

## ASX RELEASE

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### Kleos Scouting Mission satellites dispatched to India for 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 it has dispatched its four Scouting Mission nanosatellites to Chennai, India, in preparation for launch aboard PSLV C49 from the Satish Dhawan Space Centre.

The dispatch starts the Kleos specific launch activity for the Scouting Mission satellites on PSLV C49, a rideshare mission conducted by the Indian Space Research Organisation (ISRO) that includes satellites from other organisations such as Spire Global.

The satellites are being transported to the integration facility where they will undergo a system checkout and mechanical inspection prior to battery charging, and fuelling. The satellites will be armed for flight, inserted into their dispensers and finally integrated onto the PSLV launch vehicle.

#### Polar Satellite Launch Vehicle

The Polar Satellite Launch Vehicle (PSLV) is an expendable medium-lift launch vehicle designed and operated by the Indian Space Research Organisation (ISRO).

PSLV has gained credence as a leading provider of rideshare services for smallsats, due its numerous multi-satellite deployment campaigns with auxiliary payloads usually ride sharing along with an Indian primary payload. As of December 2019, PSLV has launched 319 foreign satellites from 33 countries. Most notable among these was the launch of PSLV C37 on 15 February 2017 successfully deploying 104 satellites in sun-synchronous orbit. The Scouting Mission satellites will be launched into a 37-degree inclination orbit, delivering information over crucial shipping regions including the Strait of Hormuz, South China Sea and East and West African coasts.

#### Scouting Mission Satellites

Kleos' Scouting Mission satellites will detect and geolocate maritime radio frequency transmissions to provide global activity-based intelligence, enhancing the intelligence, surveillance and reconnaissance (ISR) capabilities of governments and commercial entities when Automatic Identification System (AIS) is

#### Milestones to Revenue

The following roadmap illustrates a number of steps to commence and manage expected revenue post launch of the Kleos' Scouting Mission satellites:

- ✓ **Investor and media engagement**
- ✓ **International broker engagement**
- ✓ **Growth in management team**
- ✓ **Ground stations contract in place**
- ✓ **Early adopter contracts**
- ✓ **Transport satellites to launch site**
  - Kleos' Scouting Mission satellites launch
  - Satellites complete early orbit phase
  - Revenues commence

defeated, imagery unclear or targets out of patrol range. Used with other data sources, Kleos' independent geolocation data will assist the detection of hidden maritime activity, such as piracy, drug and people smuggling and illegal fishing.

Kleos Space CEO Andy Bowyer said, "Our Scouting Mission satellites are the foundation of our future constellation, which will deliver unprecedented situational awareness at sea with near real-time coverage over key regions of maritime interest including the Strait of Hormuz, South China Sea and African coast.



After launch, our satellites will commence their Launch and Early Orbit Phase (LEOP) which is one of the most critical phases of a mission. Spacecraft operations engineers take control of the satellites after launch vehicle separation, up to the time when the satellites are safely established in their final orbit.

The shipping of satellites and their ground support equipment to the launch pad is a key milestone and confirms launch is imminent. On arrival in Chennai, our Scouting Mission satellites will commence integration procedures with the launch vehicle."

This announcement has been authorised by Andy Bowyer, CEO of Kleos Space S.A.

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**About Kleos Space S.A.**

Kleos Space S.A. (ASX: KSS) is a space enabled, activity-based intelligence, data as a service company based in Luxembourg. Kleos Space aims to guard borders, protect assets and save lives by delivering global activity-based intelligence and geolocation as a service. The first Kleos Space 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-realtime global observation – [www.kleos.space](http://www.kleos.space).

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