

# EC Certificate Type Examination (Module B)



This is to certify that:

Germanischer Lloyd, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No. **86 656 - 10 HH**

Applicant **Navico Egersund AS**  
**Nyaaskaivelen 2**  
**4370 Egersund, NORWAY**

Product Description **Gyro compass with Transmitting heading device**

Product Name **GC85+HR 80 and GC80+HR 80**

Trade Name **SIMRAD HR GC85+HR 80 and GC80+HR 80**

Specified Standards **ISO 22090-1 (2002); EN 60945 (2002); EN 61162 series  
Reg. V/19, IMO Res. A.694 (17), IMO Res. MSC.36(63)-(1994 HSC Code) 13, IMO  
Res. MSC.97(73)-(2000HSC Code) 13, IMO Res. MSC.116(73)**

Related Directive **2008/67/EC**

Equipment Section **Navigation equipment**

Annex A.1 Item No. **A.1/4.3**

USCG-Module-B No. **165.103 / EC 0098**


Unique Identifier **8665610**

Date of Issue **2010-01-21**

Expiry Date **2015-01-20**

**Germanischer Lloyd**



  
**Thomas Minks**

Notified Body No.: **0098**

## Schedule of Approval

### Approval Documentation

Test report : IPA No. 0282-2 dated 2008-11-14; DANAK-1910334 dated 2008-11-03 and DANAK -1910333 dated 2008-11-12; DUI 03211 dated 2008-07-28; IP Test 27A dated 2009-04-23; Performance Test SIMRAD HR80 release 1.00.0 dated 2008-07-08; TOKIMEC 16-05-2002 and 06-12-2007

### Remarks

Use with Navico Gyro Compass 13080/BO/EC only.

### Limitations on the acceptance or use of the product

none

### Comment to USCG Approval

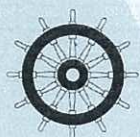
None

### Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform Germanischer Lloyd, as the Notified Body, of any modifications or changes to the approved equipment.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

This product has been assigned a U.S. Coast Guard Module B number 165.103 / EC 0098 to note type approval to Module B only as it pertains to obtaining US 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 Marine Equipment", signed February 27<sup>th</sup> 2004.



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.