

Radiocommunication and navigation standardisation for the future: where we are and next steps

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ETSI TG26 (maritime and amateur radio)

The remit of TG26 is broken down into the following areas:

- **Digital Selective Calling (DSC):**
- **EN300 338 series:**
 - **EN300 338-1 common DSC requirements**
 - **EN300 338-2 Class A / B DSC**
 - **EN300 338-3 Class D DSC**
 - **EN300 338-4 Class E DSC**
 - **EN300 338-5 Class H DSC**
 - **EN300 338-6 Class M DSC**
 - **EN300 338-7 BAM interface for DSC**
 - **EN300 338-8 DSC remote control interface**

BEACONS:

- **EN 303 132** Marine Survivor Locating Systems using DSC
- **EN 303 098** Marine Survivor Locating Systems using AIS
- **EN 302 961** Maritime Personal Homing Beacon intended for use on the frequency 121,5 MHz for search and rescue purposes
- **EN 302 512** Satellite PLBs operating in the 406MHz band with or without homing beacons;

Maritime Broadband Radio:

- **EN 303 276**

Maritime Broadband Radio (MBR) links for ships and fixed installations engaged in off-shore activities;

4.4 Fixed and portable VHF equipment

- **EN 301 688 V1.2.1**

Fixed and portable VHF equipment operating on 121,5 MHz and 123,1 MHz

Non-SOLAS radio:

- **EN 301 025**

VHF radiotelephone equipment for general communications and associated equipment for Class “D” Digital Selective Calling (DSC);

- **EN 301 178**

Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands (for non-GMDSS applications only);

- **EN 302 885**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC;

- **EN303 402**

Maritime mobile transmitters and receivers for use in the MF and HF bands;

Navtex:

- **EN 300 065**

Narrow-band direct-printing telegraph equipment for receiving meteorological or navigational information (NAVTEX);

Marine VHF

- **EN 301 929**

VHF transmitters and receivers as Coast Stations for GMDSS and other applications in the maritime mobile service;

- **EN 300 698**

Radio telephone transmitters and receivers for the maritime mobile service operating in the VHF bands used on inland waterways;

- **EN 300 225**

Technical characteristics and methods of measurement for survival craft portable VHF radiotelephone apparatus

- **EN 301 466**

Technical characteristics and methods of measurement for two-way VHF radiotelephone apparatus for fixed installation in survival craft

Maritime UHF (On Board)

- **EN 300 720**

Ultra-High Frequency (UHF) on-board vessels communications systems and equipment;

Radar :

- **EN 302 248**

Navigation radar for use on non-SOLAS vessels;

- **EN 302 194**

Navigation radar used on inland waterways;

- **EN 303 135**

Coastal Surveillance, Vessel Traffic Services and Harbour Radars (CS/VTS/HR);

MF/HF Telex

- **EN 303 356**

Radiotelex equipment operating in the maritime MF/HF service;

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Questions?