN 272113166402) (5,000 rub., 50%) – Kim Sung Han (Ким Сунг Хан, DPRK, INN 272412112821) (5,000 rub., 50%) – Losik Dmitri Viktorovich (Лосик Дмитрий Викторович, Russian, INN 272405289218) - director	Khabarovsk	OGRN 1162724071135 INN 2724213470 KPP 272401001 OKPO 03243795		RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
Megatour, ООО (ООО "Мегатур")	– Kim Joo Hi (Ким Чжухи, DPRK, INN 254300253208) (9,000 rub., 90%) – Kim Tatyana Radikovna (Ким Татьяна Радиковна, Russian, INN 250811762279) (1,000 rub., 10%) – Kim Valentina Radionovna (Ким Валентина Радионовна, Russian, INN 252533452876) - director	Vladivostok	OGRN 1072508001510 INN 2508078561 KPP 254301001 OKPO 80908104		RF: The DPRK citizens who are occupied by this company are undergoing their educational internship there. There is no evidence concerning the profit of DPRK citizens in this company.
Mire-1, ООО (ООО "Мирэ-1")	– Kim Chung Sung (Ким Чхун Сен, DPRK, INN 231132258073) (10 000 rub., 100%) – Pak Sun Sam (Пак Сун Сам, DPRK, INN 231222877751) – Director	Krasnodar	OGRN 1152312010718 INN 2312233847 KPP 231201001 OKPO 29573917		RF: There is no existing company with this name. There is no evidence concerning the profit of DPRK citizens in this company.
Moran, ООО (ООО "Моран")	– Ro Myong Hak (Ро Мен Хак, DPRK, INN 667905580958) (100,000 rub., 100%) - director	Ekaterinburg	OGRN 1146679006891 INN 6679048370 KPP 667901001 OKPO 35162265	According to a Member State, suspected of employing approximately 100 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

MTS, ООО (ООО "МЦ") - <i>Massage Center, ООО</i>	– Choe Myong Chol (Цой Мионг Чол, DPRK, INN 540703027414) (15,750 rub., 50%) – Jin Song In (Зен Сен Ен, China, INN 540144059124) (15,750 rub., 50%) – Kim Hyon Su - director (Ким Хен Су, DPRK, INN 540553983584)	Novosibirsk	OGRN 1125476111551 INN 5401359519 KPP 540601001 OKPO 11828386		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
My Key, ООО (ООО "Май Кей")	– Kim Hee Won (Ким Хи Вон, DPRK, INN 770373148437) (7,500 rub., 75%) – Kim Umji (Ким Умджи, <i>no INN</i>) (2,500 rub., 25%) – Novikova Violetta Anatolevna (Новикова Виолетта Анатольевна, Russian, INN 272004664292) - director	Moscow	OGRN 1207700353410 INN 9702023301 KPP 770201001 OKPO 45758941		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Nakhotek, ООО (ООО "Нахотек")	– Ryang Yon Rim (Рян Ен Рим, DPRK, INN 250822274107) (10,000 rub., 100%) – Bogdanovski Pavel Nikolaevich (Богдановский Павел Николаевич, Russian, INN 253805519345) - director	Partizansk	OGRN 1162536072412 INN 2508127000 KPP 250801001 OKPO 03165776		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Neftyanaya Stolitsa, ООО (ООО "Нефтяная Столица")	– Zhao Ying (Чжао Ин, Chinese, INN 723002840700) (38,950 rub., 50%) – Zou Yanchun (Цзоу Яньчунь, DPRK, INN 720323928310) (38,950 rub., 50%) - director	Tyumen	OGRN 1037200569768 INN 7203079263 KPP 720301001 OKPO 12480784		It was also established that among the founders of NEFTYANAYA STOLITSA, ООО there are no DPRK citizens. The Russian competent authorities have no information regarding the North Korean citizens profiting from the activities of the legal entities mentioned in the request.
Novostroi, ООО (ООО "Новострой")	– Jang Gum Chol (Чан Гым Чер, DPRK, INN 250307574563) (10,000 rub., 100%) – Choe Kwang Yong (Цой Кван Ен, DPRK, INN 250821718173) - director	Nakhodka	OGRN 1192536033997 INN 2508136679 KPP 250801001 OKPO 42010165		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Oryun, ООО (ООО "Орюн")	<p>– Kim Hye Son (Ким Хе Сон, DPRK, INN 254300252564) (10,000 rub., 100%)</p> <p>– Danilyak Elena Nikolaevna (Даниляк Елена Николаевна, Zou Yanchun INN 650102300001) - director</p>	Vladivostok	<p>OGRN 1112540009757</p> <p>INN 2540176852</p> <p>KPP 253601001</p> <p>OKPO 91837376</p>	According to a Member State, suspected of employing approximately 10 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Pioner, ООО (ООО "Пионер")	<p>– Kim Hye Son (Ким Хе Сон, DPRK, INN 254300252564) (10,000 rub., 100%)</p> <p>– Danilyak Elena Nikolaevna (Даниляк Елена Николаевна, Zou Yanchun INN 650102300001) - director</p>	Vladivostok	<p>OGRN 1132502001664</p> <p>INN 2502047408</p> <p>KPP 254301001</p> <p>OKPO 27869973</p>	The Panel has previously reported on Pioner, ООО, which was and remains registered at an address (12 Nevskaya ul., Vladivostok, Russia, 690048) similar to that of the DPRK Consulate in Vladivostok (12A Nevskaya ul., Vladivostok, Russia, 690018), and “consider[ed] that [this company’s] collaborative activity with the Democratic People’s Republic of Korea is “prohibited under paragraph 18 of resolution 2375 (2017). This also constitutes a violation of paragraph 18 of resolution 2321 (2016) unless the company moved	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

				out before its adoption.” ²⁵⁰	
Primagrosoya, ООО (ООО "Примагросоя")	<ul style="list-style-type: none"> – Korean General Corporation "Kumgan" (Корейская Генеральная Корпорация "Кымган", DPRK) (9,900,000 rub., 50%) – Primagrosoya, ООО (Russian) (9,900,000 rub., 50%) – Korneev Yuri Aleksandrovich (Корнеев Юрий Александрович, Russian, INN 250600049710) - director 	Dalnerechensk	OGRN 1122508002132 INN 2508110960 KPP 250601001 OKPO 10228187	According to a Member State, suspected of employing approximately 5 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Pyongyang Construction Company, ООО (ООО "Пхеньянская Строительная Компания", ООО "ПСК")	<ul style="list-style-type: none"> – Kim Hyon Hee (Ким Хен Хи, DPRK, INN 701744227742) (10,000 rub., 100%) – Kiporenko Tatyana Vladimirovna (Кипоренко Татьяна Владимировна, Russian, INN 702203663197) - director 	Tomsk	OGRN 1107017004170 INN 7017257303 KPP 701701001 OKPO 64109846	According to a Member State, suspected of employing approximately 250 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Construction Company Rai (SK Rai), ООО (ООО "СК"Рай")	<ul style="list-style-type: none"> – Ri Bom Chol (Ли Бом Чхор, DPRK, INN 344409777950) (12,000 rub., 100%) – Kim Chol Song (Ким Чхоль Сон, DPRK, INN 344411719201) - director 	Volgograd	OGRN 1123444003330 INN 3444193695 KPP 344401001 OKPO 09555113	According to a Member State, suspected of employing approximately 750 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Raistroi, ООО (ООО "Райстрой")	<ul style="list-style-type: none"> – Kim En Chol (Ким Ен Чер, DPRK, INN 250211858050) (10,000 rub., 100%) – Ri Sen Nam (Ли Сен Нам, DPRK, INN 254305594667) - director 	Artem	OGRN 1062502018072 INN 2502029889 KPP 250201001 OKPO 94933146	According to a Member State, suspected of employing approximately 170	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

250 See S/2019/171 para 150.

				DPRK workers in 2023	
Rakvon, ООО (ООО "Раквон")	– Pak Un Hwa (Пак Ен Хва, DPRK, INN 540550342230) (12,000 rub., 100%) – Ri Kang Ho (Ли Ган Хо, DPRK, INN 540551491509) - director	Novosibirsk	OGRN 1125476063613 INN 5404459511 KPP 540401001 OKPO 38794675	According to a Member State, suspected of employing approximately 450 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Rakvon, ООО ETS (ООО ЭТС "Раквон")	– Kim Jon Chol (Ким Чен Чер, DPRK, INN 165925271421) (20,000 rub., 100%) – Kim Evgeni Georgevich (Ким Евгений Георгиевич, Russian, INN 165925589373) - director	Kazan	OGRN 1065262097779 INN 5262154409 KPP 166001001 OKPO 96650955	According to a Member State, suspected of employing approximately 350 DPRK workers in 2023	RF: RAKVON, ООО ETS has been officially liquidated.
SP Rakvon-Rai, ООО (ООО "СП Раквон-Раи")	– Kim Chon (Ким Чон, DPRK, INN 190210199752) (10,000 rub., 100%) – Voitov Sergei Vladimirovich (Войтов Сергей Владимирович, Russian, INN 190200219897) - director	Sayanogorsk	OGRN 1151902000249 INN 1902026425 KPP 190201001 OKPO 29634205		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Resurs DV, ООО (ООО "Ресурс ДВ")	– Pan Yong Yong (Пан Ен Ён, DPRK, INN 222261826481) (14,000 rub., 100%) – Ri Sang Ok (Ри Санг Ок, DPRK, 254341107911) - Director	Vladivostok	INN 2540178970 OGRN 1122540001055 KPP 253701001 OKPO 38559661		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Rokoms, ООО (ООО "Рокомс")	– Pak Yu Yun (Пак Ю Еун, DPRK, INN 253716783563) (10,000 rub., 100%)	Vladivostok	OGRN 1102537005724 INN 2537085316 KPP 254301001 OKPO 68543232		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Krasnoyarsk Office of the General Foreign Trading Company "Ronrado", ООО (ООО Кфгво "Рынрадо")	– Kim Se Chun (Ким Се Чун, DPRK, INN 246531378755) (12,500 rub., 100%) – Ri Hyok Chol (Ри Хек Чер, DPRK, INN 246531845791) - director	Krasnoyarsk	OGRN 1022401784679 INN 2460052058 KPP 246501001 OKPO 55434211	According to a Member State, suspected of employing approximately 600 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Roskor, ООО (ООО "Роскор")	– Choe Myong Chol (Чой Мионг Чол, DPRK, INN 540703027414) - 50% – Peshcherov Sergei Valentinovich (Пещеров Сергей Валентинович, Russian, INN 540409542749) - 50%, director	Novosibirsk	OGRN 1125476226138 INN 5404474982 KPP 540401001 OKPO 21005585	According to a Member State, suspected of employing approximately 50 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Ruscom, ООО (ООО "Руском")	– Ri Sun Rye (Ли Сун Ре, DPRK, INN 253611069841)	Vladivostok	OGRN 1222500013031 INN 2543166034 KPP 254301001 OKPO 48457281		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Ryn-Yarstroi, ООО (ООО "Рын-Ярстрой")	– Pak Gwang Son (Пак Гван Сен, DPRK, INN 760418687474) (10,000 rub., 100%) – Atif Karim Bashirovich (Атиф Карим Баширович, Russian, INN 760307908738) - director	Yaroslavl	OGRN 1167627098880 INN 7604315983 KPP 760601001 OKPO 05596032		The DPRK citizen who was the founder of RYN-YARSTROI, ООО left the Russian Federation and therefore was removed from the list of owners of these organizations.
Rynra, ООО (ООО "Рынра")	– Chon Dae Bom (Чон Тхэ Бом, DPRK, INN 246609295049) (10,000 rub., 100%) – Osmanov Elshad Ikham Ogly (Османов Эльшад Ильхам Оглы, Russian, INN 246524976289)- director	Krasnoyarsk	OGRN 1152468055486 INN 2466167030 KPP 246601001 OKPO 41034651		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Construction Company Rynrado (SK Rynrado), ООО (ООО "СК РЫНРАДО")	– Ri Hak Chol (Ли Хак Чер, DPRK, INN 540312312614) (10,000 rub., 100%) – Golovlev Roman Evgenevich (Головлев Роман Евгеньевич,	Novosibirsk	OGRN 1205400041857 INN 5405057195 KPP 540501001 OKPO 46053065	According to a Member State, suspected of employing approximately 650	It was also established that among the founders of SK RYNRADO, ООО there are no DPRK citizens. The Russian competent authorities have no information regarding the North Korean citizens profiting from the activities of

	Russian, INN 544052456256) - director			DPRK workers in 2023	the legal entities mentioned in the request.
Ryugen, ООО (ООО "Рюген")	– Shin Song Ho (Син Сен Хо, DPRK, INN 250212857820) (10,000 rub., 100%) – Tsarev Dmitri Vladimirovich (Царёв Дмитрий Владимирович, Russian, INN 253812406286) - director	Artem	OGRN 1162536084094 INN 2502055776 KPP 250201001 OKPO 04464222		RF: The DPRK citizen who used to be a founder of this company has left the Russian Federation and was subsequently removed from the lists of the founders of this organization. There is no evidence concerning the profit of DPRK citizens in those companies.
SF Troika, ООО (ООО "СФ"Тройка")	– Ri Un Il (Ли Ен Ир, DPRK, INN 165928346330) (11,000 rub., 100%)	Kazan	OGRN 1141690028600 INN 1659144856 KPP 165901001 OKPO 47106757		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Shik, ООО (ООО "Шик")	– Kim Hyok Chol (Ким Хек Чер, DPRK, INN 251121515780) (10,000 rub., 100%) – Balobasov Dmitri Leonidovich (Балобасов Дмитрий Леонидович, Russian, INN 410101060035) - director	Ussurisk	OGRN 1142511001148 INN 2511087630 KPP 251101001 OKPO 10239191	According to a Member State, suspected of employing approximately 750 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Sin Pen, ООО (ООО "Син Пен")	– Jong Tong Du (10,000 rub., 100%) (Жонг Тонг Ду, DPRK, INN 272304383623) – Kim Aleksei Vladimirovich (Ким Алексей Владимирович, Russian, INN 272513091350) - director	Khabarovsk	OGRN 1172724025198 INN 2723196768 KPP 272301001 OKPO 19578658		RF: There is no existing company with this name. There is no evidence concerning the profit of DPRK citizens in this company.
Staffkom, ООО (ООО "Стаффком")	– Nam Myong Chol (Нам Мен Чол, DPRK, INN 250214105463) (10,000 rub., 100%)	Vladivostok	OGRN 1127746262588 INN 7704805163 KPP 253601001 OKPO 09203199		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Stroi-P, ООО (ООО "Строй-П")	– Kim Chang Son (Ким Чанг Сон, DPRK, INN 254342151134) (50,000 rub., 100%)	Nakhodka	OGRN 1162536079111 INN 2508127642 KPP 250801001 OKPO 03865150		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Stroika-5, ООО (ООО "Стройка-5")	<ul style="list-style-type: none"> – Foreign Construction Company Photongan (Внешнестроительное Общество "Пхотонган") (DPRK) (6,000 rub., 60%) – Dudin Aleksandr Evlampievich (Дудин Александр Евлампиевич, Russian, INN 381250476570) (2,000 rub., 20%) – Kulikov Daniil Danilovich (Куликов Даниил Данилович, Russian, INN 380801332222) (2,000 rub., 20%) – Pulyaevskaya Lyudmila Ivanovna (Пуляевская Людмила Ивановна, Russian, INN 381001461340) - director 	Irkutsk	OGRN 1023801549133 INN 3811074231 KPP 381001001 OKPO 15018610	According to a Member State, suspected of employing approximately 75 DPRK workers in 2023	RF: STROIKA-5 has been officially liquidated.
Stroiproekt, ООО (ООО "Стройпроект")	<ul style="list-style-type: none"> – Ryon Chol Jun (Рян Чхор Зун, DPRK, INN 250213051180) (10,000 rub., 100%) – O Jang Bok (О Чхан Бок, DPRK, no INN) - director 	Artem	OGRN 1162536094710 INN 2502056152 KPP 250201001 OKPO 02681599		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Tandao, ООО (ООО "Тандао")	<ul style="list-style-type: none"> – Wan Hun (Ван Хун, DPRK, INN 668604995767) (8,000 rub., 80%) – Kuzko Anatoli Borisovich (Кузько Анатолий Борисович, Russian, INN 773372448056) (2,000 rub., 20%) - director 	Moscow	OGRN 5157746049775 INN 7736255970 KPP 773601001 OKPO 17325568		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
TSK Daigon, ООО (ООО "ТСК "Дайгон")	<ul style="list-style-type: none"> – Ri Chan Hyo (Ли Чхан Хё, DPRK, INN 381119927241) (5,000 rub., 50%) – Minyaev Evgeni Yurevich (Миняев Евгений Юрьевич, Russian, INN 381019920108) (5,000 rub., 50%) - director 	Irkutskaya	OGRN 1213800000083 INN 3810086682 KPP 381001001 OKPO 21799303		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Vitamin ABC, LLC (ООО "Витамин ABC")	– An Chol Hwan (Ан Чол Хван, DPRK, INN 253612060658) (30,000 rub., 100%) – Tsydendambaeva Erzhena Zhamyanovna (Цыдендамбаева Эржена Жамьяновна, Russian, INN 031002370304) - director	Vladivostok	OGRN 1182536027189 INN 2536312012 KPP 253601001 OKPO 32252341		C: Nationality of individual is ROK
VSL, ООО (ООО "ВСЛ")	– Ri Son Be (Ли Сун Ре, DPRK, INN 253611069841) (10,000 rub., 100%) – Domanskaya Nina Viktorovna (Доманская Нина Викторовна, Russian, INN 253908734400) - Director	Vladivostok	OGRN 1182536023669 INN 2536311403 KPP 253601001 OKPO 31638794		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Yaksan, ООО (ООО "ЯКСАН")	– Kim Un Sik (Ким Ун Сик, DPRK, INN 540550122516) (10,000 rub., 100%)	Novosibirsk	OGRN 1175476009466 INN 5405994208 KPP 540501001 OKPO 06513031		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
ZB-Stroi, ООО (ООО "ЗБ-Строй")	– Pak Chol San (Пак Чол Сан, DPRK, INN 246533076799) (10,000 rub., 100%) – Kirillova Natalya Rashidovna (Кириллова Наталья Рашидовна, Russian, INN 246005195355) - director	Krasnoyarsk	OGRN 1162468084294 INN 2465147306 KPP 246001001 OKPO 03050961		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Zenko-1, ООО (ООО "Зенко-1")	– Yu Yong Nam (Ю Ыонг Нам, DPRK, INN 253617535190) (10,000 rub., 100%)	Vladivostok	OGRN 1192536034338 INN 2543144464 KPP 253601001 OKPO 42067946		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Zenko-28, ООО (ООО "Зенко-28")	– Son Guk Il (Сон Кук Ил, DPRK, INN 251121515532) (11,000 rub., 100%) – Balobasov Dmitri Leonidovich (Балобасов Дмитрий Леонидович, Russian, INN 410101060035) - director	Ussurisk	OGRN 1062724056042 INN 2724093959 KPP 251101001 OKPO 95254447	According to a Member State, suspected of employing approximately 60 DPRK workers in 2023	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Zenko-39, ООО (ООО "Зенко-39")	<ul style="list-style-type: none"> – Jang Chin Man (Чан Чин Мен, DPRK, INN 772995534618) (5,000 rub., 50%) – Chen Gon Chol (Чен Ген Чер, Russian, INN 231124477339) (5,000 rub., 50%) – Ryu Jung Ryong (Рю Чхун Рён, DPRK, INN 231133389520) - Director 	Krasnodar	OGRN 1092308007670 INN 2308160794 KPP 231101001 OKPO 63233343	According to a Member State, suspected of employing approximately 600 DPRK workers in 2023	RF: Since 22 December 2019 no work permits have been issued to the DPRK citizens at ZENKO-39, ООО and no notifications of issuance of relevant labor or civil law contracts have been received. The DPRK citizens who were the founders of ZENKO-39, ООО, left the Russian Federation and therefore were removed from the list of owners of these organizations.
Zolotaya Zvezda, ООО (ООО "Золотая Звезда")	<ul style="list-style-type: none"> – Kim Chang Bo (Ким Чхан Бо, DPRK, INN 231222189191) (10,000 rub., 100%) 	Krasnodar	OGRN 1172375003382 INN 2310197801 KPP 231001001 OKPO 06383918		The DPRK citizen who was the founder of ZOLOTAYA ZVEZDA, ООО, has left the Russian Federation and therefore was removed from the list of owners of these organizations.

Note: Company and individual names have been transliterated from the original Russian-language documents.

Source: Russian Federation corporate registry records, commercial business databases, Panel investigations, Member States.

Annex 80: Russian Federation reply on So Myong, Choi Chon Gon and Epsilon Limited Trade Development

Upon receiving the letter OC.159 from [...], Acting Coordinator of the Panel of Experts, we have to share our most serious concern regarding the increasing reliance of the Panel in its work on unilateral sanctions imposed by third parties. It is deeply worrisome that the Panel has started to reference them more and more in its requests, completely disregarding the fact that such sanctions are illegitimate and obviously are out of scope of the relevant decisions of the United Nations Security Council and violate the established processes within the Council and the 1718 Committee. Moreover, we find it most regrettable that we find ourselves in the position when we have to remind the Panel of Experts of its mandate in accordance with the relevant UN SC resolutions. In these circumstances and in the interest of preserving the integrity of the Panel we, as a responsible Member of the 1718 Committee, have no other option, but to "return the letter to the sender", and express our sincere hope that the Panel will continue to fulfill its duties in accordance with its mandate, while reiterating our readiness to continue to see to the implementation of the relevant UN SC decisions.

Annex 81: Member State information on bank accounts maintained by Chinyong Information Technology Cooperation Company to launder illicit revenue acquired by DPRK IT workers^{251 252}

Bank Name	Account Number	Country
	6228480048628072976	China
	6228480049037710000	China
	6228480048628070000	China
	6230520040022230000	China
	6230520590021956972	China
	6217850400007690000	China
	6210810730036040000	China
	6217000730017650000	China
	6217000730012086852	China
	6217682902576070	China
	622203330100958000	China
	622908349145594000	China
	622908349145869000	China
	622908349146258000	China
	622908349146418000	China
	622908349145869215	China
	6216916502748110	China
	6216916503395990	China
	6216916503395992	China
	6216916502748118	China
	621691650339599	China
	6217992210020837695	China
	6217992210020830000	China
	6223092210010290000	China
	6217000730022979690	China
	or	
	6212263301020748983	China
	or	
	6217850400009615649	China
	or	

²⁵¹ Note: These accounts may be in the names of non-DPRK proxies whom DPRK IT workers pay for use of the proxy accounts.

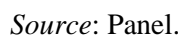
²⁵² The lead expert on this issue does not agree with redacting the bank names of one country.

[REDACTED]		
[REDACTED]	6222033301009588325	China
[REDACTED]	6217000730012086845	China
CJSC ALFA-BANK	458443282159	Russia
Savings Bank of the Russian Federation	427650002842	Russia
Savings Bank of the Russian Federation	427650002949	Russia
Savings Bank of the Russian Federation	427650004820	Russia
Savings Bank of the Russian Federation	427650005390	Russia
Savings Bank of the Russian Federation	427938067262	Russia
Savings Bank of the Russian Federation	546950001464	Russia
Savings Bank of the Russian Federation	546950001656	Russia
VTB Bank OJSC	536829101381	Russia
Tinkoff Bank	553691390605	Russia

Annex 82²⁵³: Member State information on bank accounts used by Shenyang GoldenPack Technic Development Co., Ltd (沈阳金派克技术开发有限公司) to launder money on behalf of by Chinyong Information Technology Cooperation Company's overseas DPRK IT workers

Bank Name	Account Number	Country
	621691650339599	China
	6230520590021956972	China

²⁵³ The lead expert on this issue does not agree with redacting the bank names of one country.



Annex 84: Member State replies to Panel enquiries on Chinyong Information Technology Cooperation Company-related bank accounts and Shenyang GoldenPack Technic Development Co., Ltd

China: “Based on thorough investigations conducted on the information provided by the Panel and found no evidence that the relevant banking accounts violated UN Security Council resolutions related to the DPRK.”

Russian Federation: “The research showed that VTB Bank OJSC and CJSC ALFA-BANK have not opened up to date any of the banking accounts enlisted in the request. 6 out of 8 enlisted banking accounts have not been opened by Tinkoff Bank. The other two accounts belong to Russian nationals. There has been no evidence found that these Russian nationals are related to the DPRK company Chinyong Information Technology Cooperation Company.”

Annex 85²⁵⁴: Member State information on bank accounts in China utilized by a Ministry of the People's Armed Forces (KPe.054; aka Ministry of Defense, Ministry of National Defense) subordinate, 53 Department (aka 53 Bureau), to remit earnings back to the control of 53 Department headquarters

Bank Name		Account Number
		6228480651791066012
		6228480598009645576
		6228480598984746670
		6228480040982962314
		6228480405985833673
		6228450598045896874
		6228480040931503615
		6228480049053963978
		6228480049106904573
		6228480049036571476
		6228480048557360178
		6228450010019377311
		6230520660077960176
		6228450018065928770
		6228490048013665473
		6228480598962490473
		6214680052525555
		6216610500001223590
		6216690400000827249
		6013820500993112899
		6216690400000504244
		4563510400014862906
		6222020707000477018
		016120101130097002
		6212250200002118006
		6217000180029387242
		6222620440000830747
		6226621906546740
		6226681900094519
		6226621907113672
		6214351242416472
		6214830207467621
		6217000610004236907
		6227003811740281878
		6217002390008678804

²⁵⁴ The lead expert on this issue does not agree with redacting the bank names of one country.

		6222620440000359259
		6230200122959740
		6222030200014260594
		6212260707001828995
		6222033301010216080
		6222030707002319547
		6222030707000922771
		6222084000005998631
		6222030705000062259
		6222080707000722071
		9558883301000144636
		6222620440001391533
		6222620310008316215

Annex 86²⁵⁵: Information on Yantai Jinmin Industry and Trade Company (烟台锦旻工贸有限公司, Uniform Social Credit Code 91370600690624493F)

According to a Member State, Chinese national Li Zhenyu (DOB 8 February 1977, associated with identification number 210113197702085618), owner and legal representative of Yantai Jinmin Industry and Trade Company, is associated with the effort to establish a joint venture with Green Pine Associated Corporation (KPe.010).



Yantai Jinmin Industry and Trade

烟台锦旻工贸有限公司

在警 (开业) 企业

该企业被列入经营异常名录, 点击查看详情

统一社会信用代码: 91370600690624493F

注册号:

法定代表人: 李震宇

登记机关: 烟台市市场监督管理局开发区分局

成立日期: 2009年06月18日

发送报告

信息分享

信息打印

基础信息 | 行政许可信息 | 行政处罚信息 | 列入经营异常名录信息 | 列入严重违法失信名单 (黑名单) 信息 | 公告信息

■ 营业执照信息

Uniform Social Credit Code: 91370600690624493F

统一社会信用代码: 91370600690624493F

注册号:

类型: 有限责任公司(自然人独资)

注册资本: 500.000000万人民币

登记机关: 烟台市市场监督管理局开发区分局

住所: 烟台开发区泰山路88-7号

企业名称: 烟台锦旻工贸有限公司

法定代表人: 李震宇

成立日期: 2009年06月18日

核准日期: 2020年04月09日

登记状态: 在警 (开业) 企业

Legal representative: Li Zhenyu

Address: No. 88-7, Taishan Road, Yantai Development

经营范围: 销售: 挖掘机配件、建筑材料、金属制品、服装鞋帽、水产品、农副产品、专用化学产品 (不含危险品)、二类医疗器械、煤炭、棉纱、劳保用品、办公用品、家用电器、计算机及配件、计算机软件、包装材料、纸制品 (不含印刷)、化工原料及产品 (不含危险品)、印刷机械、卫生洁具、橡胶制品、汽车及摩托车配件、普通机电产品、音响器材、工业电子产品、缝纫机及配件、服装辅料、五金交电、货物、技术进出口。(依法须经批准的项目, 经相关部门批准后方可开展经营活动)。(依法须经批准的项目, 经相关部门批准后方可开展经营活动)

提示: 根据《市场主体登记管理条例》及其实施细则, 按照《市场监管总局办公厅关于调整营业执照照面事项的通知》要求, 国家企业信用信息公示系统将营业执照照面公示内容作相应调整, 详见https://gkml.samr.gov.cn/nsjg/djzcj/202209/t20220901_349745.html

请登录查看更多信息

Source: National Enterprise Credit Information Publicity System, Panel annotations.

²⁵⁵One member of the Panel is of the view that evidence in this Annex should be further corroborated.

492/615

24-02094

Annex 87²⁵⁶: Information from the Russian corporate registry on possible Russia-registered DPRK companies potentially employing DPRK nationals earning income

The Panel investigated Russian corporate registry records of well as 42 Russia-registered DPRK entities, which may be employing DPRK nationals earning income. Of the companies listed in this annex and Annex 73, the Russian Federation responded, “based on the results of the inspection it was found that 82 legal entities noted in the request do not actually operate, although they are listed in the Unified State Register of Legal Entities.” Russian Federation responses on individual companies are included in the table below.

Company name	DPRK owners / directors	Company location (Russian Federation)	Registration numbers	Additional information	Comments
Aisprint Consulting, FL КОО (ФЛ КОО "Айспринт консалтинг")	Kim Geng Il (Ким Генг Ил)	Saint Petersburg	INN 9909323950 OKPO 65977591		RF: Russian Federation replied that Aisprint Consulting, FL KOO had been officially liquidated.
Aprokkan, Pred OTZ (Пред ОТЗ "Апроккань") - Korea Amnokgang Technology Development Corporation Vladivostok Representative Office	Ri Yong Tae (Ри Ённг Тае) Hong Yong Sen	Vladivostok	INN 9909344990 KPP 253751001 OKPO 91800858	According to a commercial business database, has 7 “foreign” employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Korean Trading Company Changsu (Представительство Корейской торговой компании "Чансу" (КНДР) в г.Владивостоке)	Ri Song Il (Ри Сонг Иль)	Vladivostok	INN 9909404173 KPP 253651001 OKPO 31135923	According to a commercial business database, has 5 “foreign” employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of the Export and Import Company "Chhorsanbong" (Представительство Общества По Экспорту И Импорту "Чхорсанбонг")	Rim Chol Su (Рим Чоль Су)	Vladivostok	INN 9909538875 KPP 254392001	According to a commercial business database, has 5 “foreign” employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Trading Company Dorasi (Торговая Компания "Дораз")	Kim Song Jim (Ким Сен Гым)	Vladivostok	INN 9909543610 KPP 254092001	According to a commercial business database, has 5 “foreign” employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

²⁵⁶ One member of the Panel is of the view that information in this table should be further corroborated and analyzed in conjunction with information from the Russian Federation provided in Annex 79.

General Society for Export and Import of Ferrous Metals under the Ministry of Metallurgical Industry of the DPRK (Пред По Экспорту И Импорту Черных Металлов (КНДР))	Cha Yong Bom (Ча Ёонг Бом)	Vladivostok	INN 9909206615 KPP 254051001 OKPO 88262162		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Korean Trading Company Yolgwan (Представительство Корейской Торговой Компании "Ёльгван")	U Yong Nam (У Ёонг Нам)	Vladivostok	INN 9909551636 KPP 254392001	According to a commercial business database, has 10 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Korean Foreign Trade Company Yonhwa (Представительство Корейского Внешнеторгового Общества "Ёнхва")	Choe In Guk (Чое Ин Гук)	Vladivostok	INN 9909537381 KPP 254392001	According to a commercial business database, has 5 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Society of Information and Technology Exchange Enphun (Представительство Общества Обмена Информацией И Технологией "Енпхунь")	Ri Kvang (Ри Кванг)	Vladivostok	INN 9909498196 KPP 254392001	According to a commercial business database, has 10 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Yenphung Company for Distribution of Mariculture (Представительство Компании "Енпхунг" По Распространению Марикультуры)	Kim Ji Song (Ким Жи Сонг)	Vladivostok	INN 9909492067 KPP 254392001	According to a commercial business database, has 10 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Air Koryo Representative Office(Представительство Авиапредприятия "Эр Корё" Во Владивостоке)	Ryu Kvang Su (Рю Кванг Су)	Artem	INN 9909087020 KPP 250251001 NZA 20150034850	According to a commercial business database, has 3 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Air Koryo Moscow Representative Office (Пред "Эр Корё")	Pak Chan Hun (Пак Чан Хун)	Moscow	INN 9909087020 KPP 773851001 OKPO 59100257 NZA 20150034872	According to a commercial business database, has 2 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

				The Panel notes that this company's address (Office 106, 72 Mosfilmovskaya Ulitsa, Moscow, Russia, 119330) is similar to that of the DPRK Embassy in Moscow (72 Mosfilmovskaya Ulitsa, Moscow, Russia, 119590) and considers that this may constitute a violation of paragraph 18 of resolution 2321 (2016).	
Company Feson for Export and Import of Medications (Представительство Компании "Фёсон" По Экспорту И Импорту Медикаментов)	Kim Yong Chol (Ким Ыонг Чоль)	Vladivostok	INN 9909493656 KPP 254092001 NZA 20180001534	According to a commercial business database, has 5 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Компанија "Nam'yang Aloe" (Фл "Юнивера-Россия" В Г.Уссурийске)	Kim Ho (Ким Хо, INN 254000401127)	Ussurisk	INN 9909098350 OKPO 52098451		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Korean Scientific Society / Vladivostok (Влад пред Корейского Научного Общества)	Jo Se Gwan (Чо Се Гвон)	Vladivostok	INN 9900327377 OKPO 65485824		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Knde Ko. Ltd, Fl Koo (Фл Кoo "Кнде Ко. Лтд")	Jon Su Pak (Джон Су Пак)	Yuzhno-Sakhalinsk	INN 9909196149 OKPO 93111703		RF: The founder of KNDE KO. LTD, FL KOO is a citizen of the Republic of Korea. The Russian competent authorities have no information regarding the North Korean citizens profiting from the activities of the legal entities mentioned in the request.
'Representative Office of the Association " Korean Textile Center " (Пред Ассоциации "Корейский Текстильный Центр")	E Jon Gu (И Чжон Ву)	Moscow	INN 9909149163 KPP 773851001 OKPO 75368284		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Representative Office of the Korean Corporation "Kyong Un" (Представительство Корейской Корпорации "Кьонг Ун")	Kim Song Il (Ким Сонг Иль)	Vladivostok	INN 9909499778 KPP 253692001 NZA 20180002502	According to a commercial business database, has 10 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Korean Corporation Korea Keumgan Group (Представительство Корейской Корпорации "Кымган Групп" (КНДР) Г. Владивосток)	Kang Jang Rim (Канг Чанг Рим)	Vladivostok	INN 9909474967 KPP 253692001 NZA 20170000895	According to a commercial business database, has 5 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Korean Trading Company Geumganbong (Представительство Корейской Торговой Компании "Кымганбонг")	Son Gyong Il (Сон Кьонг Иль)	Vladivostok	INN 9909526929 KPP 254392001 NZA 20190000754	According to a commercial business database, has 10 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Ministry of Fisheries of the Dprk (Пред Мин-Ва Рыбного Хозяйства)	Ji Ryon Chol (Чи Ен Чеп)	Vladivostok	INN 9909137545 KPP 253692001 OKPO 88240249 NZA 20150022321	According to a commercial business database, has 5 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of the 21st Pyongyang Trading Company (Представительство 21-Й Пхеньянской Торговой Компании)	Ri Jang Gwang (Ри Чанг Гванг)	Vladivostok	INN 9909500663 KPP 253692001 NZA 20180002678	According to a commercial business database, has 10 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of a Korean Medical Instrument Manufacturing Company (Представительство Корейской Компании По Изготовлению Медицинских Инструментов)	U Yong Chol (У Ыонг Чоль)	Vladivostok	INN 9909542857 KPP 253692001 NZA 20190002613	According to a commercial business database, has 10 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of the Korean General Petroleum Association (DPRK) Vladivostok (Представительство Корейского Генерального	So Jun Sok (Со Жун Сок)	Vladivostok	INN 9909318559 KPP 253651001 NZA 20150038843	According to a commercial business database, has 4 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Нефтяного Объединения (КНДР) Г. Владивосток)					
Representation of the Joint Information Company of the 21st Century (Представительство Совместной Информационной Компании 21 Века)	Jang Jon Bok (Жанг Джун Бок)	Vladivostok	INN 9909552372 KPP 254392001 NZA 20190003658	According to a commercial business database, has 5 “foreign” employees	<i>Based on the Russian Federation’s response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of the Fishing Corporation "Raymond" (DPRK), Magadan (Представительство Рыболовной Корпорации "Раймонд" (КНДР) Г. Магадан)	Pak Jon Gil (Пак Чен Гил, INN 490916149208)	Magadan	INN 9909298084 KPP 490951001 OKPO 11219635 NZA 20160000322	According to a commercial business database, has 5 “foreign” employees	RF: The DPRK citizen who was the founder of the representative office of the Fishing Corporation "Raymond" left the Russian Federation and therefore was removed from the list of owners of these organizations.
Branch of the General Foreign Trade Company "Rakvon" DPRK (Vladivostok) (Филиал Генерального Внешнеторгового Общества "Раквон" КНДР (Г. Владивосток))	Kan Myong Ho (Кан Мен Хо)	Vladivostok	INN 9909483760 KPP 253791001 NZA 10170001490	According to a Member State, suspected of employing approximately 150 DPRK nationals earning income in 2023 According to a commercial business database, has 50 “foreign” employees	<i>Based on the Russian Federation’s response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of the Korean General Trading Company "Rynra-888" (Представительство Корейского Генерального Торгового Общества "Рынка-888")	Kim Yong Ho (Ким Ёнх Хо)	Vladivostok	INN 9909499834 KPP 254392001 NZA 20180002491	According to a commercial business database, has 5 “foreign” employees The Panel notes that this company’s address (12 Nevskaya ul., Vladivostok, Russia, 690048) is similar to that of the DPRK Consulate in	<i>Based on the Russian Federation’s response, the Panel is unable to ascertain whether the company is still operating.</i>

				Vladivostok (12A Nevskaya ul., Vladivostok, Russia, 690018) and considers that this may constitute a violation of paragraph 18 of resolution 2321 (2016).	
Representative Office of Techno-Trading Company "Sesung" DPRK (Vladivostok) (Представительство Техно-Торгового Общества "Сесунг" КНДР (Г. Владивосток))	Ri Sung Jon (Ли Сунг Хйон)	Vladivostok	INN 9909509507 KPP 253692001 NZA 20180003723	According to a commercial business database, has 5 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of the Korean Trading Company "Song Jin" (Представительство Корейской Торговой Компании "Сонг Жин")	Dong Rim Ho (Донг Рим Хо)	Vladivostok	INN 9909550569 KPP 253692001 NZA 20190003361	According to a commercial business database, has 5 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of the Korea Trading Company "Synri-Jonji" (DPRK) Vladivostok (Представительство Корейской Торговой Компании "Сынри-Чонзи" (КНДР) Г. Владивосток)	Ju Dong Sung (Жу Тонг Сунг)	Vladivostok	INN 9909401479 KPP 253651001 NZA 20160000311	According to a commercial business database, has 4 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of Corporation for Technologies "Tansim" (Представительство Корпорации По Технологгиям "Тансим")	Kim Yon Jin (Ким Ыон Жин)	Vladivostok	INN 9909560292 KPP 254392001 NZA 20200000667	According to a commercial business database, has 10 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of Trading Company "Ulrim" (Представительство Торговой Компании "Ульрим")	Pak Chol Man (Пак Чоль Ман)	Vladivostok	INN 9909542840 KPP 253692001 NZA 20190002591	According to a commercial business database, has 10 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

General Enterprise for Far Sea Navigation and Management under the Ministry of Land and Sea Transport of the DPRK (Влад Пред По Дальноморскому Судоходству)	Jong Jae Son (Жонг Жае Сон)	Vladivostok	INN 9909199661 KPP 253651001 OKPO 88240120 NZA 20150032496	According to a commercial business database, has 5 “foreign” employees	<i>Based on the Russian Federation’s response, the Panel is unable to ascertain whether the company is still operating.</i>
Vneshugol, Pred (Пред "Внешуголь")	Kim Hong Gwan (Ким Хон Гвон)	Neryungri	OKPO 52485449		RF: The DPRK citizen who was the founder of the representative office of the Fishing Corporation "Raymond" left the Russian Federation and therefore was removed from the list of owners of these organizations.
Representative Office of the Main Department of the Forestry "Wondon Rimob" of the Ministry of Forestry of the DPRK (Представительство Главного Управления Лесной Промышленности "Вондон Римоб" Минлеспрома КНДР) (Фл Гулп "Вондон Римоб")	Ri Gwon Yong (Ри Кван Йонг) Son Chan Il (Сон Чхан Ир)	Ussurisk Khabarovsk	INN 9909077617 KPP 251192001 NZA 20180001150, 20150012355 OKPO 85105019	According to a commercial business database, has 5 “foreign” employees	<i>Based on the Russian Federation’s response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative Office of the Pyongyang Foreign Trade Tobacco Company "Unha" in Vladivostok (Представительство Пхеньянского Внешнеторгового Табачного Общества "Ынха" В Г. Владивосток)	Pak Yong Jin (Пак Ыонг Жин)	Vladivostok	INN 9909461333 KPP 253692001 NZA 20160002490	According to a commercial business database, has 3 “foreign” employees	<i>Based on the Russian Federation’s response, the Panel is unable to ascertain whether the company is still operating.</i>
FI "Univera-Russia" in Ussuriysk (Фл "Юнивера-Россия" В Г. Уссурийске)	Kim Ho	Ussurisk	INN 9909098350 OKPO 52098451		<i>Based on the Russian Federation’s response, the Panel is unable to ascertain whether the company is still operating.</i>
Representation of the Korean Trading Company "Green Industry" (DPRK) Vladivostok (Представительство	O In Jun (О Ин Жун)	Vladivostok	INN 9909455900 KPP 253692001 NZA 20160001906	According to a commercial business database, has 4 “foreign” employees	RF: O In Jun could be the same person as the reported Vladivostok-based Korea Daesong Bank (KPe.035) representative O In Jun (see Annex 71)

Корейской Торговой Компании "Зеленая Индустрия" (КНДР) Г.Владивосток)					
Korea General Corporation for External Construction Vladivostok Representative Office (Представительство Корейского Генерального Общества По Строительству За Рубежом "Зенко" (КНДР), Г. Владивосток)	Ko Yongil (Ко Ёнгиль)	Vladivostok	INN 9909159891 KPP 254392001 NZA 20150022387	According to a commercial business database, has 17 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Korea General Corporation for External Construction Khasan Representative Office (Корейское Генеральное Общество По Строительству За Рубежом "Зенко" (КНДР))	Kim Myong Guk (Ким Мен Гук)	Khasan	INN 9909159891 KPP 253151001 OKPO 80944608 NZA 20150028184	According to a commercial business database, has 5 "foreign" employees	<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>
Representative office of the Korean TIC "Peksan" (Представительство Корейского ТИЦ "Пэксан")	Yun Tae Dok	Vladivostok	INN 9909392520 OKPO 27868212		<i>Based on the Russian Federation's response, the Panel is unable to ascertain whether the company is still operating.</i>

Note: Company and individual names have been transliterated from the original Russian-language documents. / Source: Russian Federation corporate registry records, commercial business databases, Panel investigations, Member States.

Annex 88: Individuals operating overseas reportedly related to Korean National Insurance Company (KPe.048) and/or its reported front/subordinate companies Polestar Insurance Company (PIC), Samhae Insurance Company (SIC), and Rainbow Intermediaries (RI)

Name	Suspected Position	Additional information	Location	Member State response
Choe Myong Chol	KNIC Representative	<u>Status</u> : Diplomat <u>Designation</u> : First Secretary (Economic and Commercial Section) <u>Date of arrival</u> : 25 May 2015 <u>DPRK passport number</u> : 481110043 <u>Date of birth</u> : 7 April 1974	Pakistan	“[Choe and Jon] are diplomats who have, during the last three years, travelled to China and DPRK only. No record of any commercial, rent-seeking or profitable activity is found yet... [and] no investigation or prosecution is underway”
Jon Hyon Chol	KNIC Representative	<u>Status</u> : Diplomat <u>Designation</u> : First Secretary (Economic and Commercial Section) <u>Date of arrival</u> : 18 January 2020 <u>DPRK passport number</u> : 481410050 <u>Date of birth</u> : 1 January 1985	Pakistan	“[Choe and Jon] are diplomats who have, during the last three years, travelled to China and DPRK only. No record of any commercial, rent-seeking or profitable activity is found yet... [and] no investigation or prosecution is underway”
Kim Yong Jin	KNIC Representative	<u>DPRK passport number</u> : 481410074 <u>Date of birth</u> : 28 September 1971	Nigeria	<i>No response</i>
Sin Jun Chol	KNIC Representative	N/A	Russia	“There is no evidence found regarding illegal activities relating to the Korean National Insurance Corporation (KNIC) (KPe.048).”
Mun Mi Hwa	PIC Associate	Conducted banking transaction on behalf of PIC in December 2022	Likely Nigeria	<i>No response</i>

Source: Member States, Panel investigations.

Annex 89: Information on companies reportedly assisting and/or working with the Korean National Insurance Company (KPe.048) and/or its front/subordinate companies

Company	Reported information on engagement with KNIC	Address
Fountain Court Partners	Assisted KNIC in recovering debts, between at least 2019 and 2022	No. 299, Ikorodu Road (Olatunji House), Behind Idiroko BRT Terminal 4th Floor, Left Wing, Maryland, Lagos State, Nigeria
Premium Broking House	Assisted KNIC in recovering debts, between at least 2019 and 2022	Street No. 404 – Bldg. 206 (2nd floor), Sin El Fil – Dekwaneh, PO Box: 55.659 Sin El Fil, Lebanon
Integ Partners	Assisted KNIC in recovering debts, between at least 2019 and 2022	Plot 448A Lagos Crescent, Off Ladoke, Akintola Boulevard, Garki 2, Abuja, Nigeria
BK & Associes	Assisted KNIC in recovering debts, between at least 2019 and 2022	Rue Washington, Cocody Val Doyen, 08 BP 3819 Abidjan 08 Côte d’Ivoire
Millbank Insurance Brokers, Ltd.	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters’ control, between at least 2020 and 2022	Ground Floor, Suite 08, Bluecrest Mall, Majek, Lekki Peninsula, Lekki – Epe Expressway, P.O. Box 6629, Marina, Lagos, Nigeria
QuickLink Insurance Brokers Ltd.	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters’ control, between at least 2020 and 2022	238, Muritala Mohammed Way, Ebute-Meta, Alagomeji, Yaba, Lagos State, Nigeria
Universal Insurance Plc	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC	8 Gbagada Expressway, Anthony 100232, Lagos, Nigeria

	headquarters' control, between at least 2020 and 2022	
Sechuwariis Development Foundation	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters' control, between at least 2020 and 2022	No. 13 Amichi-Okigwe Road, Nnewi-South LGA, Anambra, Nigeria
Somitel Ventures Enterprise	Facilitates KNIC's activities in Africa, including through cryptocurrency transactions on KNIC's behalf, as of 2023	Suite B15, Road 1, Ikota Shopping Complex, VGC, Lekki, Ajah, Lagos, Nigeria
New Elements Holdings Co. Ltd (新元素控股有限公司)	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters' control, between at least 2020 and 2022	Hong Kong
Li Xianzhu (Chinese national)	Partnered with or knowingly assisted KNIC in developing business opportunities, attempting to collect money, and/or facilitating financial transfers of funds to KNIC headquarters' control, between at least 2020 and 2022, utilizing [REDACTED] ²⁵⁷ (Asia) Ltd account number 718823353750	
Fairicc Survey & Loss Adjusting Co., Ltd.	Established a relationship with Samhae Insurance Company in 2019 (see Annex 85)	17/F, South Wing Huatong Plaza B, 19B, Chegongzhuangxi Rd, Beijing 100048

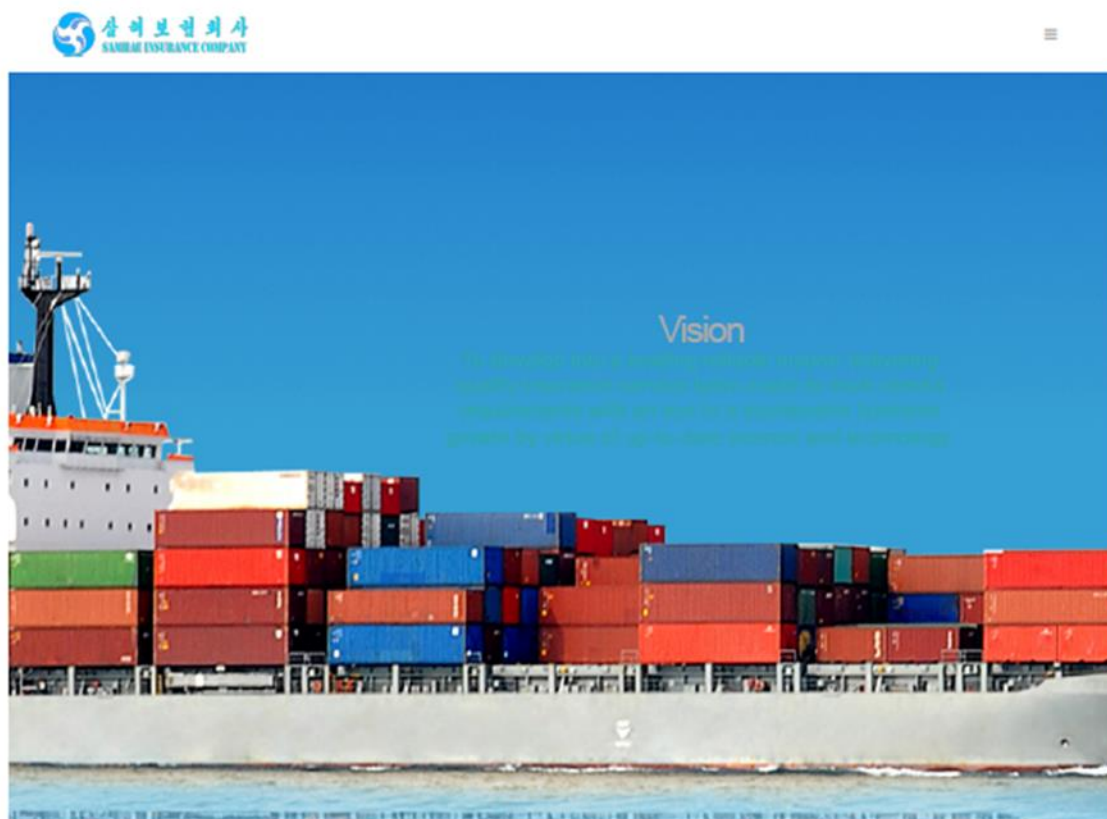
²⁵⁷ The lead expert on this issue does not agree with redacting the bank names of one country.

Kaztec Engineering	Contracted with Samhae Insurance Company for vessel insurance between 2019 and 2020 ²⁵⁸	2 Oguda Close, Off Lake Chad Crescent, Maitama, Abuja FCT, Nigeria
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Source: Member States, commercial business databases, company websites, media

²⁵⁸ <https://www.nknews.org/pro/nigerian-firm-wades-into-murky-legal-waters-with-north-korean-insurance-policy/>

Annex 90: Samhae Insurance Company Website (excerpts)



ABOUT US

Samhae Insurance Company, as a specialist marine, aviation and liability risk underwriter, provides bespoke insurance solutions to fit your needs.

Samhae is fortunate to have such highly skilled underwriting teams well equipped with extensive expertise and considerable experiences over the years and they are recognized as specialists in marine and aviation field by brokers, agents, clients and partners.

Rated a corporate entity solid in financial strength and stable in creditability by the Ministry of Finance, Samhae offers financial security to its clients in various fields.

Samhae has developed business relationships with brokerage firms and other (re)insurance companies at home and abroad to conduct insurance and reinsurance business on a global scale.

Over the past 5 years since its creation, the Company has delivered customized insurance solutions to meet the clients' needs resting on specialists' expertise and rich practical experience and thus has built up a solid corporate reputation in the domestic and international market.

Clients choose to work with us because they rely on our ability to fulfil our commitments, to deliver insurance solutions that best serve their needs and to develop long-standing relationships.



VISION

To develop into a leading reliable insurer delivering quality insurance service tailor-made to each client's requirements with an eye to a sustainable business growth by virtue of up-to-date science and technology.

MISSION

To secure the clients against the potential risks and in the case of loss or damage immediately indemnify them to aid their speedy recovery.

VALUES

To be consistent in adhering to the principles of integrity, transparency, promptness and accuracy in insurance service relying on the professionalism and rich experience.

WHY SAMHAE INSURANCE?

The economic outlook of the Company looks quite good as it is run by the rich human resources involving the excellent insurance experts while it pursues the most effective business and management strategies in doing business.

The insurance service of the Company is readily accessible to all of our clients everywhere in the country at any time since it has built up an elaborate distribution network of a number of local branches and agents.





The information technology-oriented service level of the Company is becoming increasingly sophisticated with the help of the latest science and technology such as mobile communication technology and computer network technology.

The Company is expanding its footprint in the international insurance market and is forming a cooperative relationship with a number of market players including brokerage firms, insurers and reinsurers on the globe.

COMPANY PROFILE

DATE OF ESTABLISHMENT 6th October 2016



⌋		State Insurance Commission.
		
	2017	The Company opened up 6 branch offices in the local cities.
⌋		
⌋	2nd May 2018	The Company began to release its Annual Report.
	1st November 2018	The Company commenced ceding marine facultative reinsurance to the foreign market for the first time since its operation.
⌋		
⌋	19th December 2018	The Company opened its website on the Internet.
	2018	The Company extended 4 more branch offices in the country.
⌋		
⌋	25th March 2019	Samhae Insurance Company made an agreement with and Fairroc Survey & Loss Adjusting Co., Ltd to appoint the latter as the International loss adjuster.

Source: www.naenara.com.kp/sites/samhae/, Panel annotations

Annex 91: Information on business and trade activities conducted by alleged DPRK Reconnaissance General Bureau (KPe.028) representative Nam Chol Ung

Business activity

Laos

- According to a Member State, Nam is the owner of Mekong Development Co. Ltd., which in turn owns New Arena Sports Complex (Sisattanak District, Vientiane)

Thailand

- Nam is reportedly the owner of DP Law and Business Group Company Limited (บริษัท ดีพี ลอว์ แอนด์ บิซิเนส กรุ๊ป จำกัด)
 - Address: 299 Moo 2, Tambon Pa Phai, Amphoe San Sai, Chang Wat, Chiang Mai, 50210, Thailand
 - Thailand Company Registration Number 0505546003061
- According to the Panel's investigations, Nam is the director of NCU Industries Company Limited (บริษัท เอ็น ซี ยู อินดัสตรีส์ จำกัด, aka Siam Sky Pattaya Co., Ltd.)
 - Address: 44/1 Room 209 KTA Mansion Soi Samanchan-Barbos, Phra Khanong Subdistrict, Khlong Toei District, Bangkok, Thailand
 - Telephone number 02-7123400
 - Thailand Company Registration Number 0105555027833
 - DPRK investment (as of 2018)²⁵⁹

²⁵⁹ The Thailand corporate registry only specifies a nationality and does not specify whether this represents a company, individual, or government/government entity.

Figure 1

ข้อมูลทั่วไป : 0105555027833 บริษัท เอ็น ซี ยู อินดัส ตรีส์ จำกัด General information: 0105555027833 N.C.U. Industries Company Limited ข้อมูลบริษัท	
ประเภทนิติบุคคล : บริษัทจำกัด	Registration date: 21 February 2012
วันที่จดทะเบียน : 21/02/2555	
สถานะนิติบุคคล : ยังดำเนินการอยู่	Location: 44/1 Room 209 KTA Mansion Soi Samanchan-Barbo,
ทุนจดทะเบียน (บาท) : 5,000,000.00	Phra Khanong Subdistrict, Khlong Toei District, Bangkok
ที่ตั้ง : 44/1 ห้อง 209 เคทีเอ แมนชั่น ซอยสมานฉันท์-บาร์โบส แขวงพระโขนง เขต คลองเตย กรุงเทพมหานคร	
หมวดธุรกิจ (มาจากงบการเงินปีล่าสุด) : 55101 โรงแรม รีสอร์ทและห้องชุด	Business category: Hotels, Resorts and Apartments
วัตถุประสงค์ (มาจากงบการเงินปีล่าสุด) : โรงแรม รีสอร์ทและห้องชุด	
ปีที่ส่งงบการเงิน : 2556 2557 2558 2559 2560	
Director	1. นายนา ชัย สูง 2. นางรัชชอง ชิม/ * The Panel considers this person to probably be Nam Chol Ung

1/2

2023/11/24 13:58 ระบบคลังข้อมูลธุรกิจ (Business Data Warehouse)

คณะกรรมการลงข้อมูลหุ้น : กรรมการคนใดคนหนึ่งลงลายมือชื่อ และประทับตราสำคัญของบริษัท/
 โทรศัพท์ : 02-7123400
 โทรสาร :
 E-mail address :

1. นิติบุคคลนี้ฝ่าฝืนคำสั่งศาลว่าด้วยหรือสารว่าด้วยบัญชี กรณีไม่จัดส่งบัญชี ข้อควรทราบ : และ/หรือชี้แจงข้อเท็จจริงเกี่ยวกับการจัดทำบัญชี รอบปีบัญชี 2559 โปรดใช้ ความระมัดระวังในการทำนิติกรรม

หมวดธุรกิจ (มาจากงบการเงินปีล่าสุด) : หมายถึง วัตถุประสงค์ของกิจการตามที่ระบุในงบการเงินปีล่าสุดที่จัดส่ง กรณีที่ยังไม่เคยมีการจัดส่งงบการเงิน ระบบจะนำเสนอวัตถุประสงค์ตอนจัดตั้งกิจการ (หรือที่ปรากฏในหน้าหนังสือรับรองฯ)

ข้อควรทราบ 1. ข้อมูลทั่วไป : ข้อมูลนี้เป็นเพียงข้อมูลทั่วไปที่เปิดเผยเท่านั้น เพื่อประโยชน์ในการให้บริการ ประชาชน ไม่สามารถนำไปใช้อ้างอิงได้ตามกฎหมาย

ข้อควรทราบ 2. ข้อมูลงบการเงิน : ข้อมูลนี้เป็นข้อมูลที่ได้จากการนำส่งงบการเงินของนิติบุคคล ข้อเท็จจริงเป็นสิ่งที่ ควรหาไว้พิจารณา

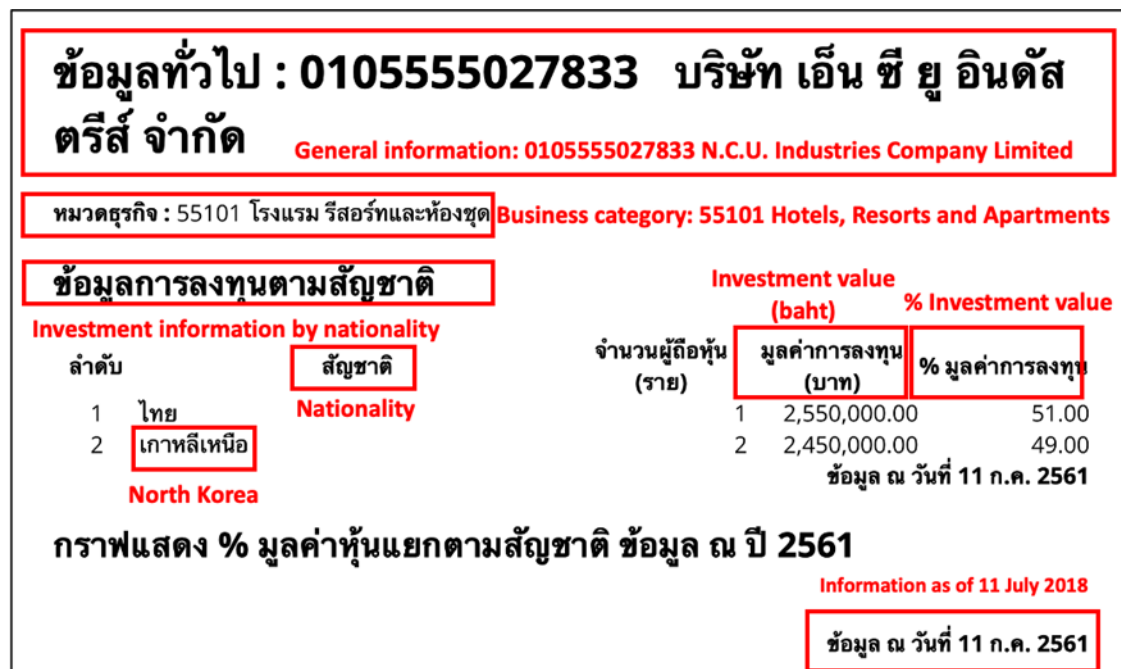
Information as of 11 July 2018

ข้อมูล ณ วันที่ 11 ก.ค. 2561

PDF

Source: Thailand corporate registry, annotated by the Panel.

Figure 2



Source: Thailand corporate registry, annotated by the Panel.

Figure 3

Juristic Person Information SIAM SKY PATTAYA CO., LTD.	
Registered No :	0105555027833
Registered Type :	SIAM SKY PATTAYA CO., LTD.
Registered Date :	21/02/2012
Status :	Operating
Registered Capital (Baht) :	5,000,000.00
Industry group in registered document :	55101 : Hotels and resort hotels
Industrial group in latest financial statement :	55101 : Hotels and resort hotels
Fiscal Year (submitted financial statement) :	2565 2564 2563 2562 2561

Source: Thailand corporate registry, annotated by the Panel.

- According to the Panel's investigations, Nam is directly associated with NCU Hospitality Company Limited (บริษัท เอ็น ซี ยู ฮอสพิทาลิตี้ จำกัด)
 - Address: 44/1 Room 209 KTA Mansion Soi Samanchan-Barbos, Phra Khanong Subdistrict, Khlong Toei District, Bangkok, Thailand
 - Telephone number 02-7123400
 - Thailand Company Registration Number 0105556139040
 - Involved in alcohol/beverage sales and trade

Figure 4

ชื่อนิติบุคคล : บริษัท เอ็น ซี ยู ฮอสพิทาลิตี้ จำกัด

ข้อมูล ณ วันที่ 18 มี.ค. 65

Legal entity name: NCU Hospitality Company Limited

Information as of March 18, 2022

- ขอหนังสือรับรอง
- พิมพ์ข้อมูลนิติบุคคล
- พิมพ์ภาพหน้าจอ

เลขทะเบียนนิติบุคคล : 0105556139040

Legal entity registration number: 0105556139040

2023/11/26 18:25
ข้อมูลนิติบุคคล | DBD

ประเภทนิติบุคคล	บริษัทจำกัด	
	ประเภทนิติบุคคล / บริษัทจำกัด	
สถานะนิติบุคคล	ยังดำเนินการอยู่	
วันที่จดทะเบียนจัดตั้ง	29 ส.ค. 2556	
ทุนจดทะเบียน	35,000,000.00 บาท	
เลขทะเบียนเดิม	-	
ปีที่ส่งงบการเงิน	2563 2562 2561 2560 2559	
	>> คลิกที่นี่เพื่อดูงบการเงิน	
	ที่ตั้ง	
	44/1 ห้อง 209 เคทีเอ แมนชั่น สมานฉันท์-บาร์โบส แขวงพระโขนง เขตคลองเตย กรุงเทพมหานคร	
โทรศัพท์	02-7123400	Telephone; 02-7123400
โทรสาร	-	
Website	-	

Source: Thailand corporate registry, annotated by the Panel.

- According to the Panel's investigations, Nam is linked to TS Ungum Company Limited (บริษัท ทีเอส อุนกัม จำกัด, aka YM Impex Co., Ltd.)
 - Address: 44/1 Room 209 KTA Mansion Soi Samanchan-Barbos, Phra Khanong Subdistrict, Khlong Toei District, Bangkok, Thailand
 - Telephone number 02-7123400
 - Thailand Company Registration Number 0105547009627
 - DPRK investment (as of 2018)²⁶⁰

Figure 5

ข้อมูลทั่วไป : 0105547009627 บริษัท ทีเอส อุนกัม จำกัด

General information: 0105547009627 TS Ungum Company Limited

หมวดธุรกิจ : 46900 การขายส่งสินค้าทั่วไป

Business category: 46900 General merchandise wholesale

ข้อมูลการลงทุนตามสัญชาติ

Investment information by nationality

ลำดับ	สัญชาติ	จำนวนผู้ถือหุ้น (ราย)	Investment value (baht)	% Investment value
	Nationality		มูลค่าการลงทุน (บาท)	% มูลค่าการลงทุน
1	ไทย	1	2,040,000.00	51.00
2	เกาหลีเหนือ	2	1,960,000.00	49.00
	North Korea			

ข้อมูล ณ วันที่ 3 ก.ค. 2561

กราฟแสดง % มูลค่าหุ้นแยกตามสัญชาติ ข้อมูล ณ ปี 2561

Information as of 3 July 2018

ข้อมูล ณ วันที่ 3 ก.ค. 2561

Source: Thailand corporate registry, annotated by the Panel.

²⁶⁰ The Thailand corporate registry only specifies a nationality and does not specify whether this represents a company, individual, or government entity

Figure 6

ข้อมูลทั่วไป : 0105547009627 บริษัท ทีเอส อุนกัม จำกัด General information: 0105547009627 TS Ungum Company Limited	
ข้อมูลบริษัท	
ประเภทนิติบุคคล : บริษัทจำกัด วันที่จดทะเบียน : 21/01/2547 สถานะนิติบุคคล : ยังดำเนินการอยู่ ทุนจดทะเบียน (บาท) : 4,000,000.00	Registration date: 21 January 2004 Location: 44/1 Room 209 KTA Mansion Soi Samanchan-Barbos, Phra Khanong Subdistrict, Khlong Toei District, Bangkok
ที่ตั้ง : 44/1 ห้อง 209 เคทีเอ แมนชั่น ซอยสมานจันทน์-บาร์โบส แขวงพระโขนง เขต คลองเตย กรุงเทพมหานคร	
หมวดธุรกิจ (มาจากงบการเงินปีล่าสุด) : 46900 การขายส่งสินค้าทั่วไป	Business category: 46900 General merchandise wholesale
วัตถุประสงค์ (มาจากงบการเงินปีล่าสุด) : การขายส่งสินค้าทั่วไป ปีที่ส่งงบการเงิน : 2556 2557 2558 2559 2560 กรรมการ : 1. นางสาวกัญญาดา วิชญะประภากุล/	
<div style="background-color: black; height: 15px; width: 100%;"></div>	
<div style="display: flex; justify-content: space-between;"> 2023/11/26 14:04 ระบบคลังข้อมูลธุรกิจ (Business Data Warehouse) </div>	
คณะกรรมการลงชื่อผูกพัน : กรรมการหนึ่งคนลงลายมือชื่อและประทับตราสำคัญของบริษัท/ โทรศัพท์ : 02-7123400 Telephone: 02-7123400 โทรสาร : E-mail address :	
1. นิติบุคคลนี้ฝ่าฝืนคำสั่งสารวัตรใหญ่บัญชีหรือสารวัตรบัญชี กรณีไม่จัดส่งบัญชีข้อควรทราบ และ/หรือชี้แจงข้อเท็จจริงเกี่ยวกับการจัดทำบัญชี รอบปีบัญชี 2559 โปรดใช้ความระมัดระวังในการทำนิติกรรม	
หมวดธุรกิจ (มาจากงบการเงินปีล่าสุด) : หมายถึง วัตถุประสงค์ของกิจการตามที่ระบุในงบการเงินปีล่าสุดที่จัดส่งกรณีที่ยังไม่เคยมีการจัดส่งงบการเงิน ระบบจะนำเสนอวัตถุประสงค์ตอนจัดตั้งกิจการ (หรือที่ปรากฏในหน้าหนังสือรับรองฯ) ข้อควรทราบ 1. ข้อมูลทั่วไป : ข้อมูลนี้เป็นเพียงข้อมูลทั่วไปที่เปิดเผยเท่านั้น เพื่อประโยชน์ในการให้บริการประชาชน ไม่สามารถนำไปใช้อ้างอิงได้ตามกฎหมาย ข้อควรทราบ 2. ข้อมูลงบการเงิน : ข้อมูลนี้เป็นข้อมูลที่ได้จากการนำส่งงบการเงินของนิติบุคคล ข้อเท็จจริงเป็นสิ่งที่ควรหาไว้พิจารณาฐานะ	
Information as of 3 July 2018 <div style="border: 1px solid red; padding: 5px; display: inline-block;"> ข้อมูล ณ วันที่ 3 ก.ค. 2561 </div>	

Source: Thailand corporate registry, annotated by the Panel.

Figure 7

Juristic Person Information YM IMPEX CO., LTD.	
Registered No :	0105547009627
Registered Type :	YM IMPEX CO., LTD.
Registered Date :	21/01/2004
Status :	Operating
Registered Capital (Baht) :	6,000,000.00
Industry group in registered document :	41002 : Construction of non-residential buildings
Industrial group in latest financial statement :	46900 : Non-specialized wholesale trade
Fiscal Year (submitted financial statement) :	2565 2564 2563 2562 2561

Source: Thailand corporate registry, annotated by the Panel.

Nam's trade activities, according to a Member State and Panel investigations

1. Shipment of 1,010 cases of brandy (see Figure 7 below)

- 8 April 2023
 - Seller: [Company A]
 - Buyer: [Company B]
 - Routing: [Port A], India to Laem Chabang, Thailand
- 21 April 2023
 - Seller: [Company B]
 - Buyer: Dalian Minglian Trade Co., Ltd (大连明联贸易有限公司)²⁶¹
 - Routing: Laem Chabang, Thailand to Dalian, China
- 9 July 2023
 - Seller: Dalian Minglian Trade Co., Ltd
 - Buyer: Chonho Trading Corporation (DPRK)
 - Routing: Dalian, China to Nampo, DPRK

2. Shipment of lubricating oil

- 30 May 2023
 - Seller: Topnext International Company Limited²⁶²
 - Buyer: Dalian Haolian International Trade Co., Ltd (大连豪联国际贸易有限公司)²⁶³
 - Routing: Laem Chabang, Thailand to Dalian, China
- 9 June 2023
 - Seller: Dalian Minglian Trade Co., Ltd
 - Buyer: Sobaeksu United Corporation (DPRK; subordinate to the Munitions Industry Department, KPe.028)²⁶⁴
 - Routing: Dalian, China to Nampo, DPRK

3. Shipment of brandy (see Figure 7 below)

- 16 November 2023
 - Seller: [Company A]
 - Buyer: [Company D]
 - Routing: [Port A], India to Laem Chabang, Thailand

Note: The Panel awaits replies from Dalian Minglian Trade Co., Ltd, Dalian Haolian International Trade Co., Ltd, and Topnext International Company Limited

²⁶¹ According to commercial business databases, Dalian Minglian Trading Co., Ltd's unified social credit code is 91210231MA0P5AM203 and it is located at No. 1, 8th Floor, No. 35, Boxiang North Park, Dalian High-tech Industrial Park, Liaoning Province (辽宁省大连高新技术产业园区博翔北园 35 号 8 层 1 号).

²⁶² According to commercial business databases, Topnext International Company Limited is a group affiliate of Thai Oil Public Company Limited and is located at address 555/1 Energy Complex Building A, 11th Floor, Vibhavadi Rangsit Road, Chatuchak, Chatuchak, Bangkok 10900, Thailand.

²⁶³ According to commercial business databases, Dalian Haolian International Trade Co., Ltd's unified social credit code is 91210202MA0XT1BAXD and it is located at address 辽宁省大连市中山区五五路 32-1 号 1 单元 17 层 3 号.

²⁶⁴ See S/2020/840 annex 46, S/2020/151 para 126 and Annex 30, S/2019/691 Annex 13, S/2017/150 paras 158-159 and Annex 14

Figure 8: Response from Company A (excerpts)

“Business Relation with Mr. Nam Chol Ung:

- During the beginning of January 2023, Mr. Nam Chol Ung, approached and expressed his desire to initiate business relations with the Company. He introduced himself as a businessman having companies in Thailand, China, and [REDACTED].²⁶⁵ He requested for details of the Goods, the price list with respect to the same and the details of the port from which the Company intends to ship the Goods. Accordingly, the Company, as would respond to any business initiative from any other customer, responded to Mr. Nam Chol Ung.
- The Company has had two business transactions with Mr. Nam Chol Ung, as on date. The said business transactions were initiated by him through issuance of purchase orders on 23.02.2023 and 19.09.2023, respectively.”
 - Transaction 1 (*see Figure 8 below*):

“Mr. Nam Chol Ung, through a company named [Company B] (Importer) and [Company C], Thailand (Consignee) ... placed an order for a sum of 21030 USD on 23.02.2023. The entire consignment with respect to the said order was required to be delivered at Laemchabang Port, Thailand. The entire transaction was based on the Payment Term and accordingly, the Company received the entire payment with respect the said order in advance. The payment with respect to the aforesaid transaction was made by [Company B]....”
 - Transaction 2 (*see Figure 9 below*):

“Mr. Nam Chol Ung, through a company named [Company D], located at [address] ... placed an order for a sum of 24111 USD on 19.09.2023. The entire consignment with respect to the said order was required to be delivered at Laemchabang Port, Thailand. The entire transaction was based on the Payment Term and accordingly, the Company received the entre payment with respect the said order in advance. The payment with respect to the aforesaid transaction was made by [Company D]”

²⁶⁵ The lead expert disagrees with this redaction.

Figure 9: Purchase Order for Transaction 1 (1,010 cases of brandy), dated 23.02.2023

Adress: [REDACTED] Company B

OFFICIAL FOREIGN PURCHASE ORDER

Name & Address of the Importer / Buyer [REDACTED] Company B

Name & address of the Exporter [REDACTED] Company A

Name & address of the Manufacturer [REDACTED]

Consignee [REDACTED] Company C

Order Number & Date [REDACTED] Dated 23.02.2023

Shipping Method In a 20 ft container to Laemchabang (Thailand) Port
Transshipment/Partial Shipment Allowed

Date of Shipment On or before 31.03.2023

Payments Terms 15% payment in advance along with order
Balance 85 % payment 7 days prior to container
stuffing in India.

Delivery Terms CIF Laemchabang Port (Thailand)

NAME OF THE BRAND	QUANTITY IN CASES	SIZE	ALCOHOLIC CONTENT	PRICE IN US \$	TOTAL VALUE IN US \$
[REDACTED] Brandy	510	12x750 ml	40% Vol.	19.50	9945.00
[REDACTED] Brandy	110	24x375 ml	40% Vol.	21.00	2310.00
[REDACTED] Brandy	390	48x180 ml	40% Vol.	22.50	8775.00
Total					21030.00

TOTAL CIF VALUE US DOLLARS TWENTY ONE THOUSAND THIRTY ONLY.

[REDACTED] Company B

Source: Company A, annotated by the Panel.

Figure 10: Purchase Order for Transaction 1 (1,098 cases of brandy), dated 19.09.2023

[Redacted] Company D

[Redacted]

Tel: [Redacted] Fax: [Redacted]

OFFICIAL FOREIGN PURCHASE ORDER

Name & Address of the Importer / Buyer [Redacted] Company D

Name & address of the Exporter [Redacted] Company A

Name & address of the Manufacturer [Redacted]

Order Number & Date [Redacted] Dated 19.09.2023

Shipping Method In a 20 ft container to Laemchabang (Thailand) Port
Transshipment/Partial Shipment Allowed.

Date of Shipment On or before 31.10.2023

Payments Terms 15% payment in advance along with order.
Balance 85 % payment 7 days prior to container stuffing in India.

Delivery Terms CIF Laemchabang Port (Thailand)

NAME OF THE BRAND	QUANTITY IN CASES	SIZE	ALCOHOLIC CONTENT	PRICE IN US \$	TOTAL VALUE IN US \$
[Redacted] Brandy	396	24x375 ml	40% Vol.	21.00	8316.00
[Redacted] Brandy	702	48x180 ml	40% Vol.	22.50	15795.00
Total	1098				24111.00

[Redacted] E US DOLLARS TWENTY FOUR THOUSAND ONE HUNDRED ELEVEN ONLY

[Redacted] Company D

Source: Company A, annotated by the Panel.

Annex 92: Information on suspected business activities conducted by DPRK official Kim Song Ho

The Panel has received information from a Member State that Kim was based in Lao PDR at least during the period between 2019 and 2021, and was involved in running several DPRK restaurants in Lao PDR, including:

- Big Sister Won’s restaurant
- Koryo Restaurant, Luang Prabang
- Kumgangsán Restaurant (aka “Tokyo Sushi & Teppanyaki”)

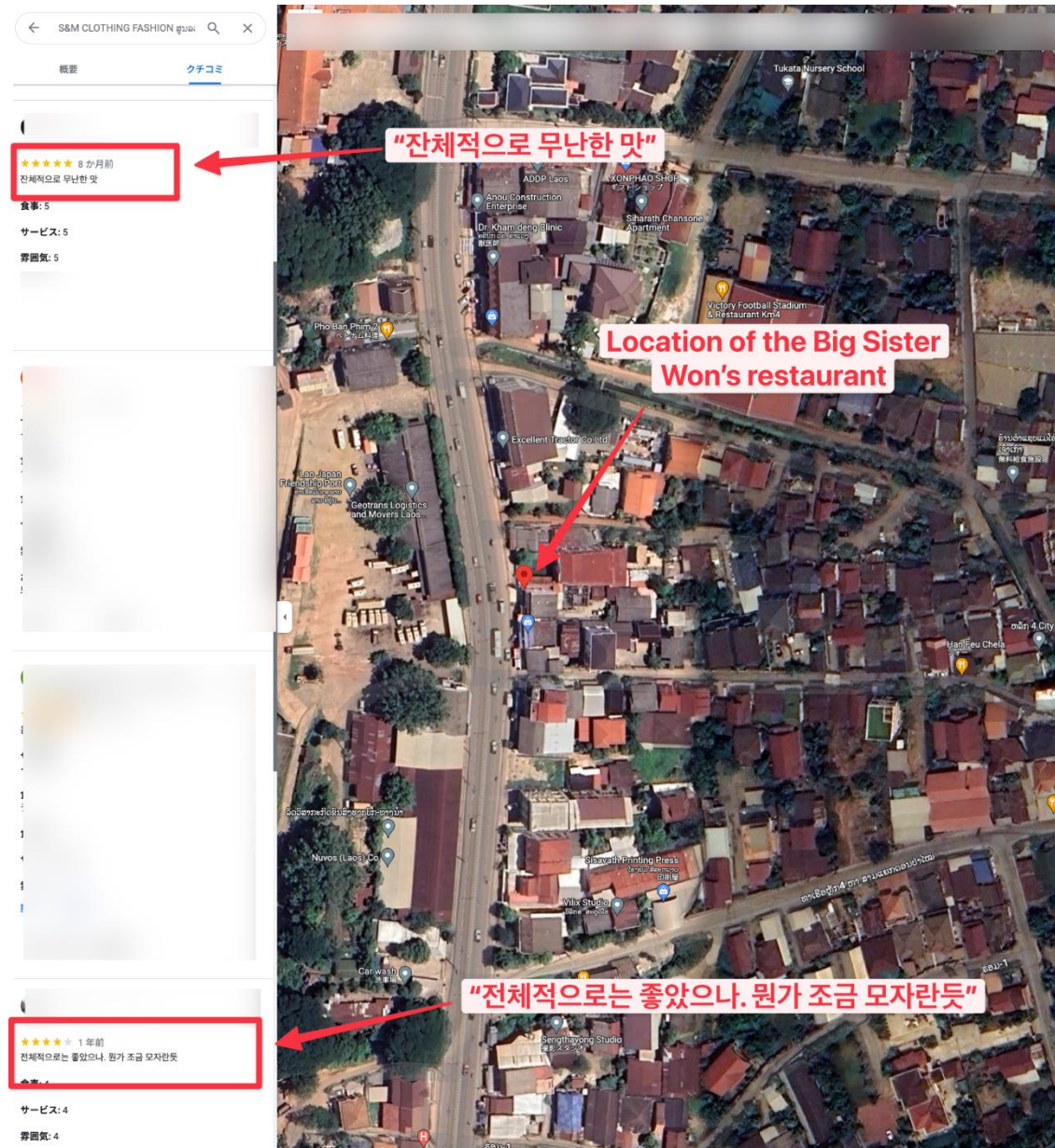
Kim is further reportedly linked to two additional companies, Lao Power Import-Export and Logistic Sole Co. Ltd (Lao PDR) and Changchun Jin Lizhu Trading Co., Ltd (China).

1. Big Sister Won’s restaurant, located at 17.93016, 102.616972 (approximately 300 metres from the DPRK Embassy in Vientiane, Laos)

Kim has reportedly worked closely with Laos national Souchinda Mingboubpha to obtain work permits for DPRK nationals as well as a restaurant license and to establish a new company, and Mingboubpha registered Big Sister Won’s restaurant in June 2020 on Kim’s behalf. Kim has reportedly made payments to Mingboubpha for this assistance, including in July 2020.

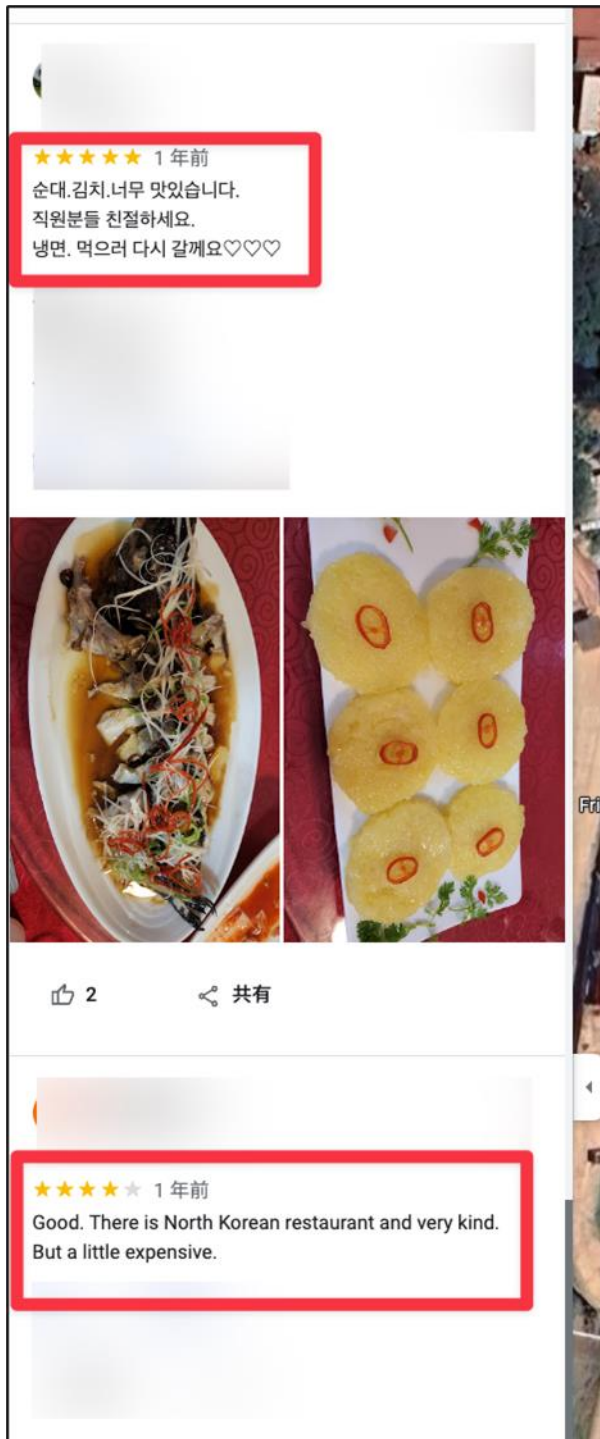
Customer comments and photographs from Big Sister Won restaurant in 2022 and in 2023

One customer’s comments were posted in March 2023, and a second customer’s comments were posted approximately a year ago in November 2022. The first comment said, “Overall, plain taste”; the second comment noted, “Overall, it was good, but it seems like something is a little lacking” respectively.



Source: Excerpts of social media posting, annotated by the Panel.

Several photographs and a third customer's comments were posted approximately a year ago, noting: "Innards, kimchi, very delicious. The staff are kind. I will go back to eat cold noodles." A fourth customer noted that it was a North Korean restaurant.



Source: Excerpts of social media posting and accompany photographs, annotated by the Panel.

2. Koryo Restaurant, Luang Prabang (apparently closed as of August 2023)

Photographs of Koryo Restaurant in Luang Prabang, circa January 2020



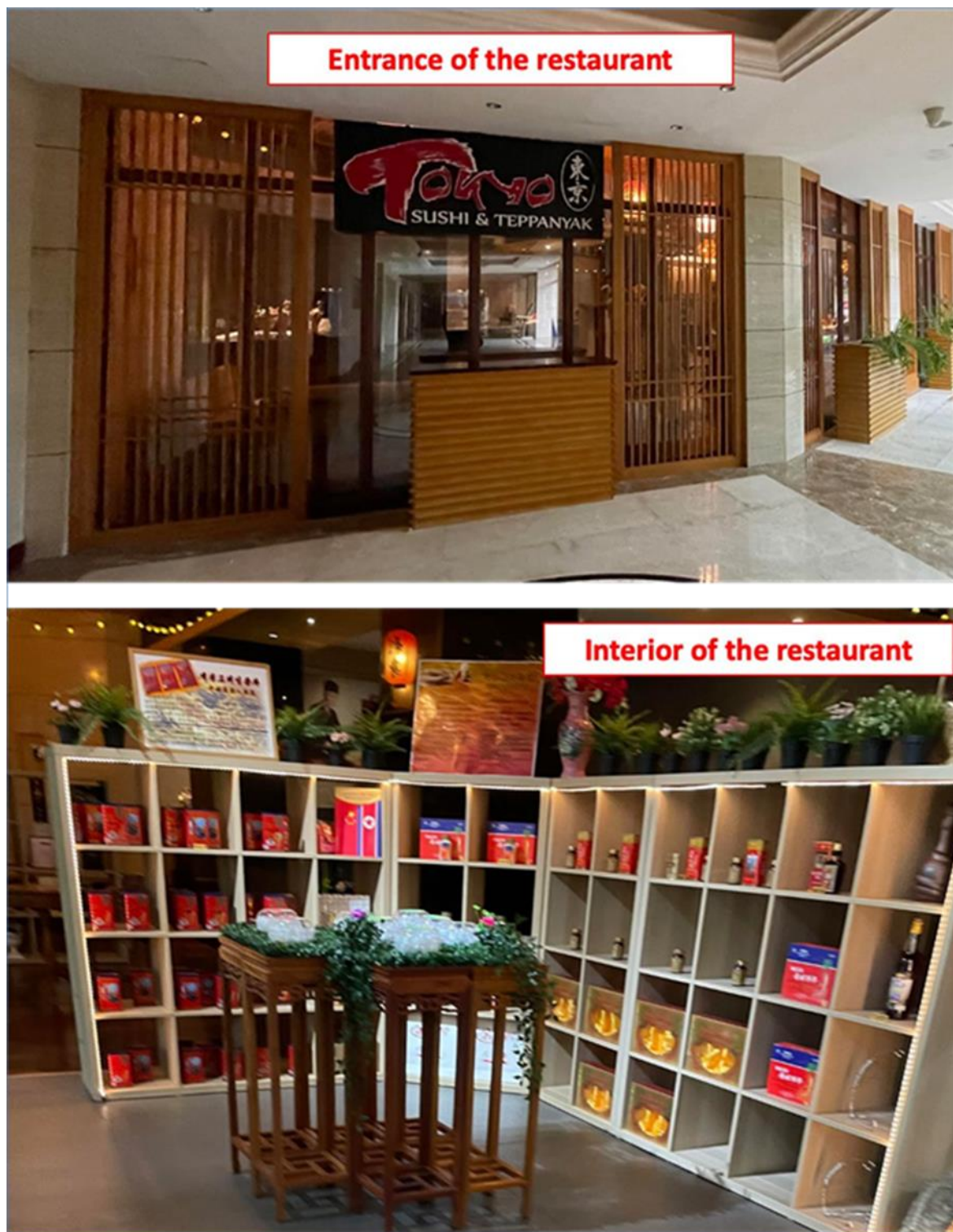
Source: Naver.

Photo of Koryo Restaurant in Luang Prabang, circa August 2023



Source: The Panel.

3. Tokyo Sushi & Teppanyaki, Landmark Mekong Riverside Hotel, WJV8+FRR, Thatkhao Village, Sisattanak District, Vientiane (formerly Pyongyang Friendship Restaurant, Keumgansan Restaurant)

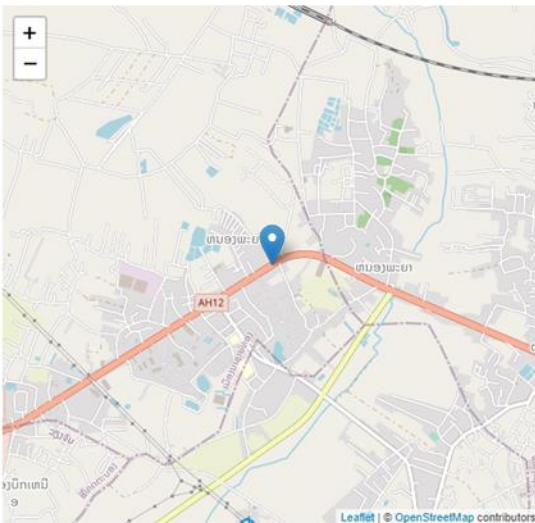


Source: The Panel; images captured July 2023.

4. Lao Power Import-Export and Logistic Sole Co. Ltd

Kim has allegedly further received assistance from Laos national Sidaphone Sithirajvongsa in operating DPRK restaurants in Laos. The Member State has also provided information that, in 2021, Kim and Sithirajvongsa cooperated in plans for Kim to buy gold, in Laos to sell in China. Sithirajvongsa reportedly allowed Kim to use their personal information and details of their company Lao Power Import-Export and Logistic Sole Co. Ltd (ບໍລິສັດ ລາວພາວເວີນາເຂົ້າ-ສົ່ງອອກ ແລະ ຂົນສົ່ງ ຈຳກັດຜູ້ດຽວ), in order to facilitate the deal. The Panel has found that closed in August 2023.

Enterprise Registration Details	
Enterprise Number	01B0012391
Lao Enterprise and Name	ບໍລິສັດ ລາວພາວເວີນາເຂົ້າ-ສົ່ງອອກ ແລະ ຂົນສົ່ງ ຈຳກັດຜູ້ດຽວ
English Enterprise Name	LAO POWER IMPORT-EXPORT AND LOGISTIC SOLE CO.,LTD
Registered By	Ms ມະໄລທິບ ນາມວົງສາ
Registration Date	17-05-2021
Status	Abandoned Enterprise List
Province	Vientiane Capital
District	Xaythany
Village	Nongphagna
Tax Information Number	087150146000
Tax Registration Date	17/05/2021
Tax Status	Permanent Closure
VAT Status	Not registered



The map shows the approximate location of Nongphagna Village

Notes:

Copies of these records of this enterprise can be bought or viewed at the MoIC provincial office in Vientiane Capital.

This information is accurate as of 07-11-2023

Source: Lao National Enterprise Database.

5. Changchun Jin Lizhu Trading Co., Ltd

In 2021, Chinese company Changchun Jin Lizhu Trading Co., Ltd (长春金丽珠贸易有限公司, aka Changchun Kum Ryo Ju Trade Co., Ltd) reportedly sought to purchase gold and copper ore with Kim's assistance. Changchun Jin Lizhu Trading Co., Ltd is associated with address Room 1206, Unit 5, Building 4, Tianqi Phoenix Area, Liberty Avenue, Erdao District, Changchun City, Jilin Province, China and China Uniform Social Credit Code number 91220105333860332Y.

Annex 93²⁶⁶ : Information on suspected sanctions violation activities conducted by DPRK national Choe Song Ryong (aka Cui Chenglong, 崔成龍)

Beijing Tianchicheng Enterprise Management Co., Ltd (北京天池城企业管理有限公司, aka Chonji Trading Corporation)

- According to Member State information and Panel investigations, Choe is the managing director and legal representative of a DPRK company operating in China, Beijing Tianchicheng Enterprise Management Co., Ltd (北京天池城企业管理有限公司; aka Chonji Trading Corporation).²⁶⁷ According to the Member State, as of 2021:
 - Beijing Tianchicheng Enterprise Management Co., Ltd maintained at least three DPRK-China joint venture restaurants in China, employing DPRK nationals.
 - At least some of these DPRK nationals lived at address Number 1101, Apartment Block 2, Area C, Fuliyou City, Huangchang South, Dougezhuang, Chaoyang District, Beijing.
- According to commercial business databases, as of 2017 Beijing Tianchicheng Enterprise Management Co., Ltd was owned by DPRK entity Korea Koryo Trade Association (朝鲜高丽贸易总会社).
- According to commercial business databases, Beijing Tianchicheng Enterprise Management Co., Ltd may no longer be operating, as of 2023.

Figure 2: Beijing Tianchicheng Enterprise Management Co., Ltd registration information

北京天池城企业管理有限公司			Beijing Tianchicheng Enterprise Management Co., Ltd
一、外商投资企业基本信息			
企业名称	北京天池城企业管理有限公司		
统一社会信用代码/组织机构代码	911101053222827927	Unified social credit code: 911101053222827927	
成立日期	2015年1月15日	Date of establishment: 2015-01-22	
投资行业	其他组织管理服务		
经营范围	企业管理; 餐饮管理; 经济贸易咨询; 企业管理咨询; 厨房设备及配件、电子产品、机械设备、五金交电的批发; 会议服务; 企业策划; 组织文化交流活动(不含演出); 货物进出口、技术进出口(涉及配额许可证管理、专项规定管理的商品按照国家有关规定办理)。		
注册资本	10万欧元		
法定代表人	1		
二、外商投资企业投资者基本信息			
投资者名称	国别(地区)	出资金额	
朝鲜高丽贸易总会社	朝鲜	10万欧元	
Investor name: Korea Koryo Trade Association		Country (region): North Korea	Amount of contribution: 100,000 Euros

Source: Ministry of Commerce of the People's Republic of China (2017), Panel annotations

²⁶⁶ One member of the Panel is of the view that information in this Annex should be further corroborated.

²⁶⁷ According to commercial business databases, Beijing Tianchicheng Enterprise Management Co., Ltd's China Uniform Social Credit Code is 911101053222827927, its registration number is 110000450278167, and its addresses are 北京市朝阳区北京市朝阳区朝阳路十里堡甲3号A座12层15E 100025 and 北京市朝阳区十里堡甲3号B座6层06H. According to the Member State, as of 2021, the company also maintained identification number CN9402264069.



国家企业信用信息公示系统
National Enterprise Credit Information Publicity System

企业信用信息 | 经营异常名录 | 严重违法失信名单

请输入企业名称、统一社会信用代码或注册号



北京天池城企业管理有限公司 吊销, 未注销

发送报告

信息分享

统一社会信用代码: 911101053222827927

注册号: 110000450278167

法定代表人: 崔成龙

吊销原因:

吊销日期: 2018年01月22日

Legal representative: Choe Song Ryong

基础信息 | 行政许可信息 | 行政处罚信息 | 列入经营异常名录信息 | 列入严重违法失信名单 (黑名单) 信息 | 公告信息

营业执照信息

统一社会信用代码: 911101053222827927

注册号: 110000450278167

类型: 有限责任公司(外国法人独资)

注册资本: 10.000000万欧元

登记机关: 北京市工商行政管理局朝阳分局

住所: 北京市朝阳区十里堡甲3号B座6层06H

经营范围: 企业管理; 餐饮管理; 经济贸易咨询; 企业管理咨询; 厨房设备及配件、电子产品、机械设备、五金交电的批发; 会议服务; 企业策划; 组织文化艺术交流活动 (不含演出); 货物进出口、技术进出口。(涉及配额许可证管理、专项规定管理的商品按照国家有关规定办理)。(依法须经批准的项目, 经相关部门批准后依批准的内容开展经营活动。)

企业名称: 北京天池城企业管理有限公司

法定代表人: 崔成龙

成立日期: 2015年01月22日

核准日期: 2017年07月11日

登记状态: 吊销, 未注销

提示: 根据《市场主体登记管理条例》及其实施细则, 按照《市场监管总局办公厅关于调整营业执照照面事项的通知》要求, 国家企业信用信息公示系统将营业执照照面公示内容作相应调整, 详见https://gkml.samr.gov.cn/nsjg/djzcj/202209/t20220901_349745.html

请登录后查看更多信息

Source: National Enterprise Credit Information Publicity System, annotated by the Panel.

526/615

24-02094

Figure 3: Recruitment website profile for Beijing Tianchicheng Enterprise Management Co., Ltd

北京天池城企业管理有限公司
Beijing Tianchicheng Enterprise Management Co., Ltd

公司基础信息

北京天池城企业管理有限公司
 人力资源服务 北京市
 北京市朝阳区十里堡甲3号B座6层06H Room 06H, 6th Floor, Building B, No. 3 Shilibaojia, Chaoyang District, Beijing
 邮箱: 暂无信息 公司规模: 1-5人

公司介绍

北京天池城企业管理有限公司注册于2015年01月22日。自成立以来,在租赁和商务服务业不断潜心研究,不断进取,完善内部制度,经过不断的努力,使其有着融洽和谐的工作环境,积极进取的学习氛围,公司向所有充满热情与梦想的人敞开大门,为个人提供充分的成长舞台与发展空间。作为一家有限责任公司,秉承着创新为本,技术为本的研发理念,并向着国内顶级技术的目标迈进。

我们需要这样的员工:
 认同公司企业文化,具有深刻的服务意识,良好的沟通和人际协调能力;
 诚实守信,富有团队合作精神;乐于学习,勇于创新,不断追求卓越。

我公司位于北京市,主营业务包括:企业策划、企业管理、货物进出口、技术进出口、组织文化艺术交流活动、经济贸易咨询。

—收起全文—
 Our company is located in Beijing. Its main business includes: business planning, business management, import and export of goods, technology import and export, organizing cultural and artistic exchange activities, and economic and trade consulting.

用App接收该公司动态 微信扫一扫 下载看准App

工商信息

Legal representative: Cui Chenglong

成立时间: 2015-01-22 注册资本: 10万元 法人代表: 崔成龙

公司全称: 北京天池城企业管理有限公司

企业类型: 有限责任公司(外国法人独资) Type of enterprise: Limited liability company (wholly owned by a foreign legal person)

经营状态: 存续,未注销

总部城市: 北京市

经营范围: 2015-01-22 至 2035-01-21

注册地址: 北京市朝阳区十里堡甲3号B座6层06H

经营范围: 企业管理;餐饮管理;经济贸易咨询;企业管理咨询;厨房设备及配料、电子产品、机械设备、五金交电的批发;会议服务;企业策划;组织文化艺术交流活动(不含演出);货物进出口、技术进出口。(涉及行政许可的专项规定管理商品按照国家有关规定办理)。(依法须经批准的项目,经相关部门批准后依批准的内容开展经营活动。)

注册号: 110000450278167

登记机关: 北京市工商行政管理局朝阳分局

Source: <https://www.kanzhun.com/gongsi/cd4fe13d38bbd505721e79a11f75dcc5/>, Panel annotations.

Beijing Green Valley Tianchi International Trade Co., Ltd (北京绿谷天池国际贸易有限公司)

- According to the same Member State, Chinese company Beijing Green Valley Tianchi International Trade Co., Ltd²⁶⁸ was operating under direction from Choe.
- According to commercial business databases, Beijing Green Valley Tianchi International Trade Co Ltd is also involved in the import of DPRK-origin coal and rare earths.

Figure 3: Online marketplace profile for Beijing Green Valley Tianchi International Trade Co., Ltd

北京绿谷天池国际贸易有限公司

企业大全 > 北京公司 > 北京绿谷天池国际贸易有限公司

Beijing Green Valley Tianchi International Trade Co., Ltd

公司简介Company profile

北京绿谷天池国际贸易有限公司位于北京市，是一家以朝鲜煤炭、进口朝鲜无烟煤、朝鲜无烟煤、稀土、稀土金属的企业，公司自创办以来一直秉承“质量价格合理服务到位”的经营理念，我们会用好的产品和服务让您满意。

详细资料

公司名称	北京绿谷天池国际贸易有限公司
企业法人	郑善中
所在地	北京北京周边
企业类型	私营资企业
成立时间	1998-09-14Established 1998-09-14
注册资金	50
主营行业	高纯稀土金属、永磁材料、原煤
主营产品	朝鲜煤炭、进口朝鲜无烟煤、朝鲜无烟煤、稀土、稀土金属
主营地区	山东、河北、全国、北京
经营模式	经销批发
登记机关	北京市平谷区市场监督管理局
主要客户群	山东、河北、全国、北京
年营业额	10
经营范围	领取本执照后，应到市或区县商务委备案。
是否提供OEM	否
公司邮编	101200
公司电话	010-53366737

Beijing Green Valley Tianchi International Trading Co., Ltd. is located in Beijing. It is an enterprise specializing in North Korean coal; imported North Korean anthracite; North Korean anthracite; rare earths; rare earth metals....

²⁶⁸ Company ID CN9370705811; according to commercial databases, Beijing Green Valley Tianchi International Trade Co., Ltd maintains address Beijing, Pinggu District, Pinggu Town, 2 Fuqing West St.; according to the Chinese State Administration for Market Regulation, the company is operational and maintains Unified social credit code 91110117102963297M.


公司资料

企业法人： 郑善中

所在地： 北京

主营行业： 高纯稀土金属;永磁材料;原煤;

主营产品： 朝鲜煤炭,进口朝鲜无烟煤,朝鲜无烟煤,稀土,稀土金属

企业认证： 

公司地址： 北京市平谷区平谷镇府前西街2号外贸公司院内

Address: In the courtyard of the Foreign Trade Company, No. 2, Fuqian West Street, Pinggu Town, Pinggu District, Beijing

联系方式

联系人： 郑善中

Contact person: Zheng Shanzhong

手机： 18610207979

公司名称： 北京绿谷天池国际贸易有限公司

邮编： 101200

Source: <https://m.atobo.com/u/09s5753305>, Panel annotations.

Annex 94: Summary of certain DPRK cyberattacks on cryptocurrency-related companies in 2023, under investigation by the Panel

Sources: Information from Member States, statements by Government agencies, corporate statements, reports by cybersecurity firms, media articles and Panel investigations

Terraport Finance, 10 April 2023, \$4 million

- Attacker(s) drained all of the liquidity pools on Terraport, a newly-launched decentralized exchange platform
- The attacker(s) stole the funds in two transactions, in total withdrawing 9.7 million TERRA (Terraport's native token) tokens, 15 billion Luna Classic (LUNC) tokens and 5.5 million of the Terra Classic USD stablecoin (USTC) tokens.
- A wallet involved in the Terraport launch was found to have made a series of suspicious changes to the code of three important smart contracts related to the liquidity pools, several hours before the heist was effected.

Figure 1: Terraport Finance posting

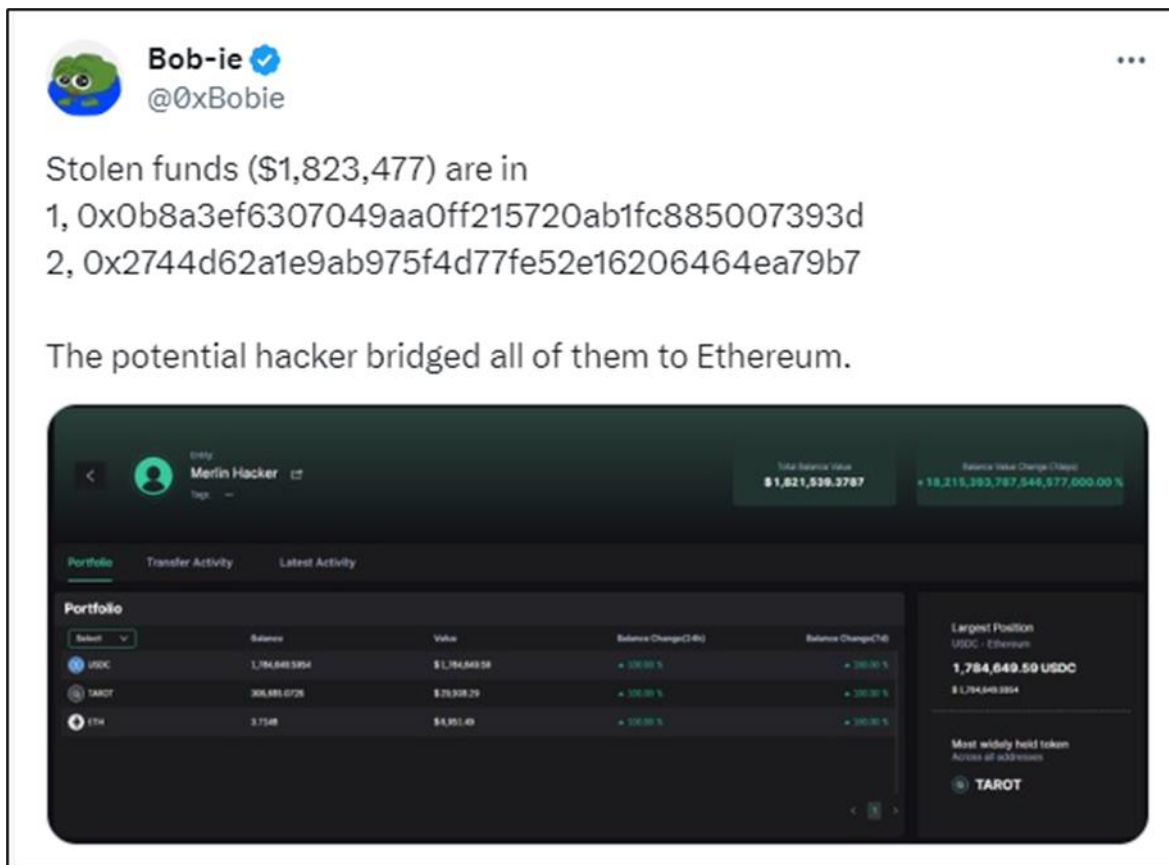


Source: <https://twitter.com/Terraport/status/1645376363904335873>

Merlin DEX, 26 April 2023, \$1.8 million

- Likely a private key compromise or intentional backdoor insertion.
- The attacker(s) stole an estimated USD 1.8 million from the protocol by draining its liquidity pools as users were adding assets as part of a “liquidity Generation Event” and token launch.
- The underlying issue was overly-centralized control – namely, excessive permissions granted to the Feeto address used during liquidity pool deployment. This address had full access and permissions, enabling individual(s) controlling the address to drain the pool of assets.
- The Merlin Platform placed blame on members of their back-end development team – possibly DPRK IT workers inadvertently hired by the protocol. The Platform accused the developers of maliciously manipulating the smart contracts and exploiting the full access/approvals feature, allowing them to drain the liquidity pools.
- Attacker address (into which funds were drained): 0x2744d62a1e9ab975f4d77fe52e16206464ea79b7
- The stolen funds were bridged back to Ethereum, swapped for Ether (ETH) and transferred to other addresses.

Figure 2: Merlin Heist

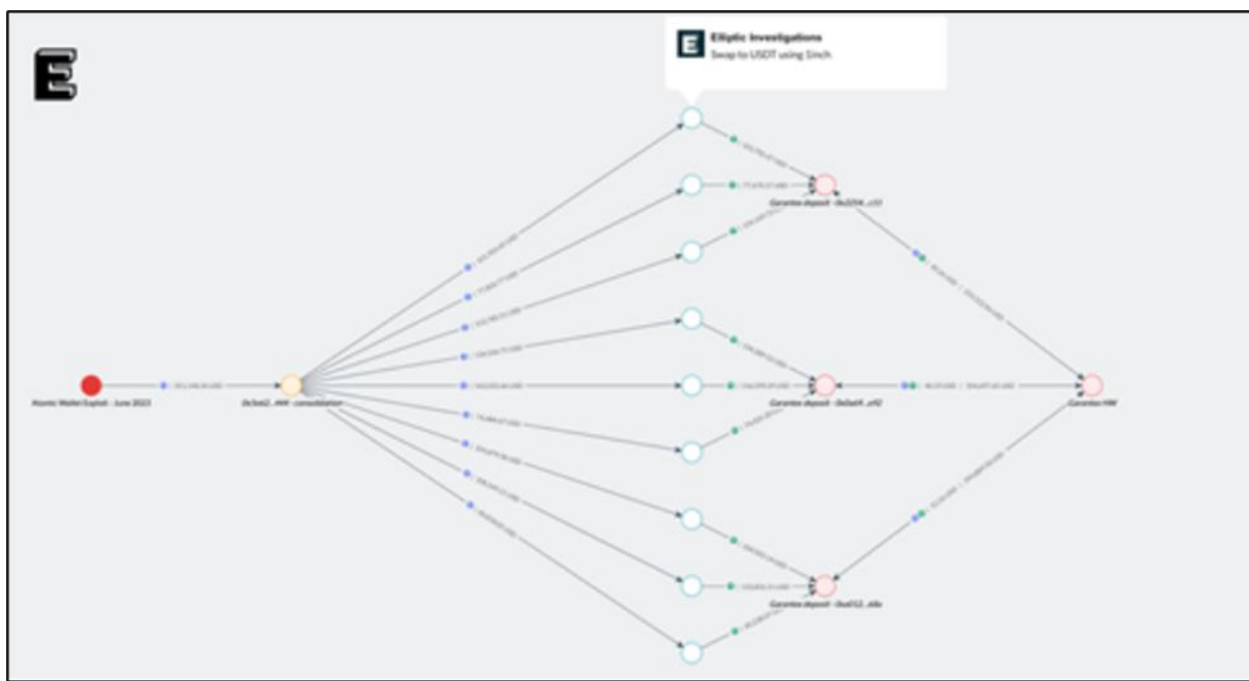


Source : <https://twitter.com/0xBobie/status/1651051380155744256>

Atomic Wallet, 2 June 2023, \$120 million+²⁶⁹

- Intrusion via a wallet software.
- More than 5,000 crypto wallets were compromised in the attack.
- The stolen assets were native currencies and tokens on Ethereum and Tron networks, including Ether and Tether (USDT).
- A Member State law enforcement agency has attributed the heist to the Lazarus Group.²⁷⁰
- Cybersecurity company Elliptic attributed the heist to the Lazarus Group with a high level of confidence, based on multiple factors, including:
 - The laundering of the stolen funds followed steps that match those employed to launder previous Lazarus Group heists.
 - The stolen assets were laundered using certain services, including the Sinbad mixer, that were used to launder previous Lazarus Group heists.
- In addition to using Sinbad, the stolen funds were also laundered through other platforms, including SWFT, SwftSwap, SunSwap, SimpleSwap Avalanche, and Garantex.
- Some addresses used to launder stolen funds were also used to launder funds from other recent Lazarus Group heists (see Figure 8).

Figure 3: Atomic Wallet heist laundering



Source: <https://www.elliptic.co/blog/analysis/north-korea-linked-atomic-wallet-heist-tops-100-million>

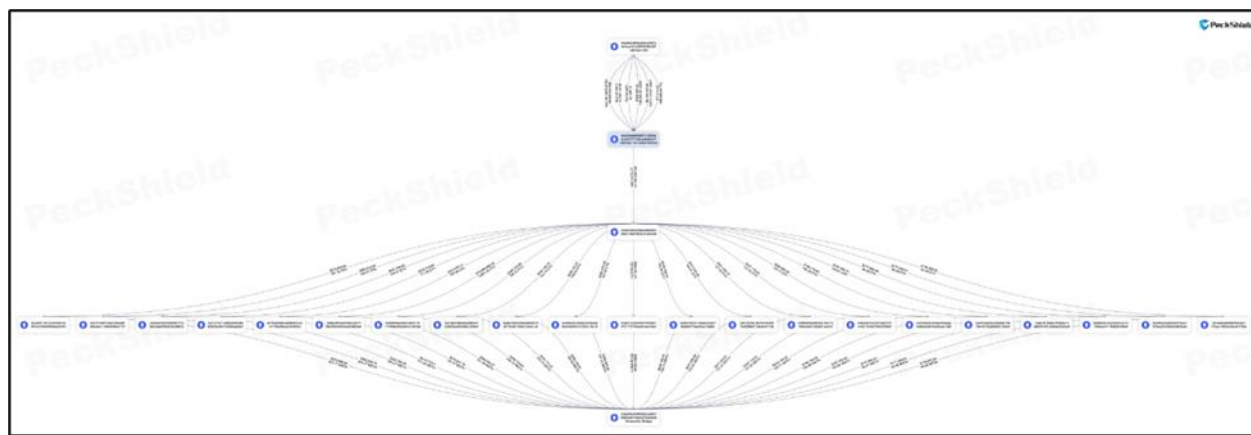
²⁶⁹ See S/2023/656 para 143.

²⁷⁰ <https://www.fbi.gov/news/press-releases/fbi-identifies-lazarus-group-cyber-actors-as-responsible-for-theft-of-41-million-from-stakecom>

Alphapo, 22 July 2023, \$110 million+

- A Member State law enforcement agency has attributed the heist to the Lazarus Group.²⁷¹
- Theft was likely due to a leak of private keys, allowing access to Alphapo's hot wallets.
- The attacker(s) stole more than 6 million Tether (USDT) tokens, 108,000 USD Coin (USDC) tokens, 100 million Fasttoken (FTN) tokens, 430,000 TrueFlip (TFL) tokens, 2,500 Ether (ETH) tokens, and 1,700 Dai (DAI) tokens, 118 million TRON (TRX) tokens, and Bitcoin (BTC) tokens – all drained from hot wallets.
- The attacker(s) then swapped stablecoins and some of the other tokens for Ether (ETH), and bridged them via the Avalanche bridge to Bitcoin (BTC), as part of the laundering process.
- Some addresses used to launder stolen funds were also used to launder funds from other recent Lazarus Group heists (see Figure 8).
- Based on the timing, the Alphapo heist could have been due to the JumpCloud intrusion (see para. 136).

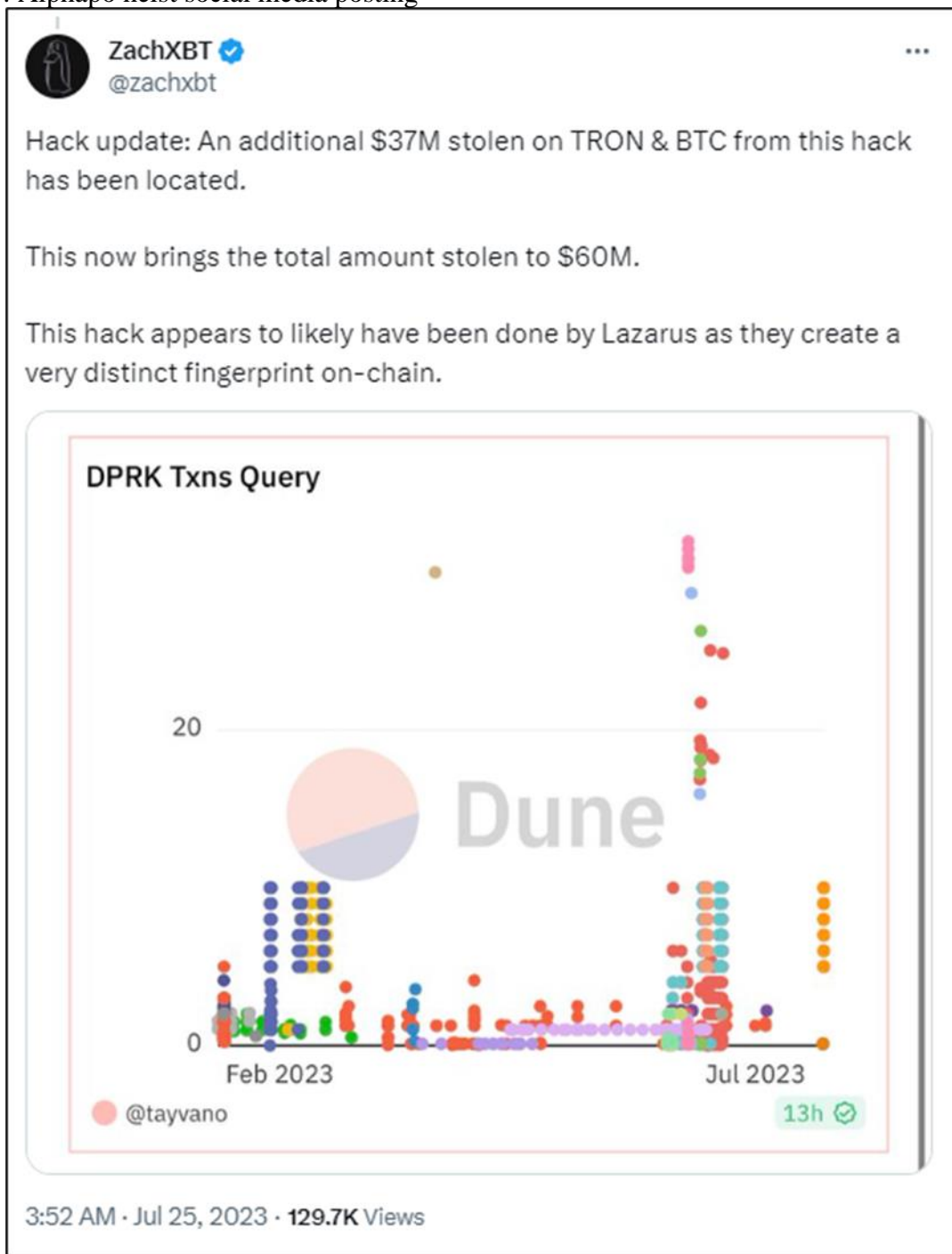
Figure 4: Alphapo heist laundering



Source: <https://twitter.com/PeckShieldAlert/status/1683034275489382401>

²⁷¹ <https://www.fbi.gov/news/press-releases/fbi-identifies-lazarus-group-cyber-actors-as-responsible-for-theft-of-41-million-from-stakecom>

Figure 5 : Alphapo heist social media posting



Source: <https://twitter.com/zachxbt/status/1683747073227624448>

CoinsPaid, 22 July 2023, \$44 million

- CoinsPaid announced that, based on their internal investigation, they suspected that the Lazarus Group was responsible for the heist (see Figure 6).
- A Member State law enforcement agency has attributed the heist to the Lazarus Group.²⁷²
- Attack methodology:
 - As part of a spearphishing campaign by the attacker(s), a CoinsPaid employee participated in an interview for a purported job from another cryptocurrency exchange.
 - During the interview process, the employee received a test assignment that required installation of an application with malicious code.
 - After the victim opened the test, the attacker(s) were able to steal profiles and keys from the employee's computer to connect with CoinsPaid's infrastructure, through which the attacker(s) took advantage of a vulnerability and opened a backdoor.
 - The attacker(s) explored the CoinsPaid system and were able to reproduce legitimate requests to withdraw funds from CoinsPaid's hot wallets. The attacker(s) did not breach Coinspaid's hot wallets or acquire private keys to access the wallets' funds directly.
- Tether (USDT), Ether (ETH), and Bitcoin (BTC) tokens were stolen and moved to new addresses within minutes.
- The heist occurred within 5 hours of the Alphapo, with the same laundering pattern
- Laundering included use of Avalanche, Sinbad, Samurai Ricochet, SwftSwap, SunSwap, SimpleSwap, UniSwap, and centralized exchanges (see Figure 7).
- Some addresses used to launder stolen funds were also used to launder funds from other recent Lazarus Group heists (see Figure 8).
- Based on the timing, the Alphapo heist could have been due to the JumpCloud intrusion (see para. 136). CoinsPaid noted that "Recruiters from crypto companies contacted CoinsPaid employees via LinkedIn and various Messengers, offering very high salaries. For instance, some of our team members received job offers with compensation ranging from 16,000-24,000 USD a month. During the interview process, the perpetrators aimed to trick the candidates into installing the JumpCloud Agent or a special program to complete a technical task."²⁷³

²⁷² <https://www.fbi.gov/news/press-releases/fbi-identifies-lazarus-group-cyber-actors-as-responsible-for-theft-of-41-million-from-stakecom>

²⁷³ <https://CoinsPaid.com/company-updates/the-CoinsPaid-hack-explained/>

Figure 6: CoinsPaid heist attack timeline

Hackers Spent 6 Months Tracking and Studying CoinsPaid

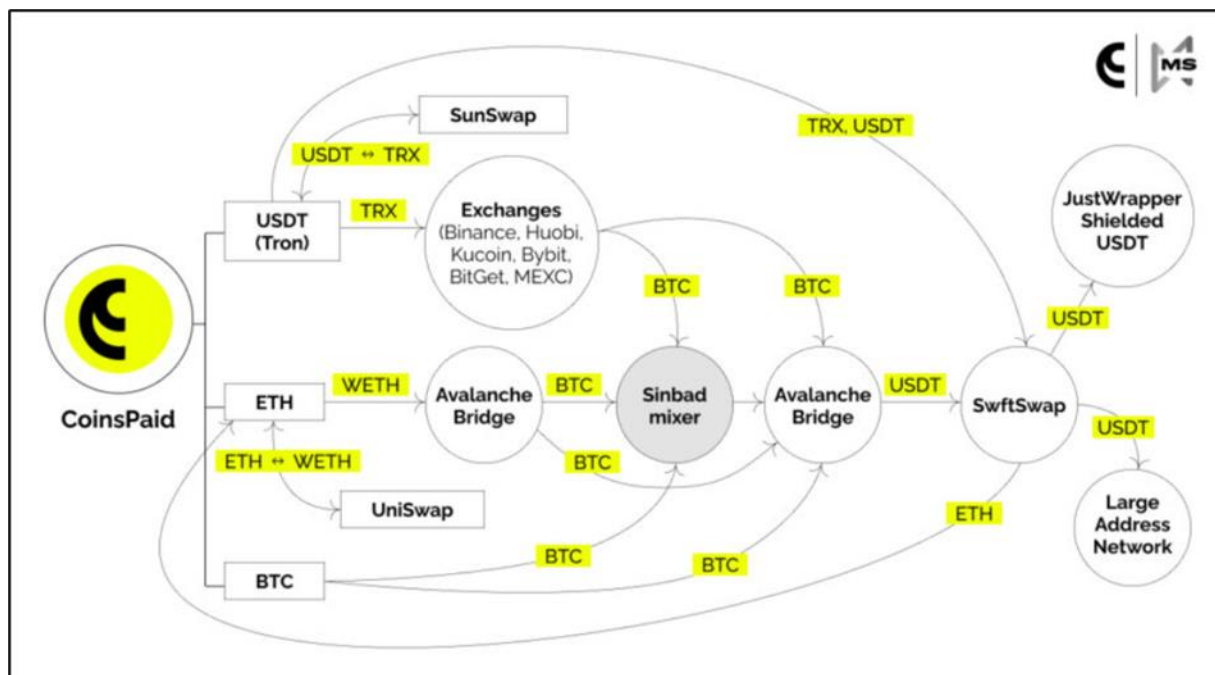
We now know that Lazarus, the supposed hacker group behind the attack, spent half a year trying to infiltrate the CoinsPaid systems and find vulnerabilities.

- **Since March 2023**, we have been registering constant unsuccessful attacks on the company of various kinds, ranging from social engineering to DDos and BruteForce.
- **On March 27, 2023**, key CoinsPaid engineers received requests from an allegedly Ukrainian crypto processing startup with a list of questions regarding technical infrastructure, as confirmed by 3 major developers of the company.
- **In April-May 2023**, we experienced 4 major attacks on our systems aimed at gaining access to the accounts of CoinsPaid employees and customers. The spam and phishing activities against our team members were constant and highly aggressive.
- **In June-July 2023**, a malicious campaign was carried out involving bribing and fake-hiring critical company personnel.
- **On July 7, 2023**, a massive, carefully planned and prepared attack was executed targeting CoinsPaid infrastructure and applications. From 20:48 to 21:42, we registered unusually high network activity: over 150,000 different IP addresses were involved.

The perpetrators' main goal was to **trick a critical employee into installing software to gain remote control of a computer for the purpose of infiltrating and accessing CoinsPaid's internal systems**. After 6 months of failed attempts, the hackers managed to attack our infrastructure on July 22, 2023, successfully.

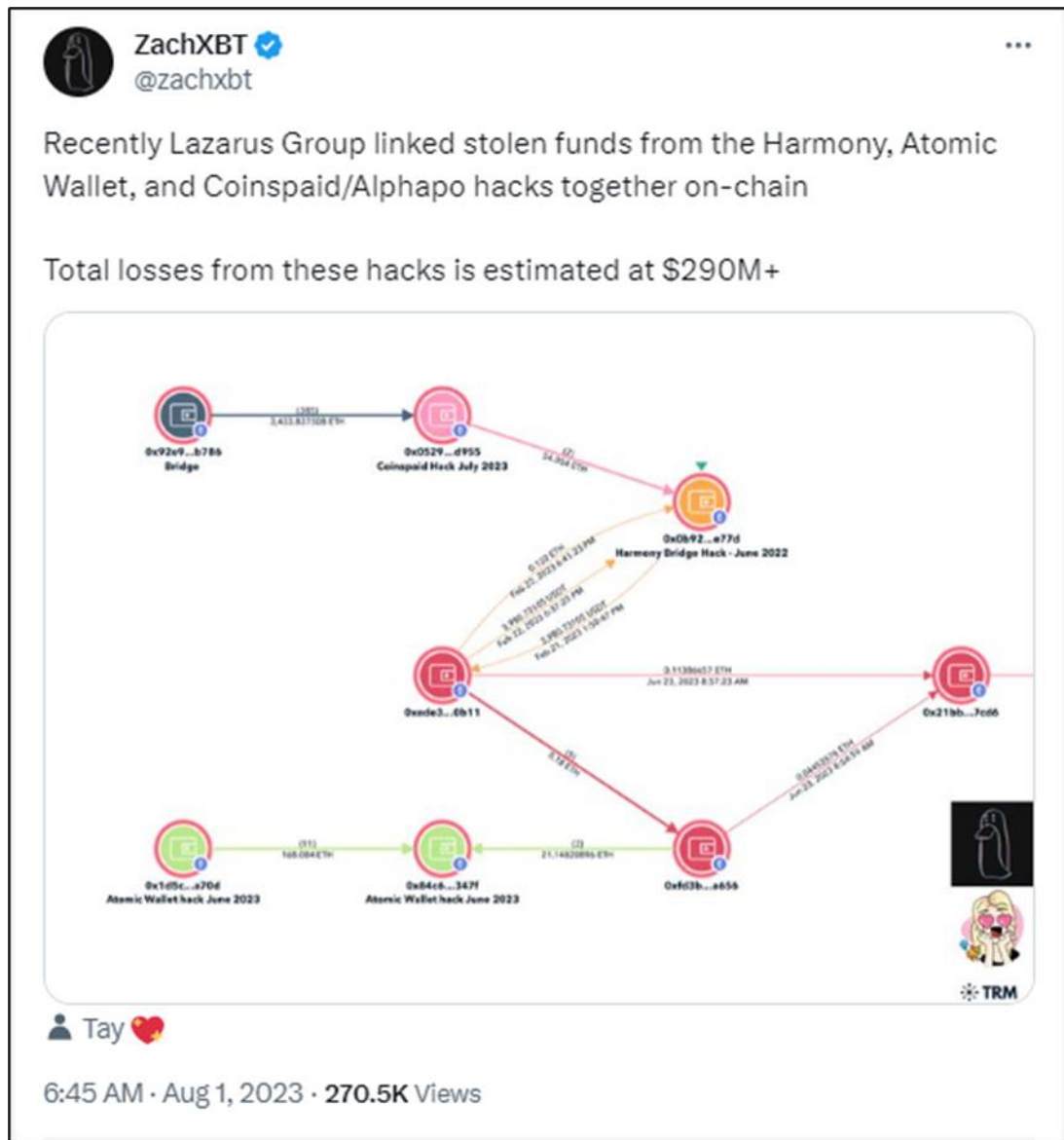
Source: <https://CoinsPaid.com/company-updates/the-CoinsPaid-hack-explained/>

Figure 7: CoinsPaid Heist Laundering



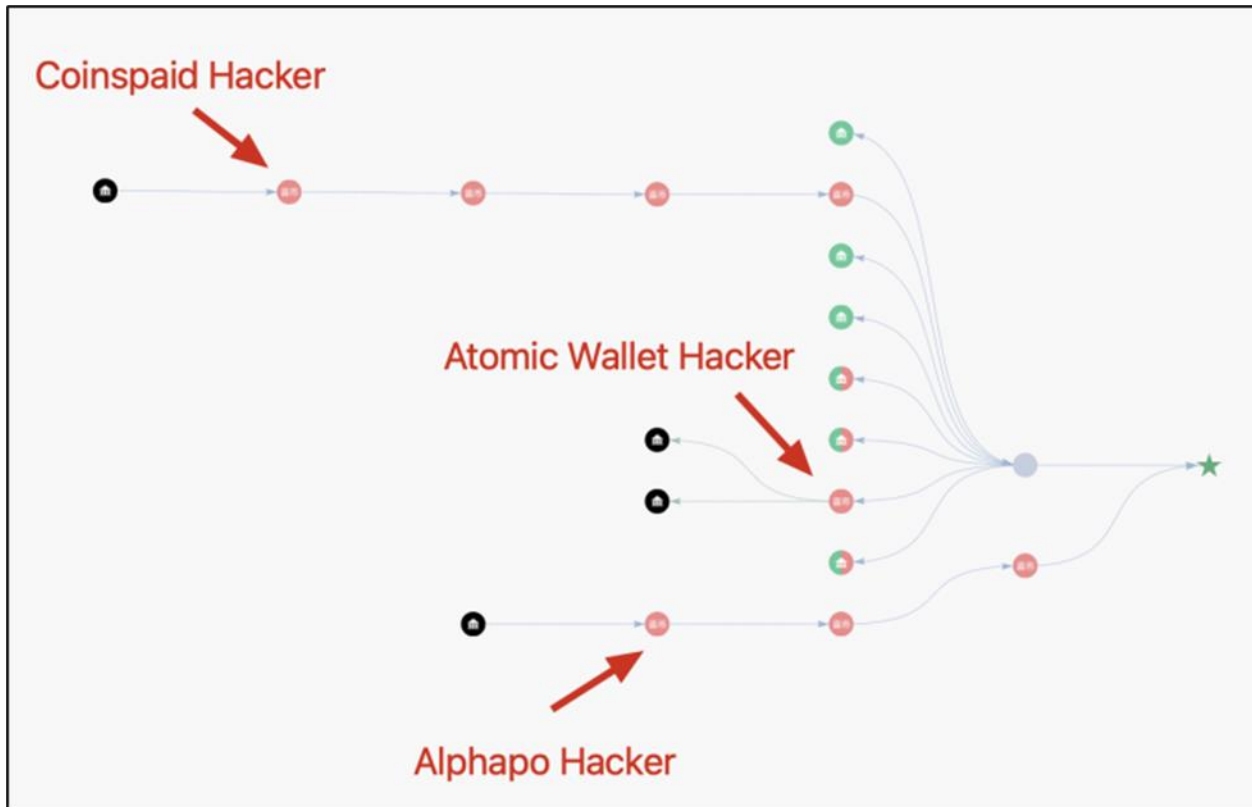
Source: <https://CoinsPaid.com/company-updates/the-CoinsPaid-hack-explained/>

Figure 8: Overlap of laundering addresses for Harmony Bridge,²⁷⁴ Atomic Wallet, Alphapo, and CoinsPaid heists



Source: <https://twitter.com/zachxbt/status/1686327312843780097>

²⁷⁴ See S/2023/171 para 165.

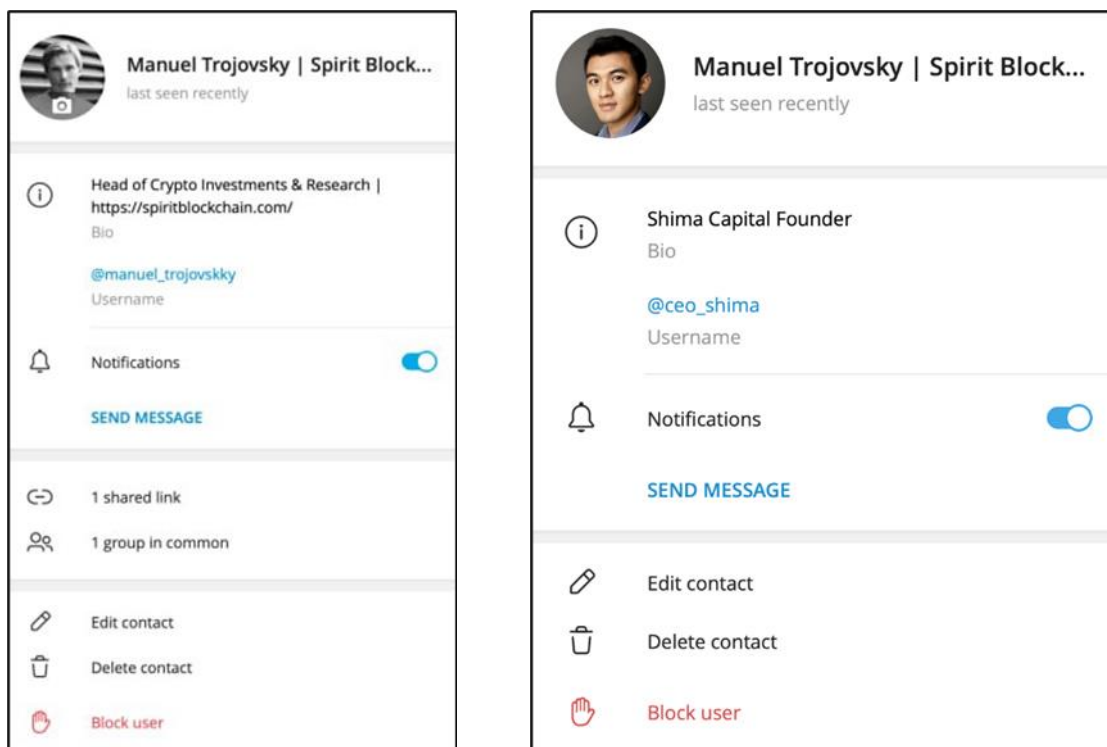


Source: [https://www.slowmist.com/report/2023-Blockchain-Security-and-AML-Annual-Report\(EN\).pdf](https://www.slowmist.com/report/2023-Blockchain-Security-and-AML-Annual-Report(EN).pdf)

Steadefi, 7 August 2023, \$1.16m

- The attacker(s) took control of the private keys of the hot wallet that had ownership of the contracts.
- Prior to the attack, an employee's Metamask wallet seed phrase was copied, providing access to the employee's personal wallets as well as the Steadefi hot wallet. The attacker(s) then approved an attacker-controlled wallet (0x9cf71f2ff126b9743319b60d2d873f0e508810dc) to be an approved borrower of the lending vaults, and "borrowed" all available assets from the lending vault to the attacker(s)' wallet.
- The attacker(s) obtained access by reaching out on Telegram to a Steadefi employee in mid-June 2023, pretending to be from "@manuel_trojevskky" ("Head of Crypto Investments & Research") of the Spirit Blockchain Group, a cryptocurrency fund looking for projects to invest in (*note: as of mid-January 2024, the telegram user's name had been changed to "ceo_shima," "Shima Capital Founder," and photo had been changed*) (see Figure 9).
- After establishing contact, the "fund manager" sent a malicious file that purported to be a presentation about the investment fund (see Figure 10). The file may have been a keylogger. A few days after the exploit, the attacker(s) deleted the Telegram conversation messages.
- The attacker(s) converted the stolen funds to Ether (ETH), bridged the ETH to the Ethereum mainnet, moved the ETH to another wallet (0xe10d4a5bd440775226c7e1858f573e379d0aca36), and eventually moved the funds to the Tornado Cash mixer.
- This attack is likely part of a broader Lazarus Group campaign of spearphishing on Telegram, targeting the cryptocurrency industry (see figure 11 and see para. 188).

Figure 9: Attacker's Telegram profile at time of attack (left) and as of 14 January 2024 (right)



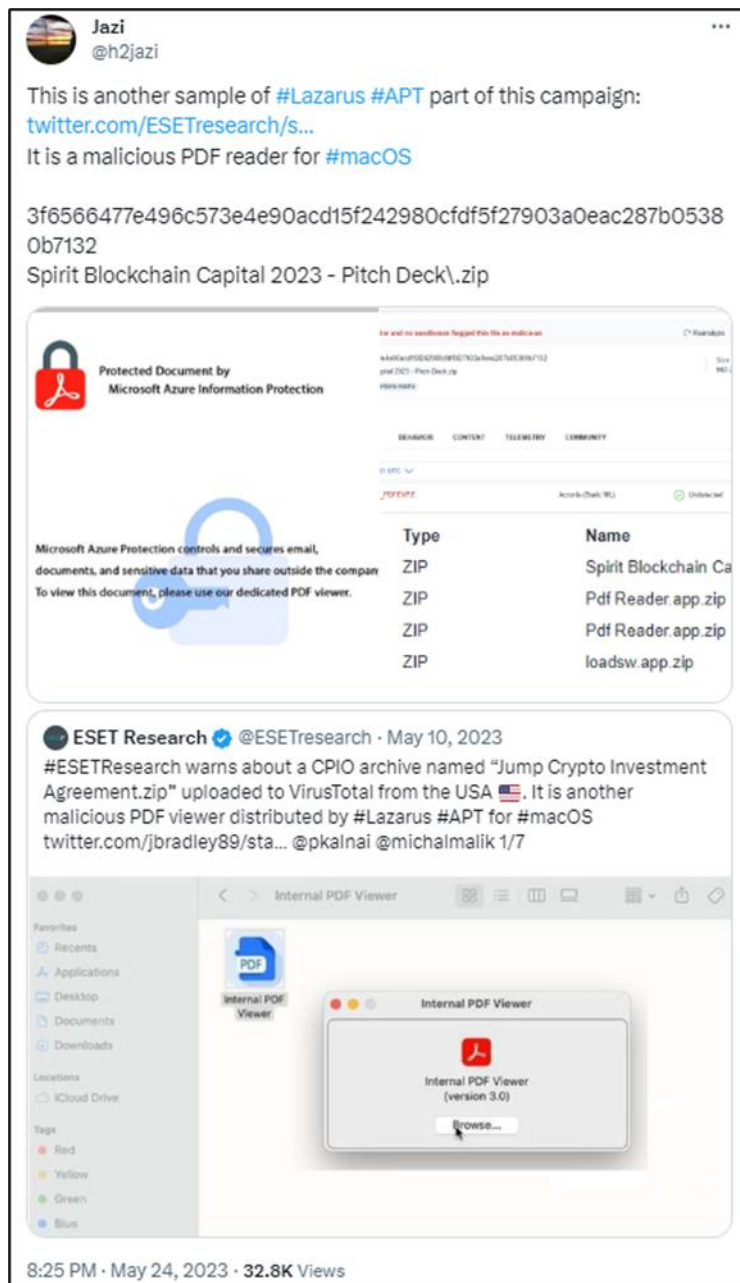
Source: Panel.

Figure 10: Malicious file sent by attacker during conversation with the Steadefi victim



Source: Panel.

Figure 11: Attack link to Lazarus Group



Source: <https://twitter.com/h2jazi/status/1661528861211860993>

Stake.com, 4 September 2023, \$41.3m

- Stake.com has reported that the heist was effected through a compromise of the company's payment processor (EasyGo).
- A Member State law enforcement agency has attributed the heist to the Lazarus Group.²⁷⁵
- The attacker(s) moved the stolen funds – including Ether (ETH), Tether (USDT), Dai (DAI), USD Coin (USDC), Polygon (MATIC), and BNB (BNB) tokens, and associated with the Ethereum, Binance Smart Chain (BSC), and Polygon networks – from Stake.com into various wallet addresses (see Table 1).
- Funds were initially moved to 173 intermediary wallets and then didn't move for days or weeks. ETH and BSC assets were primarily swapped into unfreezable native assets and held. MATIC tokens were swapped and bridged into stablecoins and then into Bitcoin (BTC), where they were held. These laundering moves involved a number of protocols and platforms, including ChangeNOW, MEXC, Squid Router, and Avalanche (see Figure 12).

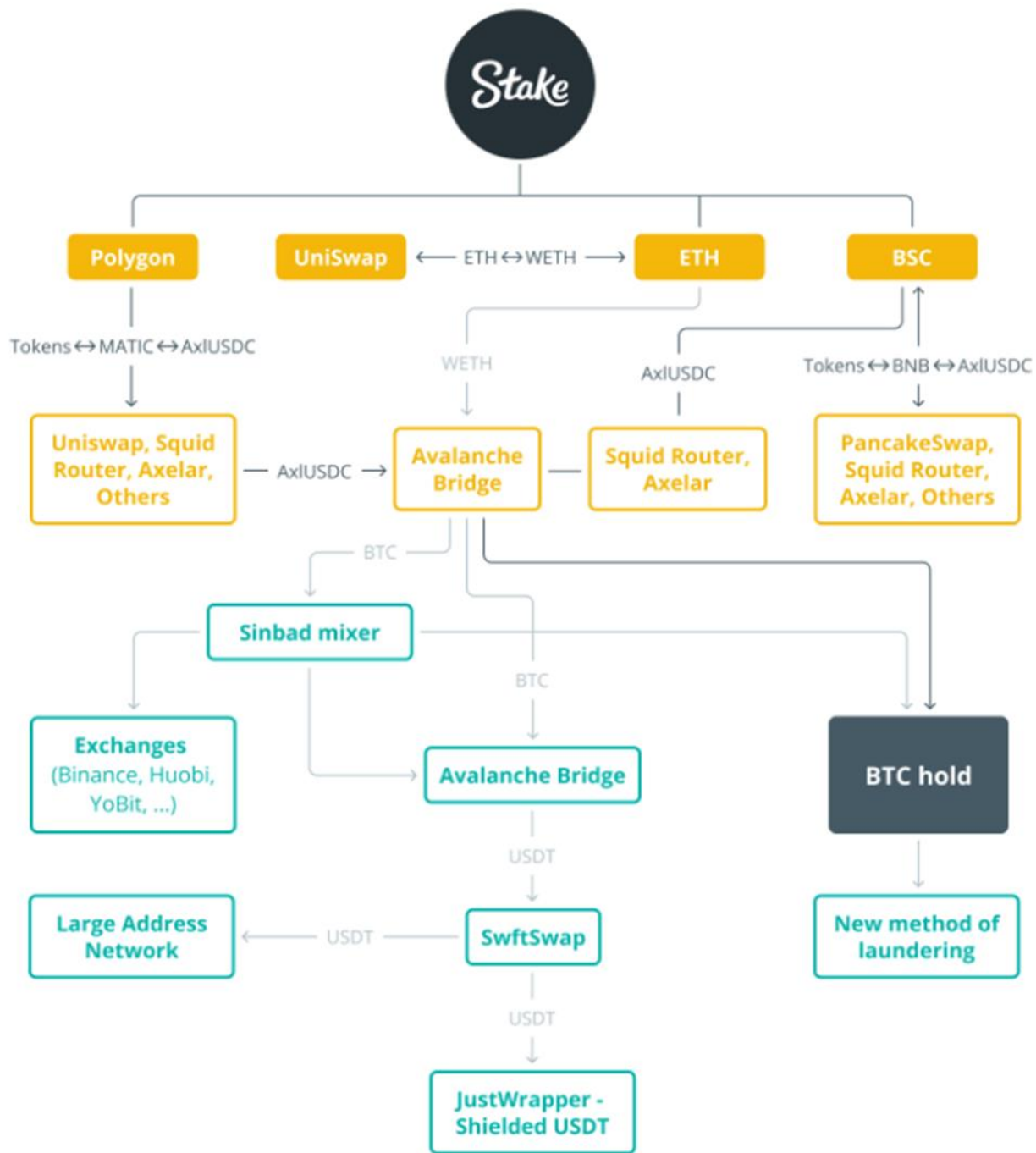
Table 1

Address	Network	Address	Network
0x94f1b9b64e2932f6a2db338f616844400cd58e8a	Ethereum	bc1qdmwm8q74r0yx99nghaeu33xdmz3lqnt2uspqv	Bitcoin
0xba36735021a9ccd7582ebc7f70164794154ff30e	Ethereum	bc1qrqv5f7jxhp67jcgk9wv5jx4795wlnvhdz2a7j	Bitcoin
0xbda83686c90314cfbaeb18db46723d83fd0c83	Ethereum	bc1q82gk20m08uctmmr97p2mqvxytyh6xf68rwe0t9	Bitcoin
0x7d84d78bb9b6044a45fa08b7fe109f2c8648ab4e	Ethereum	bc1q8y9wc2p9444y8r77xtmswxm9qqw90nrpufkx47	Bitcoin
0xff29a52a538f1591235656f71135c24019bf82e5	BSC	bc1qqvpjgaurtnhc8smkmdtwhx9c8207m0prsyxyjx	Bitcoin
0x0004a76e39d33edfeac7fc3c8d3994f54428a0be	BSC	bc1qfcl8a4ck7uu3phgg5fj6g9servp6f85j3fred3	Bitcoin
0xbcedc4f3855148df3ea5423ce758bda9f51630aa	BSC	bc1qqydp9muxttxy3ryfqc467wjtm23f0r7eh5aa	Bitcoin
0xe03a1ae400fa54283d5a1c4f8b89d3ca74afb62	BSC	bc1qe4n22sduyylws74aewc6y6g32nglvglqu7hted	Bitcoin
0x95b6656838a1d852dd1313c659581f36b2afb237	BSC	bc1qy0ggpxu8f6lta6vf44vervr4py2uu829grj8yh	Bitcoin
0xa2e898180d0bc3713025d8590615a832397a8032	Polygon	bc1q32dzmf4t5a3xxvyxn07scgpmjznnz3kwjhw8uc	Bitcoin
0xa26213638f79f2ed98d474cbcb87551da909685e	Polygon	bc1qkrkxgvp2te3xhgn74c2azt4flf9u05y56kh3a9	Bitcoin
bc1qfesn3jj65fhmf00hh45ueql8je8jae6ep3qk84	Bitcoin	bc1q6w7qlaj3mfkgfrxwtvhw45cu86wew7xpjfqcmv	Bitcoin
bc1qtalh4l8qc0p2qw70aaxjhwu9z7rm93td5sgsl3	Bitcoin	bc1qc593a4d2hznk2ext3k2zmpdrqazlhh80m4xas	Bitcoin
bc1qlq3s8hgczfe62yt94xqasdr5ftuuyrc5kgvpwr	Bitcoin	bc1qtnuzecpqaakj0dt855n24dv7u5pme7vyct2cf2	Bitcoin
bc1qy78e6ml7f3p438jqrrlzsewx625y0sr7jsesa7	Bitcoin	bc1qvjpxa2g3nvyw2hncpltextllu9dr4vkew8jfp	Bitcoin
bc1qqa682d2q0wtx5gfpkh4yfl9s4k00ukak15fpk5	Bitcoin	bc1qg0qygvy3qfp8cjy99ch9vc9dp876vl8wys67u	Bitcoin
bc1qmqgkxzzfzjqepptw9xzxy03672xg55q559fmvr	Bitcoin		

Source: <https://www.fbi.gov/news/press-releases/fbi-identifies-lazarus-group-cyber-actors-as-responsible-for-theft-of-41-million-from-stakecom>

²⁷⁵ <https://www.fbi.gov/news/press-releases/fbi-identifies-lazarus-group-cyber-actors-as-responsible-for-theft-of-41-million-from-stakecom>

Figure 12: Stake.com heist laundering and stolen funds flows



Source: <https://cointelegraph.com/news/exclusive-hackers-selling-stolen-tokens-coinex-stake>

CoinEx, 12 September 2023, \$70m

- Heist effected through the leak of a hot wallet private key.
- Stolen cryptocurrencies included Bitcoin (BTC), Ethereum (ETH), BNB Smart Chain (BSC), and TRON (TRX) tokens (see Figure 13).
- Analysis shows that some of the assets stolen from CoinEx were sent to an address that was also used by the Lazarus Group to launder funds stolen from Stake.com. The assets were then bridged to Ethereum and sent back to an address controlled by the CoinEx attacker(s) (see Figures 14 and 15).
- According to Slowmist, the laundering of the stolen funds from the CoinEx hot wallet leak incident occurred in multiple phases and exhibited different laundering behaviors across various chains, as follows:
 - Phase one comprised the transfer of TRON stolen funds, BSC stolen funds, and Solana (SOL) stolen funds the BTC Network; Funds from other chains were cross-chain exchanged through exchanges like ChangeNOW, FixedFloat, and Simpleswap.
 - Phase Two involved transferring the funds from the BTC Network to the Tron Chain and a suspected OTC, using cross-chain platforms
 - Phase Three was the withdrawal from the Sinbad Mixer, through BTC and Thorchain, to the ETH Chain.

Figure 13: CoinEx stolen assets

Chain	Asset	Chain	Asset
BTC	231 BTC	KDA	2,214,700 KDA
ETH	4,953 ETH	BCH	2,220 BCH
SOL	135,600 SOL	XDAG	229,291,485 XDAG
TRON	137,127,860 TRX	TOMO	259,494 TOMO
XRP	12,625,364 XRP	VET	42,422,648 VET
BNB	29,552 BNB	LTC	5,435 LTC
XLM	4,321,978 XLM	DOGE	16,695,400 DOGE
TON	325,430 TON	AIDOG	5,454,650,258,018,313 AIDOG
ETHW	124,600 ETHW	ETC	7,434 ETC

Source: <https://announcement.coinex.com/hc/en-us/articles/19187420867348-Latest-Progress-of-the-Hacking-Attack-on-Sep-12-2023-Updated-on-Sep-14->

Figure 14: Suspicious addresses connected to the CoinEx heist

Chain	Suspicious Addresses
ADA	addr1qych3q3knzn3qvnh4rzc8r2u9hemz9sn8ws49jnv6ptsuq4jkaf
	9r8mqwu3t5h9krvlksmdfp84kmhjy3dag5m32q22m8y9
	addr1q9zwxfgk7rzacd8mnzywl9rfsjllp24sugh9lmh83seunsdk6cq4we
	08j69uphlxh4ku5e5v3ftwvn5rn2zuj5pzedaq2u5phl
APT	0x2a80f8be5f79fc6619cba022e38ed44cb3d1
	5d05d26fc1c2238d8f90fbff94d6
ARB	0xfEec9F846E2FE529B765d832EBa988a399Fe3cD6
	0x838c92ee71eba4fabb1c19d7403bf36c178d9002
	0x9C607136294f0541a06bb0828D6b42351bDB8e31
	0xf2f11edbfd0b7ab74be1e822f9538f4f3810065b
	0x8e585ce8181e1aaa4dd0806257609c21c0b73f2e
ATOM	cosmos16ey6wvs2ce2vq8865dsmpnmgv0tuc96xp73a48
	cosmos1f253rm4w9rdva97q4s2w0ltuc29pen0llpv4qn
	cosmos1qc54elww8yj5x3sl8xjsu24enz053ecs7h2vmk
	cosmos1ga7degxyfx3pxydgaf2hwzk6mq8dacku2yx6j
	cosmos10xtss5m6peaqwj64mekdsjn63jqcs8k5e2u93
AVAX	0xAE61C1262678261f78bB4c99c21648E52dE4e5C5
BCH	qrgxyhj8rzl4l7fgauu6q6vtu2grct4jeyrnaq2s75
BSC	0x6953704e753C6FD70Eb6B083313089e4FC258A20
	0xC844F7178379782eC19F3EE6E399f2EB7b2b984F
BTC	1BHNb9UJy4cWFB5wywZkTVgoNB4JbFmswH
	bc1qpwzvs544euec5eqc9xk2h9qr9885hgwqums0yp
	bc1qt7m386plw5vutvx6rx0w7rjx74zjp7lw959dst
	bc1q0nhyk3es3am9kxud0ye352lf2s59ctvcuhg4dd
	bc1q4dnx6r35hqv5jv88n4s4s6msng2l36uq2lw9rf
DOGE	DGAipZhEbf9r65QdB7WPwzdBKDpefVwwsZ
	D77Pwpnz2oxBVgWPEeZaUTYRJPwBR3Yysd
	DSBqqfauc3STDv29d8zpcLcPpuCT9hKkkS
	D7Bkx9n3KAraejFgJghNK2eHNj3ATSxwxj
	DATyQ8H92r3gKmD8EmCNcs519GjN1gt1Pg
	DCjmGZMfi25DtQ66UzghRBb6mwGkpG4BhX
DOT	1WUqwCnEpTN8cEHBqmVrFxxgDARBuBb2KBVtbKBTvFhFxAs
ETC	0x37a966ade96de7270e393b5533f46cb849398bf3
	0x7afea174b395c1cea747eaf761bb2f95f512bee7
	0x168c86825587df2e5ae659a22ad7e0b10df93b70
	0xdc35988ff5fea2b87561b30746fbb9b72b1c1628
ETH	0xCC1AE485b617c59a7c577C02cd07078a2bcCE454
	0x2118e4432d668aCFa347ddBA0efCcc6BB04DB297
	0x483D88278Cbc0C9105c4807d558E06782AEff584
	0x1A61Df134d766f1e240FBFAEe79bBeCC04195f62

	0x8bf8cd7f001d0584f98f53a3d82ed0ba498cc3de
	0x40cBe7580168d52b7FEC884120B31115c3F7E37E
	0xce013682eddefaca8c94fe56a43a04212ebe4673
	0xae88ac9800594b43ac25a57374a5dac3d183bbc1
	0x0516063942078f5A0608eA42dDb5346cb6cf1c56
	0xcEFAB204B42aA5c532ED59F3d926AdA83c1158ba
	0x9008D19f58AAbD9eD0D60971565AA8510560ab41
ETHW	0x0F2eB0e8d8E6F5f10e76cA5Ce588e16D5F9ffdf1
FTM	0x13b4147f29e53eb85276dc01c74e8fb6b0a28b76
	0x4349fc96680bd7dd7e4db5e0d1f694e4c381074f
	0x9Ca2a3cAb7319FFA4BdE00871cB41634B91ED82f
	0xe51cdfe7f2458bcb199d877eacfc6316dcf6cbc7
	0x09305e7684d8cb4b86f7d4f2cc3da46051a54d49
	0x3b74b91360d7c1b59dc157dcfe01abae72557df2
	0xbe7dcaffc4ee6fe7df32a0249abd9d5755f55bd7
	0xEBf4FBB9C81b84dd5CF89BC75588E5d0018501b3
KAVA	kava1spv566tt3gt05n7cx9vfz47j3z878h88yywgan
KDA	k:a9f3672d7ad7a1e4592702d73b220cbc61db1fa17f
	89a56131d965bc03959913
LTC	Lcrkh5it7ndxVswms1QuRd78g7Fx8a2Ude
LUNA	terra1ynfwyv06jk86lvmf429zm7muxucjxajvjukhyx
MATIC	0x4515be0067e60d8e49b2425d37e61c791c9b95e9
	0xD4342E0277b3B9d11902FA1760F072868ECDBE2e
	0x6aa13fafb79f1b422431198dd4c810e786f192c5
	0xba23c0812480423e1bffa297ba7b0660e7b3f73
ONE	one1gcx262juw97v73m29en5z2ny0h86s20tfal4l8
OP	0x964c192e54E5eF4176626875BB53071956579fca
	0x75497999432b8701330fb68058bd21918c02ac59
	0x4be18b9AabF1D530d2949Ed3faAE2c7Db1e37c21
	0x9113040171B1ADe54de401380a8cd4d1261111C0
SOL	G3udanrxk8stVe8Se2zXmJ3QwU8GSFJMn28mTfn8t1kq
TFUEL	0xfd67e1084282c6f9945738704c222713e0342949
THETA	0xfd67e1084282c6f9945738704c222713e0342949
TOMO	0xbbE2a100822fc7022c0f42E277b338F67371c5b0
TON	EQATuwsj4O2cXXFwaldDRyS9Vv19Emmd6mwHy41QiiBqLH8N
TRON	TPFUjxQzG88Vwynrpj2W61ZAKQ9W2QYgAQ
	TP75t6owoqXxskLq6FB2R37PymNTmohq9L
VET	0xBcbb4cA01cF62c07DB339C985c609a67acdf1DBC
XDAG	15VY3MadZvLpXhjzFXwCUmtZcHszju6L9
XLM	GBPIDVKDSNF74OAGVBSPKLW73CSCGISBOB
	RB3ODROTMOEENZFC6WJFPN
XRP	rpQxVcjVF2fC23r3xKyJS53jw8d5SRhZQf

XTZ	tz1UH89jqhV9x9W6UKByuUQkeGhWtWgm1Fq2
	tz1bAjb8KhBjzRMuPbdLfC4EvETmdsuruynm
ZIL	zil1ntf5fv4swp9d2tns6dftsvy3apry5t4n2ydw4a

Source: <https://announcement.coinex.com/hc/en-us/articles/19187420867348-Latest-Progress-of-the-Hacking-Attack-on-Sep-12-2023-Updated-on-Sep-14->

Figure 15: Overlapping consolidation address for Stake.com and CoinEx heists

Social media post

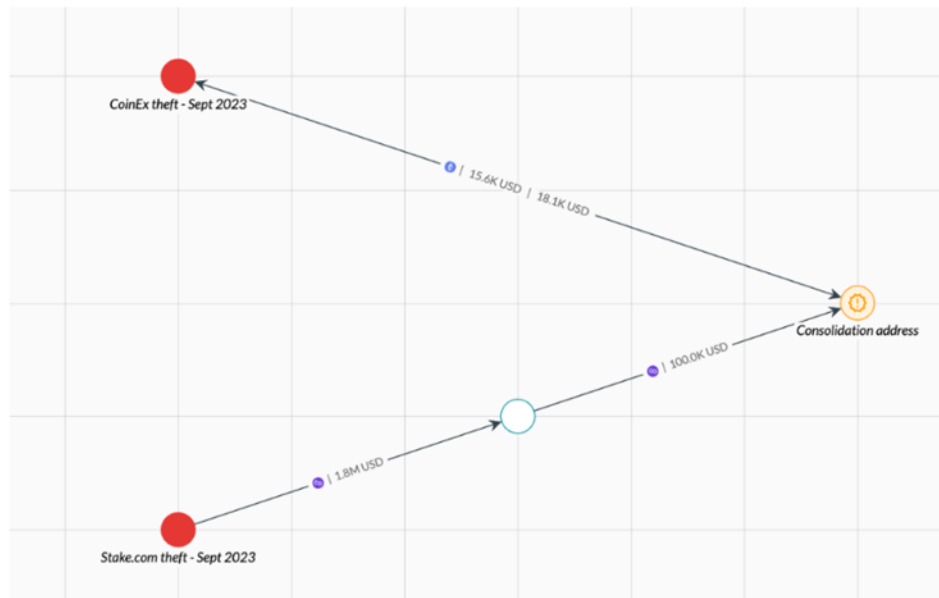

ZachXBT 
@zachxbt

It appears North Korea is also responsible for the \$54M @coinexcom hack from yesterday after they accidentally connected their address to the \$41M Stake hack on OP & Polygon.

0x75497999432b8701330fb68058bd21918c02ac59



6:29 AM · Sep 13, 2023 · **105.5M** Views

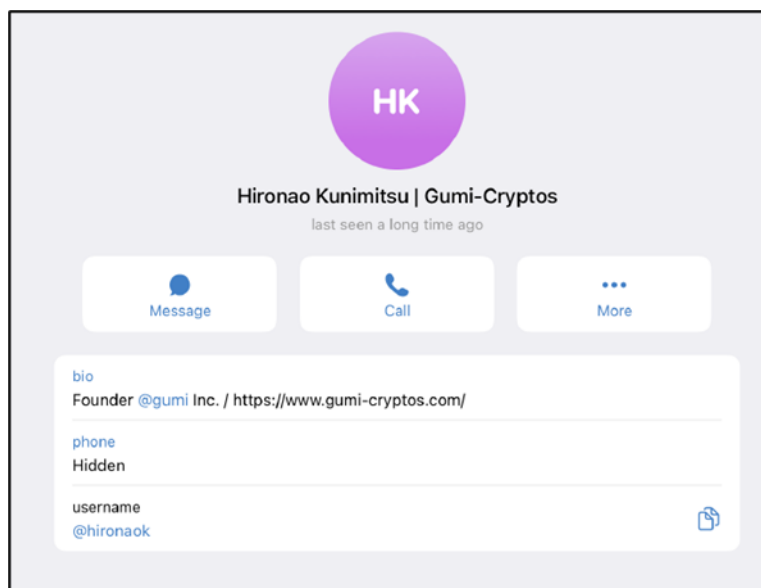
Blog post

Source: <https://www.elliptic.co/blog/how-the-lazarus-group-is-stepping-up-crypto-hacks-and-changing-its-tactics>

Fantom Foundation, 17 October 2023, \$7.5 million

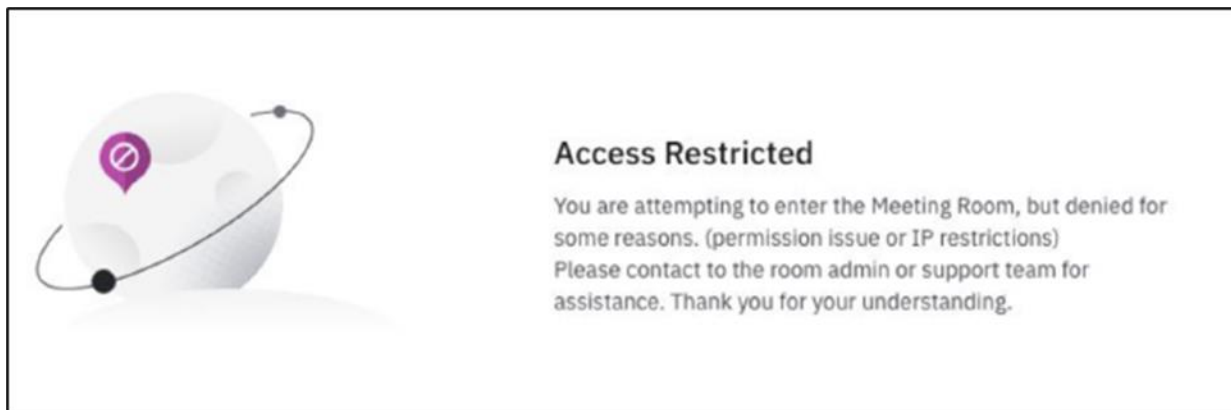
- Lazarus Group likely responsible
- Attack methodology:
 - As part of a spearphishing campaign by the attacker(s) on Telegram, a Fantom Foundation employee received a message from an individual claiming to be the founder of an established blockchain and investment fund and purporting to be located in an Asian country, who was interested in investing in Fantom Foundation and requested a video call to discuss (see Figure 16). The attacker was not pushy or forceful in setting a date for the call.
 - The attacker sent a video link to join the call that resulted in an “access restricted” message (see Figure 17); the attacker sent a troubleshooting link which automatically downloaded an Applescript file without any warnings or prompts (see Figure 18). The file contained troubleshooting instructions to run a script, which did not result in any abnormal computer processes and was not identified as malicious by antivirus software.
 - After approximately 25 minutes of “troubleshooting”, the attacker agreed to meet on another, established platform, at a later date. However, the same day as the initial call attempt, the victim noticed messages disappearing from Telegram, and less than 24 hours later, wallets associated with the victim’s Metamask Chrome Browser extension were being drained (both personal and those of Fantom Foundation). The extension subsequently crashed and the victim was unable to use Chrome; after a compute restart, the Chrome application disappeared completely. By the time the victim re-downloaded Chrome and Metamask and restored access to wallets, they were almost completely drained.
 - Subsequent investigation determined that malicious IP address 104.168.137.21 had gained unauthorized access to the victim’s computer to effect the heist, and that the script had resulted in all of the victim’s Chrome data (including Metamask wallets) being stolen.
- This attack is part of a broader Lazarus Group campaign of spearphishing on Telegram, targeting the cryptocurrency industry (see para 188).
- The attacker(s) stole 47 cryptocurrencies from the Ethereum, Optimism, Fantom, Polygon, and Arb blockchains, from 11 cryptocurrency wallets (see Figure 19). The stolen cryptocurrency was converted into Ether (ETH) using services such as Squid Router and deposited into Tornado Cash.

Figure 16: Attacker's Telegram profile



Source: Panel.

Figure 17 : Video call “access restricted” message



Source: Panel.

Figure 18: “Troubleshooting” link



Source: Panel.

Figure 19: Wallet addresses

Victim wallets

0xD2976A56cD84a91A2E83685a6dC5308315e29f15
0x4a6fF07ACd81F8d0ec7DD51f325D86b833821B1d
0xb86B137232C4e9B67F2B9BfD3d5641B77df70065
0x3CbA76E6A3298B19b77bd3B6A7BbC0B209e712b4
0x00721EE8954C5ABD6359Fb79b407549181d4b5fd
0xB0E3baEC3bA1990ebd2EDF9EEDC2f3213B381fB1
0xDc3D7bCA4C9DB233Ae10f4AF3c1BD105a5818cce
0x1bfFB3a232E06E06A5D9e93C8DF3321f768197c2
0x386aA44439e9C7181b1F0f1CAc0eFa478B623b27
0x596288A9090c9EeDf87bb5F2DA5d8e1bbC7BB935
0x48f7572cFbC4F246600CF816c668271034d81F8F

Perpetrator wallets

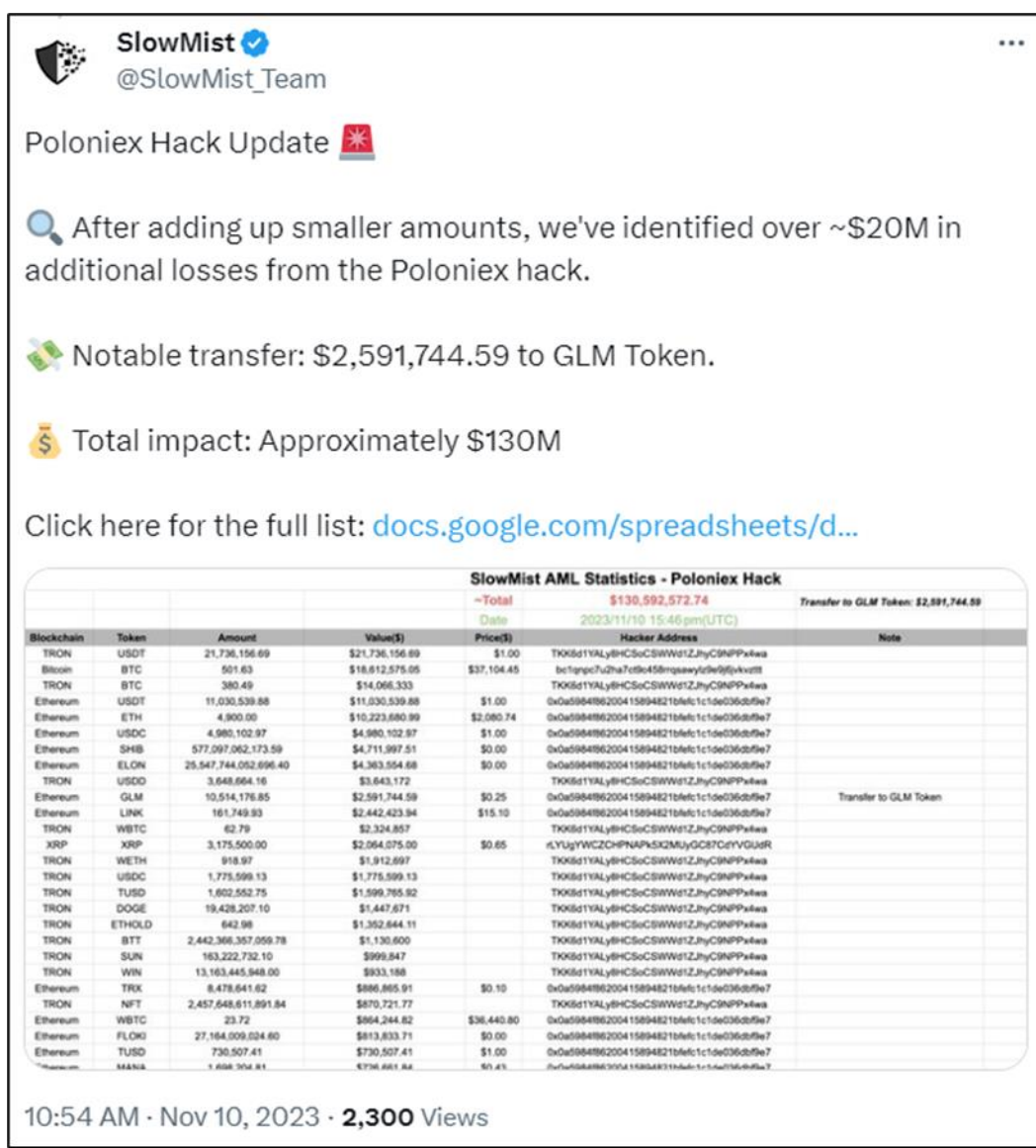
0x1d93c73d575b81a59ff55958afc38a2344e4f878
0x2f4f1d2c5944dba74e107d1e8e90e7c1475f4001
0x0b1f29df74a19c44745862ab018d925501fe9596
0x5cDEfFa84EE3C203FEE7a3901D90fF464EbfF801

Source: Panel.

Poloniex, 10 November 2023, \$114 million

- Possibly effected by a private key leak.
- The stolen assets included dozens of coins on the Ethereum, Tron, Bitcoin, and XRP blockchains (see figure 20).
- Attack patterns similar to previous Lazarus Group heists.
- In the laundering process, the funds were distributed across various addresses, with each address handling only one type of token. Intermediate addresses were used to swap Ethereum and TRON network tokens through decentralized exchanges, after which the assets were converted into Ether (ETH) and TRON (TRX).

Figure 20: Poloniex heist stolen assets



Source: https://twitter.com/SlowMist_Team/status/1723006264693657708

HTX (fka Huobi), 22 November 2023, \$30 million

- Effected through a hot wallet private key leak (see Figure 21).
- Lazarus Group suspected due to similar attack patterns.

HECO Chain (HTX Eco Chain bridge), 22 November, \$86 million+

- Effected through a hot wallet private key leak.
- Lazarus Group suspected due to similar attack patterns.
- Attackers stole multiple cryptocurrencies, including Tether (USDT), Ether (ETH), and Huobi BTC (HBTC), USD Coin (USDC), Chainlink (LINK), and Shiba Inu (SHIB) tokens.

Figure 21: HTX and HECO attacks

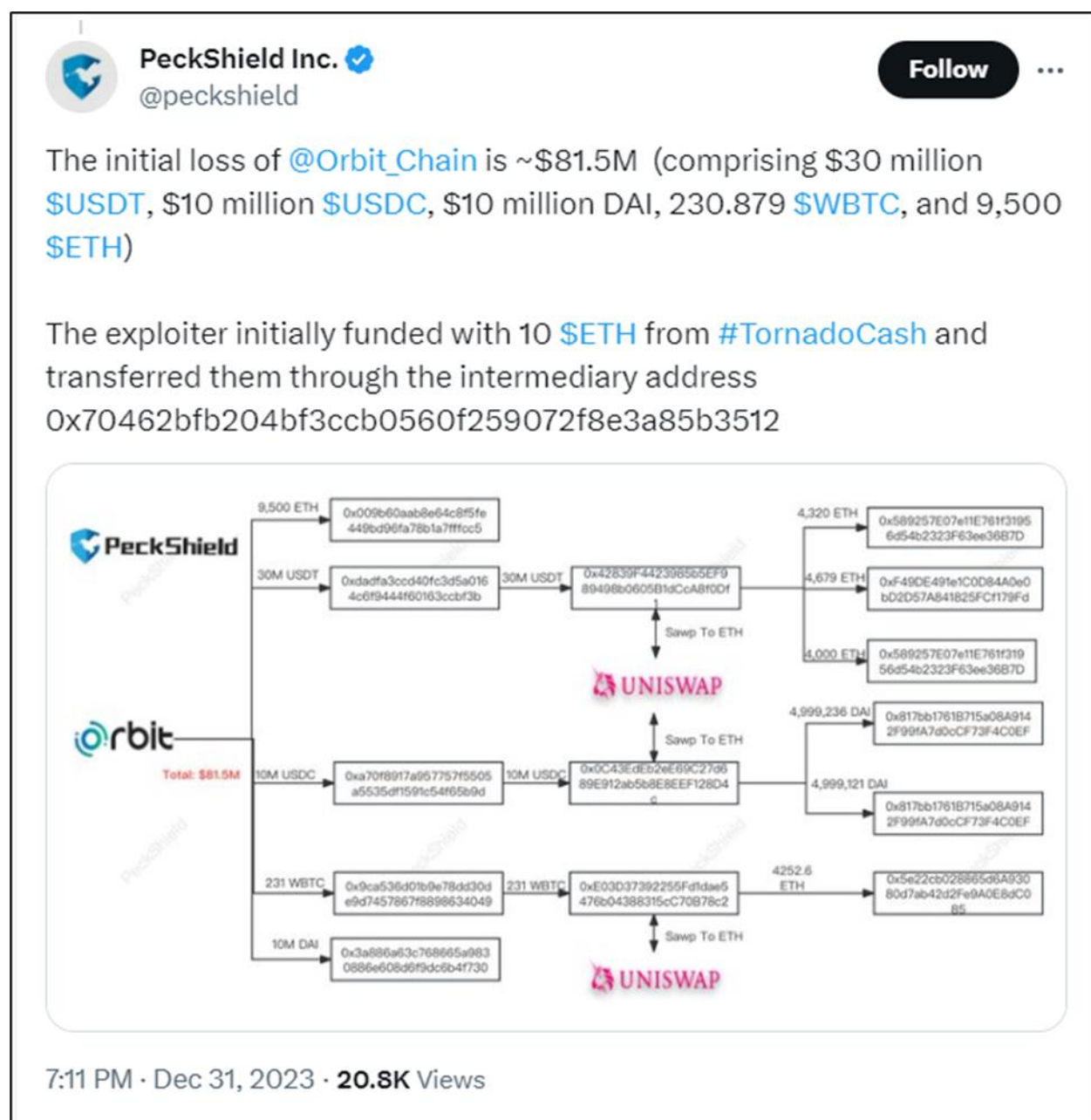


Source: https://twitter.com/ChainLight_io/status/1729530920179527720

Orbit Chain, 31 December 2023, \$81 million

- The attacker(s) stole funds from Orbit Chain's Ethereum (ETH) Vault, where assets are deposited during the bridging/conversion process.
- Stolen currencies included approximately USD 30 million Tether (USDT), USD 22 million in ETH, USD 10 million in USD Coin (USDC), USD 10 million in DAI (DAI), USD 10 million in Wrapped Bitcoin (WBTC) (see Figure 22).
- Laundering involved SWFT, Avalance Bridge, Sinbad mixer.

Figure 22: Initial laundering of Orbit Chain stolen funds



Source: <https://twitter.com/peckshield/status/1741613040335036513>

556/615

Annex 95: Suspected DPRK cyberattacks on cryptocurrency-related companies (2017-2023) investigated by the Panel

2017

Victim	Date	Amount (USD equivalent)	Location
Bithumb	February	7 million (m)	ROK
Youbit/Yapizon/ Coinbin	22 April	4.8m	ROK
Bithumb	June	7m+	ROK
Coinis	September	2.19m	ROK
Youbit/Yapizon/ Coinbin	19 December	2.65m	ROK
NiceHash	December	65m	Slovenia

2018

Victim	Date	Amount	Location
Gate.io	21 April	234m	Caymen Islands
Coinrail	9 June	37m	ROK
Cypherium	18 March	8.5m	U.S.
Coinsecure	12 April	3.5m	India
Taylor	29 May	1.7m	Estonia
Bithumb	June	31.5m	ROK
Bancor	9 July	23.5m	Switzerland
[unidentified company]	August	13m	India
Indodax	1 September	24.9m	Indonesia
Zaif	14 September	60m	Japan
Trade.io	20 October	~10m	Switzerland

2019

Victim	Date	Amount	Location
Cryptopia	14 January	16m	New Zealand
Bithumb	March	16m	ROK
DragonEx	March	7m	Thailand/ Singapore/ Hong Kong, China
CoinBene	25 March	105m	Singapore
BiKi	26 March	12.3m	Singapore
UpBit	28 May	50.7m	ROK
CoinTiger	1 July	272,000	Singapore
Algo Capital	25 September	2m	Gibraltar

2020

Victim	Date	Amount	Location
[financial services company]	7 August	11.8m	U.S.
Eterbase	7 September	5.4m	Slovakia
KuCoin	26 September	275m	Seychelles
Nexus Mutual	14 November	8m	UK

2021

Victim	Date	Amount	Location
EasyFi	19 April	81m	India
FinNexus	17 May	7m	British Virgin Islands
Fetch.ai	7 June	2.6m	UK
Bondly Finance (aka Forj)	14 July	5.9m	U.S.
MGNR	8 October	24.1m	<i>unidentified</i>
bzx	3 November	55m	U.S.

2022

Victim	Date	Amount	Location
Qubit Finance	January	80m	ROK
DeFiance Capital (NFT heist)	22 March	1.7m	Singapore
Sky Mavis/Ronin	23 March	620m	Vietnam / Singapore
Harmony	23 June	100m	U.S.
Nomad	August	190m	U.S.

2023

Victim	Date	Amount	Location
Terraport Finance	10 April	2m	ROK/UK
Merlin DEX (possibly DPRK IT workers)	26 April	1.8m	UK
Atomic Wallet	2 June	121m	Estonia
[investment platform]	11 June	17.6m	<i>unidentified</i>
Alphapo	22 July	113.5m	St. Vincent and the Grenadines
CoinsPaid	22 July	44m	Estonia
Steadefi	7 August	1.2m	British Virgin Islands
[unidentified company]	16 August	2.9m	<i>unidentified</i>
Stake.com	4 September	41.3m	Australia
CoinEx	12 September	70m	Hong Kong, China
[unidentified company]	28 September	3m	France
Fantom Foundation	17 October	7.5m	Cayman Islands
Poloniex	10 November	130m	U.S.
Uno Re Dao (possibly DPRK IT workers)	14 November	219,000	Estonia
HTX	22 November	30m	Seychelles
HECO Chain	22 November	86m+	<i>unidentified</i>
Orbit Chain	31 December	81m	ROK

Source: Information from Member States, statements by Government agencies, corporate statements, reports by cybersecurity firms and media articles, Panel investigations.

Annex 96: DPRK malicious cyber actors' patterns to steal funds from companies related to the cryptocurrency industry

- Attack vectors
 - Phishing lures
 - Social engineering
 - Weak code / protocols and human error
 - 3rd party (supply chain)
- Cryptocurrency laundering (layering)
 - Theft of multiple assets
 - Hundreds to thousands of intermediary addresses
 - Use of the Bitcoin Network
 - Asset swapping via decentralized and centralized exchanges²⁷⁶
 - Increasing use of chain hopping
 - Bridging²⁷⁷
 - Instant exchange services²⁷⁸
 - Mixers²⁷⁹ and privacy protocols²⁸⁰
 - Moving through multiple chains, including uncommon tokens
 - Speed to prevent freezing of funds
 - Increasing reliance on services based in Russia and China
- Cashout (integration)
 - Affinity for TRON blockchain and stablecoins, especially Tether (USDT)
 - Heavy reliance on 3rd party launderers and over-the-counter brokers (high volume, high-value addresses)²⁸¹
 - Purchased credentials and compromised accounts
 - Less reliance on centralized exchanges

²⁷⁶ Including services such as Binance, Bybit, HTX (Huobi), MEXC, Garantex, 1inch, and Uniswap

²⁷⁷ Including Avalanche, SWFT, Thorchain, Squid Router, Stargate, and Across.

²⁷⁸ Including Fixed Float, Simple Swap, and ChangeNow; such services generally have little or no KYC/AML procedures in place.

²⁷⁹ According to one blockchain company, DPRK cyber actors have “largely abandoned” use of the Tornado Cash mixer after its 2022 designation by a Member State and are instead utilizing “more traditional Bitcoin mixers.” Prior to the Member State designation, DPRK cyber actors were using Tornado Cash to launder approximately half of their stolen funds. See <https://www.trmlabs.com/post/tornado-cash-volume-dramatically-reduced-post-sanctions-but-illicit-actors-are-still-using-the-mixer>. In November 2023, a Member State designated the mixer Sinbad, “a key money-laundering tool” of the Lazarus Group, and seized the mixer’s website. Sinbad reportedly processed millions of dollars’ worth of virtual currency from Lazarus Group heists, including the Horizon Bridge and Axie Infinity heists (see S/2022/668, paras. 147 and 148, S/2023/171 para 165, S/2023/656 para 139, and <https://home.treasury.gov/news/press-releases/jy0768>). Industry reports have identified Sinbad.io as a replacement for Blender.io, after the latter’s designation by the same Member State in 2022. DPRK cyber actors reportedly used Blender to launder over USD 25 million worth of stolen funds from the Ronin Network (Sky Mavis/Axie Infinity) and Tornado Cash to launder over \$553 million stolen from the Ronin Network, Harmony Bridge, and Nomad Bridge, all of which occurred in 2022.

²⁸⁰ Including Sinbad, Shielded TRON, Samurai Ricochet, YoMix Tornado Cash, CryptoMixer, and Wasabi Wallet.

²⁸¹ The Panel reported investigations into Wu Huihui and Cheng Hung Man, China-based over-the-counter traders reportedly facilitating conversion of DPRK-stolen virtual currency into fiat currency (S/2023/656 para 142). A blockchain company told the Panel in October 2023 that these individuals are still very active on the blockchain, using new wallets, and are continuing involvement in converting a large portion of DPRK-stolen cryptocurrency funds into fiat.

One cyber company emphasized that these DPRK actors are constantly seeking and using new methods to obscure their movement of stolen funds. As part of the DPRK's laundering process in 2023, the company reported that stolen cryptocurrencies will be swapped from one currency to another, and then back to the original currency, and bridged from one currency to another, and then back to the original currency. Currencies will be sent to and from mixers and privacy protocols multiple times. These methods will be used numerous times within the laundering process for the same hack to further obfuscate the source of funds. Given the significant time and transaction fees that this activity requires, there seems to be no legitimate purpose for this activity. The DPRK also reportedly utilizes automated transactions to deploy these tactics on a large scale, quickly, and in a common pattern.

According to another cybersecurity company,²⁸² "once cryptocurrency is stolen and converted into fiat currency, North Korean threat actors funnel the funds between different accounts to obscure the source." As part of this process, DPRK cyber actors reportedly utilize stolen account information, identities, and altered photos to register accounts at cryptocurrency exchanges pass anti-money-laundering and know-your-customer (AML/KYC) verification requirements. In addition, the DPRK has reportedly "developed an extensive money-laundering network to facilitate the movement of billions of dollars' worth of stolen cryptocurrency from when it's stolen to when it's converted to fiat currency or used to purchase goods and services" for the DPRK.

²⁸² <https://www.recordedfuture.com/crypto-country-north-koreas-targeting-cryptocurrency>.

Annex 97: Cryptocurrency wallet, email, and IP addresses associated with a late 2023 cryptocurrency service's seizure of suspected DPRK-linked cryptocurrencies^{283,284}

Wallet addresses

0x02ca7a9d9bd7658786eada30a872b6975512	
0x052ca778a7eddd1a007321c0ff14a375e46a	
0x0572f0a350de6e597b9d06c1d52facad43f2	
0x0ac4cd26a361c3a949e5a83ad270a3a6a54c	
0x0d0245f12e5e9d8e8fa5da91fa25495d26c0	
0x0d4e7e3c4d1e50fc9a9b0adcafe8b386ce18	
0x103691AAFEb0b757353F53CC08bb95F62DeE	
0x122AFa7C20003F3DEd0081eCc47fa4247A3	
0x14a82b8ae4d42b0bbc4487e121ccedeab534	
0x181EaBaB0A772bb464b71feea191E132706b	
0x1a17e4603688949555f7c4d73f85ea7f04a3	
0x1aA207AA1F2B276e4Ebf3a021429643ed06F	
0x1ae0b7c500c4f1babff226f82cdfa4396e81	
0x1b4eedbeb2963de5d2e7d6cbd35582260e49	
0x221a75d6ddef3fd442333127e522fbd2140	
0x22c3D2bf754d901153D3ca4916ED226312e8	
0x24824deca26ae641e5226850edb9e26dedc1	
0x2FEB9fd9AE892fbd4E75295791E8bb2050ed	
0x351394181b94dc5d191cb5fe9d080c5329c9	
0x3580c387ab00780c5a9601794aeb8fb6cbc0	
0x4272200EF626D409E9Bac681Aa0EFdB653A9	
0x468b2172815B59A392Da5cECc323F017f3f5	
0x485c1be0c316791f506875117256c4c0b6a0	
0x53c89d248ac8695309bf29c42375337bc6c0	
0x58797946fF72d85f96E04Cb09e24039832d4	
0x5b56289234b9a433a8c98b4a7623dd9941a1	
0x5e00b79ab12457ff60a1d3760668514dc2de	
0x6A0488407C0765aF3C06B6bA30870cB6adAe	
0x6c5582b005674c7d90b4ace236e886c938bd	
0x7A29C6AA03A2b32a4a397A7916e45aC3374a	
0x7b8959274a5077f62fa97e01f41dab8aa0a9	
0x88aacb0091e39a13e327f1f42bb2d1031f7b	
0x8f06789ed6665152af1ba7c4ab97137461b0	
0x8f77b219830325762c57a66cd2fbcc559581	
0x9167419762448e5F78eE9b7416e2aa174bFF	
0x960f50b291958c738e1ad5313262770572a6	
0x977a20277b7886bf112093eadeae66c47437	
0x9a9bbe4f8c9c9f9b9e31200ec877b28bcb89	
0x9d1b0e6996cf39b3a83b2aad856b98445e47	
0xA3D3855A3b4484202684551D2FAC61F6E19F	
0xa525b1d83601e919607bfl5f67c9b1f4f506	
0xA71D408643780d64dAB398C063CFaEdfbAAb	
0xaCC0339F9579c0D4Aa495bfl1061bA27C6F3	

²⁸³ Seizures (freezing of funds) were carried out based on the service's analytics as well as information provided by other cryptocurrency services and engagement with a Member State's law enforcement agency.

²⁸⁴ The transactions included transfers between Bitcoin (BTC), DAI (DAI), Monero (XMR), Ether (ETH), Tron (TRX), Tether (USDT), Arbitrum (ARB), and Polygon (MATIC) coins.

0xb084712e4c9a580d812851f7c2b77a52cf0b	
0xB31916DfD5E086Ba212e18635e55C46C2706	
0xb8045abb99fd8ddeafff3392d638e46d3441	
0xba2511fa4416b05204b4b3068f665cd64b33	
0xbca730cef9dcd886ddfa9206a4cebf348f0d	
0xC598bC132c4284dc767eF279a8d368219Fb9	
0xc5d58a08a914d46efc36a0059d98b5df8801	
0xc9aa577c1b14a884cf2543c763da61b189b4	
0xCCDD82Aa141bdF358B6F45E4C7240e9340C3	
0xcf1696b661f8ef08dcd2fee4e60f42fbf1df	
0xCf9E44f42E920C77938b912218cd3163D569	
0xcFc3BA9dFd1389cfA9f6BFb208869b1171D7	
0xd6681c0c2C2173F3AD59eC3A139e3F3BC7C7	
0xD68E7C679087Db14A11779f36dde606B7475	
0xd90adc62ad4482ef085ea6c6d46fa6b4269c	
0xda78219a0f87097ce7be0c4f21a4cf9941e8	
0xdaf261df6e51e81cd727a93392999432866a	
0xE55cbA9D7B97F4822e1Cd4759B8f5e197d8E	
0xe78db1785a5f2d4220821fceaadb226ed94e	
0xe852f42bee975f96b373e72dc360f0ba0a63	
0xea855770d87017f13ffc969c8cc2b22d572e	
0xee43f651352fb5d754003531738d6eeaf59d	
0xf8acffd725f81e0aad5e95ce0246c318181b	
0xf8d3e96a3a3ab282d4ca2354554d2400f524	
0xfcd6cab2bbf33b8dd71332f2b6aa0fe9b697	
0xff99c7ad352297ae2419c4e8b383a3b6e661	
1Fpy4NYLuiTf1LSQR1u8HDwkmPoGew	
bc1q00d4svwcmrtzrvrsxn7p5gan0ayc2qzydq	
bc1q08epaf6xd17y42c7ssat5rcmzfrmju87zn	
bc1q0mw3mffct83cgn4t5ghy0gykg0avln0em6	
bc1q0y3673x3cen3uhah3rwjftahexts683j3r	
bc1q0yvvyxgklccpnfvpk7nvjytnv49q5p05hd	
bc1q28mu7qgpvutyshq4c4j064tzvx40hxjmx	
bc1q2czj7cg2dveec24yf4a6440wjpg3wjdvtb	
bc1q2f7a3gpaj7662nna6kt4dgjy82t9y8mjje	
bc1q2xt2kmdpy7tudq4tqukmp6zk5n9fazv0cj	
bc1q3a7hhsm62x2drdazcfatfr2qprhmncn3ws	
bc1q3f96s5453chuycg05alt7zlphtmtdddzunw	
bc1q3urugm9qe8syzawq6ayees6l3n2387na4x	
bc1q3xe38kxat6gtyrf6ak676je43cq66fj4q	
bc1q42xly4jv6g5naxzg73g5zc3ukkyzyxjg9p	
bc1q49vxdjxc54aqz7xz04c5pdjuv0q45zem0n	
bc1q4f0azvrzgl67duealn3lrp6p8sgzaf84ce	
bc1q4mp8an4aw26950q5caj2vnlvkck4haw10d	
bc1q54s80g6l3ah93uyrxz08r4yuht6pvxmjw6	
bc1q597zludt6su8u0tgxlvpe9es5vphpwhwj	
bc1q5nnet6dxuz7dxgk0hadlxvpmyh50l30lmw	
bc1q5pdq8ernekeshtp25rsv7ej9rftvu3xa0	
bc1q645s35c46a00eyjuc858q7y2l7wxv0tkcz	
bc1q6dk4glzjllmrtewkj8hhpn7kv5dmh5xq2	
bc1q6evlqxm79x24jfxha2wwgfsz8rhjda9rhj	
bc1q6qm3w30rufxamewr0neffx6l4324jggn89	

bc1q6xa7avsu2et7emgvpzhez6c86h2dlg3hx	
bc1q6y7aspk377lr7xvca9ednuxf4gkh0nz97x	
bc1q7epam2grl6g87v76zw2qkn6udygwsaez00	
bc1q7lrf9fkjghva0fz3dp2q8c2fjwvmpstqaz	
bc1q7v8ax4xgywft7686r7jatt63ehnt0s3wx	
bc1q8m0n8adpxrkpp4wkyemnmfr74vk3wp6vu	
bc1q8rfcl9xsx38h7meldstr74wy8x62dnr43	
bc1q8ztlc0kjg7stmvs25trn6xnrng6f7a00mw	
bc1q95xl25dxuyeq2f7ctv70du3jymqqd5ct5u	
bc1q96m02sadsphrwa8w3a6n2dy7gvuhstsxx	
bc1q9a223mrlyrttd79amcjl8uzmhfaz9lps	
bc1q9hx36ygzzdp0u2yq8gmh7mag8frhud9ntv	
bc1q9r9yqy3qph7gkpgtmn9v5t23hyte7gtv6u	
bc1qaqdnngxul0xrjctzcrh80d0cwks06h4hu3	
bc1qayh8dcmv8t03d7zx020dke860w3nl0x485	
bc1qazyza94sh8fwcsq4vj862ayjzp95gu4r3v	
bc1qc6ryywg9rjf5v9avtljwjyjdjih7xd88k6v	
bc1qd5qx5r0830dwd8969qs9y15v0fud5qtlpd	
bc1qe9hhzhgvw4dq9n93znvcl4zrxv7dgfmthy	
bc1qeg7ryrr3zvs2m59x5pn257zekqednxs8cd	
bc1qezjtulphycaux2xju2ahw0yvtp2ztwvu8	
bc1qf589zu2jvn9qsl39fhwmaegdfymkdmfmr6	
bc1qf8r72h0jxaq08jhjgctf5zev7shkvmzj4f	
bc1qfjdqtmvy3l86d3fn52dglstk37svlw8frq	
bc1qgju9076p3974ys8z8vhwv6tuuvm2te5p6d	
bc1qgpggnlf42pr520a64jnhjcvqk9rrmgnmk6	
bc1qh0m6fuycat0r4rn9q0shn6aktpujseue6t	
bc1qh6wztuljtfaz420x0dj3x00vshss5k2tzk	
bc1qh7e9gzpy0hhasajxl48v0my5g0zyyhh9e	
bc1qhn4rmxcwmupajcr4ljcm2mjlx9e2j6ggk5	
bc1qj2u655qtxawxar2xqdmex3t3zl0l3l2jq	
bc1qj6cuyehm9ztk2950jgm8kks5za70hf362c	
bc1qj9aynjq37fhj5jpmr3mt0m5a87clnx4wt	
bc1qjksnf2uc09ce8ms50vf6rwzn8h96hjzgxj	
bc1qjpwpu8sgy3f5u6ehsq773htr0y0f87vau7	
bc1qjsve3dz35u830yfy78lycq6vk62dqhe0t2	
bc1qkk6v8m9n89ege3ktmz79e5275cy3u9gnlt	
bc1qkufza4yh4t24yg73nnmqmm3gyrtpw8ekuz	
bc1qlmmk7ckdal0j3nvy2y4t2xwefl9976fkq8	
bc1qlp3pq7tjc6zup3pxu7umj9s30yxteyarc3	
bc1qm8l8uxdgwqq5ekqgr2sfscdmglakxg5fl5	
bc1qmzlxlvw0srp37mqnx8mymsecnju0xj6dh	
bc1qn2h9dxvx3xm74hnd3ju7kdypych54vq6u	
bc1qn7xym0yrhng9hy88uqgevm46jnh0fh2lu	
bc1qnfc3hz4a4j4scyg5zrt0xa7p0vrac9v8wl	
bc1qnvnuyl7cg86dyzng03etkjdkjaavfu0m3n	
bc1qnys580at9apad90dm0taajudld6ev2lka	
bc1qpces26rxvsrtq9px7fpga0etzaqu7thnc4	
bc1qpkhdfc3nwcvvq6kaczz8a67kfatpwhvjn8	
bc1qq2p2275rdl2xs3edj63c5mlks3g64g6atx	
bc1qramng39n2lh4f9ml5553aa9mh4y3w2sphj	
bc1qrkc7jgxmletk3ydd9e78kswx4t4tfgyn8q	

bc1qrq49v9cnka6gsqf7f3vj9emezdzk7mncrp	
bc1qrqdszqqxscecl5kjatsgf5qyzfdaajkq4	
bc1qrtpwvkejcw7eyxxcspg56yqukxa7xszrjm	
bc1qrwhvs2qsp0dmhk5ft007htgqajurygyjdy	
bc1qs2nqutvz3lj8g2grj0y3m7ha0lem98xrr	
bc1qshcy8gcwhqrx244wqtrxpknj8dhcwya0k	
bc1qt57yn6rgtpmgsfcjqqaru35arpxwy7u9g4	
bc1qtdgxeagzeffl44h0dnt3jvqqg7khr72qpmm	
bc1qtja7wvvtxgafisz5tzxzy2s2u740cqdx	
bc1qtje9p7zrhjqexvu527mu82nt7uh54rwm8t	
bc1qu42tfm8t46sx7my3eecv5xlpq5gvjw2t7c	
bc1qu6p60gnnmfrj6tszq6pqe6hche6ylfpd23	
bc1quy7xp3a84vw399wf8sfjltevxxx5z99at	
bc1quzchcv79rqnslmre338fyhjrhmzsm4yvtv	
bc1qv2rc6c4ypqamrjdankftmvxhftuijpq6d	
bc1qv7mx9qa2amrsfd6gd38t2glkkagnaeytua	
bc1qvegseajyqweeewwkjxufdslp2gc5utv2hc	
bc1qvfxrp3dpctthms22emkyp17kzjf0yg9khe	
bc1qvmekcz3820m7g6aeuhj7hgm3yarc83zrw8	
bc1qxxgcv3l7d7nwz3qtm00cavq0fc5ted0wpl	
bc1qy8nqve0flr6yk0qvqnlqakzeu9m9n6sz73	
bc1qyfktdgjq2d5hvd2acfkzggskwu4pkdeed3	
bc1qyfpkkhrx3p5qht9vgf9fag83fx5ekktr9e	
bc1qypyxu0kya5u0k2wckcgpjksxxtv44r5u	
bc1qz8xyjq9w9dscr288lxq8j6up2agv2vwc0n	
bc1qzemylw4ewmt2xs9ruh3g2n83yhsyz6g6qu	
bc1qzj9jgthhcdm3aetyzegt63dqzutm5lg70f	
bc1qztelja0hf953ugt8wx3qxt5a7hqqmknuqn	
bc1qzu99nu7uqy3rj6j97u3c8tx3p62ztdhyte	
TADxuvmtYJZTjh2jKsevLLE4n2FdHt	
TAgupBnLCH99B7wL4coQDXXJfXtE1t	
TAJSvkSYjKs78HXcVjc3aUZRaj3TYw	
TBJ2ZpCxhk72K8fv45BVdMbZ7EzGXr	
TBk2tkNYNmthXyNNQSKCifm7ornyx2	
TD5NH3dfKHixBa9CD2gJ3MgsNxdxt6	
TDP2Wp3qZEvvX7eymeCuiEcyFoeik	
TEiP4XVuJCPjQF5HuY1WUGVF9Do6Nf	
TF9c7LRiRSwZ87GBj1AjWeXwbaSCsN	
TFdfbEU1uFgo4PypB5aJrcG1mRHaU2	
TG2nRs6zLKwfhQzKHsRnm5amMqa2AC	
TGn1S8fY2BSuphBK4DJEJfRoYiUx5d	
THFidK8JoznjC4eBTtD77xDJBnBSqj	
TKAd3q8R7JXQoTVzoAV4Co1T1oe3rB	
TKHNPTssFKWMVo5ajgETYw8itNXuFk	
TKZY3PjYzk8UxRRjN5uu2q3Cvu2jVx	
TM2M3vghGmhNDLSVxn8shsZvaohgm4	
TM4JTYwheXMdorkwi4rGXTQXtMBSJo	
TMGbCV95yZe234LuXMQZMcmUGxj9Sc	
TNqZvJqHuxVijNyCageZVBd43VjDfB	
TPTmtZkFGwwxZTkBmPi8a1zty9iidX	
TSefRvvpX7rGr5JjfhFCstkiTaQFMc	
TSYh3nfh7efqXTzEzRiYgheELHcALd	

TT2SrWWK77DoTBzxkRM4t6jqZ6WJhC	
TUUPhW8Chi4mop7geAJmBQim1kZvbZ	
TV1DpkjCB7C6cbTgrZRvY6E3J47rcX	
TV2z9YSSLhDyvPFB681dVdVBciURp7	
TViN1Zp54GcmmPYFqDHMGZtqjZ1SYp	
TVkV6R6BbCWwibkmUhA8ubq4Fq4TYi	
TVmxKc7YF5DFdeC8LCR5T2vdUt35EX	
TXQxmRQ5ZE9dAfyam5SivqjL9U2xHi	
TXRXY7sEenLNaXUbNuyNzRZFBkDlb	
TYnC673dMhmbktBP5DNxWiTr7Uzre	
TZAgVhZk8jx56gsvxEFumjnEf8T6rs	

Email addresses

Email address	Associated name (if available)
sa_lia@[REDACTED].[.]com	Sa Lia (note: email account language was set to Chinese)
leaf20202011@[REDACTED].[.]com	Mmhy Yyh (note: email account language was set to Chinese)
zakulasukirg@[REDACTED].[.]com	Zakula Sukir (note: email account language was set to Chinese)
otcmike@[REDACTED].[.]com	Mike OTC
arvinaskong21@[REDACTED].[.]com	Arvin
alexander_markenov@[REDACTED].[.]me	
janewang[.]binance98@[REDACTED].[.]com	Jane Wang
jayliang812@[REDACTED].[.]com	Jay Liang
n65741556@[REDACTED].[.]com	Nguyen Vinh
aubreylindhorst@[REDACTED].[.]com	Aubrey Lindhorst
luminar198@[REDACTED].[.]com	
js382653@[REDACTED].[.]com	John Smith
ravishweijer@[REDACTED].[.]com	Ravish
decongingroun6f@[REDACTED].[.]com	Jimmy Lee
shaolin386@[REDACTED].[.]com	Shao Lin
ton8689@[REDACTED].[.]me	(note: email account language was set to Chinese)
hoaleta2018@[REDACTED].[.]com	Hoa Le Van (note: email account language was set to Korean)
xie18079861378@[REDACTED].[.]com	(note: email account language was set to Chinese)
yunisemgar@[REDACTED].[.]com	
sergeitest12@[REDACTED].[.]com	
changellybrown@[REDACTED].[.]com	

alinainc111@[REDACTED].com

Note: email addresses include the iCloud, Gmail, Outlook, Hotmail, Proton, GMX, 163, Skiff, Protonmail, and Yopmail services.

Transaction IP addresses

5.226.137.4
27.109.114.188
37.120.151.162
37.140.254.144
37.140.254.189
45.128.199.27
45.8.25.82
45.8.68.79
45.8.68.80
45.83.220.216
45.86.202.216
45.86.202.4
45.95.243.104
45.95.243.155
66.115.146.163
78.109.18.227
84.247.59.103
84.247.59.113
84.247.59.115
84.247.59.123
84.247.59.13
84.247.59.145
84.247.59.146
84.247.59.27
84.247.59.47
84.247.59.57
84.247.59.7
84.247.59.80
84.247.59.86
85.203.15.104
85.203.15.105
85.203.15.45
85.203.44.133
85.203.45.198
86.48.13.166
91.221.66.87
94.200.95.34
103.125.146.22
103.125.146.27
103.125.146.40
103.125.146.8
103.125.146.90

103.163.220.242
103.163.220.248
103.163.220.38
103.163.220.61
103.235.17.57
104.234.140.132
108.181.50.58
114.42.193.83
117.20.113.188
117.20.116.53
146.70.144.77
146.70.199.8
146.70.42.122
149.36.50.13
157.97.122.39
157.97.122.40
178.157.102.179
182.239.115.115
182.239.115.43
182.239.92.147
182.239.92.58
182.239.93.210
182.239.93.41
185.107.69.214
185.192.71.14
185.204.1.184
185.82.72.120
188.212.135.178
191.101.126.192
191.96.180.36
191.96.180.37
191.96.180.52
191.96.180.54
191.96.180.77
194.32.120.58
194.32.120.76
194.5.48.68
194.5.48.71
194.5.53.248
194.5.83.4
212.30.37.180
212.30.37.214
212.30.37.30

Annex 98: Kimsuky email addresses, websites and virtual currency addresses released by Member States

Email Addresses:

- hongshiao@naver[.]com
- teriparl25@gmail[.]com
- seanchung.hanvoice@hotmail[.]com
- pkurui9999@gmail[.]com
- kennedypamla@gmail[.]com
- ds1kdie@aol[.]com
- ssdkfdlsfd@gmail[.]com
- haris2022100@outlook[.]com
- bing2020@outlook[.]kr
- marksigal1001@gmail[.]com
- donghyunkim1010@gmail[.]com
- hong_xiao@naver[.]com
- sm.carls0000@gmail[.]com
- ds1kde@daum[.]net
- yoon.dasl@yahoo[.]com
- syshim10@mofa[.]lat

Websites:

- sovershopp[.]online
- onerearth[.]xyz
- mofa[.]lat
- janskinmn[.]lol
- supermeasn[.]lat
- bookstarrtion[.]online
- cdredos[.]site
- scemsal[.]site
- somelmark[.]store

Digital Currency Addresses:

- bc1qmkh9s8qju9tkk2qckcz79we2084h2ckeqxylmq
- bc1qu9303km9mnq03hxehtf2tzchvmkqnzyzm928d

Note: Not intended to be an exhaustive list

*Source: Member States.*²⁸⁵

²⁸⁵ https://www.mofa.go.kr/www/brd/m_4080/view.do?seq=373737&page=1 and <https://home.treasury.gov/news/press-releases/jy1938>

Annex 99 – Select reports of DPRK cyber actors targeting the cryptocurrency industry

“Security alert: social engineering campaign targets technology industry employees,” GitHub, 18 July 2023

Summary: A recent DPRK social engineering campaign perpetrated by Bluenoroff targets the personal accounts of employees of technology firms, using a combination of repository invitations and malicious npm package dependencies. Many of these targeted accounts are connected to the blockchain, cryptocurrency, or online gambling sectors. The attacks begin with the DPRK cyber actors impersonating a developer or recruiter by creating one or more fake persona accounts, or legitimate accounts that have been taken over by the DPRK actors, on GitHub and other social media providers. These fake personas have also been identified on LinkedIn, Slack, and Telegram. The DPRK actors may initiate contact on one social media platform and then attempt to move the conversation to another. After establishing contact, the DPRK actor invites the target to collaborate on a GitHub repository containing software that includes malicious npm dependencies and convinces the target to clone and execute its contents. Some software themes used by the DPRK actors include media players and cryptocurrency trading tools. The malicious npm packages act as first-stage malware that downloads and executes second-stage malware on the victim’s machine. In some cases, the DPRK actor may deliver the malicious software directly on a messaging or file sharing platform.

Link: <https://github.blog/2023-07-18-security-alert-social-engineering-campaign-targets-technology-industry-employees/#indicators>

“Spreading malware disguised as coin and investment-related content,” AhnLab Security Emergency response Center (ASEC), 31 July 2023

Summary: Malicious cyber actors believed to be Kimsuky are distributing malware disguised as cryptocurrency coin exchange and investment-related content. The malicious code is distributed in the form of executable files and word documents, several of which have cryptocurrency-related names.

Link: <https://asec.ahnlab.com/ko/55646/>

“Konni APT exploits WinRAR vulnerability (CVE-2023-38831) targeting the cryptocurrency industry,” Chuangyu 404 Advanced Threat Intelligence Team, 14 September 2023

Summary: ScarCruft (APT 37) group has been identified using the WinRAR vulnerability (CVE-2023-38831) to attack the cryptocurrency industry, a significant shift in the group’s traditional targeting. ScarCruft used a malicious payload disguised as a wallet screenshot named “wallet_Screenshot_2023_09_06_Qbao_Network.zip,” likely a reference to Qbao Network, a smart cryptocurrency wallet service.

Link: <https://paper.seebug.org/3033/>

“Detailed Malware Analysis Report: Putty disguised as malware (Lazarus APT) (악성코드 상세분석 보고서: 악성코드로 둔갑한 Putty (Lazarus APT)),” Hauri, 9 October 2023

Summary: Since June 2022, the Lazarus Group actors have been creating malware by modifying open source software (such as PuTTY, KiTTY, TightVNC, Sumatra PDF Reader, and muPDF/Subliminal Recording), and have also pretended to be recruiters on LinkedIn in order to target victims with malware. Moreover, it appears that the DPRK cyber actors intended at least some of this malware to target the cryptocurrency industry, as the C2 server identified in the report is a domain entitled “hxxps://blockchain-newtech[.]com.”

Link: <https://www.hauri.co.kr/security/security.html>

“Elastic catches DPRK passing out KANDYKORN,” Elastic Security Labs, 31 October 2023

Summary: A novel DPRK intrusion has been identified on a macOS system that targets blockchain engineers of a crypto exchange platform, lures blockchain engineers with a Python application to gain initial access, and deploys multiple complex

stages of the attack each with deliberate defensive evasion techniques. Attackers impersonated blockchain engineering community members on a public Discord frequented by members of this community. The attacker social-engineered their initial victim, convincing them to download and decompress a ZIP archive containing malicious code. The victim believed they were installing an arbitrage bot, a software tool capable of profiting from cryptocurrency rate differences between platforms. The malicious activity was attributed to the DPRK (likely the Lazarus Group), based on analysis of the techniques, network infrastructure, code-signing certificates, and custom Lazarus Group detection rules.

Link: <https://www.elastic.co/security-labs/elastic-catches-dprk-passing-out-kandykorn>

“Crypto-Themed npm Packages Found Delivering Stealthy Malware,” Phylum Research Team, 4 November 2023

Summary: On 30 October 2023 Phylum identified an unusual publication to npm called “puma-com.” Upon investigation, Phylum found a very convoluted attack chain that ultimately pulled a remote file, manipulated it in place, called an exported function from that file, and then meticulously covered its tracks by removing and renaming files all along the way. Phylum identified four additional packages belonging to this campaign.

Link: <https://blog.phylum.io/crypto-themed-npm-packages-found-delivering-stealthy-malware/>

“BlueNoroff strikes again with new macOS malware,” Jamf Threat Labs, 6 November 2023

Summary: A BlueNoroff malware variant dubbed “ObjCSHELLz” was discovered that shares characteristics with the previously-reported RustBucket campaign. In this campaign, the actor reaches out to a target claiming to be interested in partnering with or offering them something beneficial under the guise of an investor or head hunter. BlueNoroff often creates a domain that looks like it belongs to a legitimate crypto company in order to blend in with network activity; in this case, the malware was observed communicating with malicious domain “swissborg[.]blog.” This malware was likely a late stage within a multi-stage malware delivered via social engineering.

Link: <https://www.jamf.com/blog/bluenoroff-strikes-again-with-new-macos-malware>

Social media post, Microsoft Threat Intelligence, 8 November 2023

Summary: BlueNoroff cyber actors had, within the prior few weeks, created new websites masquerading as skills assessment portals, marking a shift in the persistent actor’s tactics. As part of this, BlueNoroff is targeting users on LinkedIn and enticing them with deceptive lures related to a skills assessment, subsequently moving conversations to other platforms. The assessment portals are reportedly created to entice victims to register an account, allowing the DPRK actors to harvest their information.

Link: <https://twitter.com/MsftSecIntel/status/1722316019920728437>

“Hacking Employers and Seeking Employment: Two Job-Related Campaigns Bear Hallmarks of North Korean Threat Actors,” Palo Alto Networks, 21 November 2023

Summary: In a campaign dubbed “Contagious Interview”, DPRK cyber actors are posing as employers – utilizing advertisements on job search platforms and potentially email, social media, or chat platforms – to lure software developers into installing malware (hosted on Github) through the interview process, providing the DPRK actors opportunity to steal intellectual property, funds, and/or other information. The investigation also identified two new malware families, BeaverTail and InvisibleFerret. Based on some of the file names of malware deployed, the DPRK cyber actors may be impersonating legitimate AI, cryptocurrency and NFT-related companies or recruitment agencies.

Link: <https://unit42.paloaltonetworks.com/two-campaigns-by-north-korea-bad-actors-target-job-hunters/>

“DPRK Crypto Theft | macOS RustBucket Droppers Pivot to Deliver KandyKorn Payloads,” SentinelOne, 27 November 2023

Summary: DPRK cyber actors have continued efforts to target macOS users associated with the cryptocurrency industry through two major campaigns in 2023, RustBucket and KandyKorn. DPRK cyber actors are ‘mixing and matching’ components from these two separate campaigns.

Link: <https://www.sentinelone.com/blog/dprk-crypto-theft-macos-rustbucket-droppers-pivot-to-deliver-kandykorn-payloads/>

“BlueNoroff: new Trojan attacking macOS users,” Kaspersky Lab, 5 December 2023

Summary: A recently-discovered new variety of malware targeting macOS that is linked to BlueNoroff and its ongoing campaign, RustBucket. The new malware variety was identified inside a ZIP archive that contained a PDF file named “Crypto-assets and their risks for financial stability,” and appears to have been created on 21 October 2023.

Link: <https://securelist.com/bluenoroff-new-macos-malware/111290/>

“Analysis of North Korean Hackers’ Targeted Phishing Scams on Telegram,” SlowMist, 6 December 2023

Summary: The Lazarus Group has conducted a widespread phishing operation on Telegram since 2022, specifically targeting the cryptocurrency industry. The DPRK cyber actors impersonate reputable investment institutions, establishing fake Telegram accounts in these entities’ names, to execute phishing scams against various cryptocurrency and decentralized finance project teams by reaching out to discuss potential investment opportunities and scheduling a video meeting. As part of this process, the DPRK actors attempt to convince the victim to download a script, falsely claiming it’s necessary to enter the meeting room or otherwise providing malicious meeting links. The purpose of this malicious activity is to steal funds and/or information about the victims. [see also Annex 88]

Link: <https://slowmist.medium.com/analysis-of-north-korean-hackers-targeted-phishing-scams-on-telegram-872db3f7392b>

“Analysis of attack samples suspected of Lazarus (APT-Q-1) involving npm package supply chain,” QiAnXin Threat Intelligence Center, 7 December 2023

Summary: A batch of Lazarus Group downloader samples were recently discovered; they are loaded through multiple layers of nested PE files and ultimately download a payload from a C2 server and execute it. Of note, one of the C2 server IP addresses (IP address 91[.]206.178.125 of sample d8a8cc25bf5ef5b96ff7a64f663cbd29) identified by the Center was reportedly recently disclosed by the Phylum Research Team as used by the Lazarus Group in a software supply chain attack, in which the malware was delivered disguised as an encryption-related npm package. Other pieces of the malware code are also linked to previous Lazarus Group campaigns. Several of the C2 addresses featured in the report – including [https://blockchain-newtech.com/download/download\[.\]asp](https://blockchain-newtech.com/download/download[.]asp) and [https://chaingrown.com/manage/manage\[.\]asp](https://chaingrown.com/manage/manage[.]asp) – appear to be linked to the cryptocurrency industry.

Links: <https://mp.weixin.qq.com/s/f5YE12w3x3wad5EO0EB53Q>, <https://blog.phylum.io/crypto-themed-npm-packages-found-delivering-stealthy-malware/>

“Update to November’s Crypto-Themed npm Attack,” Phylum Research Team, 5 January 2023

Summary: Updating on Phylum’s 4 November 2023 report (see above) regarding a collection of npm packages involved in a complex attack chain, Phylum has identified nearly two dozen additional packages belonging to this still active campaign. Phylum further referenced the QiAnXin Threat Intelligence Center report (see above), “conclusively linking it to a North Korean APT.” Based on this determination and given that the package names were crypto-themed, Phylum assessed it was “increasingly apparent that the campaign’s ultimate objective was likely twofold: first, to gain persistent access to the systems of developers who installed these packages, and second, to leverage this access to infiltrate the broader organization these developers belong to—likely entities within the cryptocurrency sector. Presumably the end goal, given the recent history of North Korean hacking objectives, was to steal substantial cryptocurrency assets...”

Link: <https://blog.phylum.io/crypto-themed-npm-packages-found-delivering-stealthy-malware/>

Annex 100 – Reported BlueNoroff financial domain spoofing

Malicious domains	Genuine company	Jurisdiction
abf-cap[.]co	ABF Capital	Tokyo, Japan
deck[.]altairvc[.]com	Altair Capital	California, USA
down[.]altairvc[.]info	Altair Capital	California, USA
angelbridge[.]capital	Angel Bridge	Tokyo, Japan
vote[.]anobaka[.]info	ANOBACA	Tokyo, Japan
share[.]anobaka[.]info	Anobaka Venture Capital	Tokyo, Japan
cloud[.]anobaka[.]info	Anobaka Venture Capital	Tokyo, Japan
bankofamerica[.]tel	Bank of America	North Carolina, USA
bankofamerica[.]nyc	Bank of America	North Carolina, USA
bankofamerica[.]us[.]org	Bank of America	North Carolina, USA
beyondnextventures[.]co	Beyond Next Ventures	Tokyo, Japan
cloud[.]beyondnextventures[.]co	Beyond Next Ventures	Tokyo, Japan
cloud[.]daiwa[.]ventures	DG Daiwa Ventures	Tokyo, Japan
tet[.]dnx[.]capital	DNX Ventures	California, USA and Tokyo, Japan
cloud[.]dnx[.]capital	DNX Ventures	California, USA and Tokyo, Japan
cloud[.]espcapital[.]pro	ESP Capital	Ho Chi Minh City, Vietnam
down[.]espcapital[.]co	ESP Capital	Ho Chi Minh City, Vietnam
down[.]gpmtrait[.]co	Granite Point Mortgage Trust	New York, USA
down[.]gpmtrait[.]us	Granite Point Mortgage Trust	New York, USA
cloud[.]gpmtrait[.]co	Granite Point Mortgage Trust	New York, USA
web[.]gpmtrait[.]us	Granite Point Mortgage Trust	New York, USA
down[.]j-ic[.]com	Japan Investment Corporation	Tokyo, Japan
internal[.]j-ic[.]co	Japan Investment Corporation	Tokyo, Japan
cloud[.]j-ic[.]co	Japan Investment Corporation	Tokyo, Japan
web[.]j-ic[.]co	Japan Investment Corporation	Tokyo, Japan
cloud[.]mekongcapital[.]net	Mekong Capital	Ho Chi Minh City, Vietnam
mufg[.]us[.]com	Mitsubishi UFJ Financial Group	Japan
mufg[.]yokohama	Mitsubishi UFJ Financial Group	Tokyo, Japan

cloud[.]mufg[.]tokyo	Mitsubishi UFJ Financial Group	Tokyo, Japan
mufg[.]tokyo	Mitsubishi UFJ Financial Group	Tokyo, Japan
mizuhogroup[.]us	Mizuho Financial Group	Tokyo, Japan
careers[.]mizuhogroup[.]us	Mizuho Financial Group	Tokyo, Japan
smbc[.]ltd	Sumitomo Mitsui Banking Corporation	Tokyo, Japan
smbcgroup[.]us	Sumitomo Mitsui Banking Corporation	Tokyo, Japan
smbc-vc[.]com	Sumitomo Mitsui Banking Corporation	Tokyo, Japan
tptf[.]us	Trans-Pacific Technology Fund	Taiwan Province of China
tptf[.]ltd	Trans-Pacific Technology Fund	Taiwan Province of China
it[.]zvc[.]capital	Z Venture Capital	Tokyo, Japan

Sources: <https://www.recordedfuture.com/north-korea-aligned-tag-71-spoofs-financial-institutions>,
<https://securelist.com/bluenoroff-methods-bypass-motw/108383/>

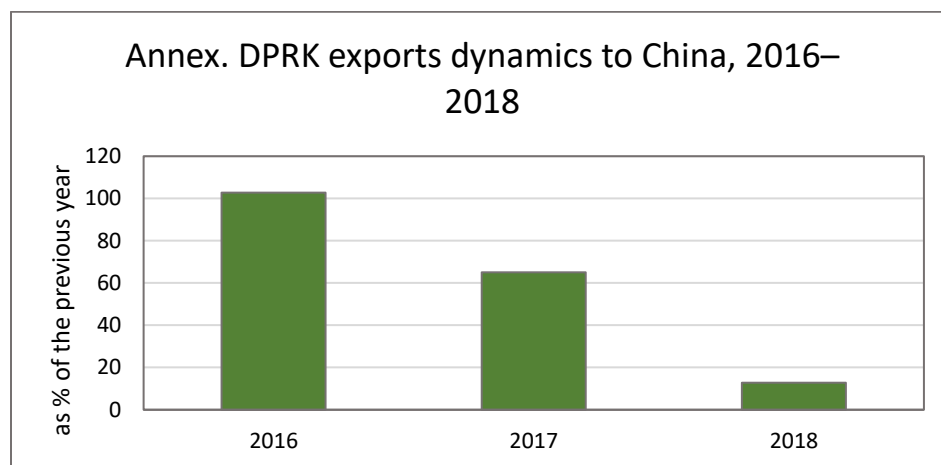
Annex 101 – Compilation of cybersecurity community’s effective practices

- Training:
 - Regular trainings for all organizational employees and contractors that cover basic security concepts, such as phishing, business email compromise, social engineering on social media, basic operational security, password security, etc., as well as foster an internal culture of security and cyber awareness.
 - New employees receive initial cybersecurity training shortly after onboarding.
 - Periodically conduct phishing exercises to raise awareness among employees about the risks of visiting websites, clicking on links, and opening attachments.
- Credentials:
 - Enable multifactor authentication (MFA) to protect against compromised user passwords.
 - Ensure passwords are of appropriate length and complexity.
 - Revoke credentials for departing employees.
 - Require unique and separate credentials for similar services and asset access on IT and operational technology networks, such that users do not (or cannot) reuse passwords for work accounts, applications, services, etc.
- Apply Zero Trust principles to limit the impact of an attack on an organization, including:
 - Explicitly verify users and devices before allowing access to resources.
 - Only allow the access privilege that is needed for a resource and no more.
 - Assume system defenses have been breached and systems may be compromised, and constantly monitor the environment for possible attack.
- Hardware, software, networks, and data:
 - Ensure effective encryption to maintain confidentiality of sensitive data and integrity of IT and operational technology traffic.
 - Keep systems up to date, including firmware, the operating system, and applications.
 - Protect data by identifying important data, its location, and whether the right defenses are implemented.
 - Organizations should disable HTML from being used in emails and scan email attachments.
 - Implement a system-enforced policy that disables Microsoft Office macros, or similar embedded code, by default on all devices.
 - Implement an administrative policy or automated process that requires administrative approval before new hardware, firmware, or software/software version is installed or deployed.
 - All systems that are necessary for operations are regularly backed up, and backups are stored separately from the source systems.
 - Collect and store access- and security-focused logs (e.g., intrusion detection systems/intrusion prevention systems, firewall, data loss prevention, virtual private network) for use in both detection and incident response activities (e.g., forensics).

-
- Store logs in a central system that can only be accessed or modified by authorized and authenticated users.
 - Maintain policies and processes to ensure that unauthorized media and hardware are not connected to IT and operational technology assets, such as by limiting use of USB devices and removable media or disabling AutoRun.
 - If you use Remote Desktop Protocol (RDP), or other potentially risky services, secure and monitor them closely.
 - Detection and response:
 - Install and regularly update antivirus and antimalware software on all hosts.
 - Use extended detection and response (XDR) and antimalware to detect and automatically block attacks and provide insights to the security operations software.
 - Create, maintain, and exercise a basic cyber incident response plan and associated communications plan.
 - Cryptocurrency-specific:
 - Only keep the necessary liquidity in hot wallet(s) and store the remainder of funds in cold/hardware wallets.
 - Implement multi-signature permissions on hot wallets along with a timed access/recovery feature.²⁸⁶
 - Enable MFA for software wallets and transactions as well as logins.
 - Validate social media accounts and check username handles for character/number substitutions or other special characters.
 - Always check URLs before clicking on a link, and watch redirects after clicking to make sure that the website is an official website, rather than a phishing site. Double-check web addresses of official websites.
 - Be cautious of contact that induces a sense of urgency to pressure victims into impulse actions and mistakes.
 - Consider anti-cryptomining and ad-blocker browser extensions that can detect and block malicious cryptomining.
 - Deploy continuous monitoring of network activities; unusual access attempts or patterns can indicate attempted attacks.
 - Conduct regular security audits to identify vulnerabilities.

Sources: Cybersecurity companies, Member State, Panel

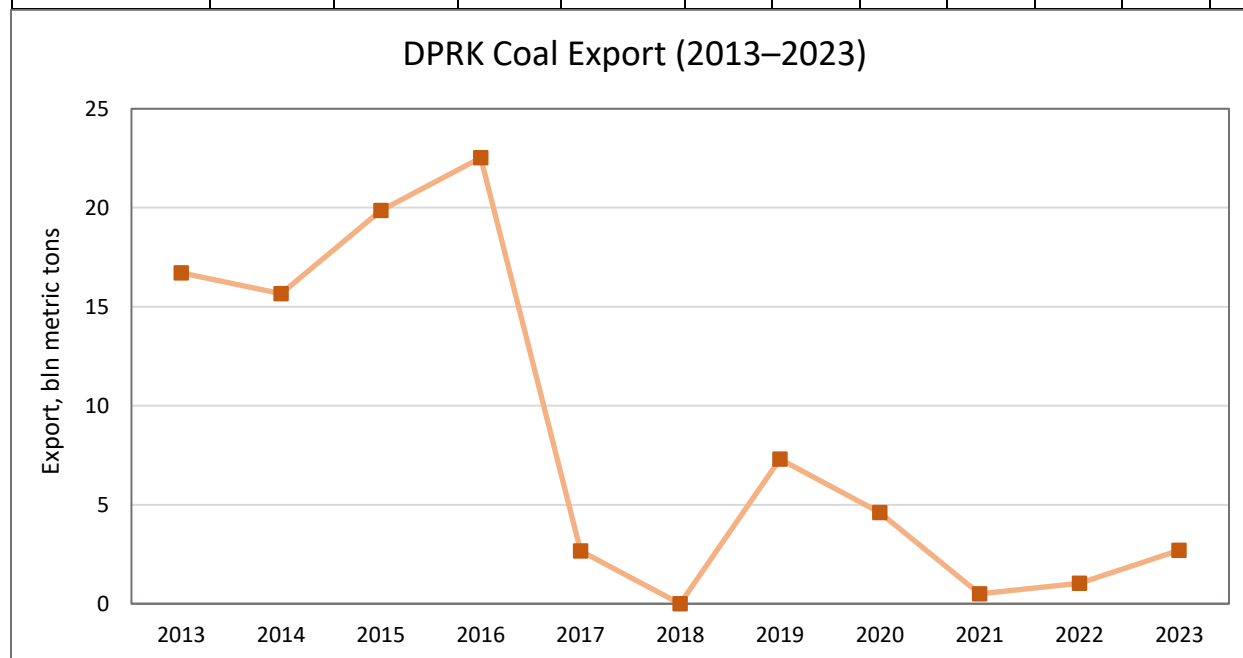
²⁸⁶ One cryptocurrency company that was the victim of a suspected DPRK heist in 2023 also recommended multi-signature permissions and a time-lock feature.

Annex 102: DPRK export earnings (registered) 2012–2023. bln USD**DPRK exports dynamics to China, 2016–2018**

Source: ITC Trade Map, Custom statistics of China, the Panel.

Annex 103: DPRK coal export (2013–2023)

Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Export, mln metric tons	16706,3	15654,2	19864	22521,5	2671	##	7300	4600	500	1035	2700



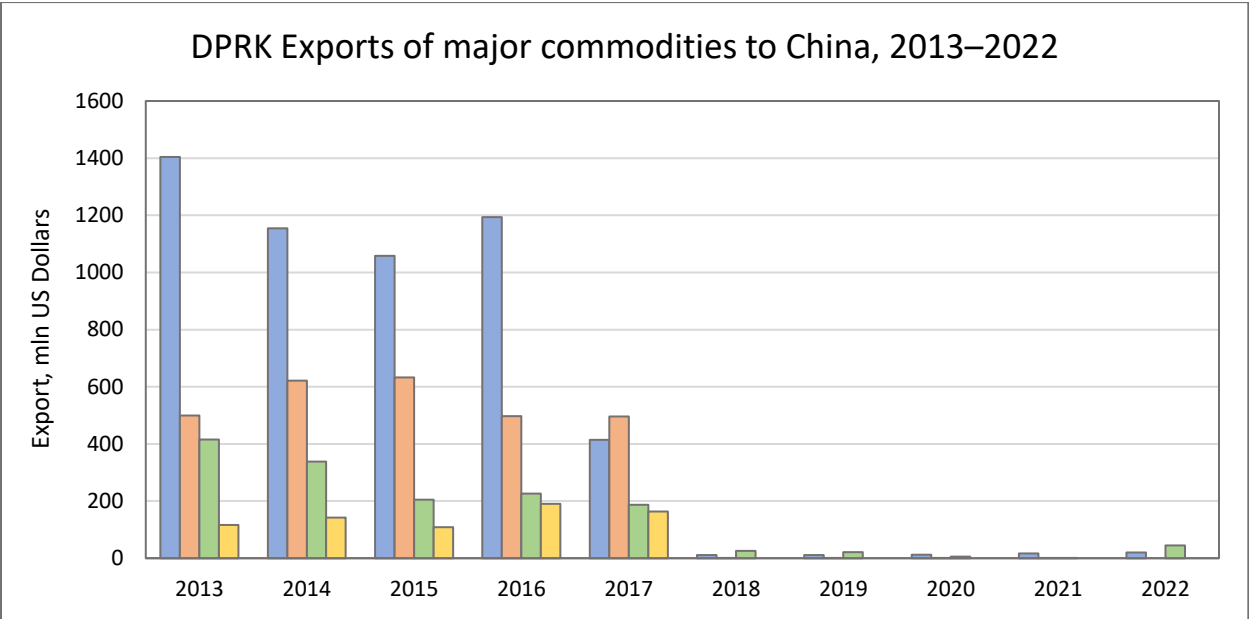
Source. **Energy Information Administration - EIA** - Official Energy Statistics from the **U.S.** Government

<https://www.eia.gov>

<https://svspb.net/norge/eksport-uglja.php?l=kndr>; The Panel,

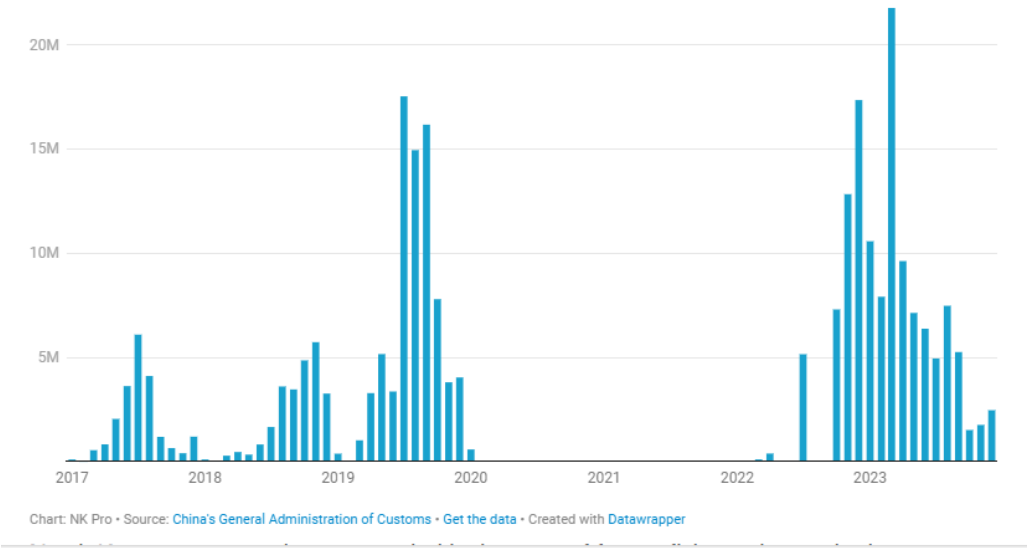
Annex 104: DPRK exports of major commodities to China and imports of Food

Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral ...	1404	1154	1058	1193	414	11	11	12	17	20
Articles of apparel and clothing accessories, not knitted or crocheted	499	622	633	497	497	0	0	0	0	0
Ores, slag and ash	415	339	205	227	187	25	21	6	1	45
Fish and crustaceans, molluscs and other aquatic invertebrates	116	143	108	190	163	0	0	0	0	0



Source: ITC World Trade Map (<https://www.trademap.org/Index.aspx>), Chinese Custom Statistics(<http://stats.customs.gov.cn/indexEn>), The Panel.

Imports of rice from China



Source: NK News

Annex 105: Estimates of DPRK energy supply

North Korean Annual Electricity Supply

Terawatt hours (TWh)

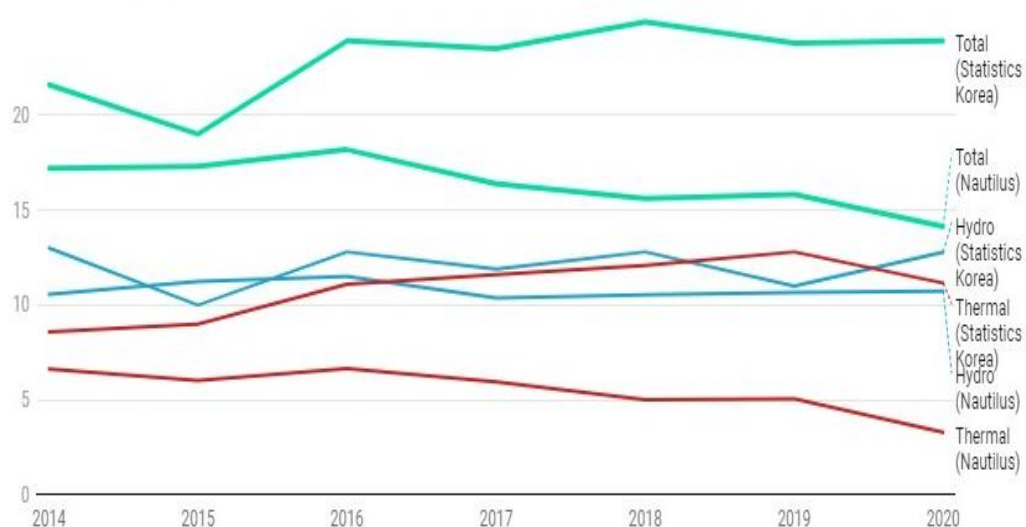


Figure 3. North Korean energy supply estimates from Statistics Korea and Nautilus Institute.

Chart: Martyn Williams / 38 North • Source: Statistics Korea and Nautilus Institute • Embed • Created with Datawrapper

Source: <https://www.38north.org/2023/03/north-koreas-energy-sector-defining-the-landscape/>

**Annex 106²⁸⁷: Excerpts from 2023 Report on North Korean Human Rights
Republic of Korea, Ministry of Unification, pp. 340-345**

D. Impact of Sanctions

In response to North Korea's July 4 and July 28, 2017 ballistic missile launches, the United Nations adopted Resolution 2371 on August 5, 2017, which imposed stricter economic sanctions on North Korea. The resolution's restrictions and prohibitions on economic cooperation had a significant impact on the establishment and operation of North Korea-China joint ventures. In the border regions of North Hamgyong and Ryanggang Provinces, a number of North Korean-Chinese joint ventures had been established and were operating; they paid their workers on time.

According to Resolution 2371, member states shall prohibit, by their nationals or in their territories, the opening of new joint ventures or cooperative entities with North Korean entities or individuals, or the expansion of existing joint ventures through additional investments, unlike North Korean-run enterprises. Nevertheless, there are reports of a rise in the number of joint ventures who were shut as a result of successive sanctions. For instance, a hotel in the city of Rason operated by a joint venture primarily relied on Chinese tourists. But after the sanctions, few Chinese tourists visited, making it difficult to pay employee wages. Moreover, a mining company in North Hamgyong Province that was operated as a joint venture with China reportedly experienced difficulties with wages and company rations following the imposition of sanctions.

Additionally, the restrictions on crude oil imports appear to have had an impact. In certain instances, mines, including coal mines, were closed due to fuel and electricity shortages.

Furthermore, it became difficult to import refined oil from China via small-scale smuggling. Consequently, residents who rely on motorcycles for transportation were affected. Multiple reports from North Koreans showed that around the same time, trading companies in the border region closed operations and the local economy deteriorated.

In the border region between North Korea and China, significant portion of the local population engaged in small-scale smuggling with China. However, the economic activities of the local populations were negatively

²⁸⁷ The Ministry of Unification is publishing the 2023 North Korean Human Rights Report to inform the public the overall human rights situation in North Korea. The report is significant as it is the first report published by the ROK Government in accordance with the North Korean Human Rights Act, enacted through bipartisan cooperation in 2016. The report demonstrates the Government's determination to make further efforts to substantially improve North Korean human rights. To reveal the recent reality of North Korean human rights, the report was written based on the testimonies of North Korean defectors. The recent North Korean human rights situations that occurred from 2017 to 2022 were documented in a balanced and objective way, while concentrating on actual cases adhering to human rights as stipulated in the International Covenant. Centered on the International Covenant on Civil and Political Rights (ICCPR) and the International Covenant on Economic, Social and Cultural Rights (ICESCR), women, children, and persons with disabilities are designated vulnerable groups.

(https://www.unikorea.go.kr/eng_unikorea/news/releases/?boardId=bbs_000000000000034&mode=view&cntId=54278&category=&pageIdx=)

affected by the tightening sanctions against North Korea, the installation of barbed wire along the border by North Korean authorities, and the enforcement of anti-smuggling measures. Defector testimony shows that to compensate for the decline in economic activity, the outsourcing industry for bond processing became more active.

The primary outsourced products were small-scale items such as summer hats, bags, wigs, and accessories. Further, reports indicate that People's Committees took the initiative, obtained permits, and operated these businesses.

Around 2014, eyelashes were the principal products of outsourcing industry in the border region. Workers were paid in Chinese Yuan based on the quantity of finished goods. After 2017, however, the form of payment was converted from cash to rice. 2.2kg of rice was paid for a summer straw hat with a brim length of 10cm, deducting 200g for each additional 1cm it fell short. Other testimony indicated that 1.5kg to 3kg of rice were paid per piece, depending on the tightness of the brim in 2019. Outsourced manufacturing also recently expanded from border regions to inland provinces, including South Pyongan and Hwanghae Provinces.

The decline in cross-border trade has also affected prices, leading to volatility. The price of fish and herbal medicines dropped because they were subject to export bans. The price of manufactured products, such as necessities and Chinese imports, rose considerably. In 2017, there was a sharp increase in the cost of food and essential necessities in Pyongyang, which locals attributed to sanctions, and they simultaneously experienced significant fluctuations in the currency exchange rate as well.

Other testimony indicated difficulty purchasing necessities due to the increased prices of Chinese imports in border regions. In 2018, after state-owned mining enterprises ceased operations in North Hamgyong Province, prices increased, making workers' lives extremely challenging. The ports of Nampo and Songlim, which were once active in trade with China, experienced a significant decrease in trade volumes.

"In the fall of 2018, the Musan Mine had to close down because there wasn't enough electricity or fuel. I don't know exactly when it was shut down, but it wasn't working when I left. So, the miners' food was cut off, and life got harder for them. Some of them made a living by using wooden boats to catch squid, or picking mushrooms in the

mountains. Also, because the sanctions stopped trade, the price of goods went up a lot. The cost of living increased, and many trading companies went out of business. Overall, Musan County became a hard place to live."

Source : https://www.unikorea.go.kr/eng_unikorea/news/Publications/ronkhr/

Annex 107: Questionnaire for humanitarian organizations that have worked in the DPRK

For this reporting period, the Panel again asked questions addressing the impact of COVID-19 and the closed borders on organizational operations, as well as each group's estimate of when they expect to resume operations in DPRK.

- 1) What is your assessment of the cumulative effect of UN sanctions on the humanitarian situation and humanitarian organizations' operations in the DPRK since 2018, and in particular in 2023? What sources of data and information do you draw from as the basis for this assessment?
- 2) What is your assessment of the overall consequences of COVID-19- related border closure and ongoing partial closure of the borders of the DPRK on the overall humanitarian situation and humanitarian organizations' operations in the DPRK? If possible, please include information or examples that support your assessment.
- 3) What has been the scope of your organization's operations in the DPRK since its borders were closed in early 2020, and in particular in 2023? Were you able to continue some humanitarian operations with local staff? What problems, if any, have you encountered? When, if at all, do you expect to be able to resume your operations in the DPRK? How do you see the future prospects of access to and within the DPRK? How are these prospects related to COVID factors, and what other factors are at play?
- 4) Please provide any detailed information about how the implementation of UN sanctions may have impacted your organization's humanitarian response in the DPRK, in particular in 2023.
- 5) If your operations require humanitarian exemption approvals from the 1718 Committee, has the approval process met your needs, in particular in 2023? What could be further improved in the exemption process or the sanctions regime itself that would better meet your operational needs and objectives in addressing the humanitarian problems of the DPRK?
- 6) The recommendations of the Panel of Experts in its latest Midterm Report (see <https://undocs.org/en/S/2023/656>, para.162 (b)) include a suggestion that "... relevant stakeholders practically consider the idea of exempting selected exports currently under sanctions, the proceeds of which might be used to finance humanitarian supplies". Do you have any ideas or suggestions as to how this measure can be implemented, and what is your assessment of the possible effects of such a mechanism?
- 7) UN Security Council resolution 2664 (2022) "directs these Committees, assisted by their respective panels of experts, to monitor the implementation of paragraph 1 of this resolution, including any risk of diversion", paragraph 1 of the same resolution having created an exception to the asset freeze imposed by paragraph 8(d) of resolution 1718 (2006) and subsequent resolutions, to permit "the provision, processing or payment of funds, other financial assets, or economic resources, or the provision of goods and services necessary to ensure the timely delivery of humanitarian assistance or to support other activities that support basic human needs". Are you aware of any such cases?
- 8) Implementation Assistance Notice No. 7 "Guidelines for Obtaining Exemptions to Deliver Humanitarian Assistance to the Democratic People's Republic of Korea" of the 1718 Committee (DPRK Sanctions) (IAN 7) recommends inclusion of measures to ensure that assistance to be provided to the DPRK are used as intended purposes and not diverted for prohibited purposes in humanitarian exemption requests submitted to the Committee. The Panel would welcome any available information about possible diversion, as background to its work.
- 9) Are there other issues, needs, or organizational viewpoints regarding the impact of UN sanctions on your work in the DPRK, especially within the past year, that you want to share with the Panel?

Annex 108: Responses from humanitarian organizations

The Panel has redacted humanitarian organizations' identities and other phrases which might jeopardize the safety of the relevant organizations and in a few cases on other grounds. The Panel takes no position on the responses provided by these organizations.

Organization 1

- 1) *What is your assessment of the cumulative effect of UN sanctions on the humanitarian situation and humanitarian organizations' operations in the DPRK since 2018, and in particular in 2023? What sources of data and information do you draw from as the basis for this assessment?*

The condition in the Democratic People's Republic of Korea (DPRK) is a protracted humanitarian situation characterized by chronic food insecurity and a lack of access to lifesaving essential services, including quality healthcare, with profound effects on the most vulnerable people. The 2023 Humanitarian Response Plan (HRP) estimated that 11.3 million people (over 4 out of 10 persons) need humanitarian assistance. Humanitarian operations in the DPRK therefore are a critical lifeline for millions of people. In addition, the country remains highly vulnerable to natural disasters including cyclones, floods, and drought, further exacerbating humanitarian needs amongst the most vulnerable. However, the effects of the UN sanctions have limited the scope and depth of the humanitarian response by the UN and other INGOs in the country. These effects manifest more in the areas of reduced access to donor funds, inability to transfer funds into the country (due to sanctions on banking channels) and restrictions on the importation of certain medical items/equipment into the country due to their inclusion in the sanctions list of prohibited items. Moreover, some manufacturers in Europe have recently refused to produce lifesaving medicines specifically for importation into the DPRK.

a. Lack of cash flow in the country (Donor funding and Cash transfer into the country)

Mobilization of funds has been difficult in the sanctions environment owing to the concern about inadvertently violating the sanctions imposed by the United Nations Security Council. On average, [Organization 1] requires about USD [number] million each year for its humanitarian interventions. In the past year, less than 50% of this funding was secured, resulting in reduced support for the provision of lifesaving humanitarian interventions in the country. In the same vein, it is almost impossible for UN Agencies and/or INGOs to transfer funds into the DPRK because of sanctions on international banking. UN Agencies in DPRK have stopped paying the salaries of their national personnel and meeting their rent liabilities due to the cash shortage in DPRK.

b. Restriction on Procurement/Supply of equipment

The UN Sanctions Committee's guidelines require that single and dual/multiple-use items containing metal components be approved for exemption by the Sanctions Committee. [Organization 1] has been diligently following the directives of the Sanctions Committee. The process of seeking clearances from the 1718 Committee for these items has resulted in delays or cancellation of procurement over the years. Prior to the implementation of sanctions on DPRK, [Organization 1] supported the strengthening of DPRK health facilities.. [Organization 1] has not been able to replenish items for these facilities, resulting in deterioration in service provision, which is having a negative impact on the health of the population in DPRK.

Furthermore, UN humanitarian programming requires a strong humanitarian needs overview. For this, generation of evidence-based data is indispensable, and this process requires the use of IT equipment to aid data capturing and analysis. In 2019, [Organization 1] was unable to implement its data-related programme due to the extended time required for obtaining exemptions of the procurement of IT equipment from the 1718 Committee and the U.S. Treasury Department for U.S. patented items (IT equipment), which was beyond the timeline of the programme. In addition, data-related support was not considered as humanitarian aid but rather as development assistance, which added further complexities for consideration by the Security Council. A ban on imports from many countries, complex licensing requirements, increased scrutiny of supplies passing through customs and logistical complexities also delay the importation and distribution of essential supplies.

- 2) *What is your assessment of the overall consequences of COVID-19-related border closure and ongoing partial closure of the borders of the DPRK on the overall humanitarian situation and humanitarian organizations' operations in the DPRK? If possible, please include information or examples that support your assessment.*

The COVID-19 pandemic, coupled with the strict preventive measures including border closure and in-country mobility restrictions put in place by the Government of DPRK in January 2020, led to a significant scale down of humanitarian interventions in health, agriculture, nutrition, water, and sanitation in the country. For example, in the health sector, import of critical life-saving commodities and equipment were stuck in China for over a year and a half with UN organizations, including [Organization 1], incurring significant demurrage charges. Earlier in 2023, the country experienced stock-out of all essential life-saving medical supplies. But the situation has eased with the exceptional clearances in late 2022 and resumption of sea and land-freight services and relaxation of the quarantine and disinfection rules in early 2023. Even bi-lateral trade has resumed and as per media reporting the imports were dominated by medicines and food (<https://www.eastasiaforum.org/2023/02/08/a-glimmer-of-hope-for-north-korea-in-2023/>).

The border closure that prevented international humanitarian workers, including UN staff, from entering the country has had a direct negative impact on the ability to mobilize funds for humanitarian interventions because of the reluctance of donors to commit funding to programmes in the absence of international personnel in the country. In the case of [Organization 1], humanitarian interventions continued using internal resources although they were insufficient to respond to the significant humanitarian needs, worsened by the COVID-19 pandemic.

- 3) *What has been the scope of your organization's operations in the DPRK since its borders were closed in early 2020, and in particular in 2023? Were you able to continue some humanitarian operations with local staff? What problems, if any, have you encountered? When, if at all, do you expect to be able to resume your operations in the DPRK? How do you see the future prospects of access to and within the DPRK? How are these prospects related to COVID factors, and what other factors are at play?*

COVID-19 related restrictions and the closure of the international borders have hampered humanitarian operations on the ground. The scope of the [Organization 1] programme has been limited to humanitarian interventions that could be implemented with minimal international presence, albeit with the adoption of some mitigation measures to reduce programme risks, including additional Standard Operating Procedures (SOPs) to streamline processes in the absence of international personnel and more monitoring visits with increased supporting documentation (including pictorial evidence by programme staff), among other measures. In 2022, [Organization 1] was also able to clear its humanitarian supplies that were stuck in [a third country] port for over 1.5 years because of the closure. In 2023, with the appropriate mobilization of our national personnel and adoption of some mitigation measures, we have been able to implement interventions focused on the procurement and distribution of life-saving commodities and medicines;

trainings of health personnel on key humanitarian interventions in areas within our mandate; and the printing and distribution of prior developed guidance documents and manuals that health workers need to continue to provide quality life-saving services.

All of the above actions were taken in response to the Government's request for support and our estimation of the absolute stock-out of lifesaving commodities and medicines related to our mandate in the country in the early part of the year. Other major activities have been put on hold until the border is re-opened to international UN personnel. We anticipate a high possibility of the borders being opened to the international humanitarian community, including the UN, from the first quarter of 2024. This expectation follows the Government's release of the final anti-epidemic measures on 4 December 2023. We do not know of any other factors that could delay the entry of international UN staff and personnel into the country at this time. In summary, [Organization 1] continues to be on standby for a possible re-entry of its international staff into the country to continue to provide needed services in our mandate areas to the most vulnerable.

- 4) *Please provide any detailed information about how the implementation of UN sanctions may have impacted your organization's humanitarian response in the DPRK, in particular in 2023.*

Due to the uncertain environment for importation of lifesaving goods and commodities in early 2023, [Organization 1] limited itself to the procurement of items not subjected to the UN sanctions to reduce overall transaction time. However, at least one manufacturer of lifesaving medicines in a European country refused procurement orders for shipment of medicines to DPRK citing the UN Security Council sanctions. There is a perception that the UN Security Council sanctions often lead to delays in the procurement process as even some freight forwarders refuse to take up related shipment contracts due to additional paperwork required to move goods into the DPRK. And those who accept the offers often charge higher freight costs for the shipments adding to the overall transaction costs for humanitarian service provision.

- 5) *If your operations require humanitarian exemption approvals from the 1718 Committee, has the approval process met your needs, in particular in 2023? What could be further improved in the exemption process or the sanctions regime itself that would better meet your operational needs and objectives in addressing the humanitarian problems of the DPRK?*

[Organization 1] appreciates the 1718 Committee for reducing the turnaround time for exemption approvals, for increasing the validity period of those exemptions and for providing flexibility in considering cases on an individual basis. To facilitate and strengthen the presence of UN organizations on the ground, it is nevertheless imperative to establish a viable banking channel for funds to be transferred into DPRK to enable the UN agencies to implement their respective programmes and respond to emerging humanitarian needs. Since early 2021, most UN organizations operating in Pyongyang have had to stop paying the salaries of national secondees, fuel costs and other office expenses due to the dearth of cash in the country. This has led to the accrual of significant debt locally. It would be helpful if the Sanctions Committee would help with an exception that supports the movement of funds into the DPRK to clear this backlog of debt owed to the national personnel and clear outstanding office rents and utilities.

In addition to the banking channel, UN organizations are required to go through the Sanctions Committee for exemption for items that have metal components, as there is a clause related to single/multiple use. Most of the health-related procurements have metal components and are classified as multiple use. Consideration for the waiver or a blanket approval, for example, for approved standardized medical kits that have been previously cleared by the inter-agency task force at UN HQs would provide more flexibility for response to humanitarian needs in the shortest possible time.

- 6) *The recommendations of the Panel of Experts in its latest Midterm Report (see <https://undocs.org/en/S/2023/656>, para.162 (b)) include a suggestion that “... relevant stakeholders practically consider the idea of exempting selected exports currently under sanctions, the proceeds of which might be used to finance humanitarian supplies”. Do you have any ideas or suggestions as to how this measure can be implemented, and what is your assessment of the possible effects of such a mechanism?*

Since the commencement of the new sanctions, the UN and other related agencies have limited support to relatively ‘soft’ forms of support compared to previous years. Prior to the strengthened sanctions, the UN had focused on ensuring strengthened health systems. [...]

Government investments in improving the health infrastructure, upgrading equipment and other necessities have been limited thus far and we believe the recommendation made in 162 (b) is positive and may empower the government in mobilizing its own resources to prioritize and address the pressing humanitarian and development needs facing the population.

Implementing this provision would require engagement with the Government and their willingness to follow-through. There needs to be clarity on how the entire process will be executed from the start to the end, which may require developing a road map and a MOU with the National Coordination Committee (NCC) of the DPRK MOFA on the terms and conditions that would guide the process. It is not often very easy for external parties to engage in such processes in DPRK so the RC may be designated to lead the discussion in-country with support from other UN Heads of Office in the country. The actual process may also be fashioned like the current process that UN agencies go through to get approval for imports supported by a strong system of oversight and monitoring.

- 7) *UN Security Council resolution 2664 (2022) “directs these Committees, assisted by their respective panels of experts, to monitor the implementation of paragraph 1 of this resolution, including any risk of diversion”, paragraph 1 of the same resolution having created an exception to the asset freeze imposed by paragraph 8(d) of resolution 1718 (2006) and subsequent resolutions, to permit “the provision, processing or payment of funds, other financial assets, or economic resources, or the provision of goods and services necessary to ensure the timely delivery of humanitarian assistance or to support other activities that support basic human needs”. Are you aware of any such cases?*

[Organization 1] is not aware of such cases being reported since the introduction of the resolution 2664. Though it was discussed and briefed by OCHA in the UNCT, there is a need for the implication of the resolution 2664 to be well articulated and itemized so all stakeholders fully understand the opportunities it is providing to support humanitarian interventions. We do not believe this is the case currently.

8) *Implementation Assistance Notice No. 7 “Guidelines for Obtaining Exemptions to Deliver Humanitarian Assistance to the Democratic People’s Republic of Korea” of the 1718 Committee (DPRK Sanctions) (IAN 7) recommends inclusion of measures to ensure that assistance to be provided to the DPRK are used as intended purposes and not diverted for prohibited purposes in humanitarian exemption requests submitted to the Committee. The Panel would welcome any available information about possible diversion, as background to its work.*

[Organization 1] is not aware of any diversion for other uses of items procured through [Organization 1] or any other Agency.

- 8) *Are there other issues, needs, or organizational viewpoints regarding the impact of UN sanctions on your work in the DPRK, especially within the past year, that you want to share with the Panel?*

Sensitization of donors on the wider context of humanitarian-development complementarity and its implications on the population and human development from a right-based perspective will be necessary so that donors are encouraged to support humanitarian initiatives that could lead to synergies that promote sustainable wellbeing of the people, especially the most vulnerable and hard to reach. In addition, the UN's efforts to strengthen data systems carry significant importance in identifying and understanding the humanitarian needs in the DPRK. Strengthening the data systems is crucial for effectively informing and shaping targeted strategies and interventions aimed at addressing the pressing needs of the population in the country. [Organization 1] would appreciate it if the Sanctions Committee could take this into consideration when reviewing applications for exemption approvals.

Organization 2

- 1) *What is your assessment of the cumulative effect of UN sanctions on the humanitarian situation and humanitarian organizations' operations in the DPRK since 2018, and in particular in 2023? What sources of data and information do you draw from as the basis for this assessment?*

The sanctions and closure of borders have challenged and, in some cases, limited the work of [Organisation 2] and other UN Agencies and humanitarian organizations. The nonexistence of international banking channels has further led to acute liquidity crunch and severely constrained the critical in-country activities. Concomitantly, with limited in-country funds, [Organisation 2]'s focus remained in supporting and responding to humanitarian crisis and emergencies, such as those caused by the COVID-19 pandemic, floods and typhoons, etc. Resultantly, there is dearth of resources needed to develop strategies enabling prevention and mitigation of shocks and emergencies, as demonstrated by the COVID-19 pandemic.

For instance, procurement got delayed due to the closure of borders and ultimately some items could not be procured.

These challenges further cascaded when some supplies and equipment got stranded at the [neighboring country] borders and not allowed to enter the country, thus incurring huge storage/demurrage/cold chain charges.

In 2023 due to the sanctions and national restrictions at borders, there were limitation in procurement of items and such procurement was limited to items which do not require sanction clearance.

The source of information is from the list of items that have been delivered to the country.

- 2) *What is your assessment of the overall consequences of COVID-19- related border closure and ongoing partial closure of the borders of the DPRK on the overall humanitarian situation and humanitarian organizations' operations in the DPRK? If possible, please include information or examples that support your assessment.*

[See also response under 1) above]

In January 2020 the Government of DPRK closed its international borders (air, sea, and land) in an attempt to prevent the entry of the novel coronavirus into the country when WHO declared the COVID- 19 outbreak to be a pandemic. Currently, the borders are open although the movement of people is restricted to DPRK nationals and diplomats from few countries. Supply of goods via all routes (sea, rail, land and air) has resumed but still require advance approvals and greenlight. All quarantine requirements, including for people and goods have been lifted with the exception of people with symptoms of respiratory infection. This is a positive step and an indication that the country may be moving towards opening of the border to international personnel.

The strict restrictions on cross-border movement have a profound negative impact on the flow of supplies, which the DPRK population heavily relied on to supplement the government initiatives to meet needs of its vulnerable population.

To reiterate, several shipments of essential and critical equipment that [Organisation 2] procured, most of which were approved by the UN Sanctions Committee were held up at different locations incurring large expenses on storage charges and customs demurrage. Several shipments expired while being held up, costing more money to dispose such shipments. Some shipments had to be re-routed to other countries, causing an additional financial burden for [Organisation 2].

DPRK has been subject to a range of international sanctions imposed by various countries and international organizations. These sanctions have had several operational implications, Some key operational implications are:

Challenges stemming from sanctions:

Economic Isolation: DPR Korea's economy has been heavily impacted by sanctions. These measures restrict trade, foreign investment, and access to international financial institutions, leading to economic isolation.

Humanitarian Concerns: Sanctions can inadvertently affect the humanitarian situation in DPR Korea by limiting the flow of essential goods like food and medicine. There are concerns that these sanctions could harm ordinary citizens.

One of the major challenges in [Organisation 2]'s work in DPRK has been the absence of a viable banking channel to transfer much needed funds for in-country operations and programmatic implementation. This has a significant negative impact on [Organisation 2]activities, and a quick and efficient solution is required to be found. This also negatively impact international staff to meet their daily subsistence expenses like accommodation, food, and other personal expenses.

Diplomatic Standoff: Sanctions have been a point of contention between DPR Korea and the international community, leading to a diplomatic standoff and hampering efforts to engage in dialogue and negotiations.

- 3) *What has been the scope of your organization's operations in the DPRK since its borders were closed in early 2020, and in particular in 2023? Were you able to continue some humanitarian operations with local staff? What problems, if any, have you encountered? When, if at all, do you expect to be able to resume your operations in the DPRK? How do you see the future prospects of access to and within the DPRK? How are these prospects related to COVID factors, and what other factors are at play?*

In the absence of any international staff present in the country for about three years, operations were remotely managed. There is a presence of national seconded staff, who remained distantly driven. The implementation of technical activities however, got severely impacted.

There were certain difficulties encountered as during the year 2021 and early 2022 the borders and ports were closed due to pandemic which impacted in delivering supplies to the country. Also due to the sanctions imposed on certain items, the procurements are delayed.

The preparation of the required documentation for the UN Sanctions Committee is lengthy and requires several levels of consultations.

As of now, there is no concrete information from the Government on the boarder reopening for internationals. However, with WHO's declaration of COVID-19 no longer a public health emergency of international concern, it is anticipated that the Government may consider completely opening its borders in the near future. With this assumption, the UN Agencies have already started working on a return plan. If all goes well and the physical presence of international staff is allowed, the normal operations will be resumed.

- 4) *Please provide any detailed information about how the implementation of UN sanctions may have impacted your organization's humanitarian response in the DPRK, in particular in 2023.*

With the decision of the Government to limit the presence of international staff, primarily due to the limitation of in-country operations as a result of the lack of an international banking channel, the capacity of [Organisation 2] was markedly reduced even before the pandemic.

Limited capacity due to suboptimal staff presence led to challenges in providing the initial emergency support to the country. This got further aggravated when all international staff had to leave the country.

In 2023 the procurement was mostly done for consumables and equipment which did not require sanction clearance.

- 5) *If your operations require humanitarian exemption approvals from the 1718 Committee, has the approval process met your needs, in particular in 2023? What could be further improved in the exemption process or the sanctions regime itself that would better meet your operational needs and objectives in addressing the humanitarian problems of the DPRK?*

[Organisation 2] has been able to obtain humanitarian exemption approvals from the 1718 committee in the past as required, generally on a fast-track process, whenever required. [Organisation 2] also appreciate the fact that the exemptions may now be provided for a period longer than 6 months (i.e., up to 18 months) for instance when the applicant provides a well-founded justification such as transportation delays. This development is very helpful and welcome. Thanks to the quick approval process used during the pandemic,

[Organisation 2] requests to procure emergency supplies were approved within 4 days, which is a positive example of the UN Sanctions Committees flexibility and understanding of the severity of the situation.

- 6) *The recommendations of the Panel of Experts in its latest Midterm Report (see <https://undocs.org/en/S/2023/656>, para.162 (b)) include a suggestion that "... relevant stakeholders practically consider the idea of exempting selected exports currently under sanctions, the proceeds of which might be used to finance humanitarian supplies". Do you have any ideas or suggestions as to how this measure can be implemented, and what is your assessment of the possible effects of such a mechanism?*

The Panel's recommendation is a welcome move if considered. It would be good to know the selected exports under sanctions that will be considered for exemption. without which it will be difficult to comment or suggest how the proceeds for financing humanitarian supplies will be utilized.

- 7) *UN Security Council resolution [2664 \(2022\)](#) "directs these Committees, assisted by their respective panels of experts, to monitor the implementation of paragraph 1 of this resolution, including any risk of diversion", paragraph 1 of the same resolution having created an exception to the asset freeze imposed by paragraph 8(d) of resolution 1718 (2006) and subsequent resolutions, to permit "the provision, processing or payment of funds, other financial assets, or economic resources, or the provision of goods and services necessary to ensure the timely delivery of humanitarian assistance or to support other activities that support basic human needs". Are you aware of any such cases?*

We currently have no knowledge of any such instances.

- 8) *Implementation Assistance Notice No. 7 "Guidelines for Obtaining Exemptions to Deliver Humanitarian Assistance to the Democratic People's Republic of Korea" of the 1718 Committee (DPRK Sanctions) (IAN 7) recommends inclusion of measures to ensure that assistance to be provided to the DPRK are used as intended purposes and not diverted for prohibited purposes in humanitarian exemption requests submitted to the Committee. The Panel would welcome any available information about possible diversion, as background to its work.*

There is no information available regarding any diversion of the humanitarian support provided by [Organisation 2].

- 9) *Are there other issues, needs, or organizational viewpoints regarding the impact of UN sanctions on your work in the DPRK, especially within the past year, that you want to share with the Panel?*

One of the major challenges in [Organisation 2]'s work in DPRK has been the absence of a viable banking channel to transfer much needed funds for in-country operations and programmatic implementation. This has a significant negative impact on [Organisation 2] activities, and a quick and efficient solution is required to be found. This also negatively impact international staff to meet their daily subsistence expenses like accommodation, food, and other personal expenses.

[Organisation 2] also appreciates the fact that the exemptions may now be provided for a period longer than 6 months (i.e., up to 18 months) for instance when the applicant provides a well-founded justification such as transportation delays. This development is very helpful and welcome.

Organization 3

1) What is your assessment of the cumulative effect of UN sanctions on the humanitarian situation and humanitarian organizations' operations in the DPRK since 2018, and in particular in 2023? What sources of data and information do you draw from as the basis for this assessment?

The lack of access for international personnel to DPRK since 2020 makes it impossible to accurately assess the humanitarian situation inside the country. It has not been possible to undertake any assessments of the humanitarian situation and it would therefore be difficult to assess any impact of sanctions at this time. The continued lack of an adequate banking channel to facilitate local payments results in a need for Government willingness to accrue certain costs for future repayment on behalf of international humanitarian agencies.

2) What is your assessment of the overall consequences of COVID-19- related border closure and ongoing partial closure of the borders of the DPRK on the overall humanitarian situation and humanitarian organizations' operations in the DPRK? If possible, please include information or examples that support your assessment.

As noted in the previous answer, the lack of access for international personnel to DPRK since 2020 makes it impossible to accurately assess the humanitarian situation inside the country.

The continued closure of borders for international personnel has created constraints on the ability to effectively provide comprehensive technical assistance, policy-related and strategic guidance or invest in national capacities in a fully effective manner. The ability to fully monitor implementation of humanitarian programmes has also been constrained. Specific concerns are noted in the uninterrupted availability of routine vaccines, although supply chains in this case are more affected by domestic customs regulations applied by the [neighboring country] than by constraints created by the DPRK border closures, and a shortfall in donor resources which has impacted procurement of sufficient critical supplies to treat the full target number of children and women affected by malnutrition.

3) What has been the scope of your organization's operations in the DPRK since its borders were closed in early 2020, and in particular in 2023? Were you able to continue some humanitarian operations with local staff? What problems, if any, have you encountered? When, if at all, do you expect to be able to resume your operations in the DPRK? How do you see the future prospects of access to and within the DPRK? How are these prospects related to COVID factors, and what other factors are at play?

Our organization has maintained a limited level of humanitarian programming despite the border closures, with a focus on provision of essential life-saving supplies in the health, nutrition and water and sanitation sectors. Implementation is overseen by seconded national staff, with technical guidance and management support provided by a small team of international personnel based outside the DPRK. Main challenges have related to independent oversight of implementation, with monitoring and reporting led by national seconded staff and Government technical partners. General easing of restrictions on importation of supplies has improved our ability to provide more systematic and timely humanitarian assistance, with reductions in risk of stockouts of key products especially in the health and nutrition sectors. Our organization is prepared and ready to return to the DPRK upon formal invitation from the Government and anticipates that it can resume full operations within

two months of such an invitation being received. Timing of such a return will be solely dependent on the willingness of the DPRK Government to extend an invitation to all UN entities to return to the country.

4) Please provide any detailed information about how the implementation of UN sanctions may have impacted your organization's humanitarian response in the DPRK, in particular in 2023.

The provision of life-saving supplies has not been impacted by the implementation of sanctions, however restrictions on financial transfers to the DPRK has created impediments to maintaining sufficient cash liquidity inside the country to cover operational and local programme implementation costs. Our organization has relied on agreements with the host country to provide local currency in return for payment of some of the Government's international financial obligations offshore.

5) If your operations require humanitarian exemption approvals from the 1718 Committee, has the approval process met your needs, in particular in 2023? What could be further improved in the exemption process or the sanctions regime itself that would better meet your operational needs and objectives in addressing the humanitarian problems of the DPRK?

Our organization has experienced no challenges related to the exemption process, which has worked well and been flexible in responding to our organization's requests.

6) The recommendations of the Panel of Experts in its latest Midterm Report (see <https://undocs.org/en/S/2023/656>, para.162 (b)) include a suggestion that "... relevant stakeholders

practically consider the idea of exempting selected exports currently under sanctions, the proceeds of which might be used to finance humanitarian supplies". Do you have any ideas or suggestions as to how this measure can be implemented, and what is your assessment of the possible effects of such a mechanism?

Our organization has no view on this issue.

7) UN Security Council resolution 2664 (2022) "directs these Committees, assisted by their respective panels of experts, to monitor the implementation of paragraph 1 of this resolution, including any risk of diversion", paragraph 1 of the same resolution having created an exception to the asset freeze imposed by paragraph 8(d) of resolution 1718 (2006) and subsequent resolutions, to permit "the provision, processing or payment of funds, other financial assets, or economic resources, or the provision of goods and services necessary to ensure the timely delivery of humanitarian assistance or to support other activities that support basic human needs". Are you aware of any such cases?

As noted in a previous answer, our organization has been able to provide a range of essential life-saving humanitarian supplies in the health, nutrition and water and sanitation sectors.

These have included routine vaccines, therapeutic food products and micronutrient supplements, TB and malaria testing, treatment and prevention supplies, equipment for maternal and neonatal facilities, essential medicines, and equipment to strengthen delivery of safe water and sanitation at community level.

8) *Implementation Assistance Notice No. 7 “Guidelines for Obtaining Exemptions to Deliver Humanitarian Assistance to the Democratic People’s Republic of Korea” of the 1718 Committee (DPRK Sanctions) (IAN 7) recommends inclusion of measures to ensure that assistance to be provided to the DPRK are used as intended purposes and not diverted for prohibited purposes in humanitarian exemption requests submitted to the Committee. The Panel would welcome any available information about possible diversion, as background to its work.*

Our organization is not aware of any diversion of humanitarian assistance. Our organization works with national partners to obtain regular field monitoring reports, supported by photographic evidence and stock reports, to account for distribution of supplies and triangulates reports with caseload information and other data to apply a limited level of monitoring assurance.

9) *Are there other issues, needs, or organizational viewpoints regarding the impact of UN sanctions on your work in the DPRK, especially within the past year, that you want to share with the Panel?*

No.

Organization 4

1. What is your assessment of the cumulative effect of UN sanctions on the humanitarian situation and humanitarian organizations' operations in the DPRK since 2018, and in particular in 2023? What sources of data and information do you draw from as the basis for this assessment?

In the current situation of the country's self-imposed border closure and self-imposed import restrictions, we deem that the UN sanctions currently do not have a major direct effect on the humanitarian situation. On the other hand, we can assume that the humanitarian impact of the DPRK's continued self-isolation despite the end of the COVID-19 pandemic is severe and threatens to undo some of the progress made in areas such as food security, nutrition and health. However, it has to be noted that any assessment of the impact within the DPRK of the country's border closure is based on assumptions rather than evidence at this point. No foreigner has visited the areas outside Pyongyang since 22 January 2020. Very little reliable information trickles out of the country.

2) What is your assessment of the overall consequences of COVID-19- related border closure and ongoing partial closure of the borders of the DPRK on the overall humanitarian situation and humanitarian organizations' operations in the DPRK? If possible, please include information or examples that support your assessment.

The restricted movement of people is a concern especially for those requiring medical treatment, be it for chronic conditions, severe acute malnutrition (children) or tuberculosis. The supply of medical equipment and drugs is another concern. None of the international humanitarian actors that used to support the country's health system has been able to import and distribute any goods since June 2020. The World Food Programme informed that it has exhausted its in-country stocks in March 2021 and will only take up activities when access to the DPRK is granted to its international staff. The strict border closure further affected the livelihood of small traders and industries relying on cross-border trade and imported goods. It is unclear to what extent the rebound of trade activity with [a neighboring country] eased this situation.

3. What has been the scope of your organization's operations in the DPRK since its borders were closed in early 2020, and in particular in 2023? Were you able to continue some humanitarian operations with local staff? What problems, if any, have you encountered? When, if at all, do you expect to be able to resume your operations in the DPRK? How do you see the future prospects of access to and within the DPRK? How are these prospects related to COVID factors, and what other factors are at play?

The COVID-19 pandemic preventive measures taken by the DPRK Government have strongly affected the ability of [Organisation 4], the UN system and other international actors to deliver humanitarian goods and assistance.

[Organisation 4] had to put its activities in the DPRK on hold (we refer here to our previous responses from [month] 2021 for the detailed timeline). The office in Pyongyang is running with minimal staffing looking after the maintenance of the premises and other assets. The last international humanitarian worker left Pyongyang in March 2021. An independent monitoring of the situation is impossible.

A positive development has been the delivery to DPRK in [month] 2022 of a stock of PPE gear (Personal Protective Equipment) destined for hospitals. It received clearance at the [neighboring country] border, where it was blocked since August 2020. The only activity supported by [Organisation 4] in the DPRK is a project on strengthening essential nutrition services, implemented by UNICEF local staff.

The first and main condition to be able to resume humanitarian operations in the DPRK will be the reopening of borders. As long as they are closed and no international staff is allowed to enter into DPRK, the current minimal

activities (maintenance of the premises and other assets) will continue. As for now, there is no signal for any development in that direction or a time horizon for a potential reopening of the border. Without such a signal, it is difficult and too early to assess the level of operations that will take place once they could resume. Their feasibility and the DPRK humanitarian needs at that moment will have to be taken into account.

4. *Please provide any detailed information about how the implementation of UN sanctions may have impacted your organization's humanitarian response in the DPRK, in particular in 2023.*

As stated above, the strict border closure imposed by DPRK has had more impact on the difficulties to respond to COVID-19 than the UN sanctions. For example, the stock of PPE gear was allowed to enter into the country after waiting for clearance from the DPRK authorities for two years, meaning the humanitarian exemption from the 1718 Committee had to be extended several times.

5. *If your operations require humanitarian exemption approvals from the 1718 Committee, has the approval process met your needs, in particular in 2023? What could be further improved in the exemption process or the sanctions regime itself that would better meet your operational needs and objectives in addressing the humanitarian problems of the DPRK?*

In some cases in the past, the approval process was lengthy and required a lot of information to be collected. However, there has been a significant improvement in the approval process for humanitarian exemptions in the course of the last years. We are satisfied with the procedures, and welcome the 1718 Committee's update of the IAN7 specifying the implementation of Resolution 2664 in the context of the DPRK. We welcome the joint call to work together to sustainably resolve the banking channel. This matter has further increased in urgency, as cash-carry in the current situation is not a feasible option.

6. *The recommendations of the Panel of Experts in its latest Midterm Report (see <https://undocs.org/en/S/2023/656>, para.162 (b)) include a suggestion that "... relevant stakeholders practically consider the idea of exempting selected exports currently under sanctions, the proceeds of which might be used to finance humanitarian supplies". Do you have any ideas or suggestions as to how this measure can be implemented, and what is your assessment of the possible effects of such a mechanism?*

We welcome initiatives aimed at facilitating the provision of humanitarian aid, while attaching the utmost importance to the proper implementation of UN sanctions. At this stage, we do not have specific elements to share regarding the Panel of Experts' recommendation.

7. *UN Security Council resolution 2664 (2022) "directs these Committees, assisted by their respective panels of experts, to monitor the implementation of paragraph 1 of this resolution, including any risk of diversion", paragraph 1 of the same resolution having created an exception to the asset freeze imposed by paragraph 8(d) of resolution 1718 (2006) and subsequent resolutions, to permit "the provision, processing or payment of funds, other financial assets, or economic resources, or the provision of goods and services necessary to ensure the timely delivery of humanitarian assistance or to support other activities that support basic human needs". Are you aware of any such cases?*

We are not aware of any instance in which the provision, processing or payment of funds, other financial assets or economic resources, or the provision of goods and services necessary to ensure the timely delivery of humanitarian assistance or to support other activities aimed at meeting basic human needs may have been carried out under UN Security Council Resolution 2664. Consequently, we cannot estimate the risks of diversion.

8. *Implementation Assistance Notice No. 7 “Guidelines for Obtaining Exemptions to Deliver Humanitarian Assistance to the Democratic People’s Republic of Korea” of the 1718 Committee (DPRK Sanctions) (IAN 7) recommends inclusion of measures to ensure that assistance to be provided to the DPRK are used as intended purposes and not diverted for prohibited purposes in humanitarian exemption requests submitted to the Committee. The Panel would welcome any available information about possible diversion, as background to its work.*

We have no information on this subject.

9. *Are there other issues, needs, or organizational viewpoints regarding the impact of UN sanctions on your work in the DPRK, especially within the past year, that you want to share with the Panel?*

There is room for improvement in the implementation of sanctions as follows:

- (i) establishment of a humanitarian international banking channel, and we refer here to our letter of [month] 2022 on that matter. We need a way to legally bring cash into DPRK to be able to pay local expenses. Without being able to pay our debts, we put at risk our cooperation with local partners.
- (ii) consideration of a “green list” of humanitarian goods for which multi-year exemptions could be granted (for example: water pipes, plastic sheeting for agriculture, personal protective equipment etc.).

Organization 5

1) *What is your assessment of the cumulative effect of UN sanctions on the humanitarian situation and humanitarian organizations operations in the DPRK since 2018, and in particular in 2023? What sources of data and information do you draw from as the basis for this assessment?*

We observe no changes.

2) *What is your assessment of the overall consequences of COVID-19- related border closure and ongoing partial closure of the borders of the DPRK on the overall humanitarian situation and humanitarian organizations operations in the DPRK? If possible, please include information or examples that support your assessment.*

We observe no changes. No updated data is available about new COVID-19 cases.

3) *What has been the scope of your organizations operations in the DPRK since its borders were closed in early 2020, and in particular in 2023? Were you able to continue some humanitarian operations with local staff? What problems, if any, have you encountered? When, if at all, do you expect to be able to resume your operations in the DPRK? How do you see the future prospects of access to and within the DPRK? How are these prospects related to COVID factors, and what other factors are at play?*

No changes. Still access to information or local exchanges with counterparts are blogged. We don't expect any loosening up of present situation in the near future.

4) *Please provide any detailed information about how the implementation of UN sanctions may have impacted your organization s humanitarian response in the DPRK, in particular in 2023.*

No changes, main obstacles lies with situation of our counterparts.

5) *If your operations require humanitarian exemption approvals from the 1718 Committee, has the approval process met your needs, in particular in 2023? What could be further improved in the exemption process or the sanctions regime itself that would better meet your operational needs and objectives in addressing the humanitarian problems of the DPRK?*

No changes. Exemption process nor sanctions are main cause for blockage of humanitarian aid activities.

6) *The recommendations of the Panel of Experts in its latest Midterm Report (see <https://undocs.org/en/S/2023/656>, para.162 (b)) include a suggestion that ... relevant stakeholders practically consider the idea of exempting selected exports currently under sanctions, the proceeds of which might be used to finance humanitarian supplies¹¹. Do you have any ideas or suggestions as to how this measure can be implemented, and what is your assessment of the possible effects of such a mechanism?*

See above reply.

7) *UN Security Council resolution 2664 (2022) directs these Committees, assisted by their respective panels of experts, to monitor the implementation of paragraph 1 of this resolution, including any risk of diversion", paragraph 1 of the same resolution having created an exception to the asset freeze imposed by paragraph 8(d) of resolution 1718 (2006) and subsequent resolutions, to permit the provision, processing or payment of funds, other financial assets, or economic resources, or the provision of goods and services necessary to ensure the timely delivery of humanitarian assistance or to support other activities that support basic human needs¹¹ Are you aware of any such cases?*

We follow the principles of transparency in our humanitarian aid approach. Without possibility of a proper needs assessment and monitoring any aids on the ground we are not able to make any further decisions on humanitarian assistance.

8) *Implementation Assistance Notice No. 7 Guidelines for Obtaining Exemptions to Deliver Humanitarian Assistance to the Democratic Peoples Republic of Korea" of the 1718 Committee (DPRK Sanctions) (IAN 7) recommends inclusion of measures to ensure that assistance to be provided to the DPRK are used as intended purposes and not diverted for prohibited purposes in humanitarian exemption requests submitted to the Committee. The Panel would welcome any available information about possible diversion, as background to its work.*

We have experiences in the difficulties with monitoring our assistance in the past. We made clear to our counterparts that without any minimum of access to information and monitoring on the ground we cannot decide on any cooperation.

9) *Are there other issues, needs, or organizational viewpoints regarding the impact of UN sanctions on your work in the DPRK, especially within the past year, that you want to share with the Panel?*

No further issues.

Annex 109: National implementation reports

List of questions enquired by the Panel to 62 Member States

To better understand and assist in facilitating NIR submissions, the Panel would be grateful for your competent authorities' responses to the following:

1. What are the reasons for your country's failure to submit NIR as required by UN sanctions resolutions?
2. What are the main difficulties and challenges your country encountered in preparing and submitting NIR?
3. Have your authorities approached the Secretariat of the Committee or the Panel of Experts requiring assistance in this process?
4. If your response is negative to Q3, please respond if your country plans to submit NIRs in the near future, to which the Panel is open to facilitating the necessary assistance for submission.

List of 62 Member States

- | | |
|--------------------------------------|------------------------------------|
| 1. Afghanistan | 32. Lesotho |
| 2. Antigua and Barbuda | 33. Liberia |
| 3. Bahamas | 34. Libya |
| 4. Bangladesh | 35. Malawi |
| 5. Barbados | 36. Mali |
| 6. Belize | 37. Mauritania |
| 7. Bhutan | 38. Federated States of Micronesia |
| 8. Bolivia | 39. Nauru |
| 9. Cabo Verde | 40. Nicaragua |
| 10. Cameroon | 41. Niger |
| 11. Central African Republic | 42. Palau |
| 12. Chad | 43. Papua New Guinea |
| 13. Comoros | 44. Saint Kitts and Nevis |
| 14. Congo (RP) | 45. Saint Lucia |
| 15. Côte d'Ivoire | 46. Samoa |
| 16. Democratic Republic of the Congo | 47. São Tomé and Príncipe |
| 17. Dominica | 48. Seychelles |
| 18. Eswatini | 49. Sierra Leone |
| 19. Fiji | 50. Solomon Islands |
| 20. Gabon | 51. Somalia |
| 21. Gambia | 52. South Sudan |
| 22. Ghana | 53. Suriname |
| 23. Grenada | 54. Syrian Arab Republic |
| 24. Guinea | 55. Timor-Leste |
| 25. Guinea-Bissau | 56. Tonga |
| 26. Haiti | 57. Trinidad and Tobago |
| 27. Honduras | 58. Tuvalu |
| 28. Iran | 59. United Republic of Tanzania |
| 29. Jamaica | 60. Yemen |
| 30. Kenya | 61. Zambia |
| 31. Kiribati | 62. Zimbabwe |

Annex 110: Member States' replies to the Panel's questionnaire

Email from the Permanent Mission of Kiribati and Kiribati's reply

From: Teburoro Tito <prun@...>
Sent: Wednesday, 06 December, 2023 5:59 PM
To: DPPA-POE1874 <dppa-poe1874@un.org>
Subject: NIRs from Kiribati on SC Sanctions on DPRK

Dear Sir/Madam

Thank you for your email regarding the above matter. On behalf of the government of the Republic of Kiribati, I would like to convey the following in response to the questions raised in your email.

1. Kiribati does not have the required staff number and expertise to handle all the reporting work that the United Nations requires from all member states.
2. Kiribati has not approached the Secretariat of the Committee or the Panel of Experts for assistance in this area.
3. The Government is currently implementing its plans to strengthen its Foreign Affairs staffing from early next year to enable the Government through the Ministry of Foreign Affairs to meet its reporting obligations especially on Security Council resolutions. As part of this capacity building programme, the government request the Secretariat if it could provide an internship training programme to familiarize the staff responsible for NIR with the work of the Security Council and its reporting requirements.

Best regards.



Teburoro Tito (Mr.)

Ambassador to the US and Permanent Representative to the UN
KIRIBATI MISSION TO THE UNITED NATIONS
685 Third Avenue, Suite 1109
New York, N.Y. 10017
Tel: (212) 867-3310 Fax: (212) 867-3320

Ministry of Foreign Affairs and Immigration

www.mfa.gov.ki

Phone No: 75021342, 75021368, 75021365

Letter from the Permanent Mission of Barbados and Barbados' reply



Permanent Mission of Barbados to the United Nations

820 SECOND AVENUE, 9TH FLOOR, NEW YORK, N.Y. 10017
TEL. (212) 551-4300
EMAIL: prun@foreign.gov.bb

4 January 2024

██████████
Acting Coordinator of the Panel of Experts
established pursuant to Security Council Resolution 1874 (2009)
United Nations Headquarters
New York, New York 10017

Dear Madam,

Reference is made to your correspondence No. S/AC.49/2023/PE/OC.468 dated 6 December 2023 regarding the submission of national implementation reports of the sanctions imposed on the Democratic People's Republic of Korea.

Forwarded for your attention is the response of the Government of Barbados. Should you wish to follow-up on the aforementioned correspondence, kindly contact Melissa Straker-Taylor (email: mtaylor@foreign.gov.bb).

Please accept the assurances of my highest consideration.



Melissa Straker-Taylor
Chargé d'Affaires a.i.

Enclosure.



MINISTRY OF FOREIGN AFFAIRS AND FOREIGN TRADE

#1 Culloden Road, St Michael, Barbados
Tel: (246) 535-6620 Fax: (246) 429-6652
Website: www.foreign.gov.bb



In replying to this letter please quote

REF. NO.: TRA 80/119 Vol. II

January 2, 2023

[REDACTED]
Acting Coordinator of the Panel of Experts
Established pursuant to Security Council Resolution 1874 (2009)
United Nations Headquarters
New York, NY
10017

Dear Madam,

SUBJECT: National Implementation Reports (NIR) to the Security Council

Reference is made to your correspondence (Reference No.: S/AC.49/2023/PE/OC.468), dated 6 December 2023.

The Ministry of Foreign Affairs and Foreign Trade (MFAFT) appreciates the ongoing efforts of the Panel of Experts established pursuant to United Nations (UN) Security Council resolution 1874 (2009) to gather, examine and analyse information regarding the implementation of the measures imposed on the Democratic People's Republic of Korea (DPRK) by Security Council resolutions 1718 (2006), 1874 (2009), 2087 (2013), 2094 (2013), 2270 (2016), 2321 (2016), 2356 (2017), 2371 (2017), 2375 (2017) and 2397 (2017), in particular incidents of non-compliance.

The MFAFT takes cognizance of the various UN sanctions resolutions which require Member States to submit national implementation reports (NIR) to the Security Council, and that regrettably, Barbados has not yet submitted any NIR to the Security Council.

In this regard, the MFAFT wishes to submit the following responses as requested within your correspondence:

1. "What are the reasons for your country's failure to submit NIR as required by UN sanctions resolutions?"
 - The MFAFT has received correspondence from the Panel of Experts (Ref. No.: S/AC.49/2023/PE/OC.110) dated 15 June 2023, indicating that trade data as reported by the International Trade

Centre (ITC) Trade Map for the period between October 2022 and March 2023, indicates the DPRK has transferred to Barbados items in the following categories subject to the sectoral sanctions pursuant to resolution 2397 (2017), 2375 (2017) and 2371 (2017): machinery, electrical equipment, textiles, iron and steel products.

- Since this time, Barbados has been investigating the trade data of the importation of these products with a view to responding to the Security Council.
2. "What are the main difficulties and challenges your country encountered in preparing and submitting NIR?"
- The main difficulty and challenge in Barbados preparing and submitting its NIR has been human resource challenges with regards to completing the investigation as outlined above.
3. "Have your authorities approached the Secretariat of the Committee or the Panel of Experts requiring assistance in this process?"
- Barbados has not approached the Secretariat of the Committee or the Panel of Experts requiring assistance in this process.
4. "If your response is negative to Q3, please respond if your country plans to submit NIRs in the near future, to which the Panel is open to facilitating the necessary assistance for submission."
- Barbados wishes to reaffirm its commitment to the multilateral rules based process and as such commits itself to the submission of its NIR in the near future. However, given the difficulties experienced in the completion of this task, the MFAFT wishes to open dialogue with the Panel of Experts in facilitating the necessary assistance for submission.

The Ministry of Foreign Affairs and Foreign Trade thanks you for your consideration and looks forward to your collaboration and support.


for Director, Foreign Trade Division

Annex 111: Updated assessment of responses to the Panel's DPRK sanctions implementation questionnaire of November 2022

1. A Questionnaire (see annex 92 of the Panel's 2023 final report, S/2023/171) was sent to all UN Member States in November 2022. A reminder was sent on 1 September 2023 to those that had not responded.
2. A preliminary assessment was included in the Panel's 2023 final report (S/2023/171, annex 94), based on 23 responses. As of 15 January 2024, the Panel had received responses from the following 52 countries:
 Algeria, Australia, Benin, Bolivia, Bulgaria, Canada, Cambodia, Colombia, Czechia, Denmark, Ecuador, Estonia, Germany, Guatemala, Honduras, Ireland, Italy, Japan, Kiribati, Latvia, Lithuania, Luxembourg, Macedonia, Malta, Mauritania, Moldova, Monaco, Montenegro, Morocco, Namibia, Pakistan, Palau, Poland, Republic of Korea, South Africa, San Marino, Qatar, Romania, Saudi Arabia, Serbia, Seychelles, Singapore, Slovakia, Switzerland, Thailand, Trinidad and Tobago, Türkiye, Turkmenistan, Ukraine, United Kingdom, United States and Uruguay.
3. The Panel will provide further analysis of the responses to the questionnaire in its next Report and encourages additional States to respond.
4. In the meantime, lightly edited versions of a number of responses received regarding question 3 (c) of the questionnaire are listed in the table below:

Questionnaire: 3 (c) Has your State found any of the recommendations to member States contained in the Panel's 2022 reports (S/2022/132 and S/2022/668) useful and in what way? Have they been implemented?
[MS1] [Experts] reports regularly highlight the occurrence of sanctions violations by the DPRK, including through ship-to-ship transfers of sanctioned goods (particularly of DPRK imports of refined petroleum and exports of coal) and increasingly sophisticated cyber-attacks from the DPRK targeting financial institutions and cryptocurrency exchanges. We take note of these reports, which are used to inform our policy settings on the DPRK.
[MS2] In relation to the Maritime recommendations for Flag/Ship Registries, we find recommendations useful and pay special note to implement the recommendations regarding vessel identity tampering and AIS manipulation; Single Delivery Voyage protocols; and Statement of Confirmation procedures.
[MS3] In relation to S/2022/668 Panel Report, having regard to the "Finance" section of that report and the related recommendations (i.e. annex 72), it is worth noting that the ... [financial intelligence unit, FIU] is promoting awareness -rising on implementation on Sanctions related to Proliferation financing and on proper implementation of UN Sanctions. ... In relation to VASPs, the national sanctions regime applies to that sector as well.
[MS4] On occasion, ... [State's] Customs ... tried to strengthen inspections of iron and steel (HS code 72) following the Panel's recommendation based on the "Sectoral ban monitoring list," which is included in the Annex of the Panel's report. However, the problems, such as raw material supply disruptions and delays in customs clearance, occurred since the number of items subject to strict inspection increased exponentially. Therefore, to secure the efficiency of import and export control while minimizing the impact on the domestic industry, we suggest the Panel narrow down the list using four or more units of HS code.

[MS5] [We] would like to see additional recommendations focused on the role of multilateral organizations and with respect to addressing the DPRK's malicious cyber activity.

[MS6] [State] has found that the recommendations to Member States contained in the Panel's 2022 reports (S/2022/132 and S/2022/668) informative and useful specifically:

- that Member States streamline their export and import control lists, using as supportive material the informal list of prohibited commodities and will underscore to customs authorities the need to use the above-mentioned list to inform trading agents in the jurisdiction for due diligence purposes.
- that Member States consider updating their export control lists to reflect their lists of prohibited luxury goods in a manner consistent with the objectives of Security Council resolutions 1718 (2006), 1874 (2009), 2094 (2013), 2270 (2016) and 2321 (2016), but avoiding unnecessary broadening of their scope in order not to restrict the supply of unprohibited goods to the civilian population or have a negative humanitarian impact once trade restarts. [State] has embraced the call of the Panel to continue to monitor borders for vessels designated by UN's Sanctions Regimes and continues to implement the needed regulatory standards and due diligence checks at all levels associated with the operation of ships and transaction of commodities, in particular those conducted in identified waters involving banned or restricted products and services.

[MS7] [T]he Panel's invaluable reporting... help[s] identify key individuals and entities that engage in illicit activity so that the international community is able to provide a robust response by designating confidently. Panel of Expert reports help strengthen the ... evidence base when seeking to designate specific targets. ... Reporting enables the [State] to make better informed decisions based on the evidence shared

[MS8] Risk profiles has been created in the Customs Control Circuit.... Currently there are 73 risk profiles in IMPORT from North Korea. As regards of EXPORT, 16 risk profiles are in force for Country of destination North Korea.

[MS9] The information on the DPRK's activities relating to nuclear and ballistic missile program, as set forth in the 2022 reports of the UN Panel of Experts on the DPRK (S/2022/132 and S/2022/668), as well as the recommendations of the S/2022/132 report on the inclusion in the sanctions lists of the North Korean diplomat in Russia, O Yong Ho, involved in the supply of goods with regard to the DPRK's ballistic missile program, is useful. Therefore, on the basis of the recommendations, the implementation of sanctions in the field of maritime transportation, trade embargo, ban on luxury goods, and procedures for applying sanctions to individuals is being implemented.

[MS10] The Committee's recommendations have been taken into consideration. The national institutions are adequately informed about the sanctions regime and regulatory provisions for its implementation have been adopted. For example:

- * With regard to the recommendations concerning trade and customs ...The list of products that cannot be imported from DPRK has been duly registered in the system.
- * The [State's FIU], in the exercise of its responsibility to prevent, detect and eradicate money-laundering, the financing of terrorism and the proliferation of weapons of mass destruction, conducted an intensive training programme for reporting entities in 2022. The [FIU] also has a Money-laundering and Terrorist Financing Prevention System, which includes a tool for searching for matches and has been available for use by reporting entities since March 2022. When new or updated United Nations Security Council resolutions are received, they are entered into the System and reporting entities are notified by email so that they can immediately carry out the necessary review.

[MS11] The recommendations in the Panel's 2022 reports regarding export and import control lists have been implemented by all EU Member States... by Council Regulation (EU) 2017/1509 of 30 August 2017 concerning restrictive measures against the Democratic People's Republic of Korea and repealing Regulation (EC) No 329/2007, as amended. This Regulation has direct effect in all EU Member States.

[State] noted with interest the recommendations regarding humanitarian activities in DPRK, as it has one NGO operating there

[MS12] [State] has conducted a Proliferation Risk Assessment in accordance with FATF requirements. The National Risk Assessment in [State] has incorporated several of the recommendations put forth by the Panel of Experts and we are strongly committed towards implementing these recommendations across various authorities, including Customs authorities.

[MS13] Prohibitions under [the State's]... sanctions cover many of the recommendations to Members States included in the Panel's 2022 and earlier reports, such as designation of DPRK individuals and entities and preventing the transfer of prohibited goods to the DPRK.

[State] is increasing outreach efforts with members of the ... public, including through targeted engagements with the financial and legal sectors. [State] also conducts annual stakeholder outreach with [the State's] non-governmental organizations working to provide humanitarian assistance to the DPRK to gather input on the sanctions exemption process related to autonomous sanctions. Further, in our outreach with the ... public, [State] consistently recommends that companies and organizations review the sanctions lists maintained by the UN, in addition to [State]'s sanctions list and that of other countries with autonomous regimes.

Finally, while these sanctions are far reaching, the [State] mitigates unintended consequences of sanctions through legislated exceptions for certain activities. [State] is also looking into ways to enhance support for civil society and other stakeholders, including by providing more information on how to navigate sanctions and apply for permits, notably with respect to humanitarian activities.

[MS14]

Panel of Experts (Final report) dated 1 March 2022:

[State] was among those countries where erroneous use of country codes for DPRK and ROK was reported.

It fully supports Recommendation 20 from the consolidated list of recommendations, and as an immediate measure, has removed DPRK from its drop-down list of countries from its computerized goods clearance system.

In pursuance of Recommendation 22 from the consolidated list of recommendations, [State] Customs has been directed to enhance due-diligence for trading agents, who are dealing with commodities in the Korean peninsula.

Panel of Experts (Midterm report) dated 7 September 2022:

In pursuance of Recommendation 15 from the consolidated list of recommendations, [State entity] regularly carries out an outreach plan for all the educational and research institutions as per annual outreach programme. The modules for the outreach include export control provisions, UNSC sanctions regimes, TFS on PF, etc.

Regulations pertaining to Virtual Assets and VASPs are being implemented in [State]. A comprehensive and all-encompassing implementation plan on FATF guidance on virtual assets is being prepared with special emphasis on CPF aspects.

[MS15] The Country finds the recommendation contained in the Panel's reports S/2022/132 and S/2022/668 very useful. Regarding the recommendations connected to finance, the [FIU] is in line with continuous increase of the awareness of all OE's (including VASP's registered in our country as well) for the new challenges, trends and typologies for financing of proliferation of WMD through

organizing workshops, seminars and trainings. In order to improve the capacities of the OE's for recognizing suspicious transactions and activities related to the financing of proliferation during 2022 the [FIU], in cooperation with the OE's, determined a list of "Indicators for the financing of weapons of mass destruction (Proliferation)" with which the OE's are given "red flags" to recognize suspicious transactions and proliferation financing activities and by persons not on the lists and international restrictive measures. In addition, in order to help the subjects to implement the restrictive measures against proliferation of WMD and to help them face the various challenges that they may encounter when fulfilling their obligations from the AML and LRM, the [FIU] prepared "Guidelines for dealing with financial restrictive measures against terrorism and proliferation" and it is published and available on the FIU website.

[MS16] ...recommendations were useful because they include a review of the best practices in the implementation go the DPRK sanctions regime...

[MS17] The recommendations that were of particular relevance in the [State] national context are highlighted below (focusing on the recommendations of the reports S/2022/668 and S/2022/123).

Report S/2022/668 Recommendations:

No. 4: The Panel reiterates that flag States should possess the requisite tools available to identify and investigate suspected fraudulent use of the MMSI where it is detected and share the results of their investigation with other maritime authorities, as well as with the Panel.

The [State] authorities regularly detect wrong MMSI numbers. These cases are normally linked to database errors and not to fraudulent use. If a fraudulent use is detected, the maritime authorities of the countries concerned will be informed about the results of the investigation. There have been no known cases with links to DPRK.

No. 15: The Panel recommends Member States advise relevant national actors, including financial institutions, businesses, and VASPs, to adopt appropriate education, training, information sharing, and advisory materials for individuals across all levels of the workforce, from executives to part-time employees.

The [State's National Bank] follows this recommendation: It has issued a (legally not binding) "Guidance on compliance with financial sanctions" which contains best practises to be observed by relevant national actors....

No. 16: The Panel recommends that Member State agencies, as well as financial institutions, businesses, and VASPs devote appropriate attention to increased cyber hygiene by requiring of all crypto users attempting access to a cryptocurrency exchange set a higher de-fault threshold, such as a two-factor authentication of transaction.

This recommendation is implemented via the EU Directive on payment services in the internal market (PSD2), implemented by the [a State Act]. Payment service providers are obliged to apply a two-factor authentication. The EU-Regulation on digital operational resilience for the financial sector (DORA), which applies from 1st January 2025, also obliges VASPs to comply with the IT security requirements.

No. 17: The Panel recommends that any entity suffering a cyber-attack report this to and engage with the proper legal authorities as soon as possible, issue a public announcement of the incident, and engage with agencies relevant to the event including block chain analysis firms, in order to increase the prospects for recovery of some stolen assets.

Payment Service Providers are required to notify cyber incidents under DORA (see answer to No. 16). For all other entities, the notification requirement is based on [a State Act]. From 1st January 2025, the notification requirement for financial service providers as well as VASPs will be based on the DORA-Regulation.

No. 18: The Panel recommends that Member States consider legislation or establishing directives for cyber companies to enforce “know your customer” protocols and to tighten procedures for VASP registration.

[State] has implemented the FATF travel rule via the Crypto Assets Transfer Regulation. According to [a State Act], VASPs are classified as credit institutions or financial services institutions and are thus obliged entities under [State] AML/CFT rules. They require a license. A financial service that falls fully under the VASP activities is the crypto custody business in accordance with Section 1 (1a) No. 6 KWG.

No. 19: The Panel recommends the Member States strengthen cooperation, facilitate dialogue and enhance information sharing in order to address the growing intelligence and financial threat of cybercrime.

The [State Act] as well as DORA provide for information sharing.

Report S/2022/123 Recommendations:

No. 1: The Panel recommends the designation of the following individual for his role in and support for the country’s prohibited programme:

- Mr. O Yong Ho, currently based in Moscow as a DPRK diplomat, is involved in procuring items connected to DPRK’s ballistic missile programme through his support to the UN-designated “Second Academy of Natural Sciences” (SANS) (aka “Academy of National De-fence Science” (ANDS)).

Mr. O Yong Ho was listed in 2022 under Annex 16 by means of an amending regulation to the EU autonomous DPRK sanctions regime (VO 2017/1509).

No. 5: The Panel recommends that the IMO urge all flag States to ensure that the requirements for the Continuous Synopsis Record (CSR) are complied with, including, for such information to be updated accordingly on the IMO GISIS website.

While this recommendation is addressed at the IMO, [State] has fully implemented the requirements for the CSR in national law. Sanctions may be imposed on ships not meeting the obligation to keep and make available the original of the Continuous Synopsis Record for inspection.

No. 11: The Panel recommends that financial institutions involved in commodity trading in affected areas expand transaction monitoring programs to incorporate AIS screening for both client and counterparty vessels.

The recommendation is considered to be useful and is addressed through the [State’s] “Guidance on compliance with financial sanctions” It requires institutions/enterprises to screen all parties discernibly involved in the respective transaction (which may include other entities such as hauliers, ships, manufacturers, banks, investors) against up-to-date sanctions lists.

During on-site inspections conducted by [State’s National Bank] in the relevant institutions/enterprises, the inspections team verifies if the institutions/enterprises abide by these rules.

No. 12: The Panel recommends that flag States possess the requisite tools available to identify and investigate suspected fraudulent use of MMSIs where it is detected and share the results of its investigation with other maritime authorities, including with the Panel.

Currently, [a State entity] is responsible for maintaining the [REDACTED] database for LRIT. If a request is received by [this State entity], [the State entity] identifies ships fraudulently using a [State] MMSIs via comparing the reported ship’s identity and position with the information of the LRIT database.

No. 27: The Panel underlines the urgency of concrete measures for re-establishing the banking channel.

Article 21 of Regulation (EU) 2017/1509 generally prohibits the transfer of funds, including clearing of funds, to and from the DPRK. However, there are various exemptions for transfers of international organizations enjoying immunity in DPRK in accordance with international law, e.g. for the transfer

of funds not exceeding a certain limit for humanitarian aid (foodstuffs, healthcare or medical equipment or for agricultural purposes), and remittances not exceeding a certain level. These transactions are subject to enhanced due diligence measures under [State] AML/CFT-rules due to the FATF designation as a high-risk jurisdiction.

4. The Panel is grateful to those Member States which have provided responses to the 2022 questionnaire and encourages other States to do so. The Panel requires more data in order to conduct a meaningful assessment of the global state of implementation.

Annex 112: Consolidated list of recommendations

Ballistic Missiles

- 1. The Panel recommends updating the designation of NADA (KPe.029) to reflect its new name: the National Aerospace Technology Administration (NATA).**
- 2. The Panel recommends the designation, in accordance with paragraph 27 of resolution 2094 (2013) and paragraph 43 of resolution 2270 (2016), of the DPRK's Missile General Bureau.**
- 3. The Panel recommends that Member States pursue their investigations of Choe Chol Min's and Choe Un Jong's activities and, if warranted, implement the provisions of paragraphs 13 and 14 of UNSCR 2270(2016), as applicable.**
- 4. The Panel encourages Member States to redouble their efforts in preventing the supply of prohibited items to the DPRK and take into consideration the above Chart 1 when monitoring transactions that could fall under the catch-all provision of paragraph 27 of UNSCR 2270 (2016).**

Trade Statistics and Customs Issues

- 5. The Panel emphasizes its previous recommendations that :**
 - (a) Appropriate measures be taken by the International Organization for Standardization and Member States, including outreach activities to respective customs authorities, to prevent erroneous usage of country codes.**
 - (b) Member States streamline their export and import control lists, using as supportive material the informal list of prohibited commodities (see Annex 38).**
 - (c) Customs authorities of Member States use the above-mentioned list to inform trading agents in their jurisdictions for due diligence purposes, in particular when dealing with such commodities in the vicinity of sanctioned jurisdictions.**
 - (d) With regards to the Member States requiring assistance with understanding and implementation of the sectoral ban, the Committee consider information outreach.**

Implementation of Luxury Goods Ban

- 6. The Panel, taking into account the recently increased transshipments of luxury goods to DPRK via third countries, recommends that Member States should urge entities involved in exporting luxury and brand goods to increase vigilance when arranging shipments to the region and via entrepôt zones.**

7. The Panel recommends that Member States encourage exporters of luxury goods to include a contractual provision to prohibit forwarding of goods to the DPRK.
8. The Panel reiterates its recommendation that Member States consider updating their export control lists to reflect their lists of prohibited luxury goods in a manner consistent with the objectives of Security Council resolutions [1718 \(2006\)](#), [1874 \(2009\)](#), [2094 \(2013\)](#), [2270 \(2016\)](#) and [2321 \(2016\)](#), avoiding unnecessary broadening of their scope in order not to restrict the supply of unprohibited goods to the civilian population or have a negative humanitarian impact.

Overseas Workers

9. The Panel recommends that Member States continue to exercise vigilance in checking the management and ownership of the companies employing DPRK nationals and possible obfuscation efforts.
10. The Panel recommends that Member States have appropriate immigration controls in place, in particular to ensure that DPRK students and tourists do not earn income and do not exceed their authorized duration of stay, in line with UNSC resolutions.
11. The Panel recommends that, as the DPRK further opens its borders, Member States ensure implementation of relevant resolutions concerning DPRK nationals earning income.

Finance

12. The Panel recommends that the Committee consider the designation of:
 Nam Chol Ung,
 Lazarus Group, Andariel, BlueNoroff, ScarCruft, and Kimsuky
13. The Panel reiterates its recommendations that Member States implement as soon as possible the Financial Action Task Force guidance on virtual assets and virtual asset service providers.
14. The Panel encourages Member States, businesses, and private individuals to devote appropriate attention to increased cyberhygiene, including effective cybersecurity practices compiled in annex 101 in order to counter DPRK's circumvention of Security Council resolutions via cyber activities.
15. The Panel recommends private sector entities review information released by Member States and cybersecurity companies regarding DPRK-linked virtual currency addresses and be vigilant in guarding against transactions directly with, or derived from, those addresses.

16. The Panel recommends that Member States consider establishing systems for reporting and sharing DPRK-related cyber threat information with the cryptocurrency industry and private sector.
17. The Panel recommends that all cryptocurrency platforms and protocols – including decentralized and centralized exchanges, bridges, instant exchange services, mixers and privacy protocols – implement appropriate anti-money-laundering and know-your-customer programs and establish procedures and enhanced monitoring and detection mechanisms to identify possible DPRK transactions, such as rules based on user behavior patterns and system configuration analytics,²⁸⁸ to better prevent illicit DPRK cyber actors from abusing these services (see also Annex 101).
18. The Panel encourages Member States to conduct virtual asset risk assessments and to include proliferation finance and DPRK-related considerations as part of the assessments.

Unintended Humanitarian Effects of Sanctions

19. The Panel values the biannual briefings by the relevant United Nations entities on the unintended impact of sanctions and continues to recommend that the Committee continue this practice.
20. The Panel recommends that the Committee continues to emphasize the importance of re-establishing a durable banking channel for humanitarian operations in the DPRK and recommends that the 1718 Committee prioritize addressing this issue.
21. The Panel recommends that the Committee discuss with relevant regulators possible guidance to mitigate the problem of banks and other institutions de-risking when DPRK sanctions are involved.
22. The Panel recommends that the Secretariat continues to explore ways with UN agencies and NGOs to transfer funds for their humanitarian assistance programmes in the DPRK following the breakdown of a banking channel arrangement.

²⁸⁸ In addition to “traditional” transaction screening based on sanctions lists, publicly identified wallet addresses, etc.

23. The Panel reiterates its previous recommendations that:

- In the context of the implementation of Security Council resolution [2664 \(2022\)](#), the UN system, including the Committee, take into account information provided by humanitarian actors on the mitigation of the potential adverse impact of UN sanctions on the civilian population and on humanitarian assistance to DPRK.
 - The Security Council continue to address issues and processes that mitigate the potential unintended adverse impact of sanctions on the civilian population of the DPRK on humanitarian aid operations;
 - The Committee and other relevant stakeholders continue to practically consider the idea of exempting selected exports currently under sanctions, the proceeds of which might be used to finance humanitarian supplies;
 - The Committee consider more active outreach with civil society providing humanitarian assistance to the DPRK to help to implement Security Council resolution [2664 \(2022\)](#); The Committee practically consider the idea of renewable and standing exemptions for humanitarian aid actors and humanitarian-related commodities.
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