

TYPE APPROVAL CERTIFICATE

This is to certify:

that the **Peripheral Equipment**

with type designation(s)
eX205, eX205 WEB, eX207, eX207 WEB, eX210, eX210 WEB, eX215, eX215 WEB

issued to

Exor International S.p.A.
San Giovanni Lupatoto, VR, Italy

is found to comply with

DNV rules for classification – Ships, offshore units, and high speed and light craft

Application:

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

Type	Temperature	Humidity	Vibration	EMC	Enclosure
eX205	D	B	A	B	B - IP66 (front) / IP20 (rear)
eX205 WEB	D	B	A	B	B - IP66 (front) / IP20 (rear)
eX207	D	B	A	B	B - IP66 (front) / IP20 (rear)
eX207 WEB	D	B	A	B	B - IP66 (front) / IP20 (rear)
eX210	D	B	A	B	B - IP66 (front) / IP20 (rear)
eX210 WEB	D	B	A	B	B - IP66 (front) / IP20 (rear)
eX215	D	B	A	B	B - IP66 (front) / IP20 (rear)
eX215 WEB	D	B	A	B	B - IP66 (front) / IP20 (rear)

Issued at **Hamburg** on **2026-04-16**

This Certificate is valid until **2031-04-15**.

for **DNV**

DNV local unit: **Italy/Malta CMC**

Approval Engineer: **Holger Jansen**

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 Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

Power supply voltage 24 Vdc

Model name	Description	Standard compass safe distance	Steering compass safe distance
eX205	5" TFT color display •800x480 pixel resolution, 16.7M colors Capacitive Multitouch 64-bit CPU, 1.6 GHz 2 Ethernet ports CAN Port JMobile Studio programming CORVINA Remote Connectivity - Option CODESYS Control - Option	70 cm	50 cm
eX205 WEB	5" TFT color display 800x480 pixel resolution, 16.7M colors Capacitive Multitouch 64-bit CPU, 1.6 GHz 1 Ethernet ports Web Browsers CORVINA Remote Connectivity - Option	70 cm	50 cm
eX207	7" TFT color display, LED backlight 1024x600 pixels resolution, 16.7M colors Capacitive Multitouch 64-bit CPU, 1.6 GHz 2 Ethernet ports CAN Port JMobile Studio programming CORVINA Remote Connectivity - Option CODESYS Control - Option	75 cm	65 cm
eX207 WEB	7" TFT color display, LED backlight 1024x600 pixels resolution, 16.7M colors Capacitive Multitouch 64-bit CPU, 1.6 GHz 1 Ethernet ports Web Browsers CORVINA Remote Connectivity - Option	75 cm	65 cm
eX210	10.1" TFT color display, LED backlight 1280x800 pixel resolution, 16.7M colors Capacitive Multitouch 64-bit CPU, 1.6 GHz 2 Ethernet ports CAN Port JMobile Studio programming CORVINA Remote Connectivity - Option CODESYS Control - Option	120 cm	75 cm
eX210 WEB	10.1" TFT color display 1280x800 pixel resolution, 16.7M colors Capacitive Multitouch 64-bit CPU, 1.6 GHz 1 Ethernet port Web Browsers CORVINA Remote Connectivity - Option	120 cm	75 cm
eX215	15.6" TFT color display, LED backlight 1920x1080 pixels resolution, 16.7M colors Capacitive Multitouch 64-bit CPU, 1.6 GHz 2 Ethernet ports CAN Port JMobile Studio programming CORVINA Remote Connectivity - Option CODESYS Control - Option	120 cm	80 cm

eX215 WEB	15.6" TFT color display 1920X1080 pixels resolution, 16.7M colors Capacitive Multitouch 64-bit CPU, 1.6 GHz 1 Ethernet port Web Browser CORVINA Remote Connectivity - Option	120 cm	80 cm
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Application/Limitation

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case. Reference is made to DNV Rules for Ships Pt.4 Ch.9 Control and Monitoring Systems.

Product certificate

If specified in the Rules, ref. Pt.4 Ch.9 Sec.1, the control and monitoring system in which the above listed hardware is used shall be delivered with a product certificate. For each such delivery the certification test is to be performed at the manufacturer of the application system before the system is shipped to the yard. The test shall be done according to an approved test program. After the certification the clause for application software control will be put into force.

Clause for application software control

All changes in software are to be recorded as long as the system is in use on board. The records of all changes are to be forwarded to DNV for evaluation and approval. Major changes in the software are to be approved before being installed.

Type Approval documentation

Tests carried out

Applicable tests according to DNV Class Guideline CG0339, August 2021.

For the bridge mounted components the 'Compass safe distance' was measured according to section 11.2 of IEC 60945 4th edition (2002).

Marking of product

The products to be marked with:

- Model name
- Manufacturer name
- Serial number (composed of 20 digits, the third of which must be "0" identifying the authorized production site "Exor International S.p.A. - Via Monte Fiorino 9-13 - IT-37057 San Giovanni Lupatoto (VR) - Italy")
- Power supply ratings
- (Optionally labeled with EXOR or CORVINA Trademark)

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the assessment are:

- Ensure that type approved documentation is available
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given
- Ensuring traceability between manufacturer's product type marking and the type approval certificate

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

Manufactured by:

Exor International S.p.A.



Job ID: **262.1-045917-1**
Certificate no.: **TAA00003VK**

Via Monte Fiorino 9-13
IT-37057 San Giovanni Lupatoto (VR)
Italy

END OF CERTIFICATE