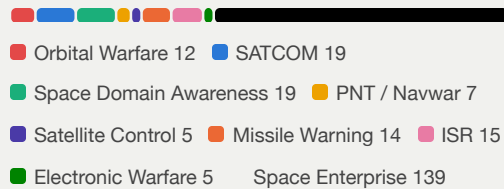


Space Watch

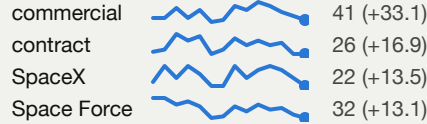
Orbital Warfare · SATCOM · SDA · PNT · Satellite Control · Missile Warning · ISR · EW

BLUF — PRC researchers claim the first in-orbit refuelling of a high-orbit BeiDou satellite (SCMP); DPRK flew an updated Hwasong-11Ma hypersonic glide missile on 20 Sep. Attention item: 18 SDS screening puts Russian payload COSMOS 2369 against FY-1C debris at Pc 1.6e-2, TCA 28 Sep 1922Z.

LAST 7 DAYS BY MISSION AREA · 235 ITEMS



RISING TERMS · 7D VS PRIOR



BY THE NUMBERS · 7D

Orbital launches 4 (2 PRC, 1 US, 0 failed) · max Kp 4.33
GPS NANUs 0 (0 unusable) · reentries 20 (16 payloads)
Conjunctions < 1 km, next 7 d: 28,863 (23332 active pairs)
Space-Track emergency-reportable CDMs 33, TIP reentries 17 (0 high-interest)

COUNTERSPACE SPOTLIGHT — BEIDOU / PLA PNT · PRC (CNSA/PLA) · BDS, BeiDou-3

WHY NOW

A PRC team says China refuelled a high-orbit BeiDou satellite for the first time (SCMP, 26 Sep); if true, PLA PNT satellites can be serviced in orbit.

MENTIONS, 30D · PACOM RELEVANCE

1 this week. BeiDou IGSO and GEO satellites sit over the western Pacific; PLA fires inside the first island chain rely on them.

CAPABILITIES / TTPs

- Global PNT from MEO, IGSO and GEO satellites
- Two-way short messaging through GEO satellites
- Claimed in-orbit refuelling of a high-orbit satellite (SCMP)

IMPLICATIONS

- Refuelling adds life and maneuver margin to PRC high-orbit satellites
- PLA precision fires keep PNT if GPS is contested in the theater

Orbital Warfare

Counterspace threats and space superiority: ASAT tests and weapons, co-orbital a

Claims China's BeiDou satellite was refuelled in orbit could change space race

South China Morning Post (China) · via TJFSCC Daily · 2026-09-26

PRC researchers claim a first refuelling of a high-orbit BeiDou satellite (SCMP; paper under peer review).

So what: Refuelling in high orbit extends PRC satellite life and maneuver budget near U.S. GEO assets.

Consider: Consider requesting 18 SDS custody of BeiDou GEO/IGSO satellites and nearby PRC servicers.

PACOM SPACECOM Rendezvous & proximity Counterspace threat BeiDou / PLA PNT

Space Force Seeks Maneuverable Spacecraft for On-Demand Launch

Air & Space Forces Magazine · 2026-09-22

SSC Space Safari RFI (18 Sep) seeks a commercial RPO/docking spacecraft: 14-day tasking-to-launch, FY29.

So what: On-demand RPO spacecraft give CDRs a response option to adversary on-orbit threats.

Consider: Be aware TacRS missions will be publicized less; consider how theater needs reach Space Safari.

SPACECOM Rendezvous & proximity Acquisition & contracts Tactically Responsive Space (Victus)

Missile Warning

Missile warning and tracking from space and ground: SBIRS and Next-Gen OPIR, res

North Korea Tests New Hwasong-11Ma Hypersonic Missile

The War Zone · 2026-09-22

DPRK showed a 20 Sep Hwasong-11Ma-1 hypersonic glide test from Anbyon; ROK and Japan detected two launches.

So what: A maneuvering glide phase stresses missile warning and tracking sensors over the peninsula.

Consider: Recommend reviewing the displayed pull-up trajectory with MW crews; DPRK claims are unverified.

PACOM Missile launches & tests Hypersonic

PNT / Navwar

Position, navigation and timing and navigation warfare: GPS constellation status

Space Force Expands Commercial Satellite Monitoring of GPS Jamming to Global, Standing Operation

Inside GNSS · 2026-09-24

The JCO made its commercial-satellite GPS jamming and spoofing detection a standing, worldwide operation on L1, adding other bands; DoD wants it for all six geographic CCMDs, JCO's lead said at AMOS (Inside GNSS).

So what: Unclassified interference baselines the theater can share with allies, cued by commercial sensors.

Consider: Consider requesting JCO interference baselines for the Korean peninsula and South China Sea.

SPACECOM CENTCOM GNSS interference Commercial integration GPS

Space Domain Awareness

Knowing what is on orbit and what the environment is doing: space surveillance a

Pentagon taps Northrop Grumman, True Anomaly for recon satellites that can monitor other space systems

DefenseScoop · 2026-09-21

DIU and SSC picked Northrop Grumman and True Anomaly (Jackal) for GHOST-R, commercial GEO space-to-space imaging prototypes under RG-XX; launch in 2028, government operations by 2029. Values undisclosed.

So what: More, cheaper GEO inspectors improve custody of PRC RPO satellites over the Pacific.

Consider: Be aware GHOST-R is a 2028-29 capability; near-term GEO characterization stays with GSSAP.

SPACECOM Acquisition & contracts Commercial Integration GSSAP / Silent Barker

Space Enterprise

The service and the enterprise behind the mission areas: force design and organi

RAF launches first ever space squadron dedicated to defending Britain's satellites

UK Ministry of Defence (space) · 2026-09-22

The RAF stood up No. 3 Space Effects Squadron, its first unit to disrupt, degrade and deny threats to UK satellites; Nos. 4-6 are planned, per the Chief of the Air Staff on 23 Sep (UK MOD, Via Satellite).

So what: A CSpO partner now fields a space effects unit, widening combined space control options.

Consider: Consider the new squadron in CSpO and Olympic Defender partner engagement.

EUCOM Allies & partners Organization & people

Nothing significant this week: SATCOM · Satellite Control · ISR · Electronic Warfare

WATCH LIST

- 28 Sep 1922Z: COSMOS 2369 vs FENGYUN 1C DEB, Pc 1.6e-2 at 20 m (CDM 1719047617); watch 18 SDS updates.
- 2 Oct 0353Z: NROL-97 on Falcon Heavy; ~5 Oct (TBC): SDA Tranche 1 Transport Layer A on Falcon 9.
- 7 Oct: ROK Nuri with NeonSat-2 to 6; 28 Sep 1215Z: Starship Flight 14, first Starlink deploy.

RECOMMENDATIONS (FOR AWARENESS)

- Consider asking 18 SDS for GEO/IGSO custody of BeiDou satellites and nearby PRC servicers to test the refuelling claim.
- Be aware JCO GPS-interference monitoring is now standing and global; consider requesting AOR baselines.
- Recommend reviewing Hwasong-11Ma-1 trajectory data with MW crews; a glide phase stresses ballistic-only tracking.