



Bundesrepublik Deutschland
Federal Republic of Germany

BSH-Cert

Benannte Stelle – Navigations- und Funkausrüstung
beim Bundesamt für Seeschifffahrt und Hydrographie
Notified Body – Navigation and Radiocommunication Equipment
at the Federal Maritime and Hydrographic Agency



NOTIFIED
BODY
0735

EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

BSH-Cert, specified as a "notified body" under the terms of „Schiffssicherheitsgesetz" of 09 September 1998 (BGBl. I, p. 2860) modified last 08 March 2012 (BGBl. I, p. 483), 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 and the last modification by Directive 2012/32/EU.

Manufacturer **Netwave Systems BV**
 Address **Blauw-roodlaan 100, 2718 SJ Zoetermeer, THE NETHERLANDS**
 Applicant **Netwave Systems BV**
 Address **Blauw-roodlaan 100, 2718 SJ Zoetermeer, THE NETHERLANDS**
 Annex A.1 Item (No & item designation) **4.29 Voyage data recorder (VDR)**
4.47 Simplified voyage data recorder (S-VDR)
 Product Name **NW-4000**
 Trade Name(s) **----**

Specified Standard(s)

IMO Resolution MSC.214(81)	IEC 61996-1 Ed.1.0, 2007
IMO Resolution A.694(17)	IEC 61996-2 Ed.2.0, 2007
IMO Resolution A.861(20)	IEC 60945 Ed.4.0, 2002 incl. Corr. 1, 2008
IMO Resolution MSC.163(78)	IEC 61162-1 Ed.4.0, 2010
IMO Resolution MSC.191(79)	IEC 61162-2 Ed.1.0, 1998
	IEC 62288 Ed.1.0, 2008

Based on the Directive 2011/75/EU, additional applied version: Directive 2012/32/EU
This certificate remains valid unless cancelled, expired or revoked.

Date of issue: **07 March 2013**

Issued by: **BSH-Cert**
Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany
Notified body 0735

Expiry date: **31 December 2016**

Certificate No.: **BSH/46122/4292219/13**

USCG-Module-B No.: **165.150/EC0735** Unique Identifier: **4292219**

This certificate consists of 4 pages.



Karl-Heinz Warnstedt
Karl-Heinz Warnstedt



Components necessary for operation:

See Annex to EC type examination (Module B) certificate BSH/46122/4292219/13

Approval Documentation:

Test Report No.: BSH/46121/4291266/09

Test Report No.: BSH/46124290091/05

NW4000-10 Issue 2.1.5 Ship's and Operators Instruction Manual

NW4000-60 Issue 2.1.6 Authority Access Instruction Manual

Places of production:

Limitations on the acceptance or use of the product:

The VDR Alarm & Control Panel (NW-4010) only used for service purposes, there were no tests performed according the display test standard IEC 62288.

Notes:

The manufacturer shall inform BSH-Cert, 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 (165.xxx/EC0735/Unique Identifier [if other than EC 0735: /Number of the notified body which certifies the quality assurance system]) 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, and additional information given by U.S. Coast Guard by E-Mail 2010.

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

ANNEX TO
EC TYPE EXAMINATION (MODULE B) CERTIFICATE
No.: BSH/46122/4292219/13

Components necessary for operation:

Component	Type designation
PSU	NW-4200 Power supply & Data switch unit
Data acquisition unit – WIM	NW-4400
Audio	NW-4420
Video	NW-4445
Serial	NW-4430
Data collection Unit	DCU
Microphone	NW-4425
Final Recording Medium Fixed Capsule (4GB)	NW-4800HSS
Remote Panel - BCU	NW-4010 Voyage Data Recorder
Underwater locating device (ULD)	PT-9

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