

## ASX RELEASE

6<sup>th</sup> August 2019

### Kleos and Spire Join Forces on “Safety at Sea” Collaboration

#### Highlights

- **Collaboration Agreement with Spire Global, one of the world's largest space to cloud analytics companies**
- **Safety at Sea Collaboration to filter out legitimate maritime activity, augmenting Kleos & Spire data**
- **Kleos and Spire are key players in Luxembourg nascent NewSpace industry**

Kleos space S.A. (ASX: KSS, Frankfurt: KS1), (**Kleos or Company**), a space-powered Radio Frequency Reconnaissance data provider, advises that it will collaborate with Spire Global (**Spire**), one of the world's largest space to cloud analytics companies.

Kleos and Spire will collaborate to **combine Spire AIS data with KLEOS RF data** to create a new shared capability to bring safety at sea (**Safety at Sea Collaboration**).

Kleos and Spire have entered into an agreement to collaborate on creating enhanced tools for Maritime Safety. The effort will support and augment tools for Governments, Maritime Agencies, and all organizations with strategic interest in detecting dark vessels.

This collaboration represents the first time that an AIS provider and RF Satellite provider have entered into an agreement where these datasets will be integrated. The collaboration opens up access to the respective customer bases for the company's individual and combined products with Kleos being Defence market focussed and Spire commercial markets focussed.

By filtering with Spire's accurate picture of legitimate maritime activity, the Kleos RF activity data rapidly delivers a view of dark maritime activity.

“Spire Maritime shares a desire to illuminate parts of the world just as Kleos does,” said John Lusk, GM, Spire Maritime. “We continue to partner with the most innovative industry experts to create new access to highly relevant datasets for customers worldwide.”

Kleos' CEO Andy Bowyer said, “The collaboration between Kleos and Spire will provide unprecedented detection of dark vessels. The Safety at Sea Collaboration will provide an effective tool for Governments, Maritime Agencies and other organizations with an interest in keeping our seas safe.”

Kleos' independent, data products provide defence, security and commercial users with access to a cost-effective daily geolocation intelligence. The Kleos' Scouting Mission<sup>1</sup> satellites will provide daily geolocation observation with Kleos' planned full constellation providing near-real-time updates.

Spire Global's reputation for valuable data is due to their large constellation of fully owned and operated satellites that offer data and analytics for parts of the world where collecting data is notoriously difficult.

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**About Kleos Space S.A. (ASX: KSS)**

Kleos Space S.A. (ASX issuer code 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 & 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-real-time global observation – [www.kleos.space](http://www.kleos.space).

**About Spire Maritime**

Launched in late 2018, Spire Maritime is on a mission to become the global leader in capturing, mining, refining, and analyzing AIS-related data and information. To learn more, visit: [maritime.spire.com](http://maritime.spire.com) and [spire.com](http://spire.com)

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<sup>1</sup> The multi-satellite Scouting Mission system will form the foundation of a constellation that delivers a global picture of hidden maritime activity, enhancing the intelligence capability of government and commercial entities when AIS (Automatic Identification System) is defeated, imagery is unclear, or targets are out of patrol range. The first scouting mission is made up of 4x nano-satellites built by GomSpace in Denmark, each the size of a shoebox.