

MEDIA RELEASE

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Kleos' Polar Vigilance satellites pass Integration Readiness Review

- **Development milestones confirms Polar Vigilance satellites are on track for mid-2021 SpaceX Falcon 9 launch.**

Kleos Space S.A (ASX:KSS, Frankfurt:KS1, Kleos or Company), a space-powered Radio Frequency Reconnaissance data-as-a-service (DaaS) company, confirms development of its second satellite cluster, the Polar Vigilance Mission (KSF1), is on track for a mid-2021 SpaceX launch after successfully completing Integration Readiness Review, and the satellites start the build process with satellite builder ISISPACE.

The four Polar Vigilance nanosatellites are in the assembly and testing phase in preparation for final acceptance. Kleos' satellites will then be delivered to the launch site for integration into the SpaceX Falcon 9 launch vehicle.



Figure 1: KSF1a Satellite component assembly in progress

The KSF1 Polar Vigilance Mission satellites are scheduled for a mid-2021 launch onboard a SpaceX Falcon 9, under a rideshare contract with Spaceflight Inc. The KSF1 satellites will launch into a 500-600km Sun Synchronous orbit, increasing Kleos' coverage to the north and south of the 37° inclination of the Scouting Mission satellites, which successfully launched in early November 2020. Kleos' third satellite cluster, the Polar Patrol Mission, is scheduled to launch in December 2021 aboard a SpaceX Falcon 9.



Figure 2: KSF1 Satellite model c/o ISISPACE

Kleos' satellites detect and geolocate radio frequency transmissions to provide global activity-based intelligence, improving the detection of 'dark' activities such as drug and people smuggling, border challenges, and illegal fishing.

Kleos Space CTO Miles Ashcroft said, "Development of the KSF1 cluster is progressing at an incredible pace with delivery to site planned for the end of May. Kleos is leveraging the experience and enthusiasm of its satellite builder, Netherlands-based ISISPACE, to develop and deliver quickly as well as improve hardware and software capability. We are growing our constellation rapidly in 2021 with a further cluster scheduled for launch towards the end of the year. Every satellite cluster launched increases the ground covered and the time covered, thus, the value of our radio frequency geolocation data increases, enabling tiered subscription licences for governments and commercial entities to be offered."

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About Kleos Space S.A.

Kleos is a space enabled, activity-based intelligence, data as a service company based in Luxembourg, US and UK. Kleos aims to guard borders, protect assets and save lives by delivering global activity-based intelligence and geolocation as a service. The first Kleos satellite system, known as Kleos Scouting Mission (KSM), will deliver commercially available data and perform as a technology demonstration. KSM will be the keystone for a later global high capacity constellation. The Scouting Mission will deliver targeted daily services with the full constellation delivering near-real time global observation – www.kleos.space.

About ISISPACE

ISISPACE is one of the leading companies in the small satellite market. Founded in 2006, the company operates globally and serves customers worldwide in accomplishing their space missions and applications. ISISPACE specializes in realizing innovative turn-key small satellite missions including launch and operations for in-orbit delivery. ISISPACE designs and builds small satellite platforms, for single missions and constellations, standardized or optimized in performance and size tailored to the mission needs. In addition to that, the company supports space capability building through training programs, knowledge transfer as well as component sales – www.isispace.nl