



Bundesrepublik Deutschland
Federal Republic of Germany

Bundesamt für Seeschifffahrt und Hydrographie
Federal Maritime and Hydrographic Agency



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

RECOGNITION

Bundesamt für Seeschifffahrt und Hydrographie (Federal Maritime and Hydrographic Agency) as the notified body performing EC conformity assessment procedures in compliance with Council Directive 96/98 EC of 20 December 1996 on marine equipment, last amended by Directive 2001/53/EC of 10 July 2001, hereby certifies that the testing laboratory

PHOENIX Text-Lab GmbH
Königswinkel 10
32825 Blomberg

is competent under the terms of ISO/IEC 17025:2000 to carry out testing in the following fields:

- testing of AIS transponders on the basis of Chapter 15 of the standard "Maritime navigation and radiocommunication equipment and systems - Automatic identification systems (AIS) - Part 2: Class A shipborne equipment of the universal automatic identification system (AIS) - Operational and performance requirements, methods of test and required test results (IEC 61993-2)",
- EMC and environmental tests based on the standard "Marine navigational and radiocommunication equipment and systems - General requirements; methods of testing and required test results (IEC 60945; 1996); German version EN 60945:1997".

See restrictions overleaf.

Registration no.: BSH-061-04-2002

The recognition is valid until 30 April 2007.

(Brockmann)

Notified body

**Identification number
of notified body:**

0735

Hamburg, 3 May 2002

The following minimum performance requirements and operational checks based on the standard " Marine navigational and radiocommunication equipment and systems – General requirements; methods of testing and required test results (IEC 60945; 1996); German version EN 60945:1997" are normally carried out at the BSH and therefore not part of this recognition:

4 u. 6	Minimum performance requirements, Operational checks
4.2.1 u. 6.1	General
4.2.2 u. 6.2	Design of control facilities
4.2.3 u. 6.3	Use of controls
4.2.4 u. 6.4	Identification
4.2.5 u. 6.5	Illumination
4.2.6 u. 6.6	Damage and safety
4.2.7 u. 6.7	Inter-unit connection
4.2.8 u. 6.8	Digital panels
4.2.9 u. 6.9	Indicator
4.2.10 u. 6.10	Software
4.9 u. 13	Maintenance
4.10 u. 14	Equipment manuals
4.11 u. 15	Marking and identification
4.6 u. 11.1	Acoustic noise and signals
4.7 u. 11.2	Compass safe distance