



Product Service

**Choose certainty.  
Add value.**

## Marine Equipment Directive

### What is the Marine Equipment Directive?

The Marine Equipment Directive was originally adopted by the EU in 1996 and has since undergone a number of amendments.

It intends to:

- enhance safety at sea
- improve the prevention of marine pollution
- establish a harmonised system for type approval procedure
- create testing standards
- produce criteria for conformity assessment
- ensure free circulation of marine equipment within the EU

All products need to be tested, undergo type examination and demonstrate continual compliance in order to gain approval under the directive.

### Marine Equipment Testing from TÜV Product Service

TÜV Product Service can complete type testing on behalf of Marine Equipment manufacturers worldwide, to ensure that their products meet the guidelines set out in the Marine Equipment Directive.

Our comprehensive testing laboratory, based in Fareham, Hampshire, is fully equipped to conduct EMC, Environmental, Safety and RF testing all under roof.

### Marine Equipment Directive Certification from BABT

TÜV Product Service's certification body, BABT, is a Notified Body under the Marine Equipment Directive 96/98/EC for Annexes A.1/4 (Navigation Equipment) and A.1/5 (Radio Communications Equipment).

Some examples within this scope BABT can certify:

- GPS Equipment
- Navtex Equipment
- Search and Rescue Transponders
- Emergency Position Indicating Radio Beacons (EPIRBs)
- AIS Class A Equipment
- MF Radio with DSC (ETSI and IEC)
- VHF Radio with DSC
- Portable Survival Craft VHF
- VHF DSC Watchkeeping Rx (EN and IEC)
- Fixed Survival Craft VHF

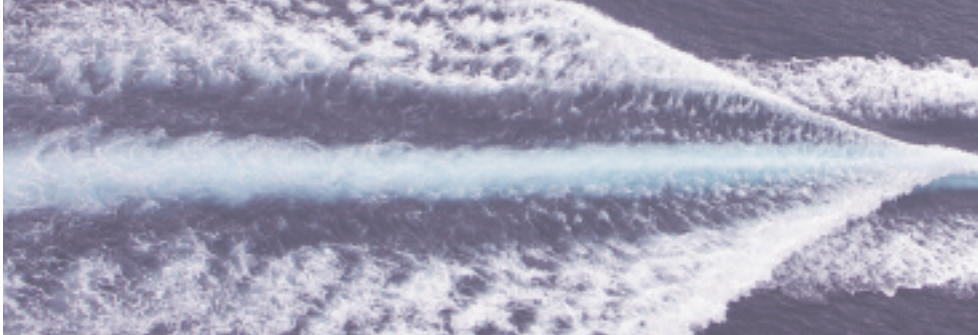


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Once a technical file is completed, BABT can carry out Type Examination (Modules B and G) and Production Control (Modules D, E, F) of the Marine Equipment Directive. A successful certification assessment from BABT will result in your products gaining the Marine Equipment Directive Wheel Mark.

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### **One Stop Testing and Certification from TÜV Product Service/BABT**

Although BABT provides certification for the Marine Equipment Directive, it is not mandatory to get your products tested by TÜV Product Service. Any ISO 17025 accredited test house can be used. However, TÜV Product Service is the UK's leading Environmental, Radio Frequency, EMC and Safety testing laboratory, offering all these services under one roof.

If you choose to use TÜV Product Service and BABT respectively for testing and certification of your products, you will receive a one-stop service enabling you faster market access, provided from one location with one project manager as your single point of contact – making testing and certification a simple process.

### **Benefit from our Wide Range of Services**

As well as certification for the Marine Equipment Directive, we can also provide Notified Body services against the requirements of the R&TTE Directive. This will enable other products not needing Marine Equipment Directive approval, such as AIS Class B equipment, to be sold in Europe.

In addition, we provide FCC and Industry Canada testing and certification for gaining access to the North American markets and a comprehensive range of other services covering other parts of the world.



### **Why Choose TÜV Product Service/BABT for your Testing and Certification?**

- Quick and efficient turnaround time
- Testing and Certification provided all under one roof
- Experienced and comprehensive project management for testing and certification
- Globally respected brand name
- Experience in type approval since the inception of the type approval regime for Telecoms Terminal Equipment in 1992
- Locally based auditors for factory audits, saving you time and money
- A team of experienced technical certifiers
- We can complete testing at manufacturers' premises
- USCG (US Coast Guard) Approval for certain devices under the EU/US MRA

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