ERICSSON AND OOREDOO OMAN DEMONSTRATE MULTI-GIGABIT CAPACITY WITH MICROWAVE BACKHAUL

- Joint trial successfully delivers 5.7Gbps over one carrier
- Demonstration uses new Ericsson MINI-LINK 6352 – the world’s highest-capacity E-band radio
- Microwave is Ooredoo Oman’s primary backhaul solution to address traffic increases in fixed and mobile networks

Ericsson (NASDAQ: ERIC) and Ooredoo Oman have joined forces to demonstrate the viability of microwave backhaul to provide multi-gigabit capacity for fixed and mobile networks.

Ooredoo Oman and Ericsson trialed a range of solutions that can deliver gigabit backhaul capacity, supported by the availability of new radio access spectrum. E-band (70/80GHz) spectrum is the key to supporting microwave and meeting increased capacity requirements for both backhaul and fronthaul.

The world’s highest-capacity E-band radio, the new Ericsson MINI-LINK 6352, was successfully trialed, providing 5.7Gbps over one carrier. Four carriers in traditional frequency bands and narrower channels were bonded together to provide 1.6Gbps. The success of the trial proves the capability of microwave to address growing data traffic demands and support operators in offering superior mobile broadband experiences to their customers.

Wolfgang Wemhoff, Chief Technology Officer, Ooredoo Oman, says: “Ooredoo is constantly working toward responding to changes in customer needs and providing them with the products, services and offers they want, through both mobile and fixed offerings. Our partnership with Ericsson allows us to inspire and innovate to meet the ever-changing needs of our customers and businesses in all sectors across the Sultanate of Oman.”

Rafiah Ibrahim, President and Head of Region Middle East and East Africa, Ericsson, says: “Our collaboration with Ooredoo Oman showcases the benefits of microwave backhaul for operators around the region. It also empowers Ooredoo Oman to pave the way for innovative traffic management solutions.”
NOTES TO EDITORS

Network demands and maturity vary around the world, and differences exist even within individual countries. Regardless of the situation, operators want to achieve the same goal – to provide the best possible performance and quality of experience in the most cost-efficient way. Microwave is an important backhaul solution to address an increase in traffic for both mobile and fixed networks.

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Ericsson is the driving force behind the Networked Society – a world leader in communications technology and services. Our long-term relationships with every major telecom operator in the world allow people, business and society to fulfill their potential and create a more sustainable future.

Our services, software and infrastructure – especially in mobility, broadband and the cloud – are enabling the telecom industry and other sectors to do better business, increase efficiency, improve the user experience and capture new opportunities.

With approximately 115,000 professionals and customers in 180 countries, we combine global scale with technology and services leadership. We support networks that connect more than 2.5 billion subscribers. Forty percent of the world’s mobile traffic is carried over Ericsson networks. And our investments in research and development ensure that our solutions – and our customers – stay in front.

Founded in 1876, Ericsson has its headquarters in Stockholm, Sweden. Net sales in 2015 were SEK 246.9 billion (USD 29.4 billion). Ericsson is listed on NASDAQ OMX stock exchange in Stockholm and the NASDAQ in New York.

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