

No. 18034

**UNITED STATES OF AMERICA
and
UNION OF SOVIET SOCIALIST REPUBLICS**

Memorandum of Understanding relating to a deep-sea drilling project. Signed at Washington on 27 February 1974

Authentic texts: English and Russian.

Registered by the United States of America on 14 November 1979.

**ÉTATS-UNIS D'AMÉRIQUE
et
UNION DES RÉPUBLIQUES SOCIALISTES
SOVIÉTIQUES**

Mémoire d'accord relatif à un projet de forage en mer en eaux profondes. Signé à Washington le 27 février 1974

Textes authentiques : anglais et russe.

Enregistré par les États-Unis d'Amérique le 14 novembre 1979.

MEMORANDUM OF UNDERSTANDING¹ BETWEEN THE U.S. NATIONAL SCIENCE FOUNDATION AND THE U.S.S.R. ACADEMY OF SCIENCES ON PARTICIPATION OF THE U.S.S.R. IN THE DEEP SEA DRILLING PROJECT

In accordance with the Agreement between the Government of the U.S.S.R. and the Government of the U.S.A. on Scientific and Technical Cooperation, signed May 24, 1972,² and with the Agreement between the Government of the U.S.S.R. and the Government of the U.S.A. on Cooperation in the Field of World Ocean Studies, signed June 19, 1973,³

The sides have agreed as follows:

1. In accordance with the Record of Discussions between the U.S.S.R. Academy of Sciences and the U.S. National Science Foundation of October 16-20, 1972, the U.S.S.R. will contribute to the support of the Deep Sea Drilling Project and its possible extension to a program of deep crustal drilling by means of a financial payment in U.S. dollars of a total sum of one million dollars annually. The U.S.S.R. will make this payment at an annual rate of one million dollars for a period of five years, beginning January 1, 1974. The payment of this amount will take place quarterly at the rate of 250,000 U.S. dollars through the U.S. National Science Foundation. The financial contributions of all participants in the DSDP will be commingled to support the total program costs. In the event that the project is terminated, the U.S.S.R. will be reimbursed on a prorata basis.

2. The cost of the salaries of Soviet scientists who participate in the DSDP will be paid by the U.S.S.R. The cost of internal U.S. travel and per diem of the members or alternative designates of the advisory committee (executive, planning and advisory functions) for working sessions of this committee will be paid by the DSDP. All other costs, including the cost of travel to and from the U.S., will be paid by the U.S.S.R. The costs of participation in such meetings held outside the U.S. will be paid by each side for its own nationals. The cost of per diem for Soviet specialists on board *Glomar Challenger* will be paid by the DSDP. All other costs, including travel to and from *Glomar Challenger*, will be paid by the U.S.S.R. The cost of internal U.S. travel and per diem for post cruise conferences required for the preparation of the *Initial Reports* will be paid by the DSDP.*

3. The U.S.S.R. Academy of Sciences via the Institute of Oceanology is now and will continue to be a member of the DSDP scientific advisory committee constituted to provide scientific advice to the Scripps Institution of Oceanography, which functions as the manager of the DSDP. All members of the advisory committee will have an equal voice in the advisory committee deliberations.

4. The Scripps Institution of Oceanography selects the scientific team for each cruise. Because of the limited space for shipboard scientists aboard *Glomar Challenger* and in order to ensure equitable treatment for all non-U.S. nation partici-

* The details associated with travel and per diem arrangements will be furnished in a letter from the U.S. National Science Foundation to the U.S.S.R. Academy of Sciences.

¹ Came into force on 27 February 1974 by signature.

² United Nations, *Treaty Series*, vol. 852, p. 141.

³ *Ibid.*, vol. 917, p. 55.

pants, space, on the average, will be available for one to two Soviet scientists on each cruise of *Glomar Challenger* during Phase III of DSDP. In some circumstances, more Soviet participation may be appropriate. In the selection of areas in which cruises are to take place, the interests of Soviet scientists will be taken into account. It is expected that a Soviet scientist will be proposed to serve as co-chief scientist for a cruise at least once each year during Phase III of the DSDP. Selection of co-chief scientists for any extension of the DSDP shall be subject to discussion between representatives of the U.S. National Science Foundation and the U.S.S.R. Academy of Sciences.

All concrete proposals concerning participation of Soviet scientists in cruises of *Glomar Challenger* and in the scientific advisory committee will be sent to the Scripps Institution of Oceanography by the Chairman of the Soviet side of the U.S.-U.S.S.R. Joint Committee on Cooperation in World Ocean Studies or by persons designated by him.

5. The Soviet side will participate in general geophysical and special investigations of drilling sites by using U.S.S.R. oceanographic ships with the goal of assisting the planning and selection of sites for deep drilling which will be conducted throughout the period of the project. The results of these surveys by the Soviet side will be made freely available to all participants in the DSDP and any possible extension. These investigations will be coordinated between the Institute of Oceanology of the U.S.S.R. Academy of Sciences and the Scripps Institution of Oceanography.

6. The U.S.S.R. Academy of Sciences will direct and coordinate the research efforts of Soviet laboratories for the analyses of appropriate DSDP core samples. The results of these analyses will be provided to the Scripps Institution of Oceanography in an acceptable form and in sufficient time to allow the scheduled publication of each volume of the *Initial Reports of the Deep Sea Drilling Project*.

7. Scientific data from drilling site surveys and laboratory analyses that are gathered by the Institute of Oceanology for the preparation of the *Initial Reports of the Deep Sea Drilling Project* shall be provided to the Scripps Institution of Oceanography in time to meet mutually agreed schedules. Such scientific data will then be incorporated as appropriate in the *Initial Reports of the Deep Sea Drilling Project*.

8. In view of the U.S.S.R. contribution to the DSDP, 100 copies of each volume of the *Initial Reports of the Deep Sea Drilling Project*, beginning with Volume 20, will be provided to the Institute of Oceanology of the U.S.S.R. Academy of Sciences for free distribution among Soviet scientific establishments. The Soviet side may translate these volumes into the Russian language and may publish them in the U.S.S.R., in full or in part, without payment to or additional agreements with the American side. The U.S.S.R., likewise, will provide the U.S. National Science Foundation copies of all U.S.S.R. publications that are based on DSDP materials, which may be translated into English and published in the United States, in full or in part, without payment to or additional agreements with the Soviet side.

9. Other proposals of mutual interest for participation in the Deep Sea Drilling Project will be considered, as appropriate, by representatives of the U.S. National Science Foundation and the U.S.S.R. Academy of Sciences.

10. Scientific and administrative representatives of the U.S. National Science Foundation and the U.S.S.R. Academy of Sciences shall meet at least once a year as mutually agreed to review the program of the Deep Sea Drilling Project, including an annual financial report, and the terms and conditions of this agreement.

11. This Memorandum of Understanding may be terminated by either party giving the other party advance notice of at least six months.

12. DONE in Washington, D.C. on February 27, 1974, in duplicate, in the English and Russian languages, both texts being equally authentic.

[Signed]

T. B. OWEN
Assistant Director for National
and International Programs
U.S. National Science Foundation

Date: 27 February 1974

[Signed]

L. M. BREKHOVSKIKH
Member of the Presidium of the
U.S.S.R. Academy of Sciences
Academician

Date: 27.02.1974
