

**MEMORANDUM OF UNDERSTANDING
BETWEEN
THE DEPARTMENT OF TRANSPORTATION OF THE
UNITED STATES OF AMERICA AND
THE MINISTRY OF TRANSPORTATION OF THE RUSSIAN FEDERATION
ON COOPERATION IN TRANSPORTATION SCIENCE AND TECHNOLOGY**

The Department of Transportation of the United States of America and the Ministry of Transportation of the Russian Federation (hereinafter referred to as "the Parties"):

Realizing that international cooperation in the field of transportation science and technology will strengthen the bonds of friendship and understanding between both countries;

Considering that transportation-related scientific and technological cooperation is important for the development of national economies;

Desiring to bring bilateral cooperation in the field of transportation into accord with new political, economic and social realities;

Wishing to cooperate on the basis of equity and mutual benefit;

Have agreed as follows:

ARTICLE I

Purpose

1. The purpose of this MOU is to strengthen transportation-related scientific and technological capabilities of the Parties, to create conditions for expanding relations between the extensive scientific and technological communities in both countries, to exchange transportation-related technologies, and to encourage application of new technologies developed by the Parties.

2. Principal objectives of this cooperation are to solve common transportation problems, to improve the safety level and usefulness of transportation systems in each country, and to implement transportation-related programs initiated pursuant to specific project agreements between technical agencies of the parties or with international organizations.

3. This MOU is subject to the Agreement between the Government of the United States of America and the Government of the Russian Federation on Science and Technology Cooperation, signed December 16, 1993 (hereinafter referred to as the "Science and Technology Agreement").

ARTICLE II

Policy Guidelines

The Parties shall conduct their cooperative transportation science and technology relationship based on the following principles:

1. Shared responsibilities and mutual and equitable contributions and benefits, commensurate with the two countries' respective scientific and technological strengths, interests, and resources;
2. Comparable access to government-sponsored or government-supported programs and facilities for visiting researchers, and comparable access to and exchange of information in transportation-related scientific and technological development;
3. Adequate and effective protection and equitable distribution of intellectual property rights introduced or created in the course of collaboration;
4. General transparency of policies and programs to facilitate mutual understanding and the identification of opportunities for coordination and cooperation; and
5. The widest possible dissemination of research results and related information, subject to applicable national laws and regulations.

ARTICLE III
Forms of Cooperation

1. The Parties shall encourage cooperation through exchanges of scientific and technical information; exchanges of scientists and technical experts; the conduct of joint research projects; the convening of joint seminars and meetings; training of scientists and technical experts; and other forms of scientific and technical cooperation as may be mutually agreed upon.

2. Pursuant to this MOU, the Parties may agree in writing to co-sponsor cooperative activities in the field of transportation science and technology with appropriate agencies of the governments of the United States of America and the Russian Federation.

3. The list of agreed topics for cooperation in areas of mutual interest is set forth in Annex I, which forms an integral part of this MOU.

4. The Parties shall encourage and facilitate, as appropriate, contacts and cooperation between other government agencies, universities, research centers, institutions, international organizations, private sector firms, and other entities engaged in transportation-related activities.

ARTICLE IV Joint Committee

1. The Parties hereby establish a Joint Committee on Cooperation in Transportation Science and Technology (hereinafter referred to as the "Joint Committee") to coordinate and supervise the development and implementation of cooperative activities conducted under this MOU.

2. The Joint Committee shall take such action as is necessary for the effective implementation of this MOU, including but not limited to: designation of participating organizations, enterprises, and institutions responsible for carrying out cooperative activities; authorization of project agreements concerning specific programs of cooperation.

3. The composition of the Joint Committee and the principals for its operation are as follows:

- A. The Joint Committee shall be co-chaired by the Parties.
- B. Each Party shall designate an equal number of representatives who shall serve as members of the Joint Committee.
- C. Members of the Joint Committee shall serve without compensation.
- D. The Joint Committee shall meet on an annual basis; the location shall alternate between the United States of America and the Russian Federation, unless agreed otherwise.

ARTICLE V
Information and Intellectual Property

1. Scientific and technological information of a non-proprietary nature resulting from cooperation under this MOU, other than information which is not disclosed for commercial or industrial reasons, shall be made available to the world scientific community, unless otherwise agreed, through procedures established by the Parties.

2. Provisions for the protection and distribution of intellectual property created or furnished in the course of cooperative activities under this MOU and future Annexes are set forth in Annex II of the Science and Technology Agreement.

ARTICLE VI
Implementing Arrangements

1. All activities under this MOU, including exchanges of technical information and equipment, exchanges of specialists, training of scientist and technical experts, and the carrying out of cooperative activities, shall be conducted in accordance with laws, regulations and procedures of the Parties, and shall be subject to the availability of personnel and appropriated funds. Each Party or participating organization will bear the costs of its participation in carrying out cooperative activities under this MOU, unless otherwise mutually agreed.

2. The activities to be carried out under this MOU may be proposed by either Party and shall be documented in work plans or other correspondence, establishing mutual written agreement in advance of each activity.

3. This MOU is not intended to amend or otherwise modify existing transportation science and technology agreements and other arrangements.

ARTICLE VII
Other Conditions

1. Each Party shall, in accordance with its international obligations, national laws and regulations, facilitate the entry into and exit from its territory of those persons engaged in activities under this MOU, as well as facilitate duty free entry for necessary materials and equipment required for joint activities.

2. Each Party, consistent with its national laws and regulations, shall facilitate prompt and efficient access of persons of the other Party implementing cooperative activities under this MOU, including travel to its relevant geographic areas, visits to institutions, access to relevant data and materials, and arrangement of contacts with individual scientists, specialists, and researchers of both sides as needed to carry out those activities.

3. The Parties may, as mutually agreed, invite scientists, technical experts and entities of third countries or international organizations, at their own expense unless otherwise agreed, to participate in projects and programs being carried out under this MOU.

ARTICLE VIII

1. This MOU shall enter into force upon signature by both Parties and shall remain in force for five years. It may be extended by written agreement of the Parties.

2. This MOU may be amended at any time by written agreement of the Parties.

3. This MOU may be terminated at any time by either Party upon six months written notice to the other Party.

4. Termination of this MOU shall not affect the implementation of any cooperative activity undertaken pursuant to this MOU that is not fully implemented at the time of the termination of this MOU.

IN WITNESS WHEREOF, the undersigned, being duly authorized by their respective Governments, have signed this MOU.

DONE at Washington, in duplicate, this twenty-third day of June, 1994, in the English and Russian languages, each text being equally authentic.

FOR THE DEPARTMENT OF
TRANSPORTATION OF THE
UNITED STATES OF AMERICA:



FOR THE MINISTRY OF
TRANSPORTATION OF THE
RUSSIAN FEDERATION:



ANNEX I

AREAS AND TOPICS FOR COOPERATION

In the Area of Transportation Policy

1. Improvement of transportation-related laws and regulations
2. Environmental impact of transportation
3. Transportation safety
4. Training of staff and specialists

In the Area of Civil Aviation

1. Air traffic control (ATC) system requirements:
 - A. Microwave landing systems (MLS) subgroup
 - B. Aviation communication subgroup
 - C. Satellite navigation/frequency spectrum subgroup
 - D. Subgroup to implement the technical agreement between the United States Department of Transportation and the Russian Federation Ministry of Transport signed at Moscow, 1993 on Overflight Air Traffic Services Routings and Entry Points (new subgroup);
2. Working group on accident investigation;
3. Working group on aviation medicine/human factors;
4. Working group on aviation training; and
5. Working group on airport planning and development.

In the Area of Highways

1. Strategic policy planning and management training;
2. Road administration and organization;
3. Highway planning, rehabilitation and construction;
4. Bridge rehabilitation; and
5. Assimilating financial and accounting principles for passenger transport enterprises.
6. Effects of highways on the environment
7. Intelligent vehicle highway system (IVHS)

In the Area of Public Transportation

1. Environmental impact of transit projects;
2. Transit financial management and innovative financing;
3. Land use planning in old and new cities;
4. Privatization and public/private partnerships;
5. Alternate fuels research; and
6. International intermodal facilities.

In the Area of Maritime and River Transport

1. Port privatization;
2. Port investment planning;
3. Facilitation of intermodal transportation;
4. Improvements in icebreaking technology;
5. Marine and river inspection and safety; and
6. Maritime and river law enforcement (in areas under jurisdiction of the Ministry of Transport)