

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) Held splinter meeting by ISEC team and Japanese Team periodically to follow up final report (In Japan, March, April, May, June, July, August 2017)
- (2) Two IAA SG3.24 meeting were held in Paris (March) and in Seattle (Aug)

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 5 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
Vadym Pasko
Please delete one member:
Penny, Jr. Robert E
Please change secretary's name:
<from> Takahashi Sakurako <To> Ishida Hatsumi
- (3) Next Meeting: Sep 28 at IAC 2017 Adelaide

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

September 4, 2017