



NAC HEO/SOMD

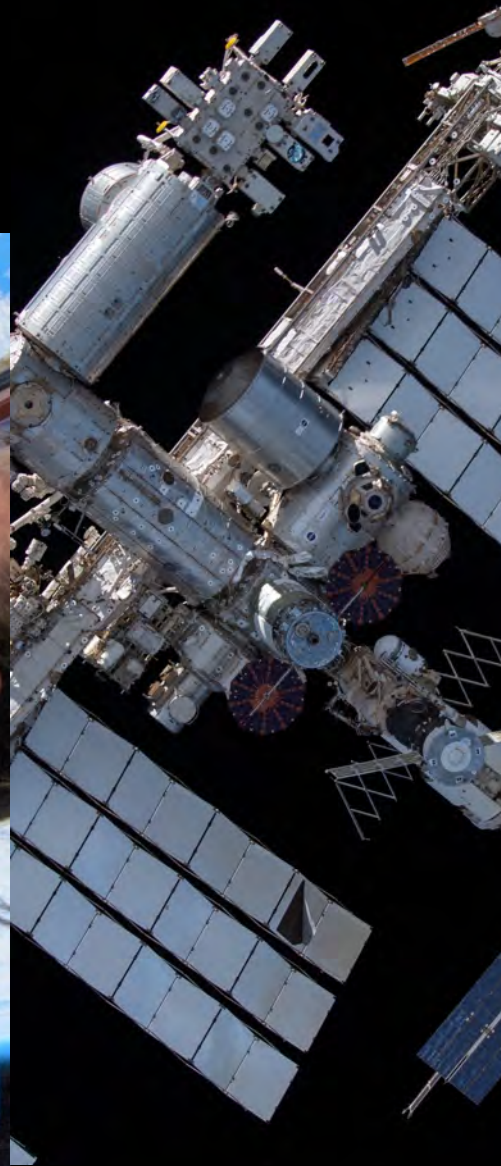
Ken Bowersox, Associate Administrator
Space Operations Mission Directorate

NASA Headquarters – Washington, D.C.

**HUMAN SPACEFLIGHT
CAPABILITIES**



**COMMERCIAL
SPACE**

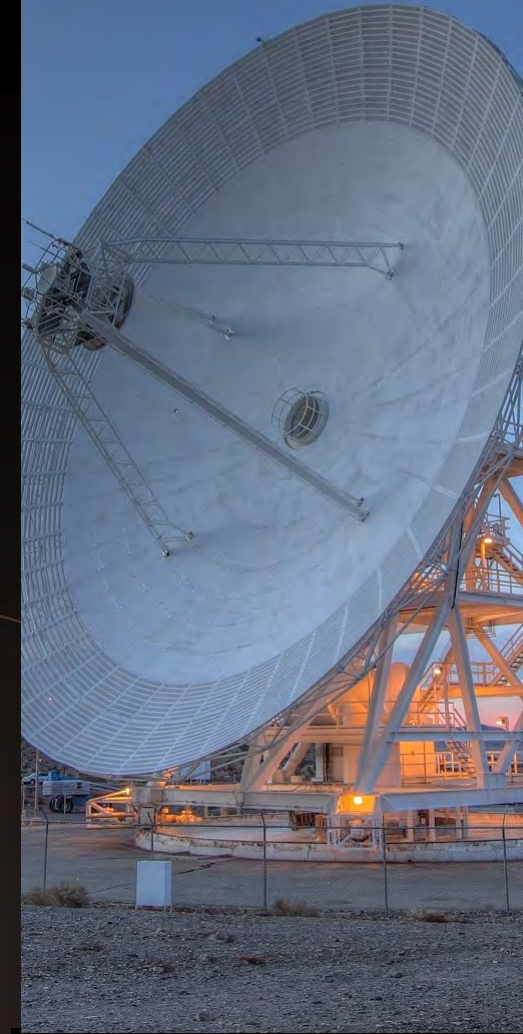


**INTERNATIONAL
SPACE STATION**

LAUNCH SERVICES



**SPACE
COMMUNICATIONS
AND NAVIGATION**





FRANK RUBIO'S RECORD-BREAKING MISSION

Rubio sets record for the longest single spaceflight in history by an American, logging 371 days in space.

NASA'S SPACEX 29TH COMMERCIAL RESUPPLY MISSION

Delivery of technology demonstrations, crew supplies, hardware, and scientific research, including NASA's ILLUMA-T.





CREW-7

Mission to the International
Space Station

AX-3 CREW ANNOUNCEMENT

Fourth private astronaut mission selection



A large satellite dish antenna is shown at night, illuminated from below. A satellite is mounted on the feed structure of the dish. The dish is a complex grid of metal panels. The satellite is a white cylindrical object with various instruments and antennas. The background is dark, and the foreground shows some ground lights and structures.

PSYCHE LAUNCH

Deep Space Optical
Communications Experiment

TROPICS LAUNCH





CHAPEA MISSION 1

The four-person volunteer crew entered its new home at NASA's Johnson Space Center to begin a 378-day Mars surface simulations

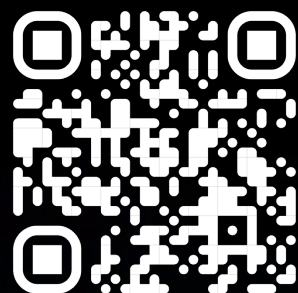
SPACE OPERATIONS CHALLENGES

- Maintaining a human presence in low Earth orbit
 - Transition Planning
- Sustaining performance on all missions
- Meeting user communication requirements in the Artemis era
- Resources uncertainty





SPACE OPERATIONS MISSION DIRECTORATE



X @NASASpaceOps

