



Trajectory Operations Officer (TOPO):

- Realtime flight controller position for the International Space Station (ISS)
- Responsible for ISS trajectory planning and collision avoidance
- Interface between Houston Flight Control Team and 18th Space Defense Squadron

ISS satellite deploy capability:

- Satellite deployers on station
 - IU-12U CubeSat deploy capability
 - Small satellite deploy capability
- TOPO interfaces with satellite operators to determine safe deploy conditions
- TOPO sets up lines of communication with operators and 18th Space Defense Squadron



Image sources are NASA publicly released photos

TOPO/ Cameron Leonard (IMOC)



Resources and Contact Info:

- ISS Jettison Team: jsc-dl-topo-jettison@mail.nasa.gov



ISS Jettison Policy



NASA Spacecraft Conjunction
Assessment and Collision Avoidance
Best Practices Handbook



Spaceflight Safety Handbook for
Satellite Operators