APPROVAL CERTIFICATE

This is to certify that the

Unitest Engine Room Simulator Package

consisting of

the following modules: Virtual Engine Room or Engine Room Console (Class A ENG)
Virtual Engine Room - Electronic Control
MS Engine Room or MS Engine Room Console
Steam Engine Room
Unitest Marine Training Software
Turbo Diesel
Unitest Engine Room Full Mission Simulator
Unitest Medium Speed Engine Room Simulator MED3DH or MED3D (Class A ENG)
Unitest Medium Speed Engine Room Simulator MER3D or MEC3D (Class A ENG)
Unitest FMEC Full Mission Engine Room Simulator
Unitest Low Speed Engine Room Simulator LER3D (Class A ENG)
Gas Turbine Simulator
Unitest Low Speed Engine Room Simulator W-Xpert (FPP/CPP ver.) - Electronic Control ME (Class A ENG)
Unitest Medium Speed Engine Room Simulator PSV3D (Class A ENG)
Unitest Medium Speed Engine Room Simulator - Voith Schneider Propeller VSV3D (Class A ENG)
High Voltage Diesel Electric Engine Room Simulator HV-DE3D (Class A ENG)
LNG Diesel Electric Engine Room Simulator LNG-DE3D (Class A ENG)
Unitest Low Speed Engine Room Simulator RT-flex50DF (Class A ENG)
Unitest Medium Speed Engine Room Simulator Reefer Version Reefer3D (Class A ENG)
Unitest Low Speed Engine Room Simulator LER3D-EC – Electronic Control (Class A ENG)
Unitest Low Speed Engine Room Simulator X92 (Class A ENG)
Unitest Low Speed Engine Room Simulator X92DF (Class A ENG)
Tugboat Engine Room Simulator Tugboat3D (Class A ENG)
Fishing Vessel Engine Room Simulator FishingVessel3D (Class A ENG)

manufactured by

UNITEST Marine Simulators Sp. z o.o.
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Poland

is found to comply with

- **the requirements of STCW 2010 Convention (with Manila Amendments) including requirements of IGF Code in scope of advanced training;**
- **DNVGL-ST-0033 edition May 2019 (ENG - Simulators for the function area machinery operation).**

Certificate No. **TE/357/883995/26**

Expiry date **2029-10-01**

Issued at

Gdańsk, 2026-10-02

Signature

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Continued overleaf

Product Description:

The Unitest Engine Room Simulator Package consists from the group of modules, which have been described in the Manufacturers Technical Manuals:
- Virtual Engine Room 4.8 User's Guide (19.07.2012), Engine Room Console 4.8 User's Guide (20.06.2012), Engine Room Console 4.7 XL User's Guide (14.03.2011);
- Virtual Engine Room 5 EC User Guide (15.12.2009);
- Virtual Engine Room 6 User's Guide (15.09.2014), Engine Room Console 6 and Engine Room Console 6 XL User's Guide (28.10.2014);
- Virtual Engine Room 7 User Guide (27.04.2022);
- Unitest MS Engine Room Simulator – User Manual (03.01.2004);
- Steam Engine Room Simulators Steam Engine Room 2 LNG and Steam Engine Room Console User's Guide (21.09.2019);
- Unitest Marine Training Software User Manual: Part 1 (16.07.2001), Part 2 (27.09.2001), Part 3 (03.01.2004), Part 4 (03.01.2004), Part 5 (12.11.2005), Part 6 (9.10.2007), Part 7 (07.04.2009), Part 8 (11.09.2011); Part 9 (23.04.2019), Part 10 (20.11.2019); Part 11 (01.12.2021); Part 12 (09.06.2026); Part 13 (17.06.2026);
- Turbo Diesel 5 User Manual (08.05.2012);
- Unitest Engine Room Instructor Manual (05.06.2005);
- Unitest Medium Speed Engine Room Simulator User Manual MED3D (10.06.2021) and MED3DH (21.03.2009);
- Unitest Medium Speed Engine Room Simulator User Manual MER3D (25.01.2023);
- Unitest FMEC Full Mission Engine Room Simulator User Manual (05.04.2008);
- Unitest Low Speed Engine Room Simulator User Manual LER3DH and LER3D (19.06.2019);
- Gas Turbine Simulator User Guide (07.09.2012);
- Unitest Low Speed Engine Room Simulator W-Xpert (FPP and CPP version) User Guide (10.09.2017);
- Unitest Medium Speed Engine Room Simulator PSV3D User Guide (14.02.2024);
- Unitest Medium Speed Engine Room Simulator-Voith Schneider Propeller VSV3D User Manual (10.0.2021)
- High Voltage Diesel Electric Engine Room Simulator HV-DE3D User Manual (25.01.2023);
- LNG Diesel Electric Engine Room Simulator LNG-DE3D User Manual (26.03.2025);
- Unitest Low Speed Engine Room Simulator RT-flex50DF User's Manual (08.03.2022);
- Unitest Medium Speed Engine Room Simulator Reefer Version User Manual Reef-MED3D (29.10.2018);
- Unitest Low Speed Engine Room Simulator Electronically Controlled User Manual LER3D-EC (30.03.2026);
- Unitest Low Speed Engine Room Simulator Winterthur Gas & Diesel X92 Electronically Controlled User's Manual (29.03.2024);
- Unitest Low Speed Engine Room Simulator Winterthur Gas & Diesel X92DF Dual Fuel Electronically Controlled User's Manual (19.03.2024);
- Tugboat Engine Room Simulator Manual (24.09.2026).
- Fishing Vessel Engine Room Simulator Manual (27.04.2026)

Abbreviations:

The following abbreviations are used in this Certificate for the description of the Unitest Engine Room Simulator Package components:
UERSP - Unitest Engine Room Simulator Package, VER - Virtual Engine Room, VER EC - Virtual Engine Room - Electronic Control, ERC - Engine Room Console, ERC XL - Engine Room Console - Hardware Version, MER - MS Engine Room, MEC - MS Engine Room Console, SER - Steam Engine Room, CBT- Unitest Marine Training Software, TD - Turbo Diesel, UER - Unitest Engine Room Full Mission Simulator, MED3DH - Unitest Medium Speed Engine Room Simulator 3D Hardware Version, MED3D - Unitest Medium Speed Engine Room Simulator 3D Software Version, MER3D - Unitest Medium Speed Engine Room Simulator 3D Software Version, MEC3D - Unitest Medium Speed Engine Room Simulator 3D Hardware Version, FMEC - Full Mission Engine Room Simulator, LER3D - Unitest Low Speed Engine Room Simulator 3D Software Version, GTS - Gas Turbine Simulator, W-Xpert - Unitest Low Speed Engine Room Simulator Software Version (FPP-Fixed and CPP-Controllable Pitch Propeller version with Electronic Control Main Engine), PSV3D - Unitest Medium Speed Engine Room Simulator Software Version (Platform Supply Vessel Engine Room Simulator), HV-DE3D High Voltage Diesel Electric Engine Room Simulator 3D Software Version, LNG-DE3D LNG Diesel Electric Engine Room Simulator 3D Software Version, RT-flex50DF Unitest Low Speed Engine Room Simulator 3D Software Version, Reefer3D Unitest Medium Speed Engine Room Simulator Reefer Version 3D Software Version, LER3D-EC Unitest Low Speed Engine Room Simulator 3D – Electronic Control Software Version, X92 Unitest Low Speed Engine Room Simulator 3D Software Version, X92DF Unitest Low Speed Engine Room Simulator 3D – Dual Fuel Software Version.

Software versions: See Annex to this Certificate.
Application/Limitation: See Annex to this Certificate.

Basis of approval:
1. The technical documentation approved by PRS on 2026-09-23.
2. PRS inspection carried out on 2026-09-24.
3. PRS Survey Report No. TM/PU/12/26 issued on 2026-09-30.
4. The previous PRS Approval Certificate No. TE/344/883995/25.

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