

IAA Study Group Status Report

Responsible Commission:

Study Number and Title: SG3.18; Study of Possible Inter-agency Protocol to handle Crisis/Emergency of Astronauts in Low Earth Orbit

Short Study Description (repeat from Study Group Proposal):

It is expected that human activities in LEO would be on the rise in future not only due to missions around the earth but also because of other interplanetary manned missions including that to Mars. As a consequence the probability of major malfunctions of Human Missions in Low Earth Orbit will increase accordingly. The Study will assess the feasibility to establish a protocol, restricted to rescue of crew from LEO, who got marooned or have lost de-orbit burn capability or are left with intolerably damaged thermal protection system and is not considering Moon, trans-lunar, Mars or other interplanetary missions. Rescue in the context of this protocol is considered to be those cases where external assistance is mandatory to rescue the lives of the crew.

Overall Status and Progress in past six months:

- Final Draft Report has been presented to and reviewed in Commission 3.
- To be referred to IAA for arranging Peer Review.

Way forward:

To be approved in September '16 Commission 3 meeting at Mexico for submission of report to IAA for Peer Review

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

Issues requiring resolution? (recommend approach): Nil

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

On Schedule for Release / Publication by March 2017.

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.)

Member to be added to SG 3.18 : Mr SHEEJU CHANDRAN from INDIA

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

Status Report Date: 29 August 2016

Study Team Membership Changes

Effectivity Date: April 2016

Add:

Name Mr Sheeju Chandran
Vikram Sarabhai Space Center, ISRO P.O,
Trivandrum, INDIA – 695022

Tel No. 91-471 2562992
Fax No. 91-471-2562998

Current email address sheejuchandran@gmail.com