

STATEMENT OF COMPLIANCE

Particulars of Product

| | |
|-------------------|--|
| Name of Product: | Bridge Operation Simulator |
| Class Notation | INTEGRATED SIMULATOR SYSTEM, NAUT AW (SIM), HSC, AHTS |
| Type designation: | K-Sim Navigation |

Particulars of Manufacturer

| | |
|-----------------------|--|
| Manufacturer: | Kongsberg Digital AS |
| Manufacturer Address: | Maritime Simulation, Horten, Norway |

This is to confirm:


That the above product is found to comply with Class A- Standard for Certification of Maritime Simulators No. DNVGL-ST-0033 January 2011.

Application

The above Standard is based on requirements in the STCW Convention, Regulation I/12.


This Statement is valid until **2018-11-07**, provided the requirements for the retention of the Statement will be complied with.

Issued at **Sandefjord** on **2016-07-01**


for **Nils Gunnar Bø**
Head of DNV GL SeaSkill

for **DNV GL**




Capt. Aksel David Nordholm
Auditor

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

Application/Limitation

The competencies addressed by bridge operation simulator classes are given in Table B1.

| Table B1 Competencies addressed by bridge operation simulator class | | | | | |
|--|---|----------------------|----------------------|----------------------|----------------------|
| <i>STCW reference</i> | <i>Competence</i> | <i>Class A (NAV)</i> | <i>Class B (NAV)</i> | <i>Class C (NAV)</i> | <i>Class S (NAV)</i> |
| Table A-II/1.1 | Plan and conduct a passage and determine position | A | B | | (S) |
| Table A-II/1.2 | Maintain a safe navigational watch | A | B | | (S) |
| Table A-II/1.3 | Use of radar and ARPA to maintain safety of navigation | A | B | C | (S) |
| Table A-II/1.4 | Use of ECDIS to maintain the safety of navigation | A | B | C | (S) |
| Table A-II/1.5 | Respond to emergencies | A | B | C | (S) |
| Table A-II/1.6 | Respond to a distress signal at sea | A | B | C | (S) |
| Table A-II/1.8 | Transmit and receive information by visual signalling | A | B | C | (S) |
| Table A-II/1.9 | Manoeuvre the ship | A | B | C | (S) |
| Table A-II/2.1 | Plan a voyage and conduct navigation | A | B | | (S) |
| Table A-II/2.2 | Determine position and the accuracy of resultant position fix by any means | A | B | | (S) |
| Table A-II/2.3 | Determine and allow for compass errors | A | B | | (S) |
| Table A-II/2.4 | Co-ordinate search and rescue operations | A | B | | (S) |
| Table A-II/2.5 | Establish watchkeeping arrangements and procedures | A | B | | (S) |
| Table A-II/2.6 | Maintain safe navigation through the use of information from navigation equipment and systems to assist command decision-making | A | B | C | (S) |
| Table A-II/2.7 | Maintain the safety of navigation through the use of ECDIS and associated navigation systems to assist command decision making | A | B | C | (S) |
| Table A-II/2.10 | Manoeuvre and handle a ship in all conditions | A | | | (S) |
| Table A-II/2.11 | Operate remote controls of propulsion plant and engineering systems and services | A | | | (S) |
| Table A-II/3.1 | Plan and conduct a coastal passage and determine position | A | B | | (S) |
| Table A-II/3.2 | Maintain a safe navigational watch | A | B | | (S) |
| Table A-II/3.3 | Respond to emergencies | A | B | C | (S) |
| Table A-II/3.4 | Respond to a distress signal at sea | A | B | C | (S) |
| Table A-II/3.5 | Manoeuvre the ship and operate small ship power plants | A | | | |
| Table A-II/5.2 | Contribute to berthing, anchoring and other mooring operations | A | B | C | (S) |