

IAA Study Group Status Report

Responsible Commission:

Commission 3

Study Number and Title:

SG3.25, The Maintainability and Supportability of Manned spacecraft in Deep Space

Short Study Description (repeat from Study Group Proposal):

Aiming at characteristics of manned exploring in deep space about long period, considering roundly the problems faced to solve with maintenance and repairs, spares carrying and supplying, reliability and fault-tolerant redundant of manned spacecrafts in deep space, carrying out analysis of maintainability and supportability with different strategies, forming multi-parameter optimization design; based on the analysis results, research the implementation of maintainability and supportability with new technologies, providing different solutions and schemes.

Progress in past six months:

To form the first draft of the final report, and be ready to submit it for commission review.

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

Please update Study Group Membership, the specific staff and the contact information could be seen on next page.

The study plan has been executed according to the original plan.

Please update status reports at all stages and a document submitted in Sept. 2019.

Issues requiring resolution? (recommend approach):

Null.

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

Null..

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.)

See next page.

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

YANG Hong

Status Report Date:

25/09/2019

Study Team Membership Changes

Effectivity Date:

25/09/2019

Discontinue:

Add:

YANG Hong

Email: yanghong55@gmail.com

Tel: +8613381105509

Fax: +861068745631

Mailing address: Po Box 5142-350, No.104 Youyi Road, Handian District, Beijing, CHINA. Zip code: 100094

Masato Sakurai

Email: sakurai.masato@jaxa.jp

Tel: +81-50-3362-2909

Fax: +81-442-40-3143

Mailing address: 7-44-1, jindaiji-Higashi-machi Chofu, Tokyo 182-8522, JAPAN

ZHANG Dapeng

Email: qiumoonbird@163.com

Tel: +8615810922043

Fax: +861068745631

Mailing address: Po Box 5142-350, No.104 Youyi Road, Handian District, Beijing, CHINA. Zip code: 100094

Wei Chuanfeng

Email: chfwei@163.com

Tel: +8613683642428

Fax: +861068745631

Mailing address: Po Box 5142-339, No.104 Youyi Road, Handian District, Beijing, CHINA. Zip code: 100094

Li Zhihai

Email: haizi_up@163.com

Tel: +8613811794872

Fax: +861068745631

Mailing address: Po Box 5142-339, No.104 Youyi Road, Handian District, Beijing, CHINA. Zip code: 100094

Jaroslaw Jaworski

Email: jaroslaw.jaworski@community.isunet.edu

Tel: +48 794 490 118

Fax: +48 22 974 03 99

Mailing address: MoBdawska 7/33 02-127 Warsaw, Poland