



McMurdo Group's Techno-Sciences, Inc. Chosen for Australia/New Zealand MEOSAR Infrastructure Deployment

€13 Million+ Deal is Asia Pacific's First Installation of Next-Generation COSPAS-SARSAT Satellite Ground Station Systems Which Aim to Reduce Search and Rescue Times to Save More Lives

Sophia Antipolis, France and Beltsville, Maryland, USA – September 2, 2014 – Techno-Sciences, Inc. (TSi), a recently-acquired company of McMurdo Group, the end-to-end search and rescue (SAR) and maritime domain awareness division of Orolia (NYSE Alternext Paris – FR0010501015 – ALORO), today announced that it has been chosen by the Australia Maritime Safety Authority (AMSA) and Maritime New Zealand (MNZ) to deploy their next-generation satellite-aided search and rescue (SAR) systems. The MEOSAR (Medium Earth Orbit Search and Rescue) installations will be the first in Asia Pacific and will reduce the time between a distress beacon activation and the resulting emergency alert notification from hours to minutes, greatly accelerating the rescue coordination effort by SAR personnel. As a result, survivors will be found faster and more lives will be saved.

"Australia and New Zealand have two of the largest SAR regions in the world, and we are pleased to help them create a more responsive system for those in need of assistance in an emergency," said Jean-Yves Courtois, CEO of Orolia and McMurdo Group. "This key win and TSi's recent completion of the only two MEOSAR systems in another major SAR region – the United States – firmly establish McMurdo Group as the premier MEOSAR infrastructure provider globally."

The deal, which exceeds €13 million (approximately \$17million USD), includes a six-antenna MEOSAR satellite ground station system (MEOLUT) in each country, a common Mission Control Center (MCC) in Canberra and associated support and maintenance. Contract execution is scheduled to start in September 2014. Installation phase will span over 15 months followed by a 10 years maintenance period.

"We are committed to working with AMSA and MNZ to implement a comprehensive search and rescue solution based on state-of-the-art technology and supported by best-in-class customer services including training, consultation and maintenance," added Jean-Luc Abaziou, CEO of Techno-Sciences, Inc. and head of McMurdo Group's SAR Infrastructure Business Unit. "This focus on support will optimize uptime and ensure the safety of individuals whether in maritime, aviation or outdoor recreation."

In a typical satellite-based search and rescue scenario, ships, aircraft or individuals transmit distress signals from an emergency location beacon via satellite to a fixed ground receiving station, or local user terminal (LUT). The ground receiving station calculates the location of the emergency and generates an alert for the appropriate rescue authorities. Today, the beacon-to-alert process depends on a limited number of Low Earth Orbit (LEO) satellites and may take several hours before a position is confirmed. The development and implementation of MEOSAR will reduce this time to minutes.

"Australia has the second largest number of registered distress beacons in the world," said AMSA's Acting Chief Executive Officer Mick Kinley. "AMSA is continually looking to take advantage of new technology in its search and rescue system, and the MEOSAR system will allow us to detect and respond to beacon activations in a more timely manner. The awarding of the contract to TSi has been the result of a rigorous tender process and AMSA is confident its engagement of TSi will enable AMSA to stay at the forefront of life-saving technology."

"The Rescue Coordination Centre New Zealand (RCCNZ) has an exceptional record of performance operating over a vast search and rescue area," said Director of Maritime New Zealand Keith Manch. "MEOSAR will provide even greater confidence for those operating in the region – whether on land, sea or in the air – that the staff of RCCNZ are supported by the latest in SAR technological innovation. We are confident in TSi's abilities to design, develop and install a MEOSAR system that will be at the center of our search and rescue operations in years to come."

TSi, which was acquired by McMurdo Group in May 2014, has been instrumental in the development of the COSPAS-SARSAT international satellite-based SAR program, which has helped to save nearly 37,000 lives worldwide since 1982. The company is also actively involved in MEOSAR, the next-generation COSPAS-SARSAT system, which will greatly improve the existing SAR process with near-instantaneous detection, identification and location of emergency distress beacons. McMurdo Group's TSi installed the world's first operationally ready six-channel MEOLUT in 2011 for the U.S. National Oceanic and Atmospheric Administration (NOAA) in Hawaii and earlier this year completed a second NOAA installation in Miami, Florida.

MEOSAR, currently in its Demonstration and Evaluation phase, is expected to have Initial Operational Capability in 2016 and Full Operational Capability by 2018. MEOSAR will use SAR-enhanced Galileo (Europe), GPS (US) and GLONASS (Russia) satellite constellations for greater global coverage and includes innovative end-user beacon functionality such as a return-link service on Galileo satellites to acknowledge distress signal receipt and provide ongoing rescue effort status.

For more information, visit www.mcmurdogroup.com.

About McMurdo Group

McMurdo Group is a global leader in search and rescue and maritime domain awareness solutions. A division of Orolia (NYSE Alternext Paris – FR0010501015 – ALORO), McMurdo Group brings together 140 combined years of experience by consolidating proven Boatracs, Kannad, McMurdo and Techno-Sciences, Inc. brands into the industry's most comprehensive portfolio of life-saving and tracking technologies that save time, costs and lives. Airbus, Boeing, the British Royal Navy, the U.S. Coast Guard, NASA and others are among the hundreds of aviation, maritime, government and military customers around the world using McMurdo Group distress beacons, satellite connectivity infrastructure, monitoring/positioning software and emergency response management solutions. Established in January 2014, McMurdo Group is based in Sophia Antipolis, France and has additional offices in France (Guidel), the U.S. (San Diego, Washington D.C.) and the U.K. (Portsmouth).

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