

Type Approval Certificate

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

This certificate is issued to:

PRODUCER	ISIC A/S
PLACE OF PRODUCTION	Edwin Rahs Vej 54 DK-8220 Brabrand Denmark
DESCRIPTION	Personal Computer Marine PC - with options for: Supply Voltage: 230/115Vac (50 Hz/60 Hz) 300W or 24Vdc 200W Main Board: IBASE Technology MB800H, ATX or Intel Corporation D865GBF series, ATX Processor: Intel Pentium 4 Celeron D 2.4-2.5GHz or Intel Pentium 4; 2.8 - 3.2 GHz RAM sizes: 0.256, 0.512 or 1GB Feature Cards: connection of serial links: RS232,-485; 10/100MB/s Ethernet (cable or fibre), Radar Overlay Card and grafics card. Hard Disk: Hitachi Travelstar 2.5" series. Optical Disk: Lite - On; MSI or Samsung Enclosure: ISIC 3U Marine Cabinet or ISIC 3U Marine Cabinet extended Lid
TYPE	PCM4-845 & PCM4-865 with options
APPLICATION	Marine and Offshore applications for use in environmental categories ENV1; ENV2 in "Bridge and Deck Zone" as defined in LR Specification No.1, 2002 where the test specification is satisfactory for the intended operation.
ADDITIONAL TESTS	"Low Temperature Test" to -15°C Compass Safe Distance
Certificate No.	07/70001
Issue Date	31.01.2007
Expiry Date	30.01.2012
Sheet	1 of 2

Lloyd's Register EMEA
Strandvejen 104A, DK-2900 Hellerup


Poul Erik Hansen
Copenhagen Design Support Centre

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Dry Heat Test to 55°C

STANDARD

IEC60945 ed.4, "Protected"
IACS E10 rev.4 May 2004

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. TA 06/70001 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	07/70001
Issue Date	31.01.2007
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Sheet	2 of 2

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