

# NASA Milestones

## Calendar Years 2016 – 2021

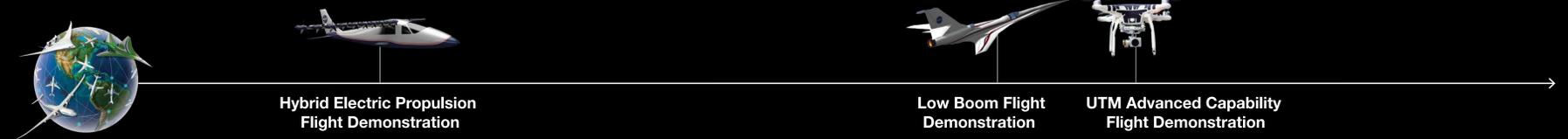
As of September 2016. For updated and additional information, visit [www.nasa.gov](http://www.nasa.gov)

National Aeronautics and Space Administration

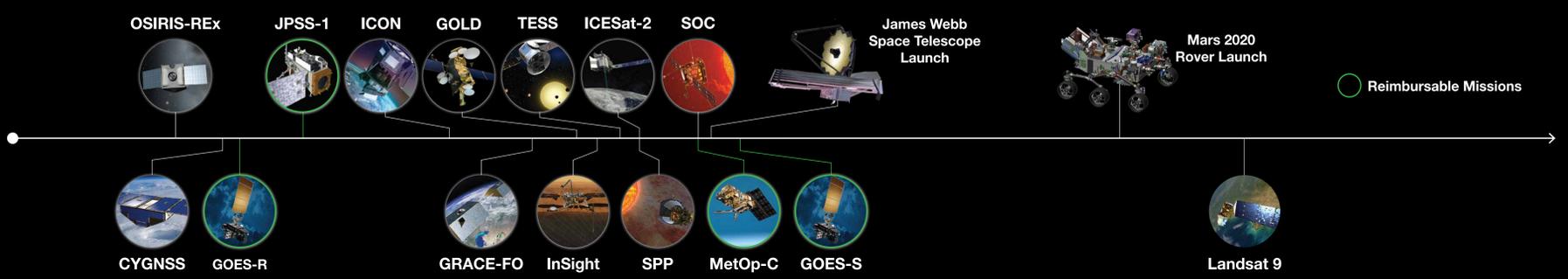


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### Aeronautics



### Science Mission Launches



CubeSat Launch Initiative (CSLI) Ongoing through 2021 and Beyond

### Science Instrument Deliveries to ISS Through 2021\*

Cold Atom Lab (CAL)	Educational Launch of Nanosatellites (ELaNa)	Life Sciences Glovebox	Orbiting Carbon Observatory (OCO-3)
Cosmic Ray Energetics and Mass (CREAM)	GeneLab Phase 2 and 3	Multiple User System for Earth Sensing Facility (MUSES)	Stratospheric Aerosol and Gas Experiment (SAGE-III)
ECOSystem Spaceborne Thermal Radiometer Experiment on Space Station (ECOTRESS)	Global Ecosystem Dynamics Investigation (GEDI)	Neutron Star Interior Composition Explorer (NICER)	Total and Spectral Solar Irradiance Sensor (TSIS-1)

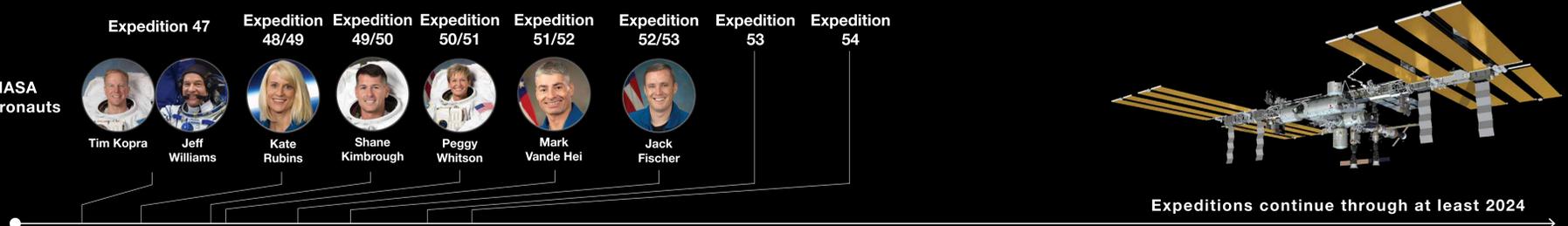
### Capability Upgrades and Technology Demonstrations Aboard ISS\*

Bigelow Expandable Activity Module (BEAM)	Exploration Medical Devices	Roll-Out Solar Array (ROSA)	Universal Waste Management System (UWMS)
Exploration ECLSS Systems	International Docking Adapter (IDA)	Spacecraft Fire Experiment (SAFFIRE)	Zero Boil Off Tank (ZBOT)
Exploration Exercise Devices	Refabricator	Station Explorer for X-ray Timing and Navigation Technology (SEXTANT)	

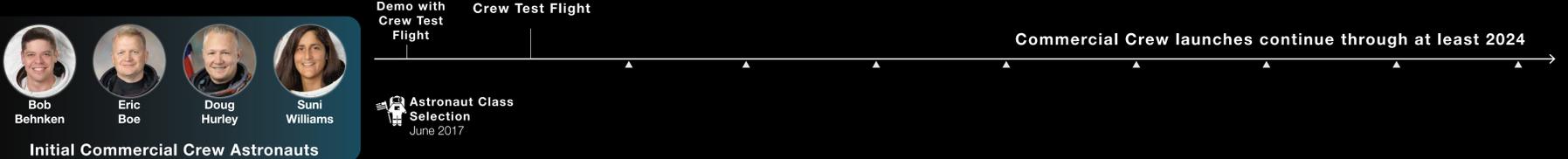
\* programs listed here include items funded by AES, SLPsRA, HRP, STMD, and SMD

### Commercial Cargo Resupply Missions to ISS Ongoing Through at Least 2024

### International Space Station (ISS)



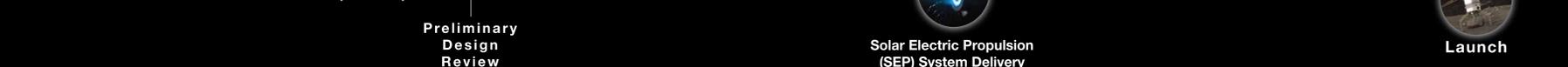
### Commercial Crew Program (CCP)



### Advanced Exploration Systems (AES) for Habitation and Propulsion



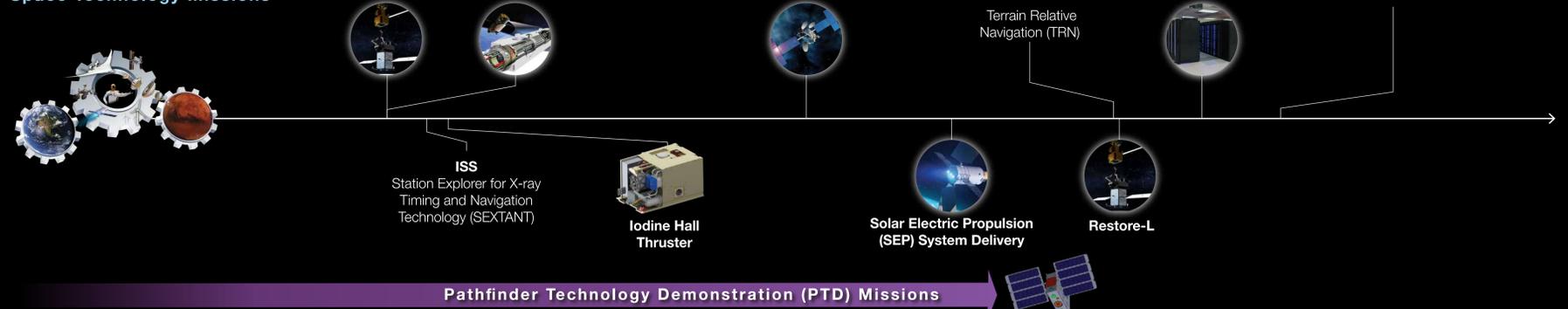
### Asteroid Redirect Robotic Mission (ARRM)



### Space Communications and Navigation (SCaN)



### Space Technology Missions



Pathfinder Technology Demonstration (PTD) Missions

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