



METAL & POWER

*Hardware for the Space
Industrial Revolution*

CisLunar Industries

enables and advances
in-space mobility and
in-space manufacturing
with hardware for
metal processing and
power conversion



Public-Private Partnerships

Triple-Digit Job Growth

Over \$8M in Funding

Commercial Sales



DARPA LunA-10

Commercial Sales

Modular Configurable PPU

Multi-million dollar commercial sales

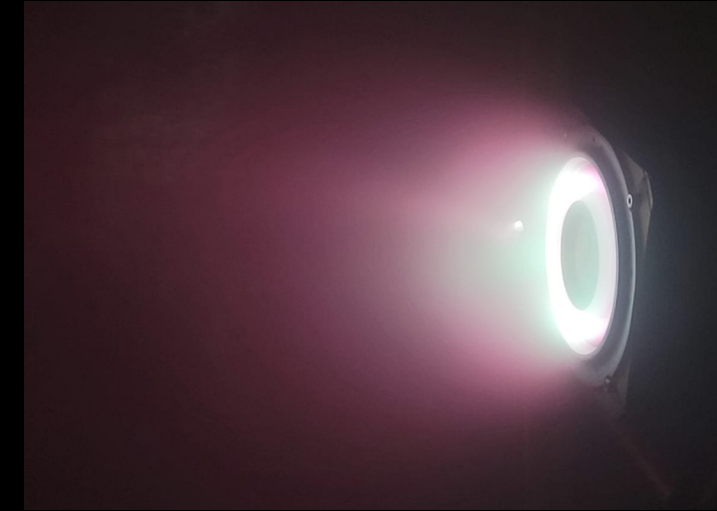
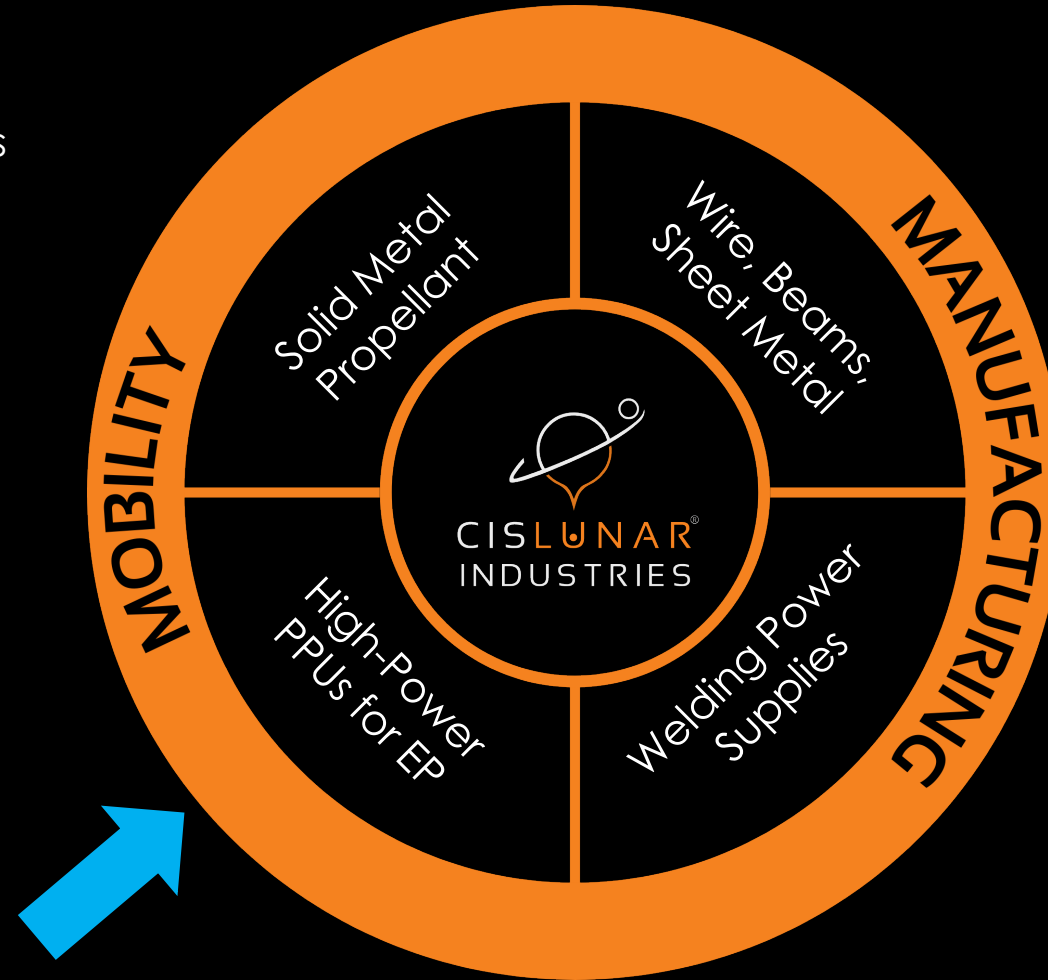
Differentiated SWaP

Powers Electric Propulsion

Patent US-11929670

TRL 5+

METAL



Hall Effect Thruster Running on a Cislunar Industries PPU

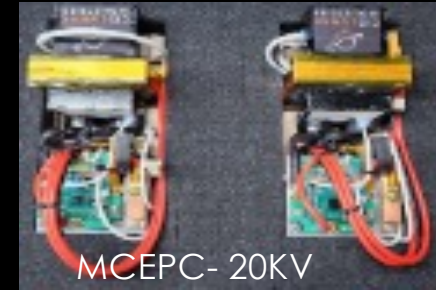
Commercial Sales

High Voltage Power Supplies

Powers ThinkOrbital electron-beam welder

Flight heritage 6 May 2024

First in-space robotic welding demonstration



E-Beam Welder running on a Cislunar Industries HVPS (units above)

NASA P1,P2,P2E SBIRs, Techflights

CASIS/ISS National Lab Funding

DARPA LunA-10 Study Funding

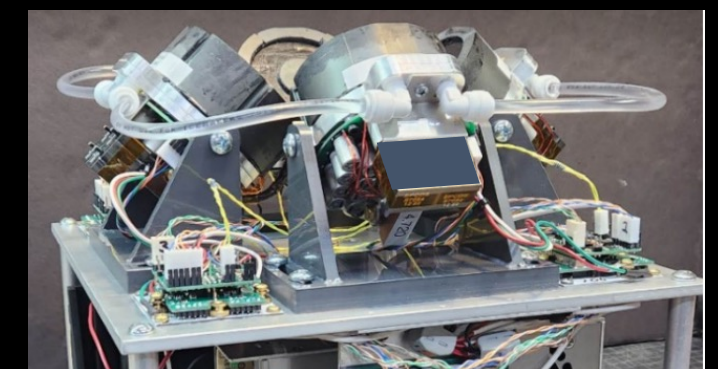
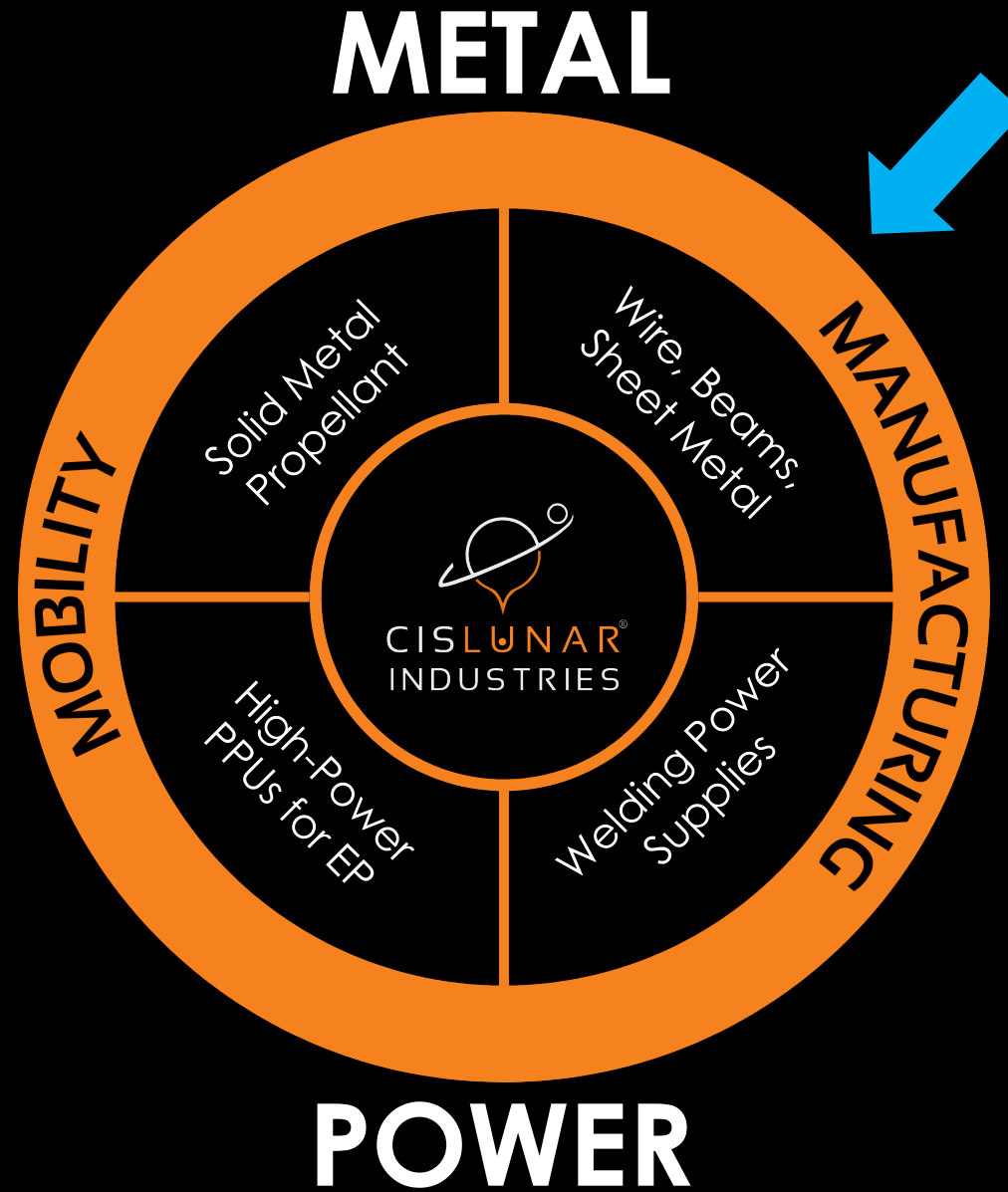
Space Foundry

Manufacture of Feedstocks from
Human-Made and Natural (Lunar)
Resident Space Metals

Patent US-11634241

TRL 5

State of the Art



USSF Direct to Phase II SBIR

Metal Propellant Ecosystem

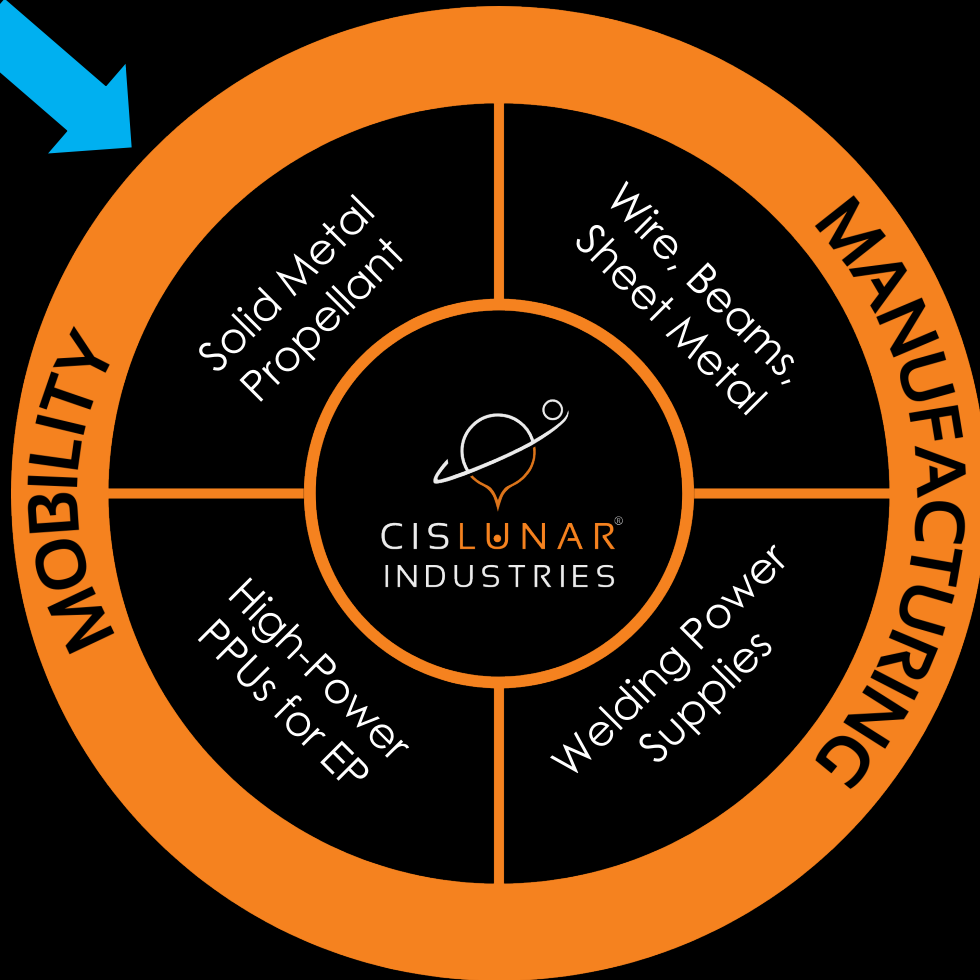
Cislunar Industries (prime),
Astroscale US, Sierra Space, CSU,
Plasma Controls

Solid metal propellant from
recycled resident space objects

Shocking competitive advantage



METAL



Inexpensive

Sustainable

Efficient

Safe

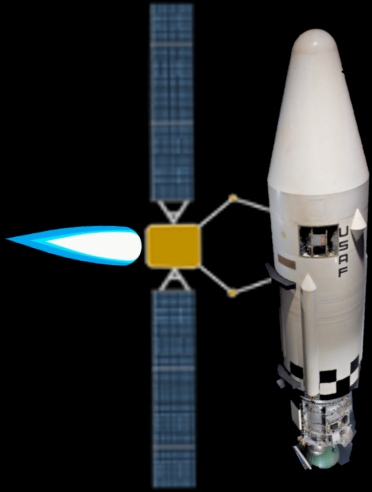
POWER

Closing the Business Case for Debris Removal

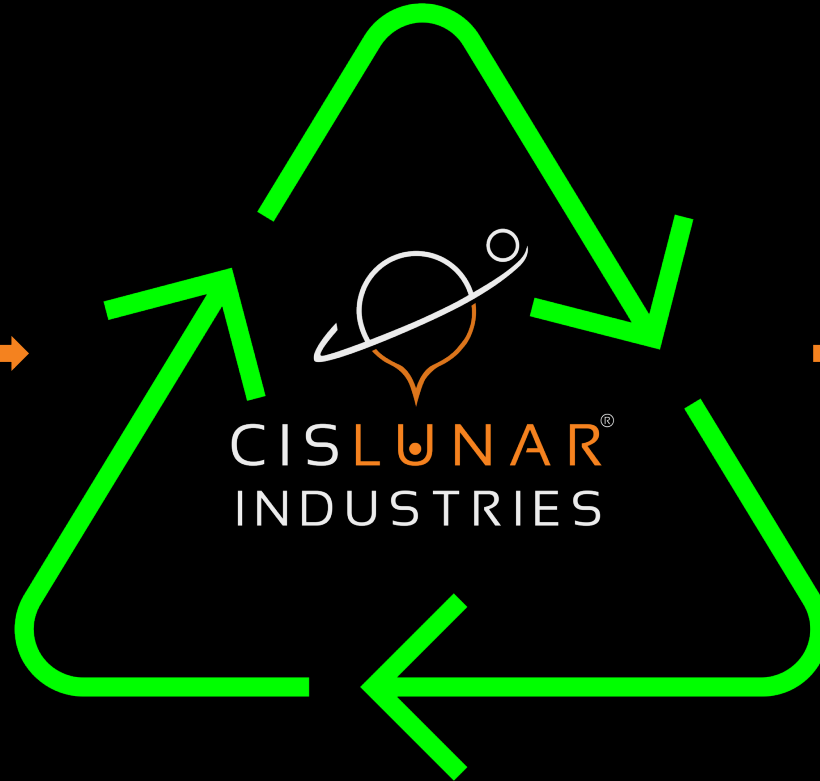
At the fulcrum of the space industrial value chain. Making raw materials useful.



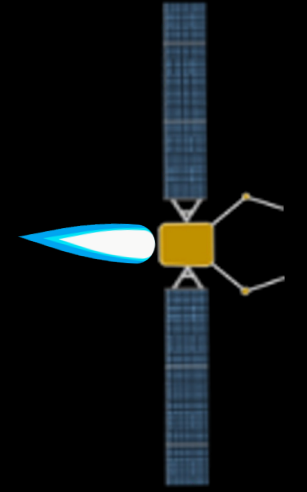
Debris to DeltaV



Partner Servicer brings Debris to Foundry®



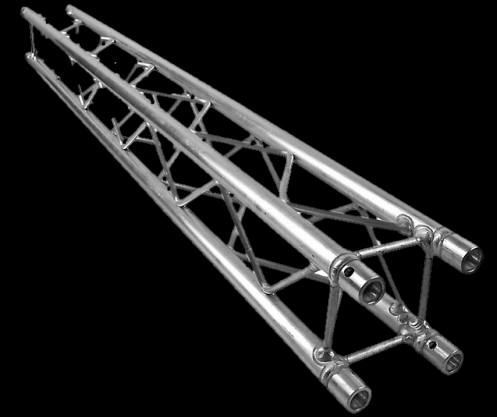
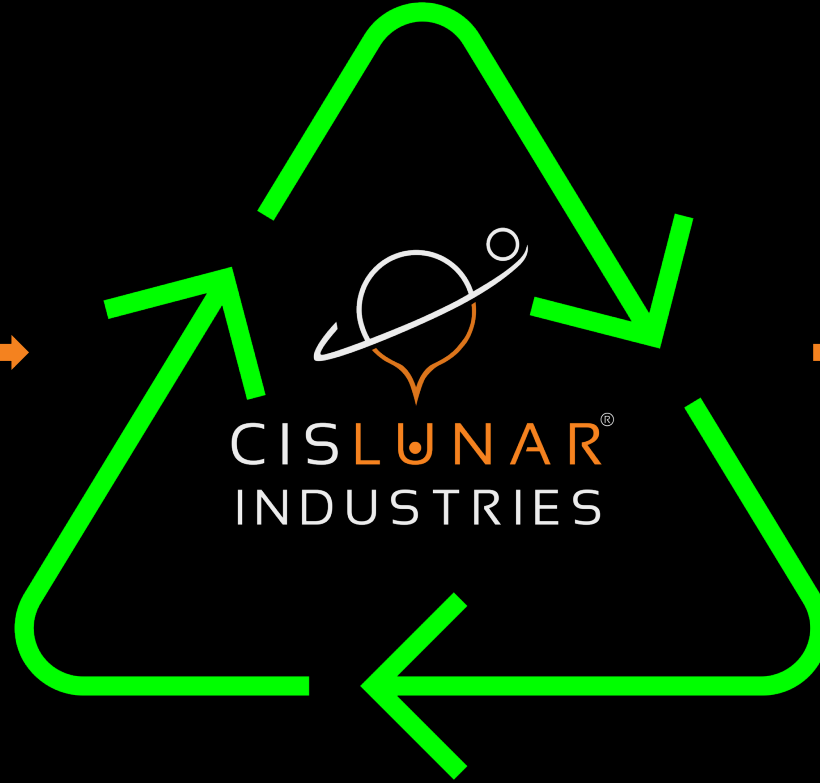
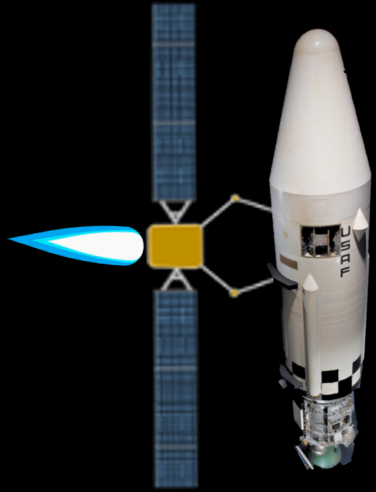
Space Foundry® on Partner Station recycles Space Debris into Solid Metal Propellant



Metal Propellant propels Servicer on next mission

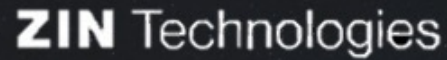
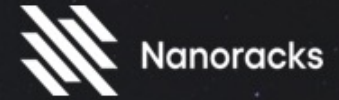
90%+ of Mass Left Over for...

Trash to Treasure



Rods, Beams,
Trusses, Wire,
Sheet Metal for
Construction

Key Partnerships



DARPA LunA-10



UNITED STATES
SPACE FORCE



ORBITFAB



COLORADO STATE
UNIVERSITY



NEUMANN SPACE

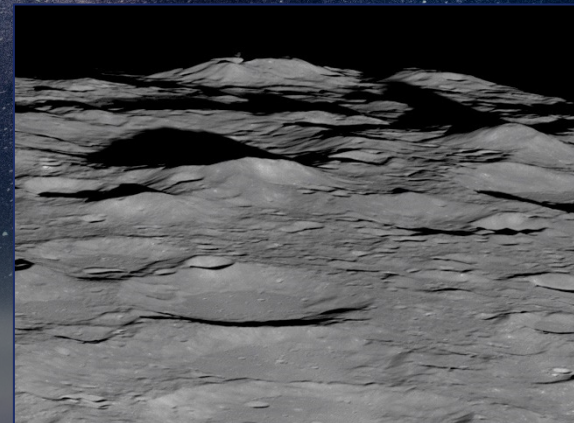
✕ Increasing space resiliency with non-Earth imaging (NEI)

Maxar's NEI capability can image space objects in low, medium and geostationary Earth orbit and beyond. Key use cases include:

- **Space domain awareness**—Helping identify and characterize space objects, as well as assess the operational environment for space operations.
- **Space traffic management**—Supporting on-orbit collision risk assessment and maneuver planning, end-of-life verification and controlled de-orbit collision avoidance.
- **Ongoing satellite operations**—Assisting operators with navigation safety, asset health assessments and defunct satellite monitoring.
- **National security missions**—Providing support for the U.S. government and its allies.



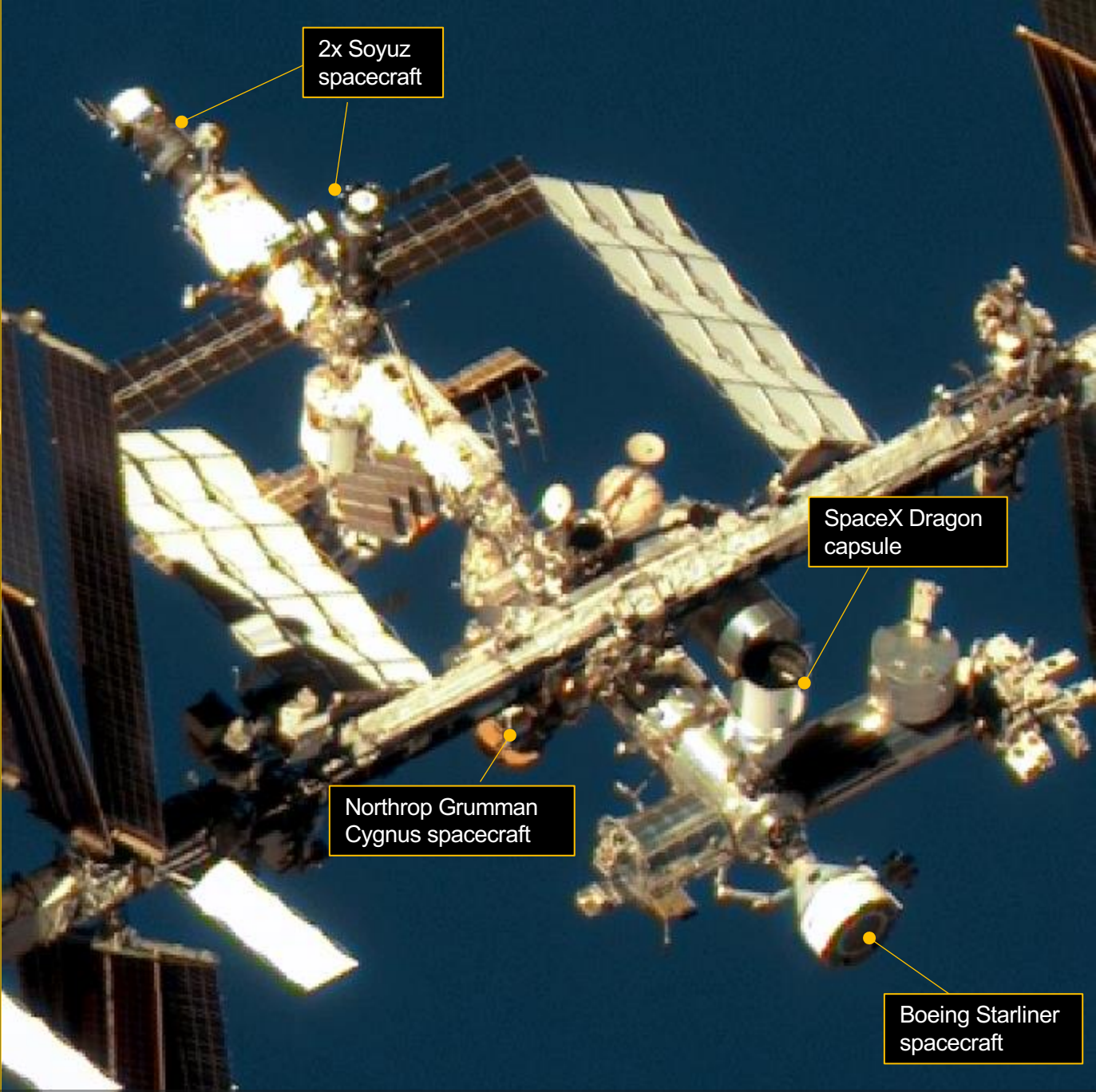
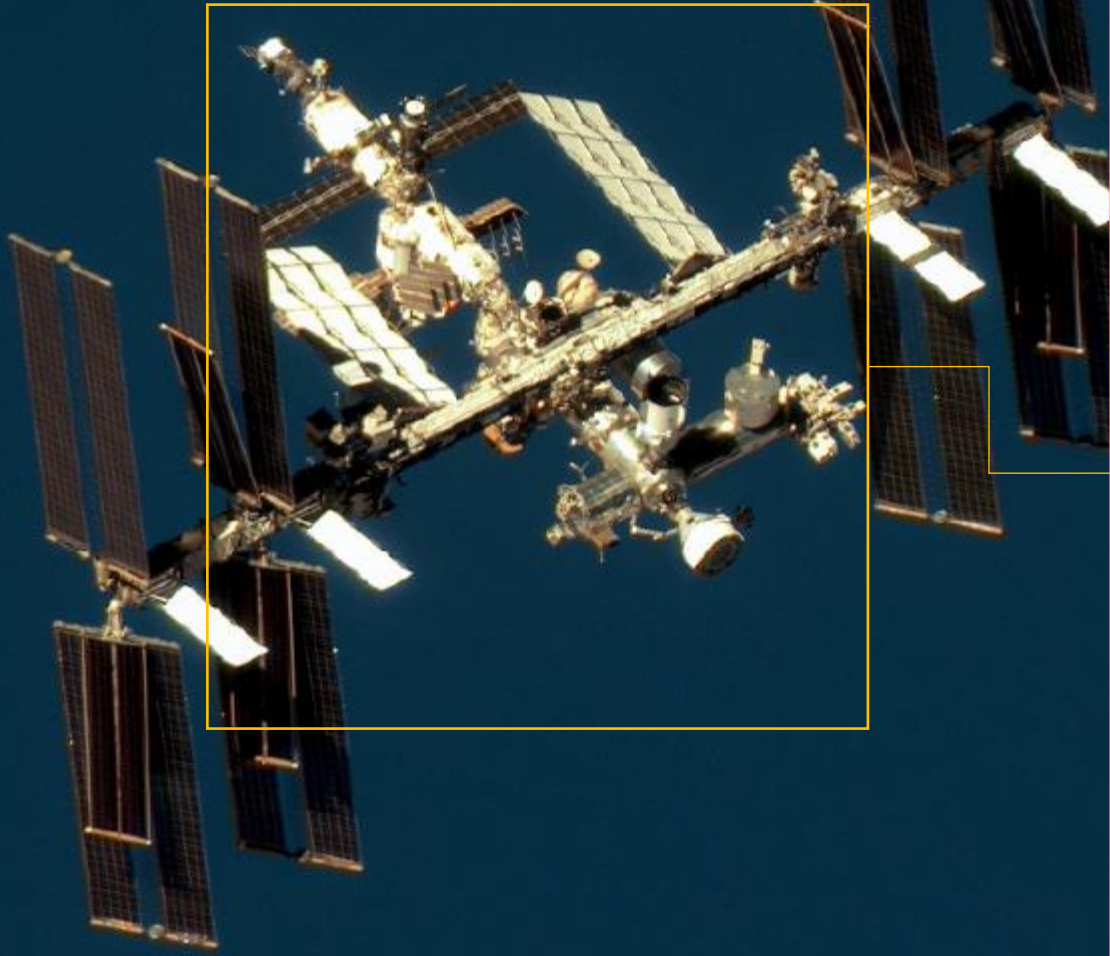
International Space Station, SSD 15.7 cm



Lunar Southern Highlands, SSD ~202 m



Rocket fairing, SSD 2.6 cm



Spacecraft Docked with International Space Station (ISS) | June 7, 2024 | WorldView-3 Non-Earth Image | 276 Kilometer Slant Range