



**EUROPEAN COMMISSION**  
ENTERPRISE DIRECTORATE-GENERAL

Single Market : regulatory environment, standardisation and New Approach  
**Mechanical and electrical engineering, and radio and telecom terminal equipment industries**  
TCAM Secretariat

Brussels, 25 July 2006  
M/391 EN

**STANDARDISATION MANDATE FORWARDED TO CEN/CENELEC/ETSI IN THE FIELD OF  
INFORMATION TECHNOLOGY AND TELECOMMUNICATIONS**

**TITLE**

Harmonised standards for Radar Target Enhancers (RTE) for sea going vessels operating in the 9300-9500 MHz Band that are not covered by Directive 96/98/EC

**PURPOSE**

The purpose of this mandate is to develop harmonised standards for RTEs and giving presumption of conformity with Directive 1999/5/EC (the R&TTE Directive).

These devices are active systems installed on board sea vessels and whose purpose is to increase the visibility range of such vessels on radars by amplifying and retransmitting of the received signal. This ensures a stronger return signal and a more even strength around the full 360° azimuth. In order to ensure the maximal efficiency in the use of spectrum, technical requirements should be laid down for these devices, in particular for, but not limited to, radiated spurious emissions. Requirements concerning RTEs for use on board ships (according to the definition of article 3 of Council Directive 96/98/EC on marine equipment) are laid down in Commission Directive 2002/75/EC of 2 September 2002 amending Council Directive 96/98/EC on marine equipment and utmost account of these requirements should be taken, when elaborating the harmonised standards.

**JUSTIFICATION**

This mandate derives from Directive 1999/5/EC. This Directive, following the “New Approach” on technical harmonisation and standards<sup>1</sup>, defines the essential requirements R&TTE equipment must meet to be placed on the market and to be put into service for its intended purpose.

Radar target enhancers not covered by Directive 96/98/EC and its amendment are covered by Directive 1999/5/EC and shall comply with its essential requirements.

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<sup>1</sup> Council Resolution of 7 May 1985 on a new approach concerning technical harmonisation and standardisation (85/C 136/01).

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Compliance with these requirements may be demonstrated by complying with harmonised standards.

### **DESCRIPTION OF MANDATED WORK**

The European Standardisation Organisations are mandated to:

- Develop a work programme for harmonised standards covering radar target enhancers;
- Develop harmonised standards for radar target enhancers, the references of which will be published in the official journal of the European Communities as giving presumption of conformity with the R&TTE Directive.
- Report the progress of the work to the Commission at regular intervals and at least prior to each meeting of the TCAM;

### **RECOMMENDATIONS**

The experts should liaise intensively with regulatory bodies and their experts, and take utmost account of the work already performed in other international bodies like the International Maritime Organisation (IMO) and the International Telecommunication Union (ITU).

### **PROPOSED SCHEDULE**

31 December 2006	Work programme
31 December 2007	Adoption of first set of standards

### **ALIGNMENT WITH OTHER INTERNATIONAL WORK**

Where appropriate, alignment with equivalent activities in the ITU, ISO/IEC and other international organisations should be ensured. In particular Recommendation ITU-R M.1176 is applicable. In addition SOLAS Regulations in respect of vessels under 150 gross tonnage concerning “S” Band and “X” Band radar target enhancers should be taken into account.

### **STANDSTILL**

For the terms of Article 7 of the Directive 98/34/EC, the standstill applies for the standards developed within the present mandate.

### **PUBLICATION IN THE OFFICIAL JOURNAL**

Titles in all of the official languages of the Community are required.