

London, UK - Lichtenau / Baden, Germany – 23rd October 2017

European Commission publishes study by LS telcom on spectrum assignment in the EU with a view to future 5G services

London, UK, Lichtenau/Baden, Germany, 23rd October 2017 – [LS telcom](#) today announces the publication by the European Commission of the “Study on Spectrum Assignment in the European Union”. The report, written by LS telcom together with PolicyTracker and VVA, examines the approaches used by EU Member States for authorizing and assigning spectrum with a view to determining which methods might be most appropriate in the context of future 5G services and the development of industrial sectors, so called vertical markets, in the European Union.

“This study will inform regulators, operators and service providers of electronic communications of the benefits from adopting alternative approaches to spectrum authorisation and assignment. These approaches could unlock access to different services using 5G technologies that may otherwise have been delayed. More flexible use of these approaches improves spectrum efficiency and ultimately improves access to connectivity for enterprises and consumers,” reports Saul Friedner, Associate Director, Spectrum Services at LS telcom.

According to the study, the spectrum access requirements of the ‘vertical’ services, which have specific technical and performance characteristics, differ widely from the requirements of mobile services, and are driving the way in which spectrum will be used, and the associated regime under which it should be authorized and assigned. The study found that assignment approaches should be harmonized across Member States, especially for higher frequency bands (e.g. 26 GHz), and appropriately sized blocks considered, when authorizing spectrum for different services.

“[The findings of the study](#) will provide additional elements in the context of the ongoing negotiations with the European Parliament and the Council on the Commission Proposal for a ‘European Electronic Communications Code’ (EECC). The study will be further exploited in the context of the implementation of the Commission 5G Action Plan,” as indicated in the [EU press release](#).

Ends

Further information:[LS telcom Media](#)[To the report in EN](#)[Executive Summary of the report in French](#)[Executive Summary of the report on German](#)**About LS telcom**

LS telcom is the global leader in spectrum efficiency. In an increasingly connected world, we assure that all spectrum users achieve their radio communication objectives in the most optimal and cost-efficient way. We deliver technologies and services to national and international regulatory bodies, to mobile and broadcast operators, to transport, critical infrastructure, defence, PPDR and vertical markets. We optimize spectrum management and spectrum use and enable new business models based on the internet of things (IoT). Spectrum users in all markets rely on our experts and software for the planning and design of optimized radio networks. We plan networks of all generations and technologies, including IoT.

On the regulatory side, we supply consulting and support services for spectrum policy development, pricing, auctions, trading, dynamic and licensed spectrum access considering technical, economic and social parameters.

Our highly modern SPECTRA Enterprise IT system provides regulators with fully automated workflow-based e-government capabilities in spectrum management. Combined with our flexible radio monitoring system, it is one of the most advanced systems for spectrum inventory and data mining, enabling highest spectrum efficiency.

Training on network technologies, standards, and regulations as well as radio monitoring system integration and optimization, transmitter installations and measurements complete our offer. Founded in 1992, LS telcom looks back on 25 years of experience in the radio communications market. Since then LS telcom, an ISO 9001:2015 certified company, has established memberships with many industry associations and organizations, and cooperates with leading technology universities. This is how we ensure to be up-to-date with technologies, standards and regulations.

LS telcom operates worldwide with subsidiaries and affiliates in Canada, China, France, South Africa, UAE, UK and USA as well as representations and support offices in Argentina, Hungary and Oman. With its headquarters in Lichtenau, Germany, LS telcom is listed on the German stock exchange under ISIN DE 0005754402 since 2001.

Contact:

LS telcom
Christiane Labitzke
Marketing & Communications Manager

clabitzke@lstelcom.com

+49 (0)7227 95 35 296 (Germany)

+ 33 (0)1 39 26 85 85 (France)

www.LStelcom.com

USA

LS telcom
Josh Grossman
Josh@meridian-hill.com
(310) 383-1771
www.LStelcom.us