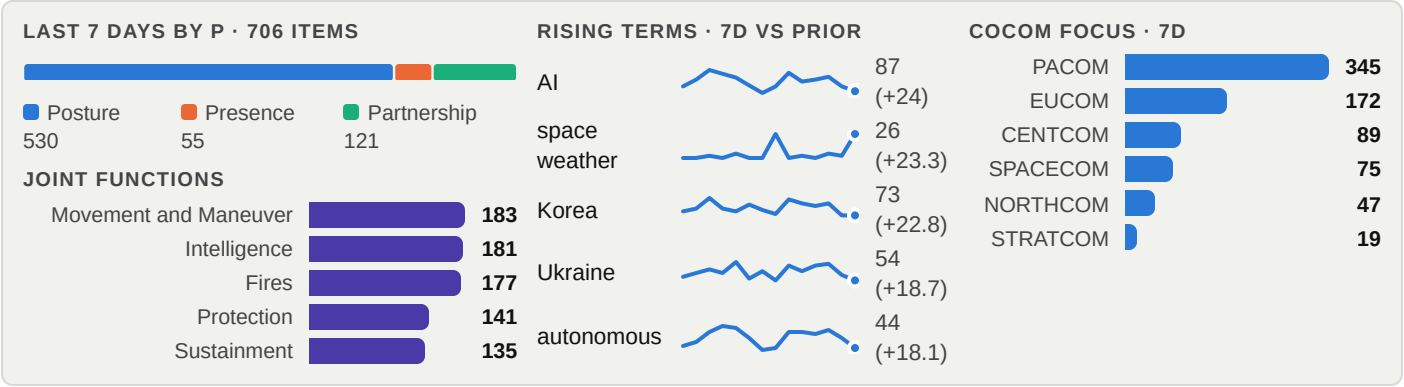
TJFSCC Daily

2026-10-10
Makani Lab · Theater Joint Force Space Component
Posture · Presence · Partnership

BLUF — Posture: SDA's Tranche 1 Transport Layer A reached orbit, South Korea tested its first hypersonic glide vehicle, and GAO says service GPS backups lack coordination. Presence (execution): the Army activated a fourth Indo-Pacific MDTF as PRC-Philippine clashes spread to the Luzon Strait. Attention: a G2 storm arrived a day early and runs to 2359Z 10 Oct (NOAA SWPC).



Posture

Force · Capability · C2 & authorities · Resilience

SpaceX launches 21 Northrop Grumman satellites for U.S. military data network

SpaceNews · 2026-10-10 Capability SPACECOM Command and Control USSF

Falcon 9 launched 21 Northrop Grumman satellites for SDA's Tranche 1 Transport Layer from Vandenberg at 0739Z on 10 Oct, adding to the PWSA data layer (SpaceNews).

So what: Adds proliferated LEO data transport for theater fires and missile-tracking links.

Watchdog Urges Better Alignment Across Pentagon’s Planned GPS Backups

Air & Space Forces Magazine · 2026-10-09 Resilience SPACECOM Movement and Maneuver PNT / GPS

GAO's 7 Oct report says service GPS backups, including SDA and Army LEO PNT and a Navy celestial receiver, need better coordination to avoid delay and duplication.

So what: Contested PNT is a theater gap; uncoordinated backups slow hardened PNT to the joint force.

Space weather: WARNING: Geomagnetic K-index of 6 expected

NOAA Space Weather Prediction Center · 2026-10-10 Resilience SPACECOM Protection Space Weather

SWPC issued a G2 (Moderate) storm warning to 2359Z 10 Oct after Kp hit 5 at 1535Z, a day early; LEO drag, attitude errors and HF fade are possible.

So what: Expect conjunction-screening churn and HF fade; operators should plan around the storm.

First Look At Hypersonic Boost-Glide Vehicle Just Tested By South Korea

The War Zone · 2026-10-09 Capability PACOM Intelligence Missile Warning / Defense

South Korea's Presidential Office announced the first successful test of a domestic hypersonic boost-glide vehicle at Anheung; range and speed were not disclosed (TWZ).

So what: Adds an HGV signature on the Peninsula that missile warning must classify fast.

Lockheed Martin unveils PAC-3 Edge interceptor designed to counter hypersonic threats

Defense News · 2026-10-10 Capability PACOM Protection Missile Warning / Defense

Lockheed Martin unveiled PAC-3 Edge, an interceptor with a new seeker, upgraded flight controls and a Northrop Grumman multi-pulse motor, aimed at hypersonic threats.

So what: Hypersonic defense still relies on space-based tracking to cue interceptors like this one.

First Guardians complete Jungle Operations Training Course in Panama

U.S. Space Force · 2026-10-08 Force SOUTHCOM Movement and Maneuver USSF

Two Space Force officers became the first Guardians to complete the Jungle Operations Training Course-Panama at Aeronaval Base Cristobal Colon.

So what: Builds Guardians able to deploy forward with joint forces in Indo-Pacific jungle terrain.

Presence

Planning · C2 · Execution · Exercises

4th Multi-Domain Task Force Officially Activates

U.S. Pacific Command · 2026-10-08 Execution PACOM Fires Exercises

The Army activated the 4th Multi-Domain Task Force at Fort Carson on 8 Oct to synchronize long-range fires in the Indo-Pacific; it reports to 7th ID (MDC-Pacific).

So what: Another theater fires formation needs space ISR, PNT and SATCOM synchronized into it.

Philippine and Chinese Incidents Spike in South China Sea, Luzon Strait

USNI News · 2026-10-09 Execution PACOM Movement and Maneuver China / PLA

USNI News counts at least six dangerous PRC-Philippine encounters since 1 Oct at Scarborough, Second Thomas and the Spratlys, plus a new standoff near the Batanes.

So what: Space-based maritime awareness must now cue joint and allied forces in the Luzon Strait.

China militia boat spotted for first time off Taiwan's east coast, patrol finds

The Japan Times · 2026-10-09 Execution PACOM Intelligence China / PLA

A Taiwan patrol spotted a PRC maritime militia boat off Taiwan's east coast for the first time; Taipei sees those waters as key to wartime resupply (Japan Times).

So what: Militia east of Taiwan widens the area joint forces need space-based awareness over.

84th TES provides Total Force support throughout the Pacific

U.S. Pacific Command · 2026-10-08 Exercises PACOM Fires Exercises

Reserve Airmen of the 84th Test and Evaluation Squadron supported a series of test, exercise and flying operations across the Pacific, in theater and from Eglin AFB.

So what: Test crews in theater exercises help the joint force rehearse kill chains under realistic load.

Partnership

Share → Plan → Train → Operate → Depend

His Majesty's Canadian Ship Ottawa returns to Esquimalt following Operations HORIZON and LATITUDE

Canada — National Defence · 2026-10-09 Operate PACOM Command and Control Allies & Partners

HMCS Ottawa returned 9 Oct from Op HORIZON; at RIMPAC 2026 it commanded Task Group 170.1, coordinating 14 allied ships screening USS Theodore Roosevelt.

So what: A FVEY ship led a combined task group in the AOR, showing Operate-level integration.

U.S. expects S. Korea to 'uphold' alliance standards amid intelligence cooperation concerns: senior official

Yonhap News (English) · 2026-10-09 Share PACOM Intelligence Allies & Partners

A senior U.S. official said Washington expects South Korea to uphold alliance standards amid concerns over its intelligence cooperation (Yonhap).

So what: Friction over intel standards could hold U.S.-ROK space data sharing at the Share stage.

Space Force seeks clearer view of private capital behind emerging technologies

SpaceNews · 2026-10-08 Share SPACECOM Sustainment USSF

The Space Force awarded startup USAX $1.49 million for a platform that tracks private capital in emerging tech and informs co-investment (SpaceNews).

So what: Better insight into private capital helps USSF pick commercial partners for deeper ties.

Japan confirms arrest of Russian Qilin operative, extradition to Germany

The Record (Recorded Future) · 2026-10-09 Operate PACOM Protection Cyber Operations

Japan's National Police Agency confirmed it arrested a Russian national accused of Qilin ransomware involvement and extradited him to Germany (The Record).

So what: Japan acting on a partner's cyber case shows allied cooperation moving to Operate.

WATCH LIST

- G2 storm warning to 2359Z 10 Oct; G2 watch 11 Oct (NOAA SWPC).
- FPDA Bersama Lima field phase 12-23 Oct; Keen Sword 27 runs 19-29 Oct with NMESIS in Japan's far west.
- GPS maintenance outages: SVN52 (PRN31) 13 Oct and SVN53 (PRN17) 15 Oct (NANU).
- KEV due 11 Oct for five Flax Typhoon CVEs; patch Citrix NetScaler SAML flaw CVE-2026-107406.