

## Network Support Group Charter

The Network Support Group (NSG), a forum comprised of various NASA Centers, U.S. Government Agencies and international organizational entities which provide support to NASA's Human Spaceflight Program (i.e., Space Shuttle, International Space Station [ISS], Reusable Launch Vehicles [RLVs]) mission activities.

The NSG, chartered by NASA's Network Operations Directive (NOD), is the resultant consolidation of meetings and working sessions of the Space Shuttle Post-mission Reviews (PMR), Network Operations and Integration Group (NOIG), and Network Support Committee (NSC).

Specific objectives of the NSG shall include performance assessment of the various Human Spaceflight support entities during pre-mission, mission, and-post-mission support phases. The NSG will engage in planning, establishing, and/or influencing the operations philosophy of Human Spaceflight networks support via discussion and subsequent agreement among representatives during working group sessions. Specific activities under the purview of the NSG include the following:

- a. Coordinate long term mission planning, policy, and requirements issues and concerns.
- b. Address long range operational support requirements related to interface issues in the areas of communications, Tracking and Data Acquisition (CT&DA) support.
- c. Establishing philosophy and procedures pertaining to operations of Human Spaceflight networks (for Integrated Network control and technical operation of the elements), including CT&DA readiness and overall operations support.
- d. Defining technical relationships among Human Spaceflight operations support elements.
- e. Assessing Human Spaceflight operations support hardware/software needs and inter-center/inter-agency integration thereof.
- f. Developing/ modifying procedures for improving operations performance of Human Spaceflight integrated support networks.
- g. Review, investigate, and subsequent disposition of anomalous conditions during Human Spaceflight mission operations support phases.
- h. Receiving reports/presentations via respective organizational-representatives detailing hardware/software changes (i.e., enhancements, modifications, etc.) and related impact on the Human Spaceflight support posture.
- i. Assignment and tracking of Action Items as necessary to effect resolution of issues and problems identified during NSG sessions.

NSG meetings shall be held tri-annually, at the Johnson Space Center (JSC)

The NSG representation shall include personnel with decision-making authority from the respective organizational elements and the corresponding element's contractor organizations, including:

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- a. Goddard Space Flight Center (GSFC) - Elements
- b. Johnson Space Center (JSC) - Elements
- c. Human Spaceflight Program Offices
- d. Kennedy Space Center (KSC).
- e. Marshall Space Flight Center (MSFC).
- f. Dryden Flight Research Center (DFRC).
- g. Jet Propulsion Laboratory (JPL).
- h. United States Air Force - 5 SOPS - AFSCN
- i. United States Department of Defense (USSPACECOM, ASFPC, AFMC).
- j. DoD C- Band Tracking Network (45th Range Squadron)
- k. International Partners (e.g., NASDA, ESA).