

## Type Approval Certificate Extension


This is to certify that Certificate No.07/70002 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	ISIC A/S
<b>PLACE OF PRODUCTION</b>	Edwin Rahs Vej 54 DK-8220 Brabrand Denmark
<b>TYPE</b>	PCM4-945 with options PCM4-965 with options
<b>DESCRIPTION</b>	Personal Computer Marine Type with options for:  <b><u>Power Supply:</u></b> 230/115Vac (50 Hz/60 Hz) 300W <b><u>Main Boards:</u></b> Intel Corporation: D965RY series, ATX <b><u>Processor:</u></b> Intel Corporation Core2Duo 2.13 GHz, 1066 MHz FSB, Socket 775 Intel Corporation Core2Duo 2.66 GHz, 1066 MHz FSB, Socket 775 <b><u>RAM</u></b> size: 0.256, 0.512, 1 or 2 GB <b><u>Hard Disk:</u></b> Hitachi Travelstar 2.5" series E5K160, PTA interface Hitachi Travelstar 2.5" series E7K100, PTA interface Seagate Momentus 2.5" series ST9 5400 rpm, SATA interface <b><u>Optical Disk:</u></b> Samsung SH-S183A, CD-ROM R/W+DVD R/W, SATA interface Samsung SH-S203B, CD-ROM R/W+DVD R/W, SATA interface

<b>Certificate No.</b>	07/70002(E1)
<b>Issue Date</b>	15 March 2008
<b>Expiry Date</b>	30 January 2012
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Lloyd's Register EMEA  
Strandvejen 104A, DK-2900 Hellerup

  
Poul Erik Hansen  
Copenhagen Design Support Centre

**Feature Cards:**

MATROX Millenium G550 PCIe x1 graphics card  
NVIDIA GeForce 8800 GTS series PCIe x16 graphics card  
Intel PRO1000 GT, 10/100/1000 Mbaud PCI Ethernet card  
Intel PRO 1000 PT, 10/100/1000 Mbaud PCIe x1 Ethernet card

**Enclosure:**

ISIC 3U Marine Cabinet  
ISIC 3U Marine Cabinet extended Lid

<b>TYPE</b>	210FN01 410FN01
<b>APPLICATION</b>	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.
<b>ADDITIONAL TESTS</b>	"Low Temperature Test" to -15°C "Dry Heat Test" to 55°C Compass Safe Distance Ingress Protection to IP2X
<b>STANDARD</b>	IEC60945 ed.4, "Protected" IACS E10 rev.4 May 2004 IEC 60529::2201

Examination of software aspects is restricted to functional operations as demonstrated in the Performance Test

*"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 attached Design Appraisal Document No TA07/70002(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No.07/70002 to which this extension should be attached.

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