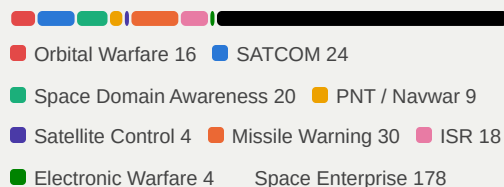


Space Watch

BLUF — DPRK fired a missile on 3 Oct that KCNA called a hypersonic intermediate-range strategic missile; ROK JCS said it flew over 700 km. The Space Force retired the last DSP satellites, so SBIRS alone carries GEO missile warning until Next-Gen OPIR. SDA launches 21 more PWSA transport satellites on 5 Oct. Attention item: DPRK tempo, the second hypersonic-class launch in two weeks.

LAST 7 DAYS BY MISSION AREA · 303 ITEMS



RISING TERMS · 7D VS PRIOR



BY THE NUMBERS · 7D

Orbital launches 4 (0 PRC, 4 US, 0 failed) · max Kp 5
GPS NANUs 2 (0 unusable) · reentries 15 (10 payloads)
Conjunctions < 1 km, next 7 d: 7,783 (5229 active pairs)
Space-Track emergency-reportable CDMs 22, TIP reentries 22 (0 high-interest)

COUNTERSPACE SPOTLIGHT — YAOGAN / PLA ISR CONSTELLATIONS · PRC (PLA) · Yaogan ('remote sensing') EO/SAR/ELINT triplets, Jilin-1 commercial

WHY NOW

SpaceNews reports Yaogan-40 and Guowang launches closing September ahead of a busy PRC Q4 manifest. Launch Library logs nine Yaogan satellites launched in September.

MENTIONS, 30D · PACOM RELEVANCE

1 this week. Yaogan coverage spans the First Island Chain, Guam and the sea approaches the joint force must cross.

CAPABILITIES / TTPS

- Yaogan-40 triplets, officially for 'electromagnetic environment probing' (Launch Library)
- Multi-satellite groups on LM-4B and LM-6A; Yaogan 53/56 put six satellites up on one launch
- EO, SAR and ELINT families that feed PLA long-range targeting (taxonomy assessment)

IMPLICATIONS

- More Yaogan revisits shorten the windows in which forces can move unobserved in the Western Pacific.
- Each new group needs 18 SDS custody and pass products before it can inform theater counter-ISR plans.

Missile Warning

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

(LEAD) N. Korea's Kim oversees hypersonic missile launch, calls for bolstering war deterrent

Yonhap News (English) · via TJFSCC Daily · 2026-10-03

DPRK fired a ballistic missile into the East Sea on 3 Oct KST; ROK JCS said it flew over 700 km. KCNA called it a hypersonic intermediate-range missile drill (Yonhap).

So what: Second hypersonic-class DPRK shot in two weeks for the space layer to detect and track.

Consider: Consider reviewing how MW/MT data from the 3 Oct launch reached theater users.

[PACOM](#) [Missile launches & tests](#) [Hypersonic](#)

Space Force Sunsets 1970s-Era Missile Warning Satellite Constellation

Air & Space Forces Magazine · 2026-10-01

The last two DSP satellites went to graveyard orbit after a September USSPACECOM exercise; SBIRS carries GEO missile warning until Next-Gen OPIR (Air & Space Forces).

So what: Theater missile warning now rests on SBIRS alone until the first Next-Gen OPIR GEO reaches orbit.

Consider: Be aware the DSP retirement may change assumptions in older MW plans and checklists.

[SPACECOM](#) [Missile defense](#) [SBIRS / Next-Gen OPIR](#)

SATCOM

Military and commercial satellite communications: WGS, MUOS, AEHF/ESS, protected

Space Force laying groundwork to connect future satellite 'enclaves' as it prepares for additional launches

DefenseScoop · 2026-10-02

SDA launches 21 Northrop Grumman T1 Transport Layer satellites on 5 Oct, taking PWSA to 84 in four planes (DefenseScoop); Tranche 0 is being deorbited (Inside Defense).

So what: Each new plane adds regional data-transport coverage for the theater.

Consider: Consider tracking T1TL checkout and when SDA declares an operational capability date.

[SPACECOM](#) [Proliferated LEO](#) [Launch](#) [PWSA \(SDA Transport/Tracking\)](#)

Satellite Control

Flying the constellations: the Satellite Control Network, ground segment and ant

Space Force Interested in Commercial Antennas to Control Satellites

Air & Space Forces Magazine · 2026-09-28

Space Force and MDA reset the SCAR program as a Commercial Solutions Opening for government-owned, leased or antenna-as-a-service options to relieve the 19-antenna SCN. White papers are due 15 Oct (Air & Space Forces).

So what: SCN capacity limits how often theater-relevant satellites can be contacted and commanded.

Consider: Be aware commercial antenna leasing brings the cyber and multi-tenant risks the notice names.

SPACECOM Commercial integration Acquisition & contracts SCN / R2C2 / ground

ISR

Space-based intelligence, surveillance and reconnaissance: tactical ISR from spa

China launches Guowang, Yaogan-40 satellites, sets up busy Q4 manifest

SpaceNews · 2026-10-01

SpaceNews reports China's ninth and tenth September launches carried Guowang and Yaogan-40 satellites ahead of a busy Q4 manifest. Launch Library logs Yaogan-40 Group 04 (three satellites) from Taiyuan on 24 Sep.

So what: More Yaogan groups add PLA revisit over U.S. and allied forces in the Western Pacific.

Consider: Consider asking 18 SDS for custody and overflight data on the new Yaogan-40 group.

PACOM Launch Proliferated LEO Yaogan / PLA ISR constellations

Space Enterprise

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

Trump taps Miller to head U.S. Space Command

DefenseScoop · 2026-09-30

The President nominated Lt. Gen. David Miller Jr., the DCSO for strategy, plans, programs and requirements and a former SpOC commander, to lead USSPACECOM and succeed Gen. Whiting (DefenseScoop).

So what: A new USSPACECOM commander will set space-control priorities that flow to the component.

Consider: Be aware of the confirmation timeline; Whiting is expected to retire by January 2027.

SPACECOM Organization & people GPS

Partner to Win: Space forces Japan Integrates Regional Space Advisors to Deepen Japanese Partnership

U.S. Indo-Pacific Command · 2026-10-02

U.S. Space Forces-Japan at Yokota AB has integrated Regional Space Advisors into its daily operations to deepen cooperation with Japan (USINDOPACOM).

So what: This is a working model for the combined space integration that SPACEPAC pursues with partners.

Consider: Consider reviewing the SPACEFOR-J RSA model for other SPACEPAC partner lines.

PACOM Allies & partners

Nothing significant this week: ■ Orbital Warfare · ■ Space Domain Awareness · ■ PNT / Navwar · ■ Electronic Warfare

WATCH LIST

- 5 Oct 0817Z: SDA T1 Transport Layer A (21 sats), Vandenberg; 7 Oct 0323Z: ROK Nuri with NeonSat-2 to 6.
- 9 Oct 1925Z: LM-12 from Wenchang, payload unknown. 6 Oct 0302Z: 18 SDS CDM COSMOS 2160 vs DIADEME 2.
- GPS forecast outages (NANU): PRN07 6 Oct 1630Z-7 Oct 0030Z; PRN05 and PRN12 from 8 Oct 1530Z.

RECOMMENDATIONS (FOR AWARENESS)

- Be aware DSP is retired; recommend reviewing MW sensor assumptions for the Korean Peninsula in current plans.
- Consider requesting 18 SDS custody of the September Yaogan groups for theater counter-ISR planning.
- Consider engaging SPACEFOR-J on its Regional Space Advisor model as a template for other partner lines.