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International
Maritime
Organization



United Nations
Conference on Trade
and Development
(UNCTAD)



Islamic P & I Club



Arab Sea Ports
Federation



International
Chamber of
Navigation in Beirut



Arab Federation
of Shipping



Arab P & I Pool

Expert Group Meeting on Maritime Transport the ESCWA Region
“Prospects for Cooperation”
Beirut, 30 November – 2 December 2004

REVITALIZING INTER-ARAB MARITIME TRADE

By

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04-0533



Expert Group Meeting
on Maritime Transport in the UN ESCWA Region:
Prospects for Cooperation

Presentation by the Arab Federation of Shipowners:

1. Revitalizing Inter-Arab Maritime Trade:
An information revolution through private initiative

2. Proposing the introduction of a modern port
management information system

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Transport Economist

Beirut, 30 November – 2 December 2004

Vn1.1.1.04

Revitalizing Inter-Arab Maritime Trade

Overall Objectives of AFOS

- To develop business, after years of paralysis
- To promote private initiative – efficient, competitive business
- To introduce Information Technology (IT) including:
 - Standardisation
 - Transparency

Revitalizing Inter-Arab Maritime Trade

How to re-vitalize AFOS ?

→ **Two new ideas:**

1. Create an information exchange on cargo for Arab carriers
 2. Promote the adoption of a modern and proven port management information system throughout the region
- Even leading to a multimodal management system

3

Revitalizing Inter-Arab Maritime Trade

How to re-vitalize AFOS ?

- **Idea 1: Create an information exchange on cargo for Arab carriers.....**

4

Revitalizing Inter-Arab Maritime Trade

Why Create an Information Exchange ?

- To promote the most efficient carriage by sea of Inter-Arab trade with Arab ships/shipping lines
- Because currently there is virtually no **direct** inter-Arab sea trade
- ...as cargoes transit through European (hub) ports mostly on foreign non-Arab lines

5

Revitalizing Inter-Arab Maritime Trade

Why ?

- Because few Arab shipowners seem to be aware of the potential.....
- It is, to a certain extent, an untapped market for Arab carriers
- There is no **live immediate** information on the loading / carrying potential of such direct lines

6

Revitalizing Inter-Arab Maritime Trade

So What Sort of Information is Required ?

- Ship Movements from carrier/line or agents
- Goods to be loaded/carried, from shippers/forwarders...
 - Containerized
 - Break Bulk
 - Wet and Dry Bulk
 - Multipurpose
- Goods to be discharged, from lines/agents

7

Revitalizing Inter-Arab Maritime Trade

How could this information be useful ?

- To alert shipowners/carriers on potential demand
 - per route,
 - per type of cargo,
 - per conditions of carriage

8

Revitalizing Inter-Arab Maritime Trade

How could this information be collected ?

- Create an AFOS information exchange in each port:
 - to collect requests for carriage (demand) from shippers
 - and adequate with supply from carriers/agents
-Over the Internet:
 - Easily accessible through Id & password by the registered members of AFOS

Revitalizing Inter-Arab Maritime Trade

Who would be involved in this exchange ?

- Each national AFOS representative acting as the local data hub
- Traders/Shippers
- Or their representatives, the Freight Forwarders
- Ship Agents

Revitalizing Inter-Arab Maritime Trade

How would this work ?

- each AFOS agent in a loading port would collect live requests for carriage from shippers
- these requests would then be instantaneously transmitted to a central AFOS database for processing and adequation to the supply of carriage (type of cargo, type of carriage, destination...etc),
- The AFOS data base would then distribute these requests to all potential Arab carriers plying from/to those particular ports with adapted supply

11

Revitalizing Inter-Arab Maritime Trade

How would this work ?

- Carriers would in turn 'bid' for the carriage with conditions of transport, freight rates...etc,
- This information would then be relayed back to the shipper at port of origin via the local AFOS cell,
- Once the carrier is chosen, a booking would be made by the shipper (or his freight forwarder) to the carrier's agent and logged with the AFOS cell

12

Revitalizing Inter-Arab Maritime Trade

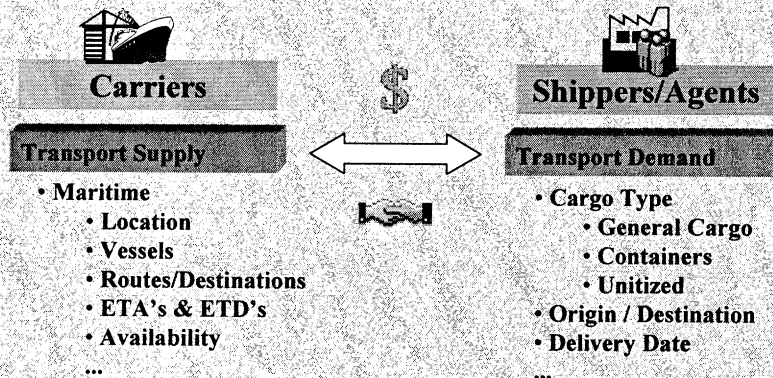
How would this work technically ?

- The key is the use of **Internet** as a live instantaneous system between all the parties
- No longer a need for a complicated messaging system,
- Hence no need for elaborate and expensive telecommunications,
-Just an Internet connection with valid security through Ids and passwords,
- Leading to an 'open' system between AFOS members enabling all actors concerned to input and retrieve data like this

13

Revitalizing Inter-Arab Maritime Trade

AFOS Maritime Transport Supply and Demand Service

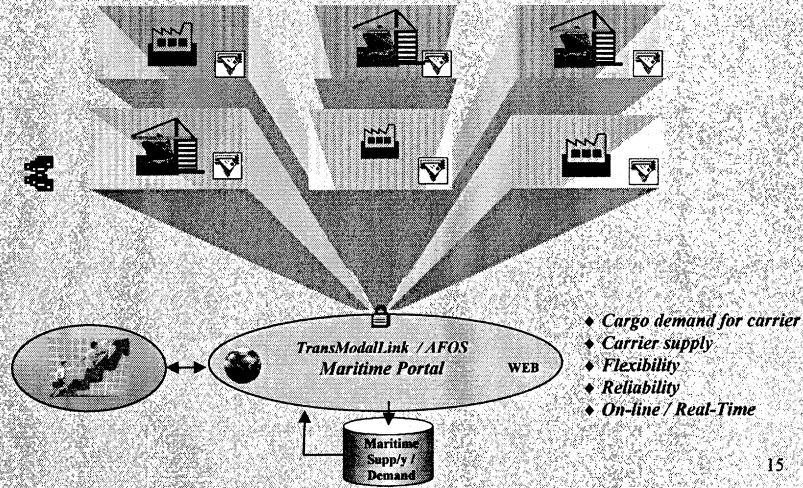


14



Revitalizing Inter-Arab Maritime Trade

TransModalLink Architecture



15



Revitalizing Inter-Arab Maritime Trade

Live Data Update and Retrieval

- Shippers can update directly on-line / real-time their cargo transport demands, specifying all cargo details and delivery requirements
- Automatic assessment of ship / cargo compatibility
- Each new request generates alerts to carriers
- Carriers can search and retrieve on-going demands
- Easy to use, accessible in any language (English, French, Arabic, ...) – instantaneous language switch
- Available only to registered users

16

Revitalizing Inter-Arab Maritime Trade

Leading Web Technology

- Top Sun / Java Framework Web System Platform
- Scalability – Supports equally Low and High Transaction Volumes
- Fully Internationalized – Supports any number of languages with no impact on performance or on maintenance
- Top Software Engineering – Separation of Presentation, Business and Data Access Logic Layers, making complex systems easier to maintain and to adapt to a developing business environment

17

Revitalizing Inter-Arab Maritime Trade

How to Revitalize AFOS ?

2. **The second idea would be to promote the introduction of a modern port information system in Arab ports (some of which are currently devoid of IT tools):**
 - To improve their efficiency and reduce costs (hopefully)
 - Thereby reducing ship dwell time in ports and turnaround time...hence improve freight services to customer

18

Revitalizing Inter-Arab Maritime Trade

Introducing a port management information system

- for ports other than pure container terminals
- i.e. for break-bulk, bulk, multi-purpose terminals
- TransModalLink uses **PortLogic** which is a powerful proven management tool for its port application:
 - to increase port efficiency
 - And decrease both
 - ship turnaround time
 - And port costs

19

Revitalizing Inter-Arab Maritime Trade

Introducing a port management information system

- The PortLogic application has two main parts:
 - Harbour Master functions
 - Cargo monitoring functions

Both interconnected and web-based, using the latest technology and adapted to all private/public port operators, connected to Customs:

- ship agents/carriers,
- stevedores, cargo handlers, warehouse/storage companies,
- pilot/tugging companies...
- shippers/customers.

20

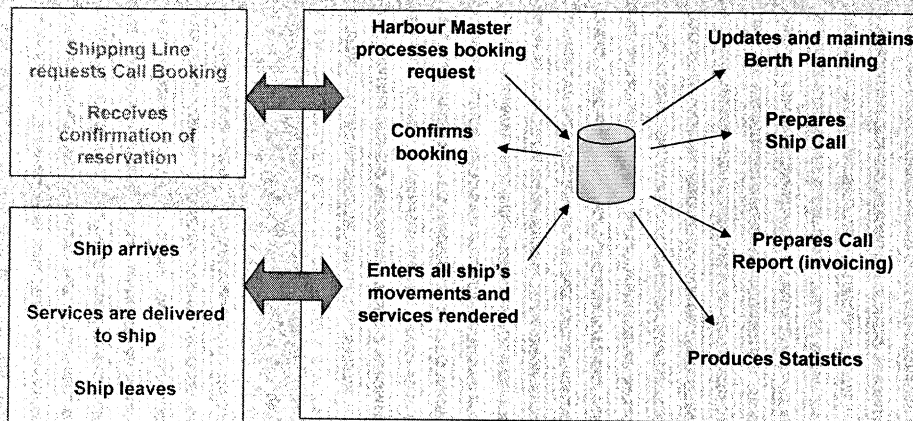
Revitalizing Inter-Arab Maritime Trade

Introducing a port management information system

The **Harbour Master** functions

- include standard codes (Lloyds, UN, ISO)...
- cover the monitoring and invoicing of a ship's call from booking to sailing, including:
 - Berth planning
 - Ancillary services/activities (pilot, tug, supplies,..)
 - Institutional requirements, (health, ISPS,.....)....

PortLogic - Process Diagram of Harbour Master



Vessel File

Vessel File

Ship Identification
 Vessel No: 7506194 Ship Name: SKIPPEN Former Name: SKIPPEN N
 Port (Lloyd): CYLMS Port (Lloyd): LIMASSOL
 Call Sign: 5889
 Ship Owner: OW1714809 Flag: CY CYPRIUS

Characteristics and Transport Capacity
 Year Built: 1977 Type of Vessel: BULK CARRIER
 Length Overall: 189.31 Beam: 27.67 Maximum Summer Draft: 10.702
 Gross Register Tonnage: 22 383 Net Register Tonnage: 13 436 Total Dead Weight: 36 425

Transport Capacity
 Holds: 0 Tanks: 0 TEU Capacity: 0 Linear Capacity: 0

Created by: MB on 05/06/2004 at 10:48
 Updated by: MB on 05/06/2004 at 11:34

Administrative and technical information about ships are recorded in the vessel file. If the vessel exists in the Lloyd's register, technical data are transferred automatically from Lloyd's to vessel file.

VESEL FORM Page 1

8164	VA JALEEL	Previous name	SKIPPEN N
4800	LIMS LIMASSOL	Call sign	5888
	SNP SHIPPING SERVICES	Flag	CY CYPRIUS

8077	Type	19200	BULK CARRIER	10.702
490.21	Beam (m)	27.67	Draft	36.425
22383	NRT	13436	DWT	

Holds	0	TEU Capacity	0	Linear capacity	0
-------	---	--------------	---	-----------------	---

Created by: MB on 05/06/2004 at 10:48
 Updated by: MB on 05/06/2004 at 11:34

A ship must be created in the vessel file before a booking can be made.

Call Booking System

Booking

Call status: Expected Arrived Departed All Booking type: Manual Automatic

Number of elements: 2

Booking	Vessel N°	Shipname	ETA	Voyage	Ship Agent
B04-00011	7506194	YAJALEEL	05/06/2004 17:00		NAS
B04-00019	7423192	GLOBAL PIONEER	10/06/2004		NAS

New Edit Delete

A «number» is assigned to each booking. The structure of the booking number can be customized.

Administrative and technical data on the call as well as information on hazardous goods are recorded in advance in the booking file.

Create or Update Call Booking

Booking Number: B04-00019 Call Status: Expected

Basic ship / Call data Operations Dangerous Cargo Comments and Notes (1)

Vessel Identification
 Vessel Nbr: 7423192 GLOBAL PIONEER
 Ship Agent: NAS NASACD
 Shipping Line:
 Voyage Nbr In: Voyage Nbr Out:

ETA Date: 10/06/2004 Time: 07:00
 ETD Date: 21/06/2004 Time: 09:00
 Submission Date: 07/06/2004 Time: 10:00

Other Calls
 Last port:
 Next port:

Technical Information
 Length overall (m): 193.00
 Deadweight: 0.00
 GRT: 12 440.00
 NRT: 7 206.00
 Maximum Draft in: 12.50
 Maximum Draft out: 13.00

Created by: MB on 05/06/2004 at 11:25
 Updated by: MB on 05/06/2004 at 11:34

Expected Arrivals

Expected Arrivals and Departures

Date: 10/09/2004

Arrivals

Booking	Vessel No.	Shipname	Ship agent	Voyage
80400015	7423160	GLOBAL PIONEER	NASACO	

Details | Number of elements: 1

Departures

Date: 10/09/2004

14 Days List Page 1

Vessels Expected

ETA	Time	Booking No.	Cluff	LOA	GPT	Ship Name	To discharge		To load		Delayed	Agent
							Tons	Units	Tons	Units		
10/09/04	07:00	80400015	12,5	13,6	15,000	1,248	GLOBAL PIONEER	0	0	0	0	NASACO

Details | Out

At any time, users can display the list of expected ships. Several reports can also be printed including:

- the 14 days list,
- the list of expected ships.

Berth Planning

Berth Planning - Reservation of a Berth

Zoom: 1 day, 7 days, 14 days

Vessel: 7423160 GLOBAL PIONEER

Booking N°: 80400015 Rotation N°:

ETA / Arrival: 10/09/2004 07:00 ETD: 21/09/2004 09:00

09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00

m . t . w . t . f . s . s . m . t . w . t . f . s . s . m . t . w . t . f . s . s .

B01 Berth N°1

B02 Berth N°2

Date: 09/09/2004 Page 1

BERTH RESERVATION

Booking	Rotation	Ship Name	ETA / Arrival	ETD
80400015		GLOBAL PIONEER	10/09/2004 07:00	21/09/2004 09:00

Berth	Start	End
B01 Berth N°1	10/09/2004 12:00	15/09/2004 23:59

First day to display: 09/09/2004

Ok Cancel

A full graphic system is provided to manage berth reservations. Whenever a reservation is confirmed a report is automatically printed.

Monitoring Ship Movements

All ship movements are recorded in an electronic register.

Signal Station Log Book

Date: 10/08/2004

Rotation N°	Ship Name	Time	Type	From	To	Position
R04-00011	YAJALEEL	10:00	Arrival	Inner Anchorage 1	Standard 2	

Movement of a Ship

Movement:

Shall:

Date of Movement: 10/08/2004 Time: 11:52

Vessel:

From:

To:

Position of the Ship:

Created by: MB on 10/08/2004 at 18:52

Updated by: on at

When a ship enters port a « rotation » number or « call » number is assigned. This number facilitates the monitoring of subsequent call data.

Services Provided during a Ship Movement

Movement: Vessel: Port Locations:

Date: 10/08/2004 Rotation N°: R04-00011 From: IA1 To: B02

Time: 11:52

Towing

Start Date	Time	Finish Date	Time	Plus
10/08/2004	11:00	10/08/2004	12:00	BEN SOUFAD

Package

Start Date	Time	Finish Date	Time	Plus
10/08/2004	11:00	10/08/2004	12:30	Sec-House Signal House Radio 5mths

Manning

Start Date	Time	Finish Date	Time	Shore Men	Boat Men	Local

Marine services provided during the movement of a ship are recorded.

Call File

Miscellaneous services such as garbage collection or fresh water can be recorded at the call file level.

Miscellaneous Services Provided to a Ship

Vessel:

Service	Quantity	Unit	Start Date	Time	Finish Date	Time
Fresh Water	10.00	M3	16/08/2004	14:00	16/08/2004	14:30

Accident and Fire

Vessel:

Date	Time	Summary	Details
10/08/2004	11:54	Downing of a container	

A register is provided to record accidents and fires that occurred during the call.

Call File

Select a Call Status:

Rotation N°	Vessel N°	Name	Arrival
R04-00002	2004420	SEA KNIGHT	16/07/2004 10:00
R04-00011	7506194	YAJALEEL	10/08/2004 10:00

Rotation Nbr: Booking Nbr:

Vessel:

Arrival: ETD:

Ship agent:

Total number of Calls:

The call is created automatically when the arrival of the ship is recorded. This file tracks all services rendered to the ship during its stay in the port.

Call Report

Printed on 10/08/2004 Page 1

CALL REPORT

Rotation No. **RS-000011**
 Vessel **YAJALEEL**
 Arrived on 10/08/2004 at 10:00
 Sailed on / / at / :

Berth Occupation

From	To	Location	Time Spent
10/08/2004 at 10:00	10/08/2004 at 11:52	Inner Anchorage 1	1 h 52
10/08/2004 at 11:52		Berth N° 2	

Towing

Start Date	Time	Finish Date	Time	Tug
10/08/2004	11:30	10/08/2004	12:00	BENI SOUFAD

Pilotage

Start Date	Time	Finish Date	Time	Pilot
10/08/2004	11:00	10/08/2004	12:30	Ahmed Mossa

Other Services

Service	Quantity	Unit	Start Date	Time	Finish Date	Time
Fresh Water	10,00	MTQ	10/08/2004	14:00	10/08/2004	14:30

The « call report » summarizes all services provided during the call including: berth occupation, marine services and miscellaneous services. This report facilitates the invoicing.

Statistics

A complete set of statistical reports and powerful tools for analysis is included. Immediate standard and customizable statistics are generated regularly & automatically

Beginning 01/06/1999 Age All
 End 30/06/1999 Age All

Print the Report

Call Distribution

Age	Calls	GRT	NRT	Time at Berth
Age < 5 years	5	78.934	37.111	338 h 34
5 <= Age < 10	6	107.682	55.104	175 h 44
10 <= Age < 15	6	106.206	69.326	127 h 58
				224 h 48
				723 h 40
				489 h 46
				375 h 18
				1.572 h 27

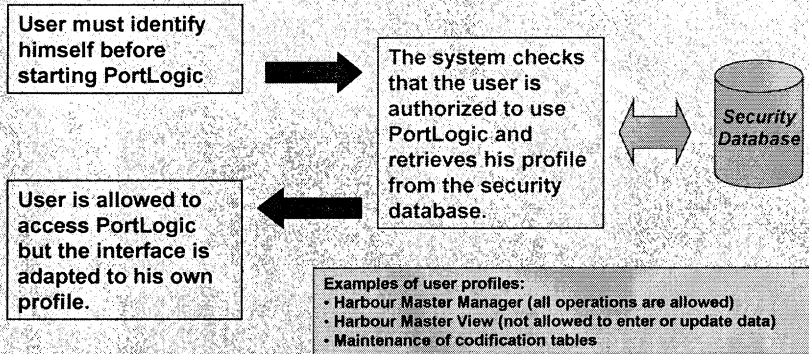
Date 28/09/2001

Calls per Length (FOREIGN DEEP SEA only)
 Period from 01/06/1999 - to 30/06/1999

Category	Number of Calls	GRT	NRT	Time Spent in Port	Time at Berth
LOA < 100 m	11	18.33	15.004	1.72	8.732
100 <= LOA < 125	8	18.00	29.207	3.82	17.988
125 <= LOA < 150	12	28.00	163.022	11.46	35.455
150 <= LOA < 175	17	28.20	283.071	29.42	122.078
175 <= LOA < 200	10	18.87	237.065	26.38	212.122
200 <= LOA < 225	0	0.00	0	0.00	0
225 <= LOA < 250	1	1.87	32.341	8.60	28.228
LOA >= 250 m	3	5.00	163.896	10.42	38.805
Unknown	0	0.00	0	0.00	0
TOTAL	66	100%	819.758	100%	500.47%

Printed at 13:05

Security Features



Codification

PortMaster - Codification Tables - Microsoft Internet Explorer

File Edit View Options Favorites Tools Help

Address [E]

Codification Tables - Download

These tables are given as Text Files (Plain Text) and the character set used is ANSI.

Table	Comments	Language	Date	File (click to download)
Cargo Type	Cargo Type codes on 1 digit. Use interface to import into PortMaster.	English	1999	codtype.sp (1 KB)
Commodity	Commodity codes on 3 digits. Use interface to import into PortMaster.	English	1999	commodity.sp (1 KB)
Dangerous Goods Class	Classes of Dangerous Goods coded on 3 digits. Use interface to import into PortMaster.	English	2000	dg_classes.sp (1 KB)
Measurement Unit	Units coded on 3 digits. Use interface to import into PortMaster.	English	1999	measure.sp (1 KB)
Package Type	Package Types coded on 2 digits. Use interface to import into PortMaster.	English	1999	package.sp (1 KB)

1. Class of Dangerous Goods

Number of Items: 17

Code	Long Name
1	EXPLOSIVES
2.1	FLAMMABLE GASES
2.2	NON FLAMMABLE GASES
2.3	TOXIC GASES

2. Class of Dangerous Goods

Code: 4.2 Active

Description: LIABLE TO SPONTANEOUS COMBUSTION

Created by: SYSTEM on 13/07/2004 at 19:33

Updated by: on at

Buttons: New, Edit, Delete, Import, Out, OK, Cancel

Numerous codes are used within the system. To facilitate their maintenance standard international codes have been implemented whenever possible (UN, IMO, Lloyds, ISO). Updates can be downloaded from the PortLogic site.

Revitalizing Inter-Arab Maritime Trade

Introducing a port management information system

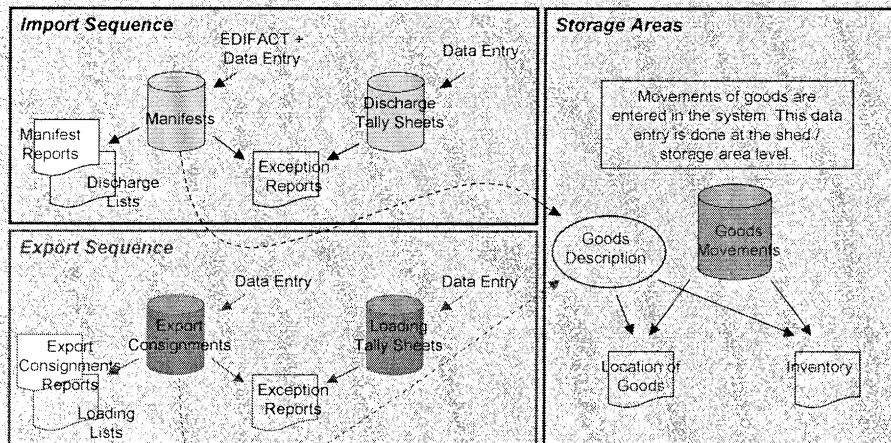
The **Cargo** functions include:

- ❑ **Manifest transfer &**
- ❑ **Monitoring of labour and equipment for:**
 - Discharge/loading
 - Warehousing and storage
 - Gate entry and exit
- **With live entries to all registered parties via the Web;**
- **Produces statistics and performance indicators....**

33

Portlogic – Cargo Operations Module

Simplified Architecture Diagram



34

Manifest File

Manifests

Sort and Search on
Ship Name

Expression to search

Booking #

Vessel	ETA	Booking #	Shipping Line	Voyage	Status
GLOBAL PIONEER	20/01/2001	939/09-029	INDOTASHIP LINE	17	Open
GLOBAL PIONEER	20/01/2001	939/09-029	COASTAL LINE	5	Locked
GLOBAL PIONEER	28/05/2001	939/09-029	SINDOTASHIP LINE	5	Open
HUNTER	08/05/2000	800/05-001	BEACON	12A	Closed
JOLLY VERDE	22/11/2000	939/11-884	AZAM MARINE	12	Open
SALLY MAERSK	01/03/2001	901/08-001	ADECON MARINE	0007	Open

LIST OF CONTAINERS PER FINAL DESTINATION

Booking # 939/09-029 Vessel GLOBAL PIONEER Shipping Line SINDOTASHIP LINE

Selected Traffic Codes IMP/T/RSN/VLOI

Final Dest TTDAR DAR ES SALAAM

Container	BL Number	Size & Type	Address	Load Count	Consignee
	Seal Number-1	Port of Disch			
	Seal Number-2	Port of Load			
	Seal Number-3				

APMUZ048 GOA P 10403 22'0"

DAR ES SALAAM DIOCESE OF IRINGA KULA MISSI

Print a Manifest Report

Report

Booking 939/09-029 GLOBAL PIONEER 5

ETA 20/01/2001 Shipping Line SINDOTASHIP LINE

IMP / Import

TRI / Transit - Inward

SHI / Transhipment - Inward

LD / National - Discharge

Containers per Final Destination
List of B/Ls
List of Containers
Containers per Final Destination
General Cargo Discharge List

Cancel OK

Changing Status of a Manifest

Number of items in this file

Manifest

Depending on the status of the manifest, users will be able to update or modify it:

- Open (all operations are allowed)
- Locked (amendment procedure required)
- Closed (no modification allowed)

Present Status: OPEN

New Status:

Cancel OK

Various reports can be printed including:

- Discharge Lists
- List of containers per final destination
- List of B/Ls
- Etc.

Discharge Tally Sheets

Entry of a Tally Sheet

Tally sheet Tally sheet

Booking 939/09-029 GLOBAL PIONEER

Hatch 001

Begin of operations 30/05/2001

End 30/05/2001

Tallyman REJHAD

PL Load BA Number Item Goods Description D/D Mtr of pack Grn weight(B)

ANMAD	MAR1800C	CEREAL FLOUR BULK	0	20 000
		SPARE PARTS FOR TRUCKS	2	3 000
		VEGETABLE OIL	100	15 000
		HOUSEHOLD GOODS	300	30 000

For a ship calling at the port, several tally sheets can be entered. Each sheet will have one header and several lines. No goods description are entered at this level. Users just have to select the corresponding items from the manifest.

Discharge Tally Sheets

Filter Booking 939/09-029 GLOBAL PIONEER Arrival 30/04/2001

Ship Name	Hatch	Tallyman	Started at	Ended at	Weight (TNE)
GLOBAL PIONEER	001	REJHAD	29/05/2001 14:00	29/05/2001 21:00	25
GLOBAL PIONEER	001	REJHAD	30/05/2001 10:00	30/05/2001 20:00	68

Tally Sheets can be printed and checked against the original manual forms.

DATE: 01/02/2001

Discharge Tally Sheet

Booking No. 939/09-029 Name of Vessel GLOBAL PIONEER Date of Arrival 30/04/2001

Begin Date 30/05/2001 Begin Time 10:00

BL Number	Item No.	Description Of Goods	Cargo Marks And Number	Pack No.	Weight (kg)
MAR1800C	1	CEREAL FLOUR BULK		0	20000

Number of tally sheets entered 2

Discharge Operations – Exception Reports

DATE: 01/02/2001		REMAINING ON BOARD		PAGE: 1	
Ship Name: GLOBAL PIONEER			Boating No: B9809-029		
Arrival Date: 30/04/2001			Shipping Line: C.L. COASTALL LINE		

Port of Loading	B/L No.	Description of goods	Type of Packages	Quantity Manifested		Quantity Discharged		Remaining On Board	
				Weight (Kg)	Pack. No.	Weight (Kg)	Pack. No.	Weight (Kg)	Pack. No.
AEAS	AE0008		CONTAINER	0	0	0	0	0	0
AEAM	AE0007		CONTAINER	0	0	0	0	0	0
AEFMZ	AFF548	HOUSEHOLD GOODS	RIGID, BOX TYPE	2900	400	2000	200	0	0
				8000	0	0	0	12000	800
				20	0	0	0	2000	0
				17	0	15000	100	0	0
				00	0	15000	100	0	0

Reissuing On Board

Booking #	B/L Number	Goods Description	Type of Package	Qty Manifested	Qty Discharged	Remaining on Board
CL	AEAS (AE0008)	CONTAINER		0	0	0
CL	AEAM (AE0007)	CONTAINER		0	0	0
CL	AEFMZ (AFF548)	HOUSEHOLD GOODS	RIGID, BOX TYPE	3000	400	3000
CL	AEADG (AE0009)	GENERAL GOODS	FLEXIBLE, BAG-TYPE	120000	8000	0
CL	AEALH (AE0089)	GENERAL GOODS	RIGID, BOX TYPE	2000	30	0
CL	AEALH (AE0048)	MOTOCYCLES	RIGID, OTHER	250	17	23000
CL	AEALH (AE0050)	VEGETABLE OIL	RIGID, DRUM TYPE	3000	80	15000
CL	AEAS (AE0476)	VEGETABLE OIL		0	0	0

During discharge operations 'remaining on board' reports can be printed to facilitate the monitoring of operations. Exception reports –over-landed and short landed- can be printed as soon as discharge operations have ended and all tally sheets have been processed.

DATE: 01/02/2001		Discharge - Exception Report		PAGE: 1	
Ship Name: GLOBAL PIONEER		Date of Arrival: 30/04/2001		Over Landed	
Boating No: B9809-029		Shipping Line: SINOTASHP LINE			

POL	B/L No.	Description of goods	Type of Packages	Quantity Manifested		Quantity Discharged	
				Weight (Kg)	Pack. No.	Weight (Kg)	Pack. No.
ANMAR	MA91809C	CEREA FLOUR BULK	BULK	10000	0	20000	0

Export Sequence

The export sequence starts with the entry of Export Consignments and the printing of loading lists. Loading Tally Sheets are entered in the system. During the loading operations, 'Remaining to Load' reports can be printed to facilitate the monitoring. Once the loading operations have ended, Exception Reports are produced.

Export Consignments		Consignment		Number of Exportments: 3	
Booking	B99/11-013	ALLALIN HORH	ETA	02/11/1999	Ship expected

ECN #	PL/Disch. Traffic	Consignor Name	Consignee Name	Goods Descr.	U	SI	SI
B99103002	AEAM	SHIMAR AL LTD	INTERNATIONAL FLUIDS	INDUSTRIAL GASES	0	0	0
EXP991002	MANDA	VICTOR ASSOMI	TO ORDER	FROZEN MEAT	0	0	0
KE9908	KEEM	REF OIL INC	BAGGIE RAD	RICE IN BAGS	0	0	0

DATE: 01/02/2001		GENERAL CARGO - LOADING LIST		PAGE: 1	
Booking # B9911-013		Weight: ALLALIN HORH		Exp/Trade: EXP/TREADE	

ECN	Consignee	Origin of goods	Goods	Shipping Unit	Package Weight	Use mode
B9910302	INTERNATIONAL FLUIDS	ANGOLA	INDUSTRIAL GASES		0	
STOP					12000 kg	
EXP9908	TO ORDER	ARGENTINA	FROZEN MEAT			OTHER OR SPECIAL

Entry of a Tally sheet		Tally sheet		PAGE: 1	
Booking # B99/11-013		ALLALIN HORH		ETA: 02/11/1999	
Match: 001		Begin of operations: 23/06/2001 10:00		End: 05/06/2001 11:00	
Tallyman: ZAFIR					

DATE: 01/02/2001		REMAINING TO LOAD		PAGE: 1	
Booking # B9911-013		Shipping Line: COASTALL SHIPING LINE			

ECN	Description of goods	Type of Packages	IC Quantity	Quantity loaded	Remaining To load
B9911-013			0	0	0

DATE: 02/11/1999		Loading - Exception Report		PAGE: 1	
Short Loaded		Date of Arrival: 02/11/1999			

Shipping Line	ECN	Description of goods	Type of Packages	IC Quantity	Quantity loaded
COASTALL SHIPING LINE	KEEM	RICE IN BAGS	RIGID-OTHER	200	100
COASTALL SHIPING LINE	MANDA	FROZEN MEAT	OPEN-OTHER	8000	20

Statistics

01/10/2001 Page

Port: **UNITED REPUBLIC OF TANZANIA**

Period: **from 01/01/2001 to 30/06/2001**

Commodity	Direct Delivery (*1000 kg)	Indirect Delivery (*1000 kg)	Total (*1000 kg)
024 CHEESE AND OTHER MLK PRODUCT	30	0	30
042 RICE	0	1	1
046 MEAL & FLOUR OF WHEAT OR MESLI	0	0	0
221 OIL SEEDS OIL NUTS & OIL KERNE	0	0	0
CARPARTS CAR PARTS AND ACCESSORIES	0	0	0
CYCLES MOTOR AND PEDAL CYCLES	0	0	0
FOOD OTHER FOOD	0	0	0
Total	30	1	31

A large range of standard statistics reports is proposed. If special or customized reports are required, data can easily be transferred to a database or spreadsheet program.

Statistical Reports - General Cargo Only

Report

Beginning: 01/01/2001 Quantities Discharged per Commodity Print the Report

End: 30/06/2001

Com. Code	Description	Direct Del.	Indirect Del.	Total
024	CHEESE AND OTHER N	30	0	30
042	RICE	0	1	1
046	MEAL & FLOUR OF WHI	0	20	20
221	OIL SEEDS OIL NUTS &	0	15	15
CARPARTS	CAR PARTS AND ACCE	0	0	0
CYCLES	MOTOR AND PEDAL CY	0	25	25
FOOD	OTHER FOOD	0	15	15
Total		30	76	106

Movements of Goods – Data Entry

Movements of Goods

Area: W0001 East Block: B01

Date: 01/10/2001 Time: 17:51 Tally Clerk: AMIN

BL Number: TEST002 Vessel: GLOBAL PIONEER

Booking: 88006-029

Shipping Line: C.L. COASTAL LINE

Description: CEMENT IN BAGS Shipping Marks:

Date	Time	Type	Block	Tallyman	Stocks	Weight
21/08/2001	05:50	Entry of Goods	B01	TALLIOTI	CEREAL FLOUR BULK	5 000
14/09/2001	16:10	Entry of Goods	B01	AMIN	FROZEN MEAT	30 000
05/09/2001	17:15	Entry of Goods	B01	EL SAYED	MOTORCYCLES	150
27/08/2001	12:45	Exit of Goods	B02	AMIN	CEMENT IN BAGS	
26/06/2001	10:47	Exit	B01	EL SAYED	CEMENT IN BAGS	
26/06/2001	08:41	Entry of Goods	B02	AMIN	CASHEVIN	
21/06/2001	16:23	Entry of Goods	B02	AMINOUF	CEREAL FL	
20/06/2001	16:38	Exit	B01	AMIN	HOUSEH	
20/06/2001	15:38	Exit of Goods	B02	AMIN	CASHEVIN	
20/06/2001	16:38	Entry of Goods	B02	AMIN	CASHEVIN	
18/06/2001	17:25	Entry of Goods	B02	EL SAYED	RICE IN BA	
18/06/2001	10:00	Entry of Goods	B01	AMIN	CEMENT IN	
13/06/2001	11:15	Exit of Goods	B01	EL SAYED	HOUSEH	

Movement of Goods - Quantities and Shad Addresses

Booking No: 88006-029 Vessel: GLOBAL PIONEER Movement: ENTRY IN AREA Date: 12/10/2001

Shipping Line: C.L. Area: W0001 East Time: 17:58

Place of Loading: AEDXB DUBAI Block Clerk: B02

Place of Discharge: TZDAR DAR ES SALAAM Tally: RACHD

B/L or ECN: DVBTST-002 Facts: BERTH

Description: CEMENT IN BAGS

Addresses to which goods are moved:

Address	Number of Packages	Weight (kg)
B/L Consignment	6 000	120 000
Currently Stored in Area W0001	4 140	81 300
Currently Stored in Block B02	0	0
Moved to Block B02	500	10 000
Resulting in Block B02	500	10 000

Commodity: 680 CEMENT IN BULK

Item No: 1

Buttons: New Entry, New Exit, New Date, Cancel, OK

For each storage area, warehouse, etc., a register for movements of goods is kept. Any entry, exit or shift of goods is recorded in this register. When an entry of goods is recorded, a receipt is automatically printed.

Storage Areas – Inventory

Block Map

Area: W0001 East Block: B01

B/L Number: TEST0003
 Shipping Line: C L COASTAL LINE
 Booking No.: B98/09/029 GLOBAL PIONEER
 Description: HOUSEHOLD GOODS

Ns. of Packages: 9
 Weight (in Kg): 350

Inventories can be presented graphically on plans of storage areas. A complete set of standard reports is also provided.

Date: 09/09/2001 **INVENTORY** Page: 1

Area: W0001 East

Block B01

Item	Booking	Sh. Line	Sh. Line	U/L	No. of Pkcs
FRIDGE W/ICAT	B98/09/029	GLOBAL PIONEER	C L	UNCON	2000
W0001B01005 05 1					
W0001B011003 1					
W0001B011005 1					
W0001B011005 2					
W0001B011103 2					
W0001B011105 2					
W0001B011105 3					
W0001B011105 3 1					
W0001B01114 03 1					
W0001B01115 03 1					
W0001B01115 03 1					
W0001B01115 03 3					
W0001B01115 03 3					
W0001B01115 03 3					
W0001B0104 03 1					
W0001B0104 05 2					
W0001B0104 05 3					
W0001B0105 03 1					
W0001B0105 05 2					

Recording Damaged Cargo

Damage Cargo Item

Description: dents on motorcycle

Booking No.: B98/09/029
 B/L No.: ROH567
 Item No.: 2

Description of Goods: MOTORCYCLES

Weight (KG): 100
 No. of packages: 1
 Party responsible: PORT
 Date Notification: 05/09/2001

Customer Ref:
 Shipper Ref:

Date: 09/09/2001 **Damaged Cargo Report** Page: 1

Imported Goods

Booking No.: B98/09/029 Shipping Line: COASTAL LINE
 Ship name: GLOBAL PIONEER Arr. at Date: 30/09/2001
 Bill of Lading Number: F45-56
 Consigner: OAL SAK
 Consignee: SAME AS CONSIGNEE
 Notify Address: SAME AS CONSIGNEE

Date: 05/09/2001 Time: 01:00

Item No.: 1
 Goods Description: GENERAL GOODS

Damage: Drowned
 Weight: 20.00 Packages: 2

Damage Cargo - Import

Booking: B98/09/029 GLOBAL PIONEER ETA: 20/01/2001

PO/L	B/L Number	Item	Date	Time	Description	Weight (kg)	No. Pkgs
AEALH	AUE781	1	03/09/2001	10:00	Drowned	20	2
AEALH	AUE781	2	04/09/2001	10:00	dents on motorcycle	100	1

Damages occurring during transport or operations are recorded with full description in the PortTracker database. If necessary, a damage report can be printed.

Gate Pass – Clearance of a Bill of Lading

Goods in Port

Booking: 899/11-004 JOLLY VERDE ETA: 22/11/2008
 Shipping Line: AZAM AZAM MARINE Voyage: 12
 B/L No: D103Y Consignee: SAKATOLEH
 Place of Loading: FRLEH LE HAVRE Consignor: CAR AND TRUCKS
 Place of Discharge: TZDAR DAR ES SALAAM

Item(s)	Quantity Manifested	Quantity Discharged	Quantity Stored	Quantity Entered
Goods	Nb. Pack.	Weight	Nb. Pack.	Weight
1 2 USED CARS NOT WORKING	2	3000	2	3000

Discharge Information

Blocks where the BL is stored:

Area	Stack	Date	Time	Type	Item	Goods
W0002R22	07/04/2002	14:34	Entry of Goods	1	2 USED CAR	
W0002R22	07/04/2002	14:48	Inventory	1	2 USED CAR	
W0001B01	05/06/2002	09:48	Entry of Goods	1	2 USED CAR	

Clearance of a BL

Booking: 899/11-004 JOLLY VERDE
 Sh. Line: AZAM AZAM
 Pl. Loading: FRLEH LE HAVRE
 Pl. Discharge: TZDAR DAR ES SALAAM
 B/L No: D103Y

Port Release Order: PRO 954301 Date: 18/06/2002

Loss Clearance No: AZX453455 Date: 17/06/02

Creation of a Gate Pass

Gate Pass No: 000000160

Mode of Transport:
 Road
 Railway

Type of Pass:
 Cargo Items
 Full Containers
 Empty Containers

Before issuing a Gate Pass, the user is able to check that the cargo is in the port and that the BL has been cleared.

Gate Pass – Issuance and Confirmation

Creation of a Gate Pass Road - General Cargo

Gate Pass: Goods and Containers

Pass No: 000000160 Status: New

General Data

Gate: [] Port Clearance No: PRR
 Date and Time: [] Customs Clearance No: AZA
 By: [] Storage Area: []

Ship Booking No: 899/11-004 Voyage: []
 Vessel: JOLLY VERDE
 Shipping Line: AZAM AZAM MARINE
 Place of loading: FRLEH LE HAVRE
 Place of discharge: TZDAR DAR ES SALAAM
 B/L Number: D103Y

Entry Made on: [] at [] by: XAV
 Last Update on: [] at [] by: []
 Printed on: [] at [] by: []
 Cancelled on: [] at [] by: []

Date: 20/06/2002 Page: 1

Port and Shipping Organisation
GATE PASS "A" MANIFESTED CARGO
 (valid on day of issue)

ATTENTION: (1) Do not accept this form if it contains any alterations.
 (2) This gate pass is only issued after all customs requirements have been complied with.

Gate Pass No	Port Release Order	Check at the gate
000000160	Customs Clearance No	Location / Shed / Yard
Vessel: JOLLY VERDE	ETA	BL No
Shipping Line: AZAM MARINE		
Clearing Agent: ARUSHA FREIGHT & TRANS A LTD		Pass No: 000000160
Consignatory Agent: ARUSHA FREIGHT & TRANS A LTD		Gate: 08
Header: TANZANIA RAILWAY CORPORATION		Date and Time: 20/06/2002 11:32
Driver's Name: JOHN LEWIS	Driver's Licence No	By: GATE
Print Pass No: X14602		
Goods loaded on truck	Vehicle Registration No	
Commodity: 2 USED CARS NOT WORKING		
Package Number: 0		
Type of package: 5 ROAD OTHER		
Direct Weight (kg): 3000		
Volume (in cubic meters): 3.000		

This screen records the exit of goods and containers. No cancellation of this entry will be allowed.

The Gate Pass is created and printed at the shed. Exit of goods is then confirmed at the gate.

Revitalizing Inter-Arab Maritime Trade

We trust these ideas are useful

THANK YOU !

