



PRODUCT CERTIFICATE

Certificate no.:
n1922826-udq
DNV ID no.:
10062583

Particulars of Product

Function Area: **BRIDGE OPERATION SIMULATOR**

Name and type designation: **Siport21 Manoeuvring Simulator**

In use for simulation at: **Siport21, Las Matas, Spain**

Particulars of Manufacturer

Manufacturer: **Marin**

Manufacturer address: **Wageningen, Netherland**

This is to certify:

That the above product is found to comply with Class S - Standard for Certification of Maritime Simulators No. DNV-ST-0033 March 2017.

Application

The above Standard is based on requirements in the STCW Convention, Regulation I/12 and corresponding industry standard and guidelines.

This Certificate is valid until **2024-04-13**, provided the requirements for the retention of the Certificate will be complied with.

Issued at **Sandefjord, Norway** on **2023-11-13**



for **DNV**

This document is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication can be obtained from trust.dnv.com by using the Unique Tracking Number (UTN):
n1922826-udq and ID: 10062583

Aksel David Nordholm
Approval Expert

This Certificate is subject to terms and conditions overleaf. Any significant change in simulation performance may render this Certificate invalid.

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 300,000 USD.



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Application/Limitation

The primary objective of the ship manoeuvring simulator is the execution of studies on the port approach of vessels under different physical and environmental conditions for the adequate layout design of the port, the approach channel and manoeuvring zones. Another important objective is to use it for Pilots, Captains and Officers education and training, either in a basic level or for specialised, advanced or retraining courses.

Endorsement for Annual Audits

THIS IS TO CERTIFY:

at an annual audit as required by the Standard, the Simulator System was found to comply with the relevant requirements of the Standard.

1st Annual Audit Place: **Madrid, Spain** Date: **2023-03-07**



Signature: **Torsten Schröder**
Auditor, DNV

2nd Annual Audit Place: **Sandefjord, Norway** Date: **2023-11-13**



Signature: **Aksel David Nordholm**
Auditor, DNV

3rd Annual Audit Place: _____ Date: _____

Signature: _____

Stamp _____ Auditor, DNV

4th Annual Audit Place: _____ Date: _____

Signature: _____

Stamp _____ Auditor, DNV