

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)