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Consortium selects TE SubCom as supplier for HAVFRUE cable system

Supply Contract Signed and Route Survey Under Way for HAVFRUE, First New Undersea Cable to Traverse Northern Atlantic, Connecting Mainland Northern Europe to U.S.A. in Nearly Twenty Years

EATONTOWN, N.J., January 9, 2018 – [TE SubCom](#), a [TE Connectivity Ltd.](#) Company (NYSE: TEL) and an industry pioneer in undersea communications technology, with a consortium including Aqua Comms, Bulk Infrastructure, Facebook, and others, today announced that a contract has been signed with TE SubCom as the system supplier for the HAVFRUE cable system. HAVFRUE, the Danish word for mermaid, is the first new cable system in almost two decades that will traverse the North Atlantic to connect mainland Northern Europe to the U.S.A. Route survey operations for the system have begun and system ready-for-service (RFS) is expected in Q4 2019.

The system is comprised of a trunk cable connecting New Jersey, U.S.A. to the Jutland Peninsula of Denmark with a branch landing in County Mayo, Ireland. Optional branch extensions to Northern and Southern Norway are also included in the design. The cable will bring modern, high-capacity connectivity to Northern Europe, where data center construction has been increasing to support the need for cloud services.

As supplier for the system, SubCom will incorporate their Wavelength Selective Switching Reconfigurable Optical Add Drop Multiplexer (WSS-ROADM) for flexible wavelength allocation over the system design life. The HAVFRUE cable system will be optimized for coherent transmission and will offer a cross-sectional cable capacity of 108Tbps, scalable to higher capacities utilizing future generation SLTE technology. The combination of these elements will make the HAVFRUE system a powerful and flexible solution for current uses while also providing an easy upgrade path to accommodate future advances in subsea connectivity technology.

“The HAVFRUE cable will provide state-of-the-art connectivity for increasing needs of users, ranging from individual consumers to businesses and the research community. SubCom is proud to be selected as the supplier for this project,” said Sanjay Chowbey, president of TE SubCom.

The system will be owned and operated by multiple parties, including Aqua Comms, Bulk Infrastructure, Facebook and others. Aqua Comms, the Irish cable owner/operator and carriers’ carrier, will serve as the system operator and landing party in U.S.A., Ireland, and Denmark. Bulk Infrastructure of Norway will be the owner and landing party for the Norwegian branch options.

About Aqua Comms DAC Aqua Comms DAC is an Irish Carriers' Carrier specialising in building & operating submarine cable systems and supplying fibre pairs, spectrum and capacity networking solutions to the global media, content & carrier markets. It is the owner/operator of America Europe Connect-1 (AEC-1) and Celtix Connect-1 and continues to build on its vision of efficient submarine infrastructure ownership with membership of the HavFrue consortium and development of Celtix Connect-2 and North Sea Connect, bridging the Northern Atlantic between North America and Northern Europe.

To learn more about Aqua Comms and its portfolio of subsea cable systems visit www.aquacomms.com

About Bulk Infrastructure Bulk Infrastructure is a leading Norwegian real-estate and infrastructure developer focusing on logistics, datacenters and industrial large-scale projects. The company is establishing the World's Largest Data Center Campus on Renewable Energy in South Norway called N01 Campus. Bulk has developed a large dark fiber network within Norway and created the Oslo Internet Exchange. Bulk is developing a presence as a major participant within the European Data Center infrastructure industry. Bulk continues to be ranked as the number one real-estate developer in Norway in the Warehouse and Industrial sector (Euromoney 2017). www.bulk.no

About TE SubCom (SubCom) TE 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 enough subsea communication cable to circle the Earth 15 times at the equator. For more information, visit www.SubCom.com.

About TE Connectivity TE Connectivity Ltd. is a \$13 billion global technology and manufacturing leader creating a safer, sustainable, productive, and connected future. For more than 75 years, our connectivity and sensor solutions, proven in the harshest environments, have enabled advancements in transportation, industrial applications, medical technology, energy, data communications, and the home. With 78,000 employees, including more than 7,000 engineers, working alongside customers in nearly 150 countries, TE ensures that EVERY CONNECTION COUNTS. Learn more at www.te.com and on [LinkedIn](#), [Facebook](#), [WeChat](#) and [Twitter](#).

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