



NIPPON KAIJI KYOKAI

Certificate No. 15-034-8



# Statement of Product Quality

**THIS IS TO CERTIFY that the below-mentioned simulator is found to comply with the NK Standard for Certification of Maritime Education & Training Simulator Systems and the following applicable standards:**

**Product description:  
GMDSS Simulator**

Physical and Cloud-Based Online Installations

**Type designation:  
GMDSS Simulator v.9**

**Manufacture:  
Wärtsilä Voyage Oy**

Hililaiturinkuja 2, FI-00180 Helsinki Finland

**Applicable Standards:**

- |  |   |
|--|---|
| 1) STCW 2010 Manila amendments             | Regulation I/12                             |
| 2) STCW 2010 Manila amendments             | Code A-I/12, B-I/12                         |
| 3) IMO model course 1.25<br>(2015 edition) | General Operator's Certificate for GMDSS    |
| 4) IMO model course 1.26<br>(2015 edition) | Restricted Operator's Certificate for GMDSS |

**NIPPON KAIJI KYOKAI**

Date of Initial Registration : 15 April, 2022  
Validity : 3 August, 2027  
Issued at Tokyo on 29 July, 2024

(Y. Yamaguchi)

Director of Business Assurance Division

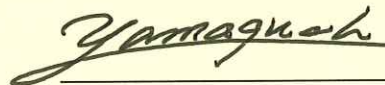


## APPENDIX-A Simulator System

### Simulator system specification

Documentation (identity)	General Product Guidelines: GMDSS simulator v.9, Cloud-Based Online Installations ■ Instructor Manual ■ Trainee Manual ■ Specification and Installation ■ Courseware ■ Product Description ■ TGS 6000 Compact Console and Alarm Panel, User Manual
Documentation reviewed (date)	Initial : 5 April, 2022
Tests and physical inspection performed (date)	Initial : 5 April, 2022 (remotely)

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## APPENDIX-B Application/Limitation

### Application/Limitation

The simulator system, as described above, gives the capability to simulate a realistic environment for all of the following competencies:

STCW-2010 Manila amendments	Competence
Table A-IV/2.1	Transmit and receive information using GMDSS subsystems and equipment and fulfilling the functional requirements of GMDSS
Table A-IV/2.2	Provide radio services in emergencies
Code B-I/12 72.1	Simulate the operation of VHF, VHF-DSC, NAVTEX, EPIRB and watch receiver equipment as required for the Restricted Operator's Certificate (ROC)
Code B-I/12 72.2	Simulate the operation of INMARSAT -B, -C and -F77 ship earth stations, MF/HF NBDP, MF-HF DSC, VHF, VHF-DSC, NAVTEX, EPIRB and watch receiver equipment as required for the General Operator's Certificate (GOC)
Code B-I/12 72.3	Provide voice communication with background noise
Code B-I/12 72.4	Provide a printed text communication facility
Code B-I/12 72.5	Create a real-time operating environment, consisting of an integrated system, incorporating at least one instructor/assessor station and at least two GMDSS ship or shore stations

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