

IAA Study Group Status Report

Responsible Commission: Commission III

Study Number and Title: 3.24 Road to Space Elevator Era

Short Study Description (repeat from Study Group Proposal):

This SG is the follow-up of the SG3.13 “Assessment of the Technological Feasibility and Challenges of the Space Elevator Concept” with the same baseline design assumptions.

Development of a unique space transportation system of the future, called a space elevator, should be accomplished with more international cooperation and should contribute to the overall development of space science and systems development. To accomplish these desires, projects are identified that can be accomplished in the near future leading to risk reduction and engineering enhancements. Specifically, the following practical on-orbit verification projects could be planned and promoted through this study group's activity.

Progress in past six months:

- (1) Requested to all study group members to review Study Report Draft (Nov, 2016).
- (2) Assignment of each individual research items to specific study group members (Nov, 2016)
- (3) Held specific research item status meeting in Japan (Feb, 2016)

Website Study Information update: (please give any update regarding Study Group Membership, documents, Study Plan and Schedule):

- (1) On the Activities, please add the following meetings:
-Study group meeting, Thursday 29 September 2016, 12h45-14h45, Guadalajara, Mexico
- (2) On the membership, please add three new members: (requested again)
Michael “Fitzer” Fitzgerald michael.fitzgerald@isec.org
Dennis Wright, Ph.D. dennis.wright@isec.org
Vern Hall vern.hall@isec.org
Anna Guerman (previously requested)
Vadym Pasko (previously requested)
- (3) Next Meeting: March 20 at IAA Paris Spring meeting

Issues requiring resolution? (recommend approach):

None

Product Deliveries on Schedule? (If modified explain rationale): No

Study Team Member Changes? No:

Name of person providing Study Group Status

Mr. Akira Tsuchida – Chair

March 4, 2017