

NASA Goddard Space Flight Center

Space Servicing Capabilities Office



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On-Orbit Servicing & Beyond



Goals Leading to the Servicing Study Workshop:

1. Thoroughly assimilated the Workshop RFI responses and presentations and prepared to conduct proprietary interviews on specific technologies of interest.
2. Conducting design studies of selected Notional Missions that would facilitate various customer needs. Studies will include better definition of the customer requirements.
3. Initiated designs for selected ISS Infrastructure Payloads
 - a. Robotic Re-fueling Demonstration using Dextre (R2D2)
 - b. Dextre Precision Pointing Package (DPP)

My Goals Following the Servicing Study Workshop:

1. Issue a final Workshop Report
2. Conduct 1-G demonstrations at various labs.
3. (GSFC, JSC, NRL, AFRL, DARPA, and others as appropriate)
4. Conduct Zero-G demonstrations on ISS to validate servicing technologies and mitigate development risk.
5. Develop an On-Orbit Servicer and Conduct a Pathfinder Servicing Mission.
6. Support Technology Transfer for Commercialization Endeavor.