



DNV Id No.: 10137219
Certificate number: 001/140228

DET NORSKE VERITAS

PRODUCT CERTIFICATE

This Certificate consists of 2 pages

This is to Certify that the product
Remotely Operated Vehicle Operation Simulator

and type designation
**Remotely Operated Vehicle Simulator
Multi Model**

Manufactured by
ARI Simulation
New Delhi India

In use for simulation at
NUSI Offshore Training Institute

is found to comply with
Class A- Standard for Certification of Maritime Simulators No. 2.14 January 2011

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

This Certificate is valid until **2019-02-28**, provided the requirements for the retention of the Certificate will be complied with.

Issued at **Mumbai** on **2014-02-28**

Kamal Kumar
Country Manager

for Det Norske Veritas AS



Vernon Segueira
Principal Surveyor

This Certificate is subject to terms and conditions overleaf. Any significant change in simulation performance may render this Certificate invalid. If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

Application/Limitation

The simulator is capable of simulating a realistic environment for selected IMCA C 005 Rev. 2 competence requirement referred to in the column for Class A in Table B1.

Table B1 Competencies addressed by Remotely operated vehicle operation simulator class					
IMCA C 005 Rev. 2 reference	Competence	Class A (ROV)	Class B (ROV)	Class C (ROV)	Class S (ROV)
R/R20/000/01 01, R/R01/000/01 01, R/R11/000/01 01, R/R02/000/01 01, R/R12/000/01 01, R/R03/000/01 01, R/R13/000/01 01, R/R04/000/01 01, R/R14/000/01	Safety	X	X		(S)
R/R20/000/02 02, R/R01/000/02 02, R/R11/000/02 02, R/R02/000/02 02, R/R12/000/02 02, R/R03/000/02 02, R/R13/000/02 02, R/R04/000/02 02, R/R14/000/02	Emergency response	X	X		(S)
R/R02/000/03 03, R/R12/000/03 03, R/R03/000/03 03, R/R13/000/03 03, R/R04/000/03 03, R/R14/000/03	Communication and personnel skills	X	X		(S)
R/R03/000/04 04, R/R04/000/04	Preventative maintenance	X	X		(S)
R/R02/000/05	ROV operations	X	X	X	(S)
R/R03/000/06 06, R/R04/000/04	Piloting an ROV (piloting/technical)	X	X	X	(S)
R/R04/000/05	ROV systems	X	X	X	(S)
R/R04/000/07	Safe operating techniques	X	X	X	(S)

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