

# TYPE APPROVAL CERTIFICATE

DNV·GL

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

Certificate No. **14 910 - 15 HH**

Company **Eleprom GmbH & Co. KG**  
**Wertstr. 2**  
**73240 Wendlingen, GERMANY**

Product Description **Panel-PCs and -Monitors**  
Type **Nautic Generation ENM, ENC**  
Environmental Category **C, EMC1**

Technical Data /  
Range of Application

<b>PC 15"</b>	
<b>ENC-150g DC</b>	<b>92.150.010</b>
<b>ENC-150t DC</b>	<b>92.150.030</b>
<b>ENC-150g AC</b>	<b>92.150.020</b>
<b>ENC-150t AC</b>	<b>92.150.040</b>
<b>PC 17"</b>	
<b>ENC-170g DC</b>	<b>92.170.010</b>
<b>ENC-170t DC</b>	<b>92.170.030</b>
<b>ENC-170g AC</b>	<b>92.170.020</b>
<b>ENC-170t AC</b>	<b>92.170.040</b>
<b>PC 19"</b>	
<b>ENC-190g DC</b>	<b>92.190.010</b>
<b>ENC-190t DC</b>	<b>92.190.030</b>
<b>ENC-190g AC</b>	<b>92.190.020</b>
<b>ENC-190t AC</b>	<b>92.190.040</b>
<b>PC 20"</b>	
<b>ENC-200t DC</b>	<b>92.200.010</b>

Test Standard **GL Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012**

Documents **Test reports: TELUS PB 293e/14, TELUS PB 360e/14, TELUS PB 471e/15; MTN 07440.75.15 V1.0, MTN 07440.76.15 V1.0, MTN 07440.77.15 V1.0, MTN 07440.78.15 V1.0, MTN 07440.79.15 V1.0, MTN 07440.80.15 V1.0, MTN 07440.81.15 V1.0. Technical Description Eleprom Nautic Generation, Release 2/2014; Part lists.**

Remarks **Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**

Valid until **2020-07-09**

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File No. **I.B.06**

**Hamburg, 2015-09-29**

Type Approval Symbol



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Marco Rinkel

Jens Dietrich

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**PC 20"**  
ENC-200t DC 92.200.010

**PC 23"**  
ENC-230g DC 92.230.010  
ENC-230t DC 92.230.030  
ENC-230g AC 92.230.020  
ENC-230t AC 92.230.040

**RAM : DDR3 4 GB, DDR3 8 GB; SSD: 64GB, 128GB, 256GB,**  
**Interfaces : 2x PS/2, 1/2x GLAN, 4x Serial (RS232 or RS485), 2x USB 2.0 Rear, 2x USB 2.0 Front,**  
**Main-CPU's :**  
**BS77 i7-3615QE 4x 2.3GHz, BS77 i7-3517UE 2x 1.7GHz, BS45 Core 2 Duo SL9400 2x 1.86GHz,**  
**BS77 Celeron 1020E, 2x2.2 GHZ.**

**Monitor 15"**  
ENM-150g DC 90.150.010  
ENM-150t DC 90.150.030  
ENM-150g AC 90.150.020  
ENM-150T AC 90.150.040

**Monitor 17"**  
ENM-170g DC 90.170.010  
ENM-170t DC 90.170.030  
ENM-170g AC 90.170.020  
ENM-170T AC 90.170.040

**Monitor 19"**  
ENM-190g DC 90.190.010  
ENM-190t DC 90.190.030  
ENM-190g AC 90.190.020  
ENM-190T AC 90.190.040

**Monitor 20"**  
ENM-200g DC 90.200.020

**Monitor 23"**  
ENM-230g DC 90.230.010  
ENM-230t DC 90.230.030  
ENM-230g AC 90.230.020  
ENM-230T AC 90.230.040

**Connectors :**  
**VGA, DVI, USB (Touch). Power Supply DC variants: 24 VDC, AC variants: 230VAC.**

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