

IAA Study Group Status Report

Responsible Commission: Commission V

Study Number and Title: SG 5-14 Reference Report on Space Debris

Short Study Description (repeat from Study Group Proposal):

Reference status of the Space Debris problematics, acting as an update of the IAA Position Papers 1993 and Revision from 2001, taking into account the IAA Position Papers on Space Debris Mitigation (SG5.1) and on Space Debris Remediation (SG5.5). Available elements from on-going SG5.10 devoted to Policy, Legal and Economic Issues in Orbital Debris Removal will also be included.

Progress in past six months:

6 chapters out of 12 have been provided in draft form. Some more are expected for the meeting of IAA Space Debris Committee on September 27th

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

The SG 5-14 membership is the following, together with the study plan:

Introduction, recall of scope and past studies: Christophe Bonnal	4 pages
Present status: Heiner Klinkrad	10 pages
Measurements: Thomas Schildknecht & Vladimir Agapov	10 pages
Space surveillance & collision: Fernand Alby & Dave Finkelman	10 pages
Reentering space objects: Paula Krisko & Mark Matney	10 pages
Future environment: Paula Krisko	10 pages
Debris mitigation: Mark Matney & MYS Prasad	10 pages
Remediation: Darren McKnight & Seishiro Kibe	10 pages
Protection: Franck Schäfer	10 pages
Legal: Tanja Masson-Zwaan	10 pages
References & Standards: Christophe Bonnal	6 pages
International aspects: Charlotte Mathieu & MYS Prasad	6 pages

Status during the March meeting of the IAA Space Debris Committee in Paris
First Draft in Toronto reviewed within the September meeting of the IAA Space Debris Committee
Final draft expected in March 2015
Delivery to IAA for Peer Reviewing and final process
Effective publication expected before IAC 2015

Issues requiring resolution? (recommend approach):

To be identified, if any, during the IAA SD Committee meeting

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

Probably not up to expectations, but status will be made during the IAA SD Committee meeting

Study Team Member Changes?

Exercise already done with IAA secretariat

Name of person providing Study Group Status (Study Group Chair or Co-Chair):

Study Group Chair, Christophe Bonnal

Status Report Date: September 3rd, 2014

Study Team Membership Changes

Effectivity Date:

Remove:

Add: