

EdgeTech 2205 AUV-based Sonar Aids in Discovery of Missing Argentine Submarine

WEST WAREHAM, Mass. – EdgeTech, the leader in high-resolution sonar imaging systems and underwater technology, is honored to learn that its industry-leading side scan sonar technology was used to help find the missing Argentine submarine, ARA San Juan, the company said in a Nov. 19 release.

The deep-water search was performed by Ocean Infinity and its advanced fleet of 6,000-meter-rated autonomous underwater vehicles (AUV) equipped with EdgeTech 2205 side scan sonars. EdgeTech's unique tri-frequency side scan sonar frequency combination of 75/230/410 kHz enables the host AUV to perform long-range searches in deep water, with the middle and higher frequency providing added resolution for better target identification.

The ARA San Juan was imaged by the EdgeTech sonar operating at a frequency of 230 kHz and a 400-meter range scale. The submarine, which had been missing for one year, was discovered in more than 900 meters of water.

EdgeTech side-scan sonar systems provide operators the ability to image large areas of the sea floor during important deep-water searches when the whereabouts of sunken objects are largely unknown. EdgeTech takes great pride in knowing its high quality reliable underwater acoustic imaging systems continue to assist in these demanding endeavors.