



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**

**Type designation:
TGS 5000**

**Manufacture:
Transas Marine Limited
10 Eastgate Avenue, Eastgate Business park, Little Island, Cork, Ireland**

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
(2015 edition) | General Operator's Certificate for GMDSS |
| 4) IMO model course 1.26
(2015 edition) | Restricted Operator's Certificate for GMDSS |

NIPPON KAIJI KYOKAI

Date of Initial Registration : 4 August, 2015
Validity : 3 August, 2018
Issued at Tokyo on 4 August, 2015


(K. Fujitwara)
Executive Vice President



APPENDIX-A Simulator System

Simulator system specification

Documentation (identity)	General Product Guidelines: GMDSS simulator TGS 5000 <ul style="list-style-type: none">■ Instructor Manual■ Trainee Manual■ Specification and Installation■ Courseware■ Product Description■ TGS 6000 Compact Console and Alarm Panel, User Manual
Documentation reviewed (date)	1 July, 2015
Tests and physical inspection performed (date)	14 July, 2015 (at Portsmouth in UK)


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

NIPPON KAIJI KYOKAI


 (K. Fujiwara)
 Executive Vice President

