

ASX RELEASE

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Kleos to Launch Second Satellite Cluster on SpaceX Falcon 9

Growing the Kleos Constellation

Kleos Space (ASX: **KSS**, Frankfurt: **KS1**) (**Kleos, Company**) a space-powered Radio Frequency Reconnaissance data-as-a-service company, advises that as part of the expansion of their constellation a contract has been signed with rideshare provider Spaceflight Inc to manifest a cluster of Kleos satellites on the SpaceX Falcon 9 launch scheduled for mid-2021. This will be the second cluster to be launched by Kleos, following the first four Kleos' Scouting Mission satellites that are in the Sriharikota Range in India awaiting launch on PSLV C49 by the Indian Space Research Organisation (ISRO).

This mission will be named Polar Vigilance Mission and is a cluster of four satellites, launching into a 500 km Sun Synchronous Orbit. The Polar Vigilance Mission will enhance the Company's RF geolocation data delivered by the Kleos Scouting Mission by covering areas North and South of the Scouting Mission 37 degree inclined orbit (Figure 1.) in addition to increasing overall coverage time in the equatorial region.

Kleos' objective is to own, launch and operate up to a maximum of 20 clusters of satellites ¹, creating a constellation that provides critical coverage for monitoring global events and key locations of interest.

Andy Bowyer, CEO of Kleos, said, "Our vision is to deliver a trustworthy, cost effective, reconnaissance data product with revisit rates that will help disrupt illegal activities, protect borders and save lives. The launch of the Polar Vigilance Mission means we take another step on that journey, collecting more data, over new areas opening additional markets whilst also providing a higher value product for our existing customer base."

The Kleos business model is to create subscription-based revenues from delivery of essential data to government and commercial entities around the globe. Kleos will be the first company to fly clusters of four satellites to accurately detect and locate the usage of the RF spectrum by legitimate and illegitimate actors. The data is collected and downlinked from the satellites then processed through the Company's proprietary algorithms. Once 'packaged' into data products and transferred to our



Figure 1: Scouting Mission (Red) and Polar Vigilance Mission (Yellow) Single Orbit Plots



Figure 2: SpaceX Falcon 9

¹ Kleos will ultimately aim to provide refresh rates of near real-time which will require a small constellation of no more than 20 satellite clusters delivering highly useful operational capability. The timeline for building up to a constellation will be driven by customer demand i.e. required revisit times or geographic areas of interest

licenced subscribers 'as-a-service', the same data can be sold unlimited times creating annuity type revenues. Kleos data product pricing scales with the launch of additional clusters collecting more data.

Final costs incurred are anticipated to be comparable with publicly available Space ride share costs and within the envelope of the cost of a launch advised within the prospectus.

This announcement has been authorised for release by the Company's Chief Executive Officer.

For further information, please contact:

Europe



Kleos Space S.A.

26, rue des Gaulois - L-1618
Luxembourg

P: +352 2088 2290

E: Andy.bowyer@kleosglobal.com

Australia



MMR Corporate Services Pty Ltd

Level 5, 52 Phillip Street
Sydney, NSW 2000 Australia

P: +61 2 9251 7177

E: Kleos@mmrcorporate.com

About Kleos Space S.A.

Kleos Space S.A. is a space enabled, activity-based intelligence, data as a service company based in Luxembourg with subsidiaries in the UK, US and Australia. Kleos aims to guard borders, protect assets and save lives by delivering global activity-based intelligence and geolocation as a service. The Kleos constellation will be progressively increased, growing to a maximum of 20 clusters. improving and enhancing the data Kleos can provide to customers.

Kleos has secured a significant number of pre-orders and has a pipeline of over 100 active opportunities which provide a solid base to the Company's outlook following deployment of the Kleos Scouting Mission satellites and increasing opportunities and revenues through to the deployment of the full constellation – www.kleos.space.

Spaceflight Inc.

Spaceflight is revolutionizing the business of space transportation through its comprehensive and innovative suite of rideshare launch and mission management services. The company offers state-of-the-art satellite integration capabilities, including flight and ground support hardware, licensing and logistics management, and mission expertise to support each customer's specific mission needs. Spaceflight's diverse portfolio of launch partners across the globe enables the company to offer routine launch options and unprecedented launch flexibility. Based in Seattle, Spaceflight has successfully launched hundreds of satellites and is a part of the Mitsui & Co., Ltd. portfolio, operating as an independent, U.S.-based company. For more information, visit <http://www.spaceflight.com>