



Bundesrepublik Deutschland

Federal Republic of Germany

Bundesamt für Seeschifffahrt und Hydrographie

Federal Maritime and Hydrographic Agency



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

Bundesamt für Seeschifffahrt und Hydrographie, specified as a "notified body" under the terms of „Schiffssicherheitsgesetz“ of 9. September 1998 (BGBl. I, p. 2860) modified last 31. October 2006 (BGBl. I, p. 2407), did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Navigation requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Directive 2002/75/EC.

Applicant **NetWave Systems B.V.**
 Address **Lichtenauerlaan 110, 3062 ME Rotterdam, NETHERLANDS**
 Manufacturer **NetWave Systems B.V.**
 Address **Lichtenauerlaan 110, 3062 ME Rotterdam, NETHERLANDS**
 Annex A.1 Item (No & Item designation) **4.29 Voyage data recorder (VDR)**
 Product Name **NW-4000 series**
 Trade Name(s) **NW-4000 series**

Specified Standard(s)

IEC 61996 (2000), Shipborne voyage data recorder (VDR)	IMO Resolution A.861 (20), Performance standard for shipborne voyage data recorder (VDRs)
IEC 60945 (2002), General requirements	IMO Resolution A.694 (17), General requirements of shipborne radio equipment and of electronic navigational aids
IEC 61162 (2000), Digital interfaces	

This certificate remains valid unless cancelled, expired or revoked.

Date of issue: **2007-02-23**

Issued by: **Bundesamt für Seeschifffahrt und Hydrographie
Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany
Notified body 0735**

Expiry date: **2012-02-22**

Certificate No.: **BSH/4612/4290091/07**

USCG Approval No.: **165.150/EC0735/4290091**

This certificate consists of 4 pages.



by order

Schul-Reifer
Schul-Reifer



Components necessary for operation:

See Annex to EC type examination (Module B) certificate No.: BSH/4612/4290091/07

Approval Documentation:

Item	No. / Version
NW4000 - 10 VDR Ship's And Operators Instruction Manual	V 1.8 January 2007
NW4000 - 20 VDR Annual Performance Test and Certification	V 1.0 January 2007
NW4000 - 50 VDR WavePlay Data replay manual	V 1.0 February 2007
NW4000 - 60 VDR Authority Access Manual	V 1.4 January 2007

Test reports for IEC60945 and IEC61996 tests, see Annex to EC type examination (Module B) certificate No.: BSH/4612/4290091/07

Limitations on the acceptance or use of the product:

Notes:

The manufacturer shall inform Bundesamt für Seeschifffahrt und Hydrographie, as the notified body, of any modifications to the type-tested product(s) that may affect compliance with the requirements or conditions laid down for use of the product(s).

In case the specified regulations or standards are amended during the validity of this certificate, the product(s) must be re-certified before being placed on board vessels to which such amended regulations or standards apply.

The Mark of Conformity (wheelmark) may only be affixed to the type approved equipment, and a Manufacturer's Declaration of Conformity may only be issued, if the product quality system fully complies with the Marine Equipment Directive and is certified by a notified body against ANNEX B module D, E, or F of the Directive.

U.S. Coast Guard Approval

This product has been assigned a U.S. Coast Guard Module B number (USCG number) to note type approval to Module B only as it pertains to obtaining U.S. Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Maritime Equipment" signed February 27th, 2004.

Notice on legal remedies available:

Objection to this document may be filed within one month after notification. The objection must be filed in writing to, or put on record at, Federal Maritime and Hydrographic Agency, Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany