



## AOS Announce Successful VDES Two-Way Communications for Maritime Communications Satellite Ymir-1

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Today the AOS collaborative announces successful two-way VDES communications through the Satellite Ymir-1. The satellite built and operated by AAC Clyde Space has transmitted and received VDES messages from across the globe. This communications milestone marks a pivotal movement towards "Connecting Everything Maritime" and strengthening the communication and navigation infrastructure within the maritime domain - providing for a safe, secure and green global communication network. Ymir-1 is part of the collaborative AOS project between AAC Clyde Space, Saab, and ORBCOMM.

Unlike its predecessor, satellite AIS (Automatic Identification System), satellite based VDES offers bidirectional communication. This means that vessels can not only receive information but also send data and messages to other ships and shore stations using VDES enabled satellites. VDES creates the ability to create a global maritime communication and navigation network enabling ship-to-ship and ship-to-shore communication everywhere on the globe, even in remote or offshore areas.

VDES offers significantly greater bandwidth compared to AIS, making it capable of handling larger volumes of data. This coupled with the enhanced real-time data exchange and cybersecurity represents a massive leap forward for situational awareness for ship operators and the support of safer navigation.

The flight proven AAC Clyde Space EPIC LINK CubeSat, Ymir-1, hosts Saab TransponderTech's advanced R6 VDES PAYLOAD transponder for two-way communication between satellite and ground. ORBCOMM will integrate data into its distribution centre for the maritime navigation and communications service deployment.

### For more information:

Please visit: [www.aac-clyde.space](http://www.aac-clyde.space) or contact:

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### ABOUT AAC CLYDE SPACE

AAC Clyde Space specialises in small satellite technologies and services that enable businesses, governments together three divisions:

**Space Data as a Service (SDaaS)** – delivering data from space directly to customers

**Space missions** – turnkey solutions that empower customers to streamline their space missions

**Space products and components** – a full range of off-the-shelf and tailor-made subsystems, components and sensors

AAC Clyde Space aims, in our chosen markets, to become a world leader in commercial small satellites and services from space, applying advances in its technology to tackle global challenges and improve our life on Earth.

The Group's main operations are located in Sweden, the United Kingdom, the Netherlands, South Africa and the USA, with partner networks in Japan and South Korea.

AAC Clyde Space's shares are traded on Nasdaq First North Premier Growth Market (Ticker: AAC). Carnegie Investment Bank AB is the Certified Adviser. The share is also traded on the US OTCQX- market under the symbol ACCMF.