



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 18 May 2011 (BGBl. I, p. 935), 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 2011/75/EC.

Manufacturer **Navico Inc.**
Address **23868 Hawthorne Blvd., Suite 201, Torrance, CA. 90505, USA**

Applicant **Navico Inc.**
Address **23868 Hawthorne Blvd., Suite 201, Torrance, CA. 90505, USA**

Annex A.1 Item (No & item designation) **4.14 GPS equipment**
4.50 DGPS equipment

Product Name **MX575B GPS/DGPS Navigation equipment**

Trade Name(s) **See Annex**

Specified Standard(s)

IMO Resolution MSC.112(73)	IEC 61108-1 Ed.2.0, 2003
IMO Resolution MSC.114(73)	IEC 61108-4 Ed.1.0, 2004
IMO Resolution A.694(17)	IEC 60945 Ed.4.0, 2002 incl. Corr. 1, 2008
IMO Resolution MSC.191(79)	IEC 61162-1 Ed.4.0, 2010
	IEC 62288 Ed.1.0, 2008

Based on the Directive 2009/26/EC, additional applied version: Directive 2010/68/EC, 2011/75/EC
This certificate remains valid unless cancelled, expired or revoked.

Date of Re-issue: **07 December 2011**

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

Expiry date: **06 December 2016**

Certificate No.: **BSH/4612/4142145/11**

USCG-Module-B No.: **165.130/EC0735** Unique Identifier: **4142145**

This certificate consists of 4 pages.



Karl-Heinz Warnstedt
Karl-Heinz Warnstedt



Components necessary for operation:

Component	Type designation	Part No.
GPS Receiver DGPS Receiver	MX575BG MX575B	P/N 000-10281-001 P/N 000-10280-001
User interface unit	MX510 <i>or</i> MX512 <i>or</i> MX420/2 <i>or</i> MX420/8	see Annex of this certificate
Application software	Version 1.5XX	

Approval Documentation:

- Assessment Report No.: BSH/4612/4142145/11/S3301 (IEC 61162-1 Ed.4.0)
- Test Report No.: BSH/4612/4321390/10 (IEC 62288)
- MX575A DGPS Sensor Installation Service Manual: P/N 3508-102-70920
- MX510 / MX512 Operation and Installation Manual: P/N 510-100-2002
- MX420/2 / MX420/8 Operation Manual: P/N 3508-102-70040
- MX420/2 / MX420/8 Installation Manual: P/N 3508-102-70060

Places of production:

Limitations on the acceptance or use of the product:

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/4612/4142145/11

The equipment is also distributed by the following vendors under the noted trade names:

Vendor	Type designation	Part No.
Navico, Inc. 23868 Hawthorne Blvd., Suite 201, Torrance, CA 90505 USA	MX575BG GPS	000-10281-001
	MX575B DGPS	000-10280-001
	MX510 GPS/DGPS	510-000-0000
	MX512 GPS/DGPS	512-000-0000
	MX420 GPS/DGPS	3508-102-70200 <i>or</i> 3508-102-70210
Navico Egersund AS Nyåskaien 4370 Egersund Norway	MX575BG GPS	000-10281-001
	MX575B DGPS	000-10280-001
	MX510 GPS/DGPS	510-000-0000
	MX512 GPS/DGPS	512-000-0000
	MX420 GPS/DGPS	3508-102-70200 <i>or</i> 3508-102-70210

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