ÅAC Microtec get new order to develop software for the Swedish Institute of Space Physics instrument in the ESA Jupiter mission

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ÅAC Microtec AB has been awarded a 2.1 MSEK software development contract from the Swedish Institute of Space Physics for an instrument that will be part of the European Space Agency's (ESA) Jupiter mission, JUICE. The instrument will assist in the mission's overall goal, to find out if there are conditions for life in under the surface of Jupiter's moons.

"We are excited and proud to be a part of this truly pioneering science mission. Again, it shows the capability, quality and performance of our technical team and we are excited to be able to contribute to bringing another Swedish science instrument into deep space," says acting ÅAC Microtec CEO Mats Thideman.

"We are confident in teaming up with ÅAC Microtec in this very prestigious science mission that will immensely improve our understanding of the universe as we push the boundaries of what is possible in space. The mission will collect data that will occupy scientists for decades to come.", says Jan-Erik Wahlund, Principal Investigator for the RPWI instrument.

During the coming 12 months, ÅAC Microtec will collaborate with the software development team at the Swedish Institute of Space Physics to develop the flight software for the Radio and Plasma Wave Investigation (RPWI) instrument on ESA's Jupiter mission.

The Jupiter mission, the ESA JUICE – JUpiter ICy moons Explorer – will for three years make detailed observations of the giant gaseous planet Jupiter and three of its largest moons Callisto, Europa and Ganymede. The mission will travel for seven years after its planned launch in 2022 to reach the planet. ESA JUICE is the first large-class mission in ESA's Cosmic Vision 2015-2025 programme.

Jupiter, which has an extremely powerful magnetic field, forms a kind of miniature solar system with its moons. The mission will examine the system with the help of ten instruments to find answers on how a solar system can arise and with the overall goal to answer if there are conditions for life in the liquid sub-surface oceans on the moons.

The RPWI will measure magnetic and electrical fields on Jupiter's icy moons to enable scientist to draw conclusions on how the Jovian magnetosphere is built up and interacts with the electrically conductive sub-surface oceans through electromagnetic phenomena. The hope with the RPWI is also to map and study ocean flows below the moons ice cover.

Apart from the RPWI, the Swedish Institute of Space Physics will also have a PEP (Particle Environment Package) instrument, onboard the mission.

FOR MORE INFORMATION:
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ABOUT ÅAC MICROTEC AB

ÅAC Microtec and its subsidiary Clyde Space offer a full turnkey mission service from design to on-orbit operations including reliable platforms in the range of 1 to 50 Kg; customizable to suit our customers' requirements. Our end-to-end service package enables our customers to reach their mission goals with a single, trusted point of contact. In addition, we supply a full range of subsystems for cube satellites and small satellites.

ÅAC Microtec's shares are traded on Nasdaq First North Stockholm. G&W Fondkommission, e-mail ca@gwkapital.se, phone +46 8 503 000 50, is the Certified Adviser.