DNV·GL

Certificate No:
TAA00000EG

TYPE EXAMINATION CERTIFICATE

This is to certify:

That the Bridge instrumentation

with type designation(s)
AlphaRemote Control Interface

Issued to
Alphatron Marine B.V.
Rotterdam, Netherlands

is found to comply with
DNV GL rules for classification – Ships

Application :

See page 2.

Temperature	**B**
Humidity	**B**
Vibration	**A**
EMC	**B**
Enclosure	**A - Required protection according to relevant rules shall be provided upon installation on board**

Issued at **Høvik** on **2016-05-02**

This Certificate is valid until **2021-05-01**.

for **DNV GL**

DNV GL local station: **Rotterdam, Product Certification /Verification**

Approval Engineer: **Frederik Tore Elter**

Jan Tore Grimsrud
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Examination Certificate and not to the approval of equipment/systems installed.

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Job Id: **262.1-020421-1**
Certificate No: **TAA00000EG**

Product description

AlphaRemote Control Interface; connection to PC with serial port, audio output, ethernet port, relay contact and Mini-USB connection for DIN rail installation.

Type Designation	Part number	Location
AlphaRemote Control Interface	3402.0292	Protected

Application/Limitation

- AlphaRemote Control Interface is to be installed in accordance with makers documentation.
- Required protection according to relevant rules shall be provided upon installation on board by installation inside enclosure.

Type Examination documentation

Tests carried out

- Environmental testing: IEC60945(2002)
- Environmental testing: DNV 2.4 - Environmental test specification for instrumentation and automation equipment

Marking of product

The Manufacturer and Type Designation to be applied to the equipment in a clearly visible location. In addition the equipment shall be marked with serial number, safe distance to magnetic compass, power consumption and/or supply voltage.

Certificate Retention Survey

A retention survey is to be performed at least once every second year, and again upon renewal of this certificate.
The scope of the retention/renewal survey is to verify that the production quality conditions stipulated for the type approval are complied with and that no alterations are made to the product design or its components and/or materials without appraisal by the Society.