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TE SUBCOM ANNOUNCES CONTRACT IN FORCE FOR JUPITER CABLE; DESIGNED TO BOOST HIGH-CAPACITY CONNECTIVITY BETWEEN ASIA AND UNITED STATES

PLDT, NTT Communications, PCCW Global, SoftBank, Facebook and Amazon select TE SubCom to install high-capacity transpacific system

EATONTOWN, N.J., October 29, 2017– [TE SubCom](#), a [TE Connectivity Ltd.](#) company and an industry pioneer in undersea communications technology, together with a consortium of six prominent telecom and content service providers, today announced that the supply contract for the JUPITER Cable system has come into force. Scheduled to be ready for service by early 2020, the JUPITER Cable system will connect the following locations: Maruyama, Japan; Shima, Japan; Los Angeles, California, USA; and Daet, Camarines Norte, Philippines. The new transpacific route will provide greater diversity of connections and enhanced reliability for customers, as well as optimal connectivity to data centers on the West Coast of the United States.

“The demand for bandwidth in the Pacific region continues to grow at a remarkable rate, and is accompanied by the rise of capacity-dependent applications like live video, augmented and virtual reality, and 4k/8k video,” said Koji Ishii of SoftBank, co-chairperson of JUPITER consortium. “JUPITER will provide the necessary diversity of connections and the highest capacity available to meet the needs of the evolving marketplace. TE SubCom has a proven record of success in the design and implementation of innovative, scalable and robust transoceanic cable systems, making the company the most reliable choice for the JUPITER supply partner.”

“Submarine cable systems continue to have a critical impact on the global economy, as well as cultural, educational and medical advancement around the world,” said Sanjay Chowbey, president, TE SubCom. “It is our privilege to help facilitate the growth of global connectivity and provide reliable, high-capacity and low-latency transmission to regions where bandwidth is at a premium. We look forward to the next phases of what will be a high quality and industry leading system implementation.”

JUPITER Cable Facts

- Partners in the JUPITER Cable project include PLDT, NTT Communications, PCCW Global, SoftBank, Facebook and Amazon.
- JUPITER Cable is approximately 14,000 km in length and has a design capacity of more than 60 Tbps.
- TE SubCom has configured JUPITER as a trunk and branch system with the most advanced submersible reconfigurable optical add/drop multiplexing (ROADM) technology available.

- ROADM functionality is implemented with wavelength selective switch (WSS) technology providing ROADM nodes with gridless, flexible and in-service bandwidth reconfiguration capability on a per wavelength basis.
- Remote reconfiguration is enabled by robust optical command/response channels.
- Effective recovery from cable cuts is available when needed, through flexible bandwidth reallocation.
- ROADM nodes are further equipped with a telemetry channel that allows access to undersea spectral performance information.

“TE SubCom has been deploying progressively more advanced optical add/drop multiplexing technology in various undersea applications since 2009,” said Mark Enright, VP Customer Solutions, TE SubCom. “The ROADM nodes in the JUPITER design are our most advanced form of this technology to date, providing unprecedented bandwidth reconfiguration flexibility in an undersea network. As the supplier of the most undersea OADM nodes in the world, with an impeccable track record, we are in a unique position to bring this advanced technology to the JUPITER Cable system.”

JUPITER Cable Map



TE SubCom will deploy this new submarine cable system bringing increased bandwidth across the Pacific region.

About TE SubCom

TE SubCom (SubCom), a TE Connectivity Ltd. company, is an industry pioneer in undersea communications technology and marine services, and a leading global supplier for today's undersea communications requirements. As a vertically integrated supplier, SubCom designs, manufactures, deploys, and maintains the industry's most reliable fiber optic cable systems. Its solutions include long-haul and regional systems, repeaterless networks, capacity upgrades, offshore oil and gas, and scientific research applications. SubCom brings end-to-end network knowledge and global experience to support on-time delivery and the needs of customers worldwide. To date, the company has deployed more than 100 cable systems and enough subsea communication cable to circle the globe 15 times at the equator. For more information, visit www.SubCom.com.

About TE Connectivity

TE Connectivity (NYSE: TEL) is a \$12 billion global technology leader. Our commitment to innovation enables advancements in transportation, industrial applications, medical technology, energy, data communications, and the home. TE's unmatched breadth of connectivity and sensor solutions, proven in the harshest of environments, helps build a safer, greener, smarter and more connected world. With 75,000 people – including more than 7,000 engineers – working alongside customers in nearly 150 countries, we help ensure that EVERY CONNECTION COUNTS – www.TE.com.

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