



## AAC Clyde Space Deliver Weather Payload to OHB Sweden for ESA Arctic Mission

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**AAC Omnisys, part of the AAC Clyde Space group, have delivered a cutting-edge weather sensor payload to OHB Sweden which has been successfully integrated into their InnoSat platform. ESA's Arctic Weather Satellite (AWS) demonstration mission aims to simultaneously improve weather forecasts in the Arctic region and globally, while enhancing our understanding of climate change.**

The European Space Agency's Arctic Weather mission will provide frequent coverage of Earth for improved nowcasting and numerical weather prediction. The program aims to build on existing Arctic monitoring satellites, such as MetOp and MetOp SG, and provide precise, short-term weather forecasts for the Arctic region.

AAC Omnisys has developed and built an innovative scientific payload in Gothenburg specifically for this mission, a passive microwave radiometer, which will provide temperature and humidity measurements of the atmospheric layers, this data will be used for Numerical Weather Prediction and Nowcasting.

AAC Clyde Space is also supplying a high-performance STARBUCK power system from its range of microsatellite products, and a Sirius Command and Data Handling System, both designed and built at its Uppsala, Sweden, site.

This 120kg AWS satellite, planned to launch 2024, is the forerunner of a potential constellation of satellites that would supply an almost constant stream of temperature and humidity data from every location on Earth. Meteorologists will also use the mission to improve weather forecasts around the world.

*"We are delighted to deliver our custom designed and built payload for this mission. This innovative microwave-based sensor, designed for advanced space projects, provides weather data with superior quality to support improved weather forecasting and data for climate research. Through AAC Omnisys, our capabilities in developing pioneering payloads to meet the needs of our customers have expanded. This mission will not only improve weather forecasting but will empower us with greater knowledge to conserve the planet",* says **AAC Clyde Space CEO Luis Gomes**.

*"We are excited to receive the payload from AAC Omnisys and finally mount and integrate it on our InnoSat platform. This is the next important milestone on our plan to deliver and launch the Arctic Weather Satellite before the summer 2024, as planned from the beginning of the project. Together with AAC and our supply chain, we are very proud of Arctic Weather as a showcase of a delivery in time of a small satellite project to ESA within a challenging time frame of 3 years",* says **OHB Sweden CEO Benoit Mathieu**

OHB Sweden is prime contractor for the mission which also uses OHB Sweden's InnoSat platform. The entire AWS industrial team includes 31 companies from 12 countries. The Arctic Weather Satellite is funded under a contract with the European Space Agency under the Earth Watch program.

### **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 and educational organisations to access high-quality, timely data from space. Its growing capabilities bring together three divisions:

**Space Data as a Service** - 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 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. Erik Penser Bank AB is the Certified Adviser. The share is also traded on the US OTCQX-market under the symbol ACCMF.

#### **ABOUT OHB Sweden**

OHB Sweden is a provider of complete space missions, satellites as well as spacecraft subsystems (AOCS and propulsion). With more than 30 years of proven success from a wide range of space missions in low and geostationary orbit as well as spacecraft for interplanetary missions, OHB Sweden has acquired a first class reputation offering reliable and innovative solutions to its customers.

Building its success on the passion and exceptional talent of its employees, its extensive knowledge base, OHB Sweden stands stronger than ever to take on new innovative space missions together with its ever growing network of partners and customers.

For more info visit: <https://www.ohb-sweden.se/>