

## **IAA Study Group Status Report**

**Responsible Commission:** Commission 4. “Space System Operation & Utilization”

**Study Number and Title:** 4.9. INTERNATIONAL AEROSPACE SYSTEM FOR MONITORING OF GLOBAL GEOPHYSICAL PHENOMENA AND FORECASTING OF NATURAL AND MAN-CAUSED DISASTERS

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

Research of possibilities to decrease the dangerous and negative consequences of global geophysical phenomena, natural and man-caused disasters with use of up-to-date and advanced aerospace facilities and technologies of monitoring.

**Progress in past six months:**

1. Report “Initiation of The Project To Create An International Aerospace System For Monitoring of Global Geophysical Phenomena and Forecasting of Natural and Man-Caused Disasters”.
2. Report “Results of Researches of Natural Disasters Signs and Possibilities of Up-to-Date Equipment for their Registration”.
3. Report “Results of Pilot Project to Diagnose in Earthquake Signs on the Base of Data Obtained from Navigation Satellites”
4. Draft of Address of IAA to UN «About the International Aerospace System for Monitoring of Global Geophysical Phenomena and Forecasting of Natural and Man-Caused Disasters».
5. Resolution of IAA Study Group 4.9.
6. Finishing the preparation for the First International Specialized Symposium “Space and Global Security of Humanity” (November 2 – 4 2009, Cyprus).

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

1. Study Group Membership (updated, see attached file).
2. Summaries of SG 4.9 interim reports
3. Draft of Address of IAA to UN «About the International Aerospace System for Monitoring of Global Geophysical Phenomena and Forecasting of Natural and Man-Caused Disasters».
4. Resolution of IAA Study Group 4.9 (after signing of all members of IAA Study Group 4.9, at present Resolution is signed by 16 members of SG 4.9 of 20).

**Issues requiring resolution?** (recommend approach):

**Product Deliveries on Schedule?** (If modified explain rationale):

In accordance with schedule submitted in for Forming an IAA Study Group

**Study Team Member Changes?** (List any Study Team Members that you wish to discontinue, and provide names plus contact coordinates of any Members you wish to add on the second page of this Study Update form.) Note: Complete contact information including email, tel. and fax must be provided for all additions. Only Members with complete contact information will be listed and receive formal appointment letters from the IAA Secretariat.)

**MEMBERSHIP LIST OF STUDY GROUP 4.9 – IN ATTACHED FILE**  
**(Date 22.09.2009)**

**Name of person providing Study Group Status** (Study Group Chair or Co-Chair):  
Co-Chair of Study Group Prof. Valery MENSHIKOV

**Status Report Date: September 21, 2009**

**Study Team Membership Changes**

Effectivity Date:  
September 21, 2009

**Discontinue:**  
none

**Add:**  
Piero Boccardo  
Sergey Lysy  
Takashi Moriyama  
Victor P Savinykh  
Yuriy Urlichich  
Sisi Zlatanova