

Way Clear for Continuing Development of Paging and NP2M

Resolution on Narrowband Point to Multipoint Systems Adopted by European Regulating Authorities' Umbrella Organization CEPT

Montegrotto/Haley, 4 October 2013. CEPT, the umbrella organization of European regulating authorities, adopted a resolution on NP2M technology at the 78th meeting of its Working Group on Frequency Management (WGFM), which ends today Montegrotto. This paves the way of further qualitative and quantitative developments in paging and Narrowband Point to Multipoint Systems (NP2M) in Europe.

After comprehensive analysis, the Working Group on Frequency Management (WGFM) of the European regulators' umbrella organization CEPT adopted a resolution on NP2M technology at its 78 meeting in Montegrotto, northern Italy. The unanimously adopted "Liaison Statement" to the European standardization body ETSI paves the way for further qualitative and quantitative development of paging and NP2M in Europe – far beyond the borders of the EU.

CEPT's work on the resolution was initiated by an ETSI system reference document on NP2M, TR 103 102. In its document, ETSI proposed the allocation of frequency bands in the 440 - 470 MHz range in Europe, to be internationally harmonized as far as possible. CEPT's resolution in Montegrotto now follows this recommendation. The resolutions on NP2M are recorded in the following documents:

1. ERC Report 25: List of approved frequency allocation applications in Europe.
2. ECC Decision ECC/DEC/(06)06: Availability of the 440 - 470 MHz band for application systems.
3. ECC/DEC/(01)03 Annex 2: List of applications in the frequency bands.

The Working Group on Frequency Management (WGFM) is led by its president Sergey Pastukh (Russian Federation) and vice-president Thomas Weilacher (German Federal Network Agency, Germany).

NP2M, a specialized technology in mobile wireless networks, permits applications that would not be possible with other systems. NP2M is very economical in its energy and spectrum requirements. Its narrow bandwidth in particular makes this technology well suited to provide uniform nationwide or even European coverage for alerting and information services.

In Europe some operators and members of Critical Messaging Association CMA operate nationwide digital paging networks based on NP2M. Frequencies are allocated by CEPT members, the national regulating authorities. e*Message holds frequency assignments that are renewable in 2025. As an international confirmation of the European e*Message Group's operating platform, the Montegrotto resolution is an important building block for future developments.

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CEPT: Conférence Européenne des Administrations des Postes et des Télécommunications CEPT is the Copenhagen-based umbrella organization founded in 1959 to promote cooperation between the governmental regulating agencies of 48 European countries. CEPT is organized in two committees, responsible for post and for telecommunications, and in several working groups. In addition to the members of the European Community, its membership includes other European states and three Asian countries. Germany is represented in CEPT by the German Federal Network Agency, Bonn. CEPT members cooperate in the fields of commercial, operational, regulatory and technical standardization. Part of the Working Group on Frequency Management's (WGFM) responsibility is planning the efficient use of radio frequencies. The WGFM generally meets twice a year for a weeklong conference. Web: www.cept.org

ETSI: European Telecommunications Standards Institute The non-profit institution based in Sophia Antipolis, southern France, was founded in 1988 at the initiative of CEPT, and is the European Union's officially recognized organization for standardization. CEPT and ETSI collaborate closely in the European standardization and regulation of radio communication systems and devices. ETSI's goal is to create standards that are applicable worldwide for information and communication technologies. ETSI's members include more than 700 organizations in 62 countries, including network operators, service providers, government agencies and manufacturers. Web: www.etsi.org

CMA: Critical Messaging Association is the industry association for companies and organisations that are dedicated to the wireless delivery of time-sensitive critical messages. Our members consist of network operators, manufacturers, governmental organisations, consultancy firms and others that combine to deliver reliable, point-to-multi-point simulcast technology and integrated messaging solutions for critical and non-critical communications. Our mission is to advance the industry to ensure world-wide growth by: Providing a forum for industry participants to exchange ideas, technology, and explore new business opportunities; advocating for favourable regulatory policies; developing, promoting, and administering technology-related standards and creating a unified global voice for the critical messaging industry. The CMA was originally the European Mobile Messaging Association (EMMA) and Critical Messaging Association of the Americas. In October 2012 has been formed this worldwide alliance having their roots in the 90s. Web: www.critmsg.org