



# Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **26 196 - 05 HH**

Company **ISIC  
InnoScan Industrial Computers A/S  
Edwin Rahrs Vej 54  
8220 Brabrand, Denmark**

Product Description **Marine Monitors  
LCD Displays**

Type **MON1500MII (15 inch); MON1900MII (19 inch); MON2000MII (20 inch);  
MON2300MII (23.1 inch)**

Environmental Category **C; EMC1**

Technical Data /  
Range of Application **15.0 inch, 19.0 inch, 20.0 inch and 23.1 inch diagonal LCD  
Active Matrix, Thin Film Transistor (TFT)**

**Light Intensity 350 cd/m<sup>2</sup>  
Synchronisation Range  
Horizontal : 31.3 kHz to 91.1 kHz  
Vertical : 60 Hz to 85 Hz**

**Power Supply : 90 - 265 V AC 50/60 Hz or 18 - 36 V DC**

**Optional Features: - Capacitive Touch  
- Invisible build in Loudspeaker**

**Conformance Test for Use as ECDIS Monitor (not for 15" MON1500MII)  
6542/080255/2002/S3330**

Test Standard **Guidelines for the Performance of Type Approvals Part 2, Edition 2003  
IEC 60945 Edition 4, IEC 61174**

Documents **Test report : No. 2005-3356 dated 15-08-2005; DANAK-196681 rev.1, -196682 rev.1, -  
196293 rev.2, -196645 rev.2 dated 27-08-2003; -198169 dated 05-01-2006; -197407  
dated 29-11-2005; NEMKO 45157 dated 09-09-2005; E 502282 and 500350, E500509  
and 501200; User Reference Manual 03410-000, Rev. C Edition Sep 2005**

Remarks **None**

Valid until **2010-06-19**

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Type Approval Symbol



File No. I.B.06

Hamburg, 2006-02-01

**Germanischer Lloyd**

J. Wittburg

A. Grün

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".