



P49: Ericsson Limited - Ericsson (United Kingdom)

Description of expertise & activities

Ericsson is a world-leading provider of telecommunications equipment and related services to mobile and fixed network operators globally. Over 1,000 networks in 140 countries utilize Ericsson's network equipment and 40 percent of all mobile calls are made through the Ericsson systems. Ericsson are one of the few companies worldwide that can offer end-to-end solutions for all major mobile communication standards.

Ericsson invests heavily in R&D and actively promote open standards and systems. Also reflecting Ericsson's ongoing commitment to technological leadership, Ericsson has one of the industry's most comprehensive intellectual property portfolio containing over 20,000 patents.

Ericsson's origins date back to 1876. The parent company is Telefonaktiebolaget LM Ericsson (company registration number 556016-0680). Ericsson's headquarters are located, and the Board of Directors is seated, in Stockholm, Sweden.

Ericsson's Marconi Optical MultiService product family provides network operators with cost effective, scalable and flexible solutions to meet the needs of their networks today and into the future. Ericsson's Optical portfolio is broad: covering SDH, WDM and Ethernet transport, complemented by a common network management system. It is a key enabler to the explosion of new broadband services, and the adaptation to Full Service Broadband applications. Constantly updated, the family embraces the latest developments in transport networks, such as the evolution to Carrier Ethernet in the Metro area to meet the demands of this rapidly changing, packet-based broadband service environment. Built upon key characteristics innovation and flexibility in the areas of Ethernet and TDM transport, aggregation and switching, high capacity DWDM, OTN and fast ASTN restoration, Ericsson's Optical family can deliver a solution for every application.

Tasks within BONE

See individual WP descriptions.

Key personnel

Dr Rebecca Chandy completed her PhD in Fibre Optic Devices from Liverpool, UK in 1997. The PhD project was funded by the Royal Society in UK. She then worked on a European Research project (FP4) in designing a novel Opto electronic device. She joined Marconi in June 2000 as an Optical Devices Engineer for Optical Networks in the Advanced Component Engineering department and has been part of Ericsson Limited, UK since the acquisition of part of Marconi by Ericsson in January 2006. She has over 30 publications in leading journals