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COMMITTEE ON DISARMAMENT

Ad Hoc Working Group on a
Nuclear Test Ban

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List of documents relating to a Nuclear Test Ban, submitted to the
Conference of the Eighteen-Nation Committee on Disarmament,
the Conference of the Committee on Disarmament and the
Committee on Disarmament

I. DOCUMENTS OF THE CONFERENCE OF THE EIGHTEEN-NATION
COMMITTEE ON DISARMAMENT

- Draft Treaty on the Discontinuance of Nuclear Weapon Tests, submitted by the United Kingdom and the United States on 21 March 1962 (ENDC/9)

- Statement by the Soviet Government, dated 27 November 1961, in connection with the resumption of negotiations on the discontinuance of nuclear weapon tests and text of a draft agreement on the discontinuance of nuclear and thermonuclear weapon tests, submitted by the Union of Soviet Socialist Republics on 22 March 1962 (ENDC/11)

- Joint Memorandum, submitted by Brazil, Burma, Ethiopia, India, Mexico, Nigeria, Sweden and United Arab Republic, on 16 April 1962 (ENDC/28)

- Questions submitted by the Delegation of the United States with respect to the Eight Power Joint Memorandum (ENDC/28), on 17 April 1962 (ENDC/29)

- Statement by the Soviet Government dated 19 April 1962. (ENDC/32)

- Draft treaty banning nuclear weapon tests in all environments, submitted by the United Kingdom and the United States on 27 August 1962 (ENDC/58)

- Draft treaty banning nuclear weapon tests in the atmosphere, outer space, and underwater, submitted by the United Kingdom and the United States on 27 August 1962 (ENDC/59)

- Report to the General Assembly of the United Nations with regard to the cessation of nuclear weapon tests, dated 7 December 1962 (ENDC/68)

- Memorandum of position concerning the cessation of nuclear weapon tests, submitted by the United Kingdom and the United States on 1 April 1963 (ENDC/78)

- Joint Memorandum on the Question of the Cessation of Nuclear Weapon Tests, submitted by Ethiopia, Nigeria and the United Arab Republic on 10 June 1963 (ENDC/94)

- Working Paper containing a Synopsis of Suggestions by the Non-Aligned Members of the Eighteen-Nation Committee concerning a Treaty on the Discontinuance of Nuclear Weapon Tests, 12 February - 10 June 1963 (Prepared by the Secretariat and circulated at the request of the Delegation of Sweden on 19 June 1963) (ENDC/96)

- Suggestion made by Ambassador Padilla Nervo on 30 November 1962 at the 85th Plenary Meeting of the Conference concerning an Interim Arrangement suspending all Underground Tests */ circulated at the request of Mexico on 2 July 1963 (ENDC/99)

- Joint Memorandum, submitted by Brazil, Burma, Ethiopia, India, Mexico, Nigeria, Sweden, United Arab Republic, on 14 September 1964 (ENDC/145)

- Memorandum on international co-operation for the detection of underground nuclear explosions, submitted by Sweden on 2 September 1965 (ENDC/154)

- Notes on United Kingdom Research on techniques for distinguishing between earthquakes and underground explosions, submitted by the United Kingdom on 9 September 1965 (ENDC/155)

- Joint memorandum on a comprehensive test-ban treaty, submitted by Brazil, Burma, Ethiopia, India, Mexico, Nigeria, Sweden and the United Arab Republic on 15 September 1965 (ENDC/159)

*/ This suggestion should be read along with and in the context of the suggestion of Mexico made on 15 March 1963, and contained in the Synopsis of Suggestions by the Non-Aligned Members of 19 June 1963, under the heading "Interim Arrangement". (ENDC/96)

- Joint Memorandum on a comprehensive test-ban treaty, submitted by Brazil, Burma, Ethiopia, India, Mexico, Nigeria, Sweden and the United Arab Republic on 17 August 1966 (ENDC/177)

- Working paper on determination of the location of seismic events, submitted by the United States on 23 August 1966 (ENDC/182)

- Memorandum on the control of an underground test-ban treaty, submitted by Sweden on 19 July 1967 (ENDC/191)

- Working paper on the comprehensive test-ban treaty, submitted by the United Kingdom on 20 August 1968 (ENDC/232)

- Working paper on underground nuclear explosions, submitted by Italy on 23 August 1968 (ENDC/234)*

- Joint Memorandum on a comprehensive test ban treaty, submitted by Brazil, Burma, Ethiopia, India, Mexico, Nigeria, Sweden and the United Arab Republic on 26 August 1968 (ENDC/235)

- Working paper with suggestions as to possible provisions of a treaty banning underground nuclear-weapon tests, submitted by Sweden on 1 April 1969 (ENDC/242)**

- Working paper on the comprehensive test-ban treaty, submitted by Nigeria on 15 May 1969 (ENDC/246)

- Additional suggestions on underground nuclear explosions, following the Italian working paper (ENDC/234) of August 1968, submitted by Italy on 22 May 1969 (ENDC/250)

*/ See also document ENDC/250, below.

** See also document CD 348, below.

- Revised Working Paper on requests to Governments for information about exchange of seismological data, submitted by Canada on 18 August 1969 (ENDC/251/Rev.1)

- Working Paper on Seismic Investigation Proposal, submitted by the United States on 23 May 1969 (ENDC/252)

- Working Paper describing the Hagfors Seismological Observatory in Sweden, submitted by Sweden on 14 August 1969 (ENDC/257)

- Further Notes on United Kingdom Research of Techniques for Distinguishing Between Earthquakes and Underground Explosions, submitted by the United Kingdom on 14 August 1969 (ENDC/258)

- Remarks by G. Ignatieff, Representative of Canada at Informal Meeting on CTB, Wednesday, 13 August 1969, circulated at the request of Canada on 14 August 1969 (ENDC/259)

- Statement by Ambassador K. Asakai at the informal meeting of ENDC on 13 August 1969, circulated at the request of Japan on 14 August 1969 (ENDC/260)

- Statement by Ambassador M.A. Husain at the Informal Meeting of the ENDC held on 13 August 1969 to consider the question of a Comprehensive Nuclear Test Ban, circulated at the request of India on 14 August 1969 (ENDC/261)

- Remarks by Ambassador James Leonard on Seismic Data Exchange and the Canadian Working Paper (ENDC/251) at Informal Meeting on 13 August 1969, circulated at the request of the United States on 14 August 1969 (ENDC/262)

II. DOCUMENTS OF THE CONFERENCE OF THE COMMITTEE ON
DISARMAMENT

- Working paper on verification of a comprehensive test ban treaty, submitted by the United Kingdom on 28 July 1970 (CCD/296)
- Working paper introducing "Seismic data from Rulison", submitted by the United States on 4 August 1970 (CCD/298)
- Working paper on seismological capabilities in detecting and identifying underground nuclear explosions, submitted by Canada on 10 August 1970 (CCD/305)
- Technical Working Paper on a comparison of two systems for verification of a comprehensive test ban, submitted by Sweden on 12 August 1970 (CCD/306)
- Working paper concerning seismic detection and identification of underground nuclear explosions, submitted by the Netherlands on 18 March 1971 (CCD/323)
- Working paper on the seismological detection and identification of underground nuclear explosions, submitted by Canada on 29 June 1971 (CCD/327 and Add.1)
- Working paper on seismological verification of a ban on underground nuclear weapons tests, submitted by Sweden on 29 June 1971 (CCD/329)
- Working paper containing remarks of Dr. Stephan Lukasik, Director of the US Advanced Research Projects Agency, regarding research on seismic detection, location and identification of earthquakes and explosions, presented at Informal Meeting on 30 June 1971, submitted by the United States on 30 June 1971 (CCD/330)

- Working paper on the problem of underground nuclear explosions, submitted by Italy on 1 July 1971 (CCD/331)

- Working paper on possible progress towards the suspension of nuclear and thermonuclear tests, submitted by Canada on 22 July 1971 (CCD/336)

- Working paper suggesting some provisions of a treaty banning underground nuclear weapon tests, submitted by Pakistan on 12 August 1971 (CCD/340)

- Working paper containing remarks of Dr. Shigeji Suyehiro, the Japan Meteorological Agency, concerning the usefulness of the employment of ocean-bottom seismographs and a universally acceptable means of determining the magnitude of seismic events, presented at the Informal Meeting on 30 June 1971, circulated at the request of Japan on 24 August 1971 (CCD/345)

- Working paper with suggestions as to possible provisions of a Treaty Banning Underground Nuclear Weapons Tests (revised version of the Swedish working paper ENDC/242 of 1 April 1969), submitted by Sweden on 2 September 1971 (CCD/348)

- Working paper on the seismicity of the USA, the USSR and China, submitted by the Netherlands on 7 September 1971 (CCD/349)

- Joint memorandum on a comprehensive test ban treaty, submitted by Burma, Egypt, Ethiopia, Mexico, Morocco, Nigeria, Pakistan, Sweden and Yugoslavia on 30 September 1971 (CCD/354)

- Working paper on seismic yields of underground explosions - estimating yields of underground explosions from amplitudes of seismic signals, submitted by the United Kingdom on 25 April 1972 (CCD/363/Rev.1)

- Working paper on measures to improve tripartite co-operation among Canada, Japan and Sweden in the detection, location and identification of underground nuclear explosions by seismological means, submitted by Canada, Japan and Sweden, on 20 July 1972 (CCD/376)

- Working paper on an experiment in international co-operation: short-period seismological discrimination of shallow earthquakes and underground nuclear explosions, submitted by Canada and Sweden on 27 July 1972 (CCD/380)

- Working paper on seismic data handling and analysis for a comprehensive test ban, submitted by the United Kingdom on 22 August 1972 (CCD/386)

- A review of current progress and problems in seismic verification, submitted by the United States on 24 August 1972 (CCD/388)

- Working paper with points to be considered by experts on the verification of ban on underground nuclear explosions, submitted by Sweden on 24 April 1973 (CCD/397)

- Working paper on problems in determining the body wave magnitude, submitted by Japan on 24 April 1973 (CCD/399)

- Working paper on a review of the United Kingdom seismological research and development programme, submitted by the United Kingdom on 28 June 1973 (CCD/401)

- Working paper on the estimation of depth of seismic events, submitted by the United Kingdom on 28 June 1973 (CCD/402)

- A program of research related to problems in seismic verification, submitted by the United States on 5 July 1973 (CCD/404)
- Working paper reviewing recent Swedish scientific work on the verification of a ban on underground nuclear explosions, submitted by Sweden on 10 July 1973 (CCD/405)
- The verification of a comprehensive test ban by seismological means, submitted by Canada on 10 July 1973 (CCD/406)
- Comments on CCD/399, concerning magnitude determinations, submitted by the United States on 10 July 1973 (CCD/407)
- Working paper on comparison between earthquakes and underground explosions observed at the Matsushiro Seismological Observatory, submitted by Japan on 10 July 1973 (CCD/408)
- Some observations on detection and identification of underground nuclear explosions - prospects of international co-operation, submitted by Italy on 10 July 1973 (CCD/409)
- Letter dated 16 July 1973 from the Permanent Representative of Norway to the Special Representative of the Secretary-General to the Conference of the Committee on Disarmament transmitting a working paper by the Government of Norway on seismic research at the Norwegian Seismic Array (NOSAR) (CCD/411)
- Some observations on the verification of a ban on underground nuclear test explosions, submitted by the Netherlands on 28 August 1973 (CCD/416)

- Underground nuclear test activities in the United States and the Soviet Union from 1969 to 1973, submitted by Sweden on 1 August 1974 (CCD/438)

- Working paper on a development in discriminating between seismic sources, submitted by the United Kingdom on 13 August 1974 (CCD/440)

- Working paper on the identification of seismic events in the USSR using seismological data from observatories in Japan and Sweden, submitted by Japan and Sweden on 13 August 1974 (CCD/441)

- Working paper on the accuracy of locating seismic events, submitted by Japan on 13 August 1974 (CCD/442)

- Working paper containing views of a Japanese expert on the arms control implications of peaceful nuclear explosions (PNEs), submitted by Japan on 7 July 1975 (CCD/454)

- Working paper on arms control implications of nuclear explosions for peaceful purposes (PNEs), submitted by the United States on 10 July 1975 (CCD/456)

- Working paper reporting the summary proceedings of an informal scientific conference held 14 - 19 April 1975 to promote Canadian-Japanese-Swedish co-operation in the detection, location and identification of underground nuclear explosions by seismological means, submitted by Canada, Japan and Sweden on 14 July 1975 (CCD/457)
- Working paper on safeguards against the employment of multiple explosions to simulate earthquakes, submitted by the United Kingdom on 24 July 1975 (CCD/459)
- Letter dated 6 August 1975 from the Leader of the delegation of Mexico to the Acting Representative of the Secretary-General to the Conference of the Committee on Disarmament (CCD/464)
- Comments on the informal meetings of PNE experts by Ambassador M. Nisibori of Japan on 18 July 1975 (CCD/468 Rev.1)
- Informal meetings on the question of the arms control implications of peaceful nuclear explosions within the framework of the CTB, note being taken of operative paragraph 7 of General Assembly resolution 3257 (XXIX) - Comments made by Ambassador Mishra of India on 18 July 1975 (CCD/474)
- The test ban issue, submitted by Sweden on 26 March 1976 (CCD/481)
- Working paper on co-operative international measures to monitor a CTB, submitted by Sweden on 26 March 1976 (CCD/482)
- Letter dated 8 April 1976 from the Chargé d'Affaires, a.i. of Norway to the Special Representative of the Secretary-General to the Conference of the Committee on Disarmament transmitting a working paper on some new results in seismic discrimination (CCD/484)

- Working paper on the United Kingdom's contribution to research on seismological problems relating to underground nuclear tests, submitted by the United Kingdom on 12 April 1976 (CCD/486 and Corr.1)
- Working paper on the processing and communication of seismic data to provide for national means of verifying a test ban, submitted by the United Kingdom on 12 April 1976 (CCD/487 and Corr.1)
- Working paper on the recording and processing of P waves to provide seismograms suitable for discriminating between earthquakes and underground explosions, submitted by the United Kingdom on 12 April 1976 (CCD/488)
- Working paper on the estimation of focal depth by pP and sP phases, submitted by Japan on 13 April 1976 (CCD/489)
- The verification of a comprehensive test ban by seismological means, submitted by Canada on 20 April 1976 (CCD/490)
- Current status of research in seismic verification, submitted by the United States on 20 April 1976 (CCD/491)
- Text of a statement on a comprehensive test ban made by Mr. Fakley at an informal meeting of the CCD on Tuesday, 20 April 1976, circulated at the request of the United Kingdom on 21 April 1976 (CCD/492)
- Working paper containing statement by Dr. Shigeji Suyehiro at the informal meetings with participation of experts on a comprehensive test ban on 20 April 1976, circulated at the request of Japan on 26 April 1976 (CCD/493)

- Letter dated 28 July 1976 from Mr. Leif Blomqvist of the Permanent Mission of Finland to the Special Representative of the Secretary-General to the Conference of the Committee on Disarmament transmitting a working paper by the Government of Finland on Finnish capabilities of seismological detection of underground nuclear explosions (CCD/509)

- Draft treaty on the complete and general prohibition of nuclear weapon tests, submitted by the Soviet Union on 22 February 1977 (CCD/523)

- Working paper on location capability of a multi-array stations system, submitted by Japan on 24 February 1977 (CCD/524)

- Draft treaty banning nuclear weapon test explosions in all environments, submitted by Sweden on 1 March and 5 July 1977 (CCD/526 and Rev.1)

- Letter dated 20 July 1977 from the Chargé d'Affaires, a.i. of the Permanent Mission of New Zealand to the United Nations Office at Geneva addressed to the Special Representative of the Secretary-General to the Conference of the Committee on Disarmament transmitting the views of the Government of New Zealand on a comprehensive test ban treaty (CCD/536)

- Working paper on focal depth resolvability of a multi-array stations system, submitted by Japan on 3 August 1977 (CCD/540)

III. DOCUMENTS OF THE COMMITTEE ON DISARMAMENT

- Working Paper on the Use of Short-Period Initial Motion Data for Discrimination Purposes, submitted by the Netherlands on 1 March 1979 (D 7)
- Working Paper on International Seismological Datacenter Demonstration Facilities in Sweden, submitted by Sweden on 30 July 1979 (CD 45)
- Statement of the Group of 21 on a Comprehensive Nuclear Test Ban Treaty, of 4 March 1980 (D 72)
- Working Paper -- Workshop on the demonstration of procedures to obtain seismic data at individual stations under different conditions, submitted by the Federal Republic of Germany on 5 March 1980 (D 73)
- Comprehensive nuclear test ban, report of the Secretary-General, of 16 April 1980 (CD 86)
- An illustrative list of subjects which might be examined by the CD in considering Agenda Item 1 (Nuclear Test Ban), submitted by Australia on 22 April 1980 (D 95)
- Letter dated 30 July 1980 from the Permanent Representatives of the Union of Soviet Socialist Republics, the United Kingdom of Great Britain and Northern Ireland and the United States of America transmitting a document entitled 'Tripartite Report to the Committee on Disarmament', submitted by the Union of Soviet Socialist Republics, the United Kingdom of Great Britain and Northern Ireland and the United States of America on 30 July 1980 (D 130)
- Statement by the Group of 21 on Item 1 of the Agenda of the Committee on Disarmament entitled 'Nuclear Test Ban', of 24 April 1981 (D 181)

- .. Statement of the Group of 21 on Item 1 of the Agenda of the
Committee on Disarmament entitled 'Nuclear Test Ban', of 8 July 1981
(D, 192).

- .. Statement of a Group of socialist countries concerning a nuclear
test ban, of 13 July 1981 (D 194).

- .. An International System for the Detection of Airborne Radioactivity
from Nuclear Explosions, submitted by Sweden on 8 March 1982 (D, 257).