



Press release

## Geolocation of vessels from space: Unseenlabs' constellation, at the leading edge of radiofrequency detection (RF) worldwide, is strengthened with two more satellites

Rennes, France (March, 31th 2022) – BRO-6 and BRO-7, the sixth and seventh satellites of Unseenlabs' constellation dedicated to the geolocation of vessels at sea, will be launched to meet the needs of a growing demand for space-based RF. Unseenlabs owns the world's most developed fleet of independent satellites<sup>1</sup> for RF signals detection. The French company has been fully operational since 2019, and provides RF information to its public and private clients. The two satellites will be launched this month [April 2022] with two different launchers: Rocket Lab's Electron rocket and SpaceX's Falcon 9.

Unseenlabs offers a new solution that is essential for a better understanding of human activities at sea. Nowadays, ships at sea are equipped with many electronic systems emitting electromagnetic signals for navigational aid (NAVAID), and to improve security on board. The Unseenlabs' constellation specifically detects, characterizes and geolocalizes these RF signals coming from a wide range of emitters. It covers sea areas of hundreds of thousands square kilometers.

Unseenlabs processes and analyses this RF data, and provides unique knowledge for national security operations, for environmental protection and for an increasing number of applications in the commercial sector. The constellation is designed to provide data to clients to follow maritime traffic, regardless of the time of day and weather conditions.

*"Expanding our satellite fleet is an important step to provide a better service for our clients from all around the world, and to give more power and value to our RF technology", Clément Galic, CEO and cofounder at Unseenlabs, says. "The newest satellites add essential capabilities to the Unseenlabs' constellation, allowing for additional solutions and deeper analyses for our clients."*

*"We are planning to extend the constellation up to 20 satellites. The aim is to achieve an almost permanent maritime surveillance of RF activities worldwide." Jonathan Galic, CTO and cofounder at Unseenlabs, says. "Our constellation is at the top of the commercial sector regarding RF intelligence. Thanks to these newest satellites, we will offer data and information more frequently to our government and commercial partners. We wanted to say how much we are grateful to our partners for*

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<sup>1</sup> When the vast majority of companies need multiple satellites to realize an RF acquisition over a single reference point on Earth, Unseenlabs only needs one satellite. Thus, this is a crucial technological advantage for Unseenlabs.

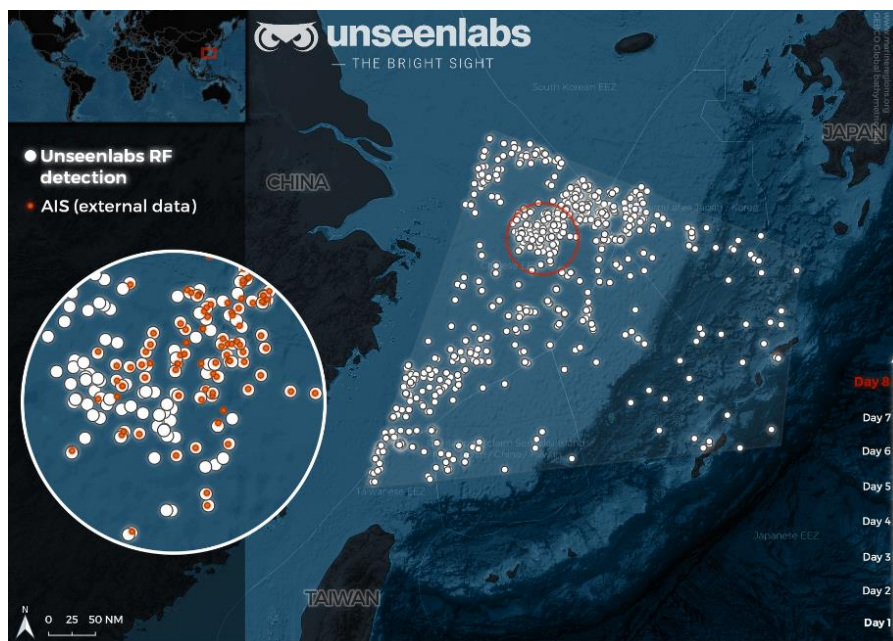
*these missions – Exolaunch, SpaceX and Rocket Lab – who work with our team and make our launchings possible.”*

Unseenlabs is a company located in Rennes, France. Unseenlabs has now 30 staff members and continues to enlarge its team. After announcing new partnerships in the US and Japan, Unseenlabs is increasing its international commercial presence.

### **About Unseenlabs**

*Founded in 2015, Unseenlabs offers a unique geolocation data service for any sea area, all around the globe. The company owns the most developed satellite constellation in the world. Thus, it allows for its clients to take quick and objective decisions based on the data we provide for sectors such as public policies at sea or the protection of marine areas. Unseenlabs’ data can be collected regardless of the time of day and weather conditions. Contact us for more information: [www.unseenlabs.space](http://www.unseenlabs.space).*

### **An example of RF data delivered by Unseenlabs’ technology – East China Sea**



*On this illustration, we can see that very few vessels are emitting AIS signals. Unseenlabs’ satellites give an exhaustive picture of the real state of the maritime traffic in this zone.*

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