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ESSENTIAL INTELLIGENCE

CODA OCTOPUS SUCCESSFULLY INTEGRATES ITS SONAR ON AN ASV

Coda Octopus has recently partnered with AVIC IET, an offshore wind contractor in China, to integrate the Echoscope4G® Surface real-time 3D sonar on a state-of-the-art Autonomous Surface Vehicle (ASV).

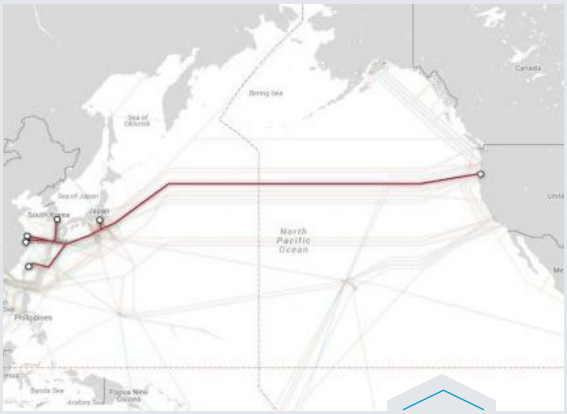
For the first time, AVIC IET will be able to autonomously control their vehicle and the Echoscope4G Surface with its integrated Pan and Tilt rotator (IPT), to survey subsea structures, monopiles, and cables on offshore wind farms.

Offshore wind energy is a rapidly expanding industry with China leading on investments in this market. BloombergNEF recently stated that in 2018 China invested around US$11.4 billion in 13 offshore wind energy projects in China.

Coda Octopus' real-time 3D sonar solutions have revolutionized the offshore wind market around the world. The Echoscope® series is the key sensor for almost all ongoing offshore wind projects where it is used for the real-time visualization and tracking of a number of tasks including: cable pull-in operations, touch down point monitoring and performing the pre and post installation survey and remediation work.

Coda Octopus is committed to its customers' investment in renewable energies, as it continues to make offshore wind farm installations and inspections simpler, safer, and more efficient. Coming soon will be its new Echoscope4G® C500 Surface, which will be its lightest, smallest and most competitively priced real-time 3D volumetric sonars yet. The C500 Surface specifically targeted to the autonomous surface vehicle market.

These are part of Coda Octopus' continued investment into automating offshore operations which include the recently released Survey Engine® Automatic Object Detection Package (SEADP) that automatically identifies, measures, and records boulders on the seafloor, significantly streamlining initial geophysical site investigations and typically used on wind farm cable route and site surveys.



TELSTRA ADDS CAPACITY TO LARGEST SUBSEA CABLE NETWORK IN ASIA PACIFIC

Telstra has announced the addition of substantial capacity to its subsea cable infrastructure with its first large capacity purchase on the new-generation New Cross Pacific (NCP) cable, and a further investment in the Faster cable.

These investments strengthen Telstra's Japan to the US route and confirm Telstra's subsea cable network as the largest in the Asia Pacific.

In December, Telstra entered into agreed terms to purchase a 25 per cent stake in Southern Cross Cable Network (SCCN). Subject to approvals the agreement includes capacity on the existing Southern Cross network and new Southern Cross NEXT subsea cable - set to become the lowest latency path from Australia to the US. Telstra has also boosted its Asia to US operations over the last 12 months, with a half fiber pair investment in the Hong Kong Americas (HKA) cable and a 6Tb capacity purchase in the Pacific Light Cable Networks (PLCN) cable, both due to be completed in 2020.

These new-builds complement Telstra's major half fibre pair investment in the INDIGO cable system from South East Asia to Australia, which has reached a major milestone with the completion of the 4,600km Indigo West cable lay from Singapore to Perth just before Christmas. Today, Telstra's subsea cable network reaches more than 400,000km – enough to circle the world almost 10 times. Once completed, Telstra's investments in SCCN, HKA, PLCN and INDIGO, will grow Telstra's subsea cable network ownership by more than 25Tb.

For a third consecutive year, Telstra received the highest product scores for High Capacity Network and Low Latency Network in the Gartner Critical Capabilities 2018 report for Network Services, Asia Pacific.