**MoU between Space Compass and Hellas Sat to pursue the connectivity of Hellas Sat 5 and Space Compass's GEO data-relay satellite**

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Space Compass Corporation and HELLAS SAT signed a Memorandum of Understanding (MoU) for technical and commercial collaboration on Optical Inter-Satellite Connectivity. Cross-operator optical communication interoperability is considered essential for the practical implementation of high-speed, high-capacity optical communications.

Space Compass is developing a GEO optical data-relay service for Earth Observation Satellite operators to enable real time earth observation insights.

As part of this initiative, Space Compass and ESA have signed a Memorandum of Intent (MoI) to jointly conduct the feasibility study of interoperability of optical communication between their respective in-orbit satellite optical communication network demonstration programs, including Space Compass's Optical Data Relay Services.
In parallel with ongoing technical discussions with ESA, Space Compass will further advance this initiative to realize interoperability between different optical communication networks and constellations. Through these efforts, Space Compass aims to accelerate cross-operator and cross-network interoperability across operators and networks.
https://space-compass.com/en/news/000080.html

Hellas Sat is progressing the design of Hellas Sat 5 (HS5), a new GEO satellite equipped with an advanced optical payload, further enhancing the range and resilience of services delivered from its orbital position at 39° East.

The HS5 satellite is expected to play an important role in advancing space-based optical communications intending to host the ESA HydRON (High Throughput Optical Network) payload. Positioned at 39°E geostationary orbit, HS5 shall support a demonstration mission for validating next-generation optical technologies—such as high-capacity inter-satellite laser links and ultra-fast ground connectivity—and provide secure, high-throughput communications services. By integrating the optical payload, HS5 will bridge geostationary and low earth orbit systems, enable seamless optical data relay.

**About Space Compass**

Space Compass is a joint venture between NTT, a global Information and Communications Technology (ICT) company, and SKY Perfect JSAT Corporation, Asia's largest satellite operator. The company was established to develop the Space Integrated Computing Network, a new multi-orbital, optical communication-based independent space infrastructure designed to address social challenges. For more information, please visit:
https://space-compass.com/en/

This project is one of the initiatives of space business brand under NTT Group's "NTT C89" and SKY Perfect JSAT's "JSAT".

https://group.ntt/en/aerospace

https://www.skyperfectjsat.space/jsat/en

**About Hellas Sat**

Hellas Sat is a leading satellite operator with three (3) geostationary satellites, two of which are co-located at 39° East orbital position, and two (2) teleport facilities in Greece and Cyprus of 15.000m$^2$ and 30.000m$^2$ respectively providing Satellite & Ground services to Enterprises, Government & Defense customers around the world. https://www.hellas-sat.net