



**EUROPEAN COMMISSION**  
Information Society and Media Directorate-General  
Electronic Communications Policy  
**Radio Spectrum Policy**

Brussels, 5 July 2006  
DG INFSO/B4

**FINAL**

**MANDATE TO CEPT TO IDENTIFY THE CONDITIONS RELATING TO THE HARMONISED  
INTRODUCTION IN THE EUROPEAN UNION OF RADIO APPLICATIONS BASED ON ULTRA-  
WIDEBAND (UWB) TECHNOLOGY (MANDATE 3)**

**This mandate is issued to the CEPT without prejudice to the one-month right of scrutiny by the European Parliament, pursuant to Council Decision 1999/468/EC of 28 June 1999 (OJ L 184, 17.7.1999, p. 23) on comitology procedure.  
This one-month period is extended until 28 September 2006.**



## **Title**

Mandate to CEPT to identify the conditions relating to the harmonised introduction in the European Union of radio applications based on ultra-wideband (UWB) technology (Mandate 3).

## **Purpose**

Pursuant to art. 4 of the Radio Spectrum Decision, CEPT is mandated to undertake further work to identify the most appropriate criteria for the timely and harmonised introduction of UWB applications in the European Union. The underlying objective of this Mandate is to ensure that some of the limitations proposed by CEPT and reflected in the expected EC Decision on harmonisation of the radio spectrum above 6.0 GHz for equipment using ultra-wideband technology in the Community are duly justified and proportionate from a technical compatibility point of view.

## **Justification**

This Mandate follows from two previous Mandates given by the Commission to CEPT on UWB on April 7<sup>th</sup> 2004 and June 6<sup>th</sup> 2005, respectively, and seeks to support the objectives and integrate the work undertaken pursuant to the earlier mandates.

## **Order and Schedule**

CEPT is hereby mandated to undertake all required activities to assess specific technical compatibility issues between UWB applications and potentially affected selected radio services, based on realistic interference scenarios, with a view to enable the use of UWB equipment in:

- terrestrial transport modes, in particular private and public vehicles, within the range between 3.1 and 10.6 GHz, or a subset thereof.
- the 8.5 – 9.0 GHz band, as an extension of the long-term 6.0-8.5 GHz frequency range

In agreeing technical solutions, the utmost consideration should be given to the benefits for consumers of the lower cost of products instigated by global harmonisation and by the avoidance of undue equipment fragmentation or operational restrictions.

CEPT is mandated to provide deliverables according to the following schedule:

| <b>Delivery date</b>     | <b>Deliverable</b>                       | <b>Subject</b>  |
|--------------------------|--|---|
| 1 <sup>st</sup> May 2007 | Final Report from CEPT to the Commission | Description of work undertaken and final results achieved under this Mandate. |

In addition, CEPT is requested to report on the progress of its work pursuant to this Mandate to all the meetings of the Radio Spectrum Committee taking place during the course of the Mandate.

The result of this Mandate can be made applicable in the European Community pursuant to Article 4 of the Radio Spectrum Decision<sup>1</sup>.

In implementing this Mandate, the CEPT shall take the utmost account of Community law applicable.

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<sup>1</sup> Decision 676/2002/EC of the European Parliament and of the Council of 7 March 2002 on a regulatory framework for radio spectrum policy in the European Community, OJ L 108 of 24.4.2002, p.1.