

No. 18638

UNITED STATES OF AMERICA
and
UNION OF SOVIET SOCIALIST REPUBLICS

Memorandum of Understanding on participation of the U.S.S.R. in the deep sea drilling project from January 1, 1979, through September 30, 1980. Signed at Washington on 16 February 1979, and Moscow on 21 February 1979

Authentic texts: English and Russian.

Registered by the United States of America on 18 April 1980.

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

Mémorandum d'accord relatif à la participation de l'URSS au projet de forage en mer en eaux profondes du 1^{er} janvier 1979 au 30 septembre 1980. Signé à Washington le 16 février 1979, et à Moscou le 21 février 1979

Textes authentiques : anglais et russe.

Enregistré par les États-Unis d'Amérique le 18 avril 1980.

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 FROM JANUARY 1, 1979, THROUGH SEPTEMBER 30, 1980

In accordance with the Agreement between the Government of the U.S.A. and the Government of the U.S.S.R. on Scientific and Technical Cooperation, signed July 8, 1977,² and with the Agreement between the Government of the U.S.A. and the Government of the U.S.S.R. on Cooperation in the Field of World Ocean Studies, signed June 19, 1973,³ and renewed by an exchange of notes dated December 15, 1978:⁴

The sides have agreed as follows:

1. In accordance with the Record of Discussions between the U.S. National Science Foundation and the U.S.S.R. Academy of Sciences of October 16-20, 1972, and with the Memorandum of Understanding 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, dated February 27, 1974,⁵ the U.S.S.R. Academy of Sciences will continue its participation in the Deep Sea Drilling Project from January 1, 1979, through September 30, 1980, and will make a financial payment for this period in the amount of one million fifty thousand U.S. dollars. The payment of this amount will take place in 1979 quarterly 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 *pro rata* basis.

2. The cost of the salaries of Soviet scientists who participate in the DSDP will be paid by the Soviet side.

2.1. Soviet representatives will participate in all the Project activities (meetings of the Executive and Planning Committees, Advisory Panels, post-cruise conferences and others) both in the U.S.A. and other countries under the following terms:

The Soviet side will pay the cost of travel of its scientists from the U.S.S.R. to a point of arrival in the country where a meeting or conference is held, and from the point of departure by Aeroflot flights. The DSDP will cover all the expenses of Soviet scientists within the country, namely: cost of hotel, per diem in the amount of twenty U.S. dollars from the day of arrival in the country through the day of departure by plane of the nearest Aeroflot flight and cost of travel within the country, including transportation from airport to hotel and vice versa.

¹ Came into force on 21 February 1979 by signature, with retroactive effect from 1 January 1979, in accordance with its provisions.

² United Nations, *Treaty Series*, vol. 1087, p. 101.

³ *Ibid.*, vol. 917, p. 55, and annex A in volume 1123, p. 414.

⁴ *Ibid.*, vol. 1170, No. A-13087.

⁵ *Ibid.*, vol. 1148, p. 55.

2.2. Soviet specialists will participate in cruises of *Glomar Challenger* under the following financial terms:

The Soviet side will pay the cost of travel of its scientists to and from *Glomar Challenger*, and the DSDP will provide Soviet scientists and technicians aboard *Glomar Challenger* with lodging and food and per diem of twelve U.S. dollars.

3. The U.S.S.R. Academy of Sciences will 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. During the period of validity of this Memorandum of Understanding, Soviet scientists will participate in six cruises of *Glomar Challenger*, and in each cruise space will be available for at least one Soviet scientist. In some circumstances, more Soviet participation may be appropriate. No less than seven Soviet scientists will participate in these cruises. 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, with the understanding that no less than one Soviet co-chief scientist shall serve on the cruises covered by this Memorandum of Understanding.

All formal 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, although during 1979 it is not anticipated that such activities will be undertaken by the Soviet side. 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 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 site surveys and shore-based laboratory analyses that are gathered by the U.S.S.R. Academy of Sciences for 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 new volume of the *Initial Reports of the Deep Sea Drilling Project* will be provided

to the LOPI 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.

10.1. 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.

10.2. Scientific and administrative representatives of the U.S. National Science Foundation and the U.S.S.R. Academy of Sciences may meet at the request of either side to review the program of the Deep Sea Drilling Project, and the terms and conditions of this Memorandum of Understanding in the U.S.A. and in the U.S.S.R.

11. This Memorandum of Understanding may be terminated by either side giving the other side advance notice of at least six months prior to the termination date.

12. This agreement will be effective upon its execution in duplicate in the English and Russian languages, both texts being equally authentic.

For the U.S. National Science
Foundation:

By: [Signed]

JOHN B. SLAUGHTER
Assistant Director
Astronomical, Atmospheric, Earth,
and Ocean Sciences

Date: 16 February 1979

For the U.S.S.R. Academy of Sciences:

By: [Signed]

Academician A. V. SIDORENKO
Vice President
U.S.S.R. Academy of Sciences

Date: 21 February 1979