

ASX RELEASE

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Observer Mission ready for launch integration; completes final testing milestone

- Kleos' fourth satellite cluster, the Observer Mission, has successfully completed all required environmental testing prior to pre-shipment check out.
- Testing was carried out by Innovative Solutions In Space (ISISpace), the manufacturer of Kleos' Vigilance, Patrol and Observer Mission satellites.
- Observer Mission satellites will now be integrated with the launch deployers and shipped to launch site.
- The Observer Mission is scheduled to launch on SpaceX Transporter-6 planned for Q4 2022.
- The National Reconnaissance Office (NRO) has awarded Commercial RF Capabilities Contract to Kleos Space Inc.

Kleos Space S.A (ASX: KSS, Frankfurt: KS1) (Kleos or Company), a space-powered Radio Frequency Reconnaissance Data-as-a-Service (**DaaS**) and Mission-as-a-Service (**MaaS**) provider, advises its fourth cluster of four satellites, the Observer Mission (KSF3), is ready to be shipped to the launch site after successfully completing environmental test phases.

The Observer Mission satellites have successfully completed all System Assembly and Integration and Test (**SAIT**) activities, followed by system level electrical and mechanical functionality verification, including environmental testing of the satellites. Each system has been subjected to vibration, thermal, and electromagnetic compatibility (**EMC**) tests, ensuring functionality of the cluster after launch for the duration of the mission.

Kleos' CTO, Vincent Furia, said: "Our four Observer satellites have now completed the final testing phase and will soon be sent to the launch site for integration with the launch vehicle. The next crucial step before launch is integration with the deployers, which is planned for this month. The Observer Mission, featuring VHF and X-Band collection payloads, will expand our data collection capability and provide additional value to our customers."

The Observer Mission satellites will be deployed into a Sun Synchronous orbit from Cape Canaveral Space Force Station in Florida on the Transporter-6 SpaceX mission currently scheduled for Q4 2022 and will expand Kleos' data collection capacity by up to an additional 119 million km² per day.

National Reconnaissance Office Awards Commercial RF Capabilities Contract to Kleos Space

Kleos Space Inc. (Kleos Space S.A.'s U.S. subsidiary) has been awarded a first stage contract, from the National Reconnaissance Office (**NRO**) as part of the Strategic Commercial Enhancements Broad Agency Announcement (**SCE BAA**) Framework.

The NRO is responsible for maintaining global vigilance in times of peace and war. It develops, acquires, launches, and operates innovative space-based surveillance and reconnaissance systems that collect and deliver intelligence to enhance U.S. national security.



After a multiple-phase proposal process, Kleos was awarded the first stage contract under the NRO's SCE BAA Framework, focused on the analysis, modelling, and simulation of Kleos' capabilities to support the U.S. Government's current and future commercial radio frequency (**RF**) reconnaissance needs. The NRO's SCE framework continuously evaluates new and emerging capabilities and providers. Whilst the monetary value of the first stage of the contract is not material, the contract award has a significant impact on Kleos' future potential to deliver into the U.S. Government market.

Under the project, Kleos will provide insights into how to optimise evolving commercial RF geolocation capability to enhance and augment existing capabilities in a persistent, resilient, cost-effective manner that is also easily shareable across the U.S. Government, and with international partners and allies.

Follow-on stages will emphasise tasking, data collection and direct delivery of data to end-users. This contract will allow Kleos to support the U.S. Government Defense, Intelligence, and Law enforcement missions, thanks to the integration of its data within the NRO's capabilities.

Kleos' Chief Revenue Officer, Eric von Eckartsberg, said: "We are very proud to receive this contract with the NRO, and to start our projected journey to growth with RF Earth Observation data, which imagery companies have been enjoying for many years."

"This study project represents a significant opportunity for Kleos to help the NRO assess the operational and decision-making usefulness of commercial RF GEOINT and understanding how our unique data set can be leveraged and fused with NRO's operational capabilities through a combination of modelling and simulation, and analysis of collected data from our growing constellation of satellite clusters."

"Our four satellites per cluster constellation has significant operational benefits, including increased resilience and risk reduction compared to systems with fewer satellites. It enables us to collect additional radio frequencies within each band and accurately detect transmissions even when the tracking or positional system has been disabled or turned off. Our independent intelligence data can be used to validate or tip and cue other commercial datasets to enhance situational awareness."

This announcement has been authorised for lodgement by the CEO of Kleos Space S.A.

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For further information, please contact:

Europe

Kleos Space S.A.

Andy Bowyer

P: +1 (240) 756 4700

E: andy.bowyer@kleosglobal.com

Australia

Automic Group

Jasmine Walters

P: +61 466 322 326

E: jasmine.walters@automicgroup.com.au



About Kleos Space

Kleos is a space-enabled radio frequency (RF) Reconnaissance data-as-a-service company with operations in Luxembourg, the U.S., and the U.K. Kleos locates radio transmissions in key areas of interest around the globe, efficiently uncovering data points to expose human activity on land and sea. Using clusters of four satellites, proprietary RF data is collected, transmitted to the ground, processed, and delivered to customers worldwide. Customers, including analytics and intelligence entities, will license data on a Data-as-a-Service (DaaS) subscription basis for government and commercial use cases – aiding better and faster decision making. Kleos' first satellite cluster, the Scouting Mission (KSM), successfully launched in November 2020, performed as a test and technology demonstration. The company's second satellite cluster, the Vigilance Mission, successfully launched in June 2021, and its Patrol Mission launched in April 2022. Kleos' fourth cluster, the Observer Mission, is targeted for a 2022 launch. These satellite clusters form the foundation of a global high-capacity constellation of up to 20 satellite clusters, which will deliver high value global observation. For more information visit: www.kleos.space