

## **INTERNATIONAL DOCKING SYSTEM STANDARD (IDSS) INTERFACE DEFINITION DOCUMENT (IDD)**

This International Docking System Standard (IDSS) Interface Definition Document (IDD) establishes a standard docking interface to enable collaborative endeavors between the international space fairing community while also supporting possible crew rescue operations. The IDSS was developed by the ISS participating partners and first baselined in 2010,

As the space community grows and in space activities expand beyond low earth orbit (LEO) and towards deep space, it is important to sustain the IDSS agreement and continue to evolve the original standard and prepare for future standards in-space and to surface systems on the moon and beyond.

The IDSS Committee will continue to pursue the goal of interoperability and standardization. In pursuing this goal, it is the intent of the IDSS International Committee to engage the global commercial spaceflight industry and Agency Programs for their perspectives. It is the Committee's vision by including industry and programs that buy-in will be achieved and future projects and programs will give the highest consideration for meeting the intent of the IDSS IDD. This will be critically important for future commercial and international cooperation and efficient operations of human and robotic space exploration.

The IDSS committee, JAXA, Roscosmos, ESA, CSA and NASA are committed partners in managing the IDSS. The IDSS committee chair, while in the early beginnings has been chaired by NASA, will in the future be sustained with a rotating chair and established by agreement by the Multilateral Control Board (MCB). Additionally, new members may be added and will be addressed and approved by the MCB. Configuration management of the IDSS document will be addressed in paragraph 1.2.