



NIPPON KAIJI KYOKAI

Certificate No. 15-034-1



## 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:  
**Wartsila Voyage Shanghai Co.,Ltd**  
Building 13, No. 170 Jinfeng Road, Pudong New Area, Shanghai, China

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 : 4 August, 2015  
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)	<p>General Product Guidelines: GMDSS simulator v.9</p> <ul style="list-style-type: none"> <li>■ Instructor Manual</li> <li>■ Trainee Manual</li> <li>■ Specification and Installation</li> <li>■ Courseware</li> <li>■ Product Description</li> <li>■ Compact Console and Alarm Panel, User Manual</li> </ul>
Documentation reviewed (date)	<p>Initial : 1 July, 2015  Renewal: 5 June, 2018  Renewal: 15 July, 2021  Occasional: 15 March, 2023 (added Iridum GMDSS  Terminal, removed Inmarsat B and Fleet 77)</p>
Tests and physical inspection performed (date)	<p>Initial : 14 July, 2015 (at Portsmouth in UK)  Renewal: 5 June, 2018 (at Gothenburg in Sweden)  Renewal: 15 July, 2021 (remotely)  Occasional: 15 March, 2023 (remotely, added Iridum  GMDSS Terminal, removed Inmarsat B and Fleet 77)</p>

NIPPON KAIJI KYOKAI

*Yamaguchi*

(Y. Yamaguchi)

Director of Business Assurance Division



## 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 -C, 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

NIPPON KAIJI KYOKAI

*Yamaguchi*

(Y. Yamaguchi)

Director of Business Assurance Division

