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Space Machines Company and ANYWAVES: Growing Franco-Australian space industry cooperation

Space Machines Company (SMC), the leading Australian in-space transportation and logistics company, has partnered with **ANYWAVES**, the unique European « pure player » antenna equipment manufacturer, to support its first mission in 2023.



Space Machines Company Roll Out Mission Render one S - © Space Machines Company

SMC's Roll Out mission in Q2 2023 will be supported by SpaceX as its launch provider. SMC will test the capability of its 270 kg Optimus Orbital Transfer Vehicle (OTV) to deliver in-space logistics services and will reinforce SMC's capability as a last-mile services provider. The 2023 mission will also see SMC obtain flight qualification and test solutions for multiple Australian payloads and customers.

SMC's Optimus OTV is one of the largest commercial spacecraft designed, manufactured and assembled in Australia and is testament to the innovation within Australia's growing SpaceTech sector. Its development and implementation will be a major step forward in increasing Australia's sovereign space capability.

Thanks to ANYWAVES' S-Band TT&C antennas, SMC will be able to ensure communications to the ground stations during critical phases of the mission, downlinking essential telemetry, and providing command authority over the spacecraft. This mission will also allow the collection of experimental data. Indeed, the S-Band antennas provided by ANYWAVES are perfectly optimised for platforms' telemetry and telecommand. They will be used to control the satellite, send instructions and ensure the spacecraft's proper functioning.

"As we approach our first launch in 2023 and start the Assembly, Integration and Testing (AIT) phase for our spacecraft, we are very pleased to announce this partnership with ANYWAVES. Space Machines already has strong partnerships across the world, and this collaboration with a French company is another milestone towards our first mission and a great example of cooperation with the European supply chain", said Rajat Kulshrestha, CEO Space Machines Company.

"We are delighted to have been chosen by Space Machines Company as a trusted partner for their very first launch. This partnership is a significant moment for ANYWAVES as we take our first step into the Australian market, opening the doors to future long lasting collaboration with this space faring nation". Dr. Nicolas Capet, ANYWAVES' CEO

About Space Machines Company

Space Machines Company is an Australian owned business primarily providing in-space transportation and logistics capabilities. Our Optimus Orbital Transfer Vehicle (OTV) has multiple applications: deployment of payloads to desired orbits, inclination changes, orbit raising (LEO to MEO, LEO to GEO and GTO to GEO), servicing (inspection and maintenance, life extension) and exploration missions (cislunar and interplanetary).

About ANYWAVES

ANYWAVES develops revolutionary antennas for the satellite constellations market. Based on a breakthrough technology and an expert team, ANYWAVES designs and manufactures according to space standards a new generation of high quality antennas, on demand or off-the-shelf. Unique European « pure player » antenna equipment manufacturer, ANYWAVES is EN 9100 certified and has sold more than 150 products since its inception in 2017. Based in Toulouse (France), the European Space capital, the company aims to become the leader of antennas for satellite constellations.

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