

STATEMENT OF COMPLIANCE

Statement No:
n1711432-hfy
DNV Id No:
10564901

Particulars of Product

Function Area: **LIQUID CARGO HANDLING SIMULATOR**
Class notation: **TANKER FOR OIL COW, INERT**
Name and type designation: **K-Sim® Cargo VLCC Very Large Crude Carrier - DH**

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, B, C, D - Standard for Certification of Maritime Simulators No. DNVGL-ST-0033 June 2021.

Application

The above Standard is based on requirements in the STCW Convention, Regulation I/12 and corresponding industry standard and guidelines.

This Statement is valid until **2027-03-01**, provided the requirements for the retention of the Statement will be complied with.

Issued at **Horten, Norway** on **2022-03-01**



for **DNV**

*This document is signed electronically in accordance with IMO
FAL.5/Circ.39/Rev.2. Validation and authentication can be obtained from
trust.dnv.com by using the Unique Tracking Number (UTN):
n1711432-hfy and ID: 10564901*

Aksel David Nordholm
Approval Expert

This Statement is subject to terms and conditions overleaf. Any significant change in simulation performance may render this Statement invalid.
LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Application/Limitation

The simulator can simulate a realistic environment for selected STCW competence requirement referred to in Table 6-2. In addition, IMO model courses:

- Oil Tanker Cargo and Ballast Handling Simulator (Model course 2.06)

Table 6-2 Competencies addressed by liquid cargo handling simulator class

STCW reference	Competence	Class A (CGO)	Class B (CGO)	Class C (CGO)	Class D (CGO)
Table AII/ 1.10 Table AII/ 3.6	Monitor the loading, stowage, securing and unloading of cargoes and their care during the voyage.	A	B	C	D
Table AII/ 1.13 Table AII/ 3.8 Table AIII/ 1.11	Maintain seaworthiness of the ship.	A	B	C	D
Table A-II/2.12	Plan and ensure safe loading, stowage, securing, care during the voyage and unloading of cargoes.	A	B		
Table A-II/2.14	Carriage of dangerous goods.	A	B	C	D
Table AII/ 2.15 Table AIII/ 2.12	Control trim, stability and stress.	A	B		
Table AII/ 2.11 Table AIII/ 2.16	Monitor and control compliance with legislative requirements and measures to ensure safety of life at sea and protection of the marine environment.	A	B	C	D
Table A-II/2.18	Use of leadership and managerial skill.	A	B		
Table A-II/5.3	Contribute to the handling of cargo and stores.	A	B	C	D
Oil tanker					
Table A-V/1-1-2.1	Ability to safely perform and monitor all cargo operations.	A	B		
Table A-V/1-1-2.2	Familiarity with physical and chemical properties of oil cargoes.	A	B	C	D
Table A-V/1-1-2.3	Take precautions to prevent hazards.	A	B	C	D
Table A-V/1-1-2.4	Apply occupational health and safety precautions.	A	B	C	D
Table A-V/1-1-2.5	Respond to emergencies.	A	B	C	D
Table A-V/1-1-2.6	Take precautions to prevent pollution of the environment.	A	B	C	D
Table A-V/1-1-2.7	Monitor and control compliance with legislative requirements.	A	B	C	D

This Statement of Compliance is for the manufacturer offering the simulator for examination or mandatory simulator training and complies with the requirements of DNV-ST-0033 Maritime Simulator Systems.

Based on this statement of compliance, maritime training providers in possession of simulators that comply with the requirements of the standard can apply for a product certificate for "Maritime simulator". The simulator's function area and the simulator class according to the standard will be stated on the certificate.