



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 April 2008 (BGBl. I, p. 706), 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 2009/26/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 **4.41 Transmitting heading device THD (GNSS method)**
 (No & item designation)

Product Name **MX575B GPS/DGPS Compass**

Trade Name(s) **See annex**

Specified Standard(s)

| | |
|----------------------------|---|
| IMO Resolution A.694(17) | ISO 22090-3 Ed.1.0, 2004 incl. Corr.1, 2005 |
| IMO Resolution MSC.116(73) | IEC 60945 Ed.4.0, 2002 incl. Corr.1,2008 |
| IMO Resolution MSC.191(79) | IEC 61162-1 Ed.3.0, 2007 |
| | IEC 61162-2 Ed.1.0, 1998 |
| | IEC 62288 Ed.1.0, 2008 |

Based on the Directive 2009/26/EC
This certificate remains valid unless cancelled, expired or revoked.

Date of Re-issue: **29 July 2010**

Issued by: **BSH-Cert**

Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany

Expiry date: **30 August 2012**

Notified body 0735

Certificate No.: **BSH/4612/4411746/10**

This certificate consists of 4 pages.



Kai-Jens Schulz-Reifer
Kai-Jens Schulz-Reifer



Components necessary for operation:

| Component | Type designation | Part-No. |
|----------------------|--|--|
| Antenna and receiver | MX575B Compass MX575BG Compass | 000-10280-001 000-10281-001 |
| User interface unit | MX420/2 <i>or</i> MX420/8 <i>or</i> MX510 <i>or</i> MX512 | 3508 102 70200 3508 102 70210 510 000 0000 512 000 0000 |
| Software | Version 1.5XX | |

Approval Documentation:

- Test Report No. BSH/4612/4321390/10 (IEC 62288)
- MX575A Installation & Operation Manual P/N 3508 102 70920
- MX420 Navigation System Operators Manual P/N 3508 102 70040
- MX420 Navigation System Installation & Service Manual P/N 3508 102 70060
- MX510/MX512 Operation and Installation Manual P/N 510 100 2002

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.

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/4612/4411746/10

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

| Vendor | Type designation | Part-No. |
|--------------------|--------------------------------|----------------------------------|
| Navico Egersund AS | MX575B <i>or</i> MX575BG | 000-10280-001 000-10281-001 |
| | MX510 / MX512 | 510 000 0000 512 000 0000 |
| | MX 420/2 <i>or</i> MX 420/8 | 3508 102 70200 3508 102 70210 |
| Navico Inc. | MX575B <i>or</i> MX575BG | 000-10280-001 000-10281-001 |
| | MX510 / MX512 | 510 000 0000 512 000 0000 |
| | MX 420/2 <i>or</i> MX 420/8 | 3508 102 70200 3508 102 70210 |

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