IAA Study Group Status Report

**Responsible Commission:** 2 Space Life Science

**Study Number and Title:** 2.14 Medical Support for an International Human Expedition to Mars

**Short Study Description** (repeat from Study Group Proposal):

To define and agree internationally the basic principles of medical support for future manned deep space exploration missions including flight to Mars

**Intermediate Goals:**

1. Identification of system of risks of piloted flights in deep space in comparison with flights in Earth orbit

2. Describe the potential clinic-physiological problems menacing to health of astronauts and success of a performance of the mission

3. Identification of new components of system of medical support in comparison with operating one and the description of their main characteristics.

4. Development of basic design of medical support system for deep space manned missions and main requirements for space systems development.

5. Identification of differences of national agencies' approach and clarification of rationales for them.

6. Development of a strategic road map for creation of system of medical support of deep space manned missions and the offer on cooperation of agencies in this work

**Progress in past six months:**

The study group has been approved and members confirmed. A first telecon among members is planned for this fall.

**Website Study Information up to date?** (Study Group Membership, Study Plan and Schedule): Yes

**Issues requiring resolution?** (recommend approach): None

**Product Deliveries on Schedule?** (If modified explain rationale): Yes
Study Team Member Changes? None

Name of person providing Study Group Status (Study Group Chair or Co-Chair): Jeffrey R. Davis, MD

Status Report Date: August 16, 2013

Study Team Membership Changes

Effectivity Date:

Discontinue:

Add: