

FOR IMMEDIATE RELEASE



SubCom and the SEA-ME-WE 6 Consortium Announce Contract in Force

High-capacity undersea cable system will run from Singapore to France with branching units to 11 countries

Singapore and USA – February 21, 2022 – [SubCom](#) and the Southeast Asia-Middle East-Western Europe 6 consortium (SEA-ME-WE 6) today announced that a contract is in force and implementation has commenced for the supply and installation of a new 19,200 km undersea cable system connecting South East Asia, the Middle East, and Western Europe at 12 locations from Singapore to France. The addition of the new, high-speed cable system will improve the diversity along the route and enable consortium partners to provide more advanced, high-capacity services to customers.

“With this new cable system, our partners will be able to meet and exceed capacity demands across multiple regions,” said Mr. Yue Meng Fai, Chairperson of the SEA-ME-WE 6 Management Committee and Senior Director, Consortium Cable Engineering, Singtel. “This new, reliable and resilient system encompasses some of the most advanced transmission technologies in the world and will improve access to services for everyone along this route.”

A leader in high fiber count submarine cables, SubCom will utilize SL17-SDM cable, supporting up to 24 fiber pairs (FP). Production of the cable and equipment will take place at SubCom’s manufacturing campus in Newington, NH, USA.

The system consists of three segments: an undersea segment from Tuas (Singapore) to Ras Ghareb (Egypt), a terrestrial segment from Ras Ghareb (Egypt) to Port Said (Egypt), and another undersea segment from Port Said (Egypt) to Marseilles (France). The fiber pair capacities for each network segment have been individually designed, together with the segment fiber pair counts, resulting in multi-Terabits end-to-end capacity whilst optimizing the overall system price.

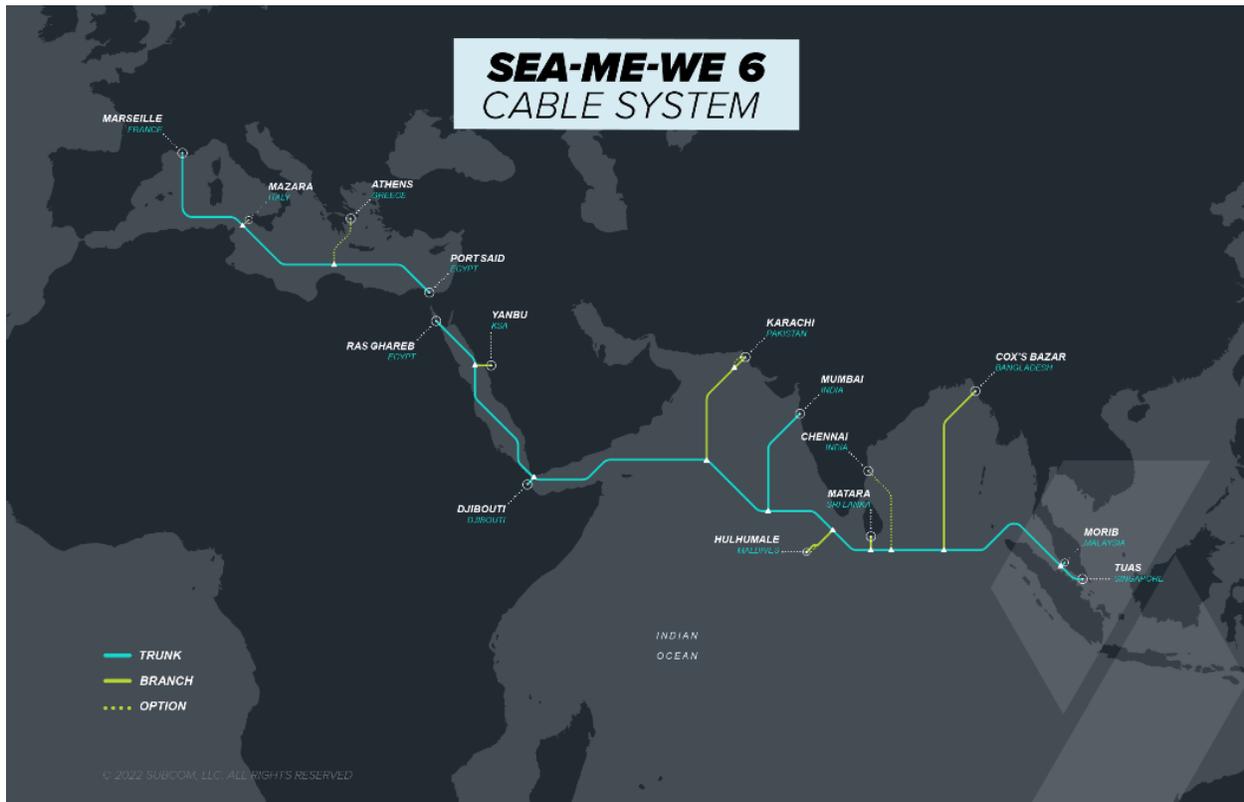
Leveraging SubCom’s industry-leading 18kV power source technology, SEA-ME-WE 6 is designed to maintain operations with single-end feed power in the event there is a far-end fault. Single-end power source capability is critical for the reliability and overall resilience of a system, particularly of extended length. SubCom’s system powering expertise and continued investment in research and development enables the company to support complex deployments requiring additional cable lengths.

To reliably support as much as 24FP on a trunk or branch port, SubCom will utilize its Enhanced Branching Unit (eBU), which provides flexible electrical power and optical fiber routing with shore-based telemetry control. The eBU latching power switching provides advanced internal management features for unit and user protection that include repair states, configurable restricted states, and a configurable power-down state that is selected for optimum system re-activation.

“SubCom is honored to drive the design, manufacture, and deployment of SEA-ME-WE 6, a system that will reach more than 11 countries and benefit hundreds of communities beyond,” said David Coughlan, CEO of SubCom. “We maintain the industry’s most advanced technology portfolio and marine installation capabilities, all of which will contribute to a successful project on behalf of the SEA-ME-WE 6 Consortium.”

The system is expected to be ready for service by the first quarter of 2025.

System Map



About SEA-ME-WE 6 Consortium

The SEA-ME-WE 6 consortium members currently include BSCCL, Bharti Airtel, Dhiragu, Djibouti Telecom, Mobily, Orange, Singtel, Sri Lanka Telecom, Telecom Egypt, Telin, TM, and TWA.

About SubCom

SubCom is the leading global partner for today's undersea data transport requirements. SubCom designs, manufactures, deploys, maintains, and operates the industry's most reliable fiber optic cable networks. Its flexible solutions include repeaterless to ultra-long-haul, offshore oil and gas, scientific applications, and marine services. SubCom brings end-to-end network knowledge and global experience to support on-time delivery and meet the needs of customers worldwide. To date, the company has deployed over 200 networks - enough undersea cable to circle Earth more than 17 times at the equator. www.subcom.com

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