



Arctic Weather Satellite progressing towards launch

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The European Space Agency's (ESA) Arctic Weather Satellite has passed its Critical Design Review, a key step to start the manufacturing of the satellite ahead of planned launch in 2024. AAC Clyde Space supplies the mission's main instrument, as well as core avionics, under contracts valued at a total of 13.5 MEUR (approx. 160 MSEK).

AAC Clyde Space has developed a passive microwave radiometer specifically for the mission, which will provide data for Numerical Weather Prediction (NWP), Nowcasting (NWC). The data, consisting of temperature and humidity measurements of the atmospheric layers, will improve weather forecasting over the Arctic regions and will also contribute to the understanding of climate change, which is particularly noticeable in these regions. The Group also supplies the mission with a Starbuck power system and a Sirius command and data handling system.

"The Arctic Weather Satellite is a flagship project for AAC Clyde Space and for the Nordic region as a whole. It aims to dramatically improve weather forecasting in the Arctic region and greatly improve our understanding of climate change. It illustrates the major benefit of using small satellites to collect earth observation data as it allows more frequent and less costly data collection with the same quality.", says **AAC Clyde Space CEO Luis Gomes**.

The Arctic Weather Satellite (AWS) is a pathfinder mission to demonstrate the importance of radiometric measurements to improve weather forecasts in the Arctic region. When this first phase of the project delivers its results, the contract may be expanded to include a constellation of several satellites. The requirements of the first system are thus adapted to allow scaling up to a constellation of satellites.

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

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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 Growth Market with Erik Penser Bank AB as Certified Adviser. The share is also traded on the US OTCQX- market under the symbol ACCMF.