



HUMAN HEALTH AND PERFORMANCE

Exploring Space | Enhancing Life

Crew Inputs for Operations, Design & Development

This small, flexible group of Human Engineering experts and stenographers have been conducting, collecting, and analyzing post-mission and on-orbit crew debriefs for the International Space Station (ISS) Program Office since the inception of ISS in 1998. They maintain the official ISS Crew Comments Database that houses ~106,000 comments from over 200 flown crewmembers, covering a wide range of topics from crew dining and hygiene, to EVA/IVA hardware performance and failures. This database is used to generate specific reports and lessons learned to inform designers, architects, engineers, researchers, and others who design and develop spaceflight vehicles and habitats.

Services

- Coordinate and conduct crew debriefs post-mission/on-orbit
 - Work with system managers to develop crew questions
 - Establish and execute unique debrief processes
 - Develop and maintain confidential debrief database
 - Analyze data and generate reports and transcripts
 - Incorporation of historical and current ISS data
- Provide Stenographer services
- Provide Human Factors & Usability expertise on projects



Products

- Crew Questionnaires (Post-Mission and On-Orbit)
- Crew Debrief Transcripts
- Lessons Learned Reports (Topics, Missions, Systems)

Johnson Space Center



For the benefit of all

For more information:
NASA Human Health and Performance Directorate
www.nasa.gov/hhp/

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