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REPORT

OF THE MEETING OF REPRESENTATIVES OF THE FIFTH WORKING GROUP ON MEDICAL SUPPORT FOR THE EXPERIMENTAL FLIGHT OF SOYUZ AND APOLLO

Moscow, March 2, 1973

In accordance with the agreement, the representatives of the Fifth Working Group considered certain problems of medical support for the joint experimental flight of the Soyuz and Apollo spacecraft.

1. General Provisions

1.1. The parties agreed that medical support for the joint experimental flight of the Soyuz and Apollo spacecraft will be accomplished by each side in accordance with the principles which have been adopted by them at the present time.

2. Medical Monitoring During the Flight

2.1. Both parties have concluded that when crew members are located in the spacecraft of the other party during the experimental flight, medical monitoring of the astronauts will be accomplished from the results of questioning them and from data of television observation.

3. Provision of Radiation Safety

3.1. The parties feel that the existing systems of dosimetric monitoring on board the Soyuz and Apollo spacecraft and the data on prediction of the radiation situation received by the ground stations are adequate to ensure the radiation safety of the experimental flight.

4. Provision of Means of Rendering Medical Aid

4.1. In the event that disorders develop in the health condition, requiring emergency treatment, medical aid will be rendered by the facilities of the spacecraft in which the astronauts are located.

4.2. For convenience of the on board first aid facility, both parties have agreed to study the problem of unification of the marking and coding of medicines in the on board medicine chests and to discuss this problem in more detail at subsequent meetings.

4.3. Both parties feel that it is necessary to make a selection and to agree during the first half of 1974 upon the inventory of medicines to test them for individual tolerance.

4.4. Both parties have agreed to present each other with three units each of the medicinal packages during the second half of 1974 in order to acquaint the astronauts with the on board medical aid facilities and to test the medicinals for individual tolerance.

5. Provision of Food, Water and Facilities for Personal Hygiene

5.1. Approval of the on board food stores of the other party, as well as development of skills and use of the personal hygiene facilities are considered necessary during the preflight training of the crews for familiarization and evaluation of individual tolerance.

5.2. In order to carry out the investigations indicated in item 5.1, the parties have agreed to exchange, during the second half of 1974, 6 sets of on board rations and 6 sets of the personal hygiene facilities.

6. Preflight and Postflight Examination of the Spacecraft
Crews Taking Part in the Experimental Flight

6.1. Both parties feel that it is necessary to conclude a final agreement on the extent and methods of conducting pre- and postflight examinations with respect to the experimental joint flight of the Soyuz and Apollo spacecraft no later than the first half of 1974, with consideration of the results of the work of the Third Meeting of the Joint Soviet-American Group on Space Biology and Medicine.

7. Exchange of Information

7.1. The parties have agreed on the feasibility of exchanging the medical data, required for writing the joint report, after the experimental flight of the Soyuz and Apollo spacecraft. Procedures for the exchange of information are subject to further discussion and coordination.

7.2. The parties feel that it is feasible to continue discussion of the problems of medical support of the experimental flight of Soyuz and Apollo during the main and subsequent meetings of the Fifth Working Group. The list of problems may be defined more precisely by correspondence.

A. Yegorov
March, 1973

R. Hawkins
March, 1973