Proposal for Forming an IAA Study Group  SG 5.17

Title of Study: Space Debris Situation Report - 2019

Proposer(s):
(Must be member(s) of the Academy M or CM)
Christophe Bonnal (M)
Darren McKnight (M)

Primary IAA Commission Preference: 5
(From Commission 1 to Commission 6)
Commissions: 1 Space Physical Sciences, 2 Space Life Sciences, 3 Space Technology & Systems Development, 4 Space Systems Operations & Utilization, 5 Space Policy, Law & Economics, 6 Space and Society: Culture and Education

Secondary IAA Commission Interests: 3, 4, 6
(From Commission 1 to Commission 6)

Members of Study Team

Chair(s):
(Must be member(s) of the Academy, M or CM)
Christophe Bonnal
Darren McKnight

Secretary:

Other Members:
(Open to members and non-members of the Academy)
To be determined, based on the list from SG 5.14 + new members

Short Description of Scope of Study

Overall Goal:
(Expected scientific or practical benefit of the study group’s efforts)
Update of the Space Debris Situation Report – 2016 including new elements, potential improvements and updates.
Following the positive remarks of peer reviewers:
- Improvement of the structure of the document
- Inclusion of data coming from major and minor players (China, India, Ukraine, Korea, …)
- Inclusion of key new topics such as Large Constellations, Nano-Cube sats, improvements of SSA capabilities...
- Update of the figures to cope with latest available ones
Methodology:
(Email works, workshops, stand alone conferences, interim publications, etc.)
Exchange by mail
Status every 6 month during the IAA Space Debris Committee meetings

Time Line:
(Cannot exceed three years)
First draft by March 2018
Final draft for Peer Reviewing by October 2018
Publication in March 2019

Final Product (Report, Publication, etc.):
Report

Target Community:
Very general: Industry, Agencies, Labs, Universities, and Media

Support Needed:
None

Potential Sponsors:
None

To be returned to the IAA Secretary General Paris by fax: 33 1 47 23 82 16 or by email: sgeneral@iaamail.org

Date: March 19th, 2017
Name: Christophe Bonnal
(No Signature required if document authenticated).