

STATEMENT OF FEASIBILITY

Statement No:  
1GTKE9S-11

**This is to state:**

that the

**Multi-Sensor Offshore Safety (SOS) System**

has been evaluated in accordance with DNV RP-A203 Qualification Procedures for New Technology /1/ Sections 5.5 and requirements given in Section 6 as reported in DNV GL Report SOS-TA-D6.3 /3/. DNV GL considers the technology conceptually feasible as defined in /2/ and thereby suited for further development and qualification according to DNV-RP-A203.

Technology owner:	<b>LADAR Limited, George Hill, Anguilla</b>
Name of Technology:	<b>Multi-Sensor Offshore Safety (SOS) System</b>
Description:	<b>The Technology is comprised of a series of optical, thermal and infrared cameras, radars and laser scanners linked to a computer running a proprietary object detection and classification software.</b>
Application:	<b>The Technology detects objects going overboard from a vessel or offshore unit, classifies the objects as human or non-human, and alerts of detections classified as human, providing the time and position of the detection event. The intended purpose is to aid the rescue of people who have gone overboard.</b>
Involvement:	<b>DNV GL has been involved in the qualification process as required for Technology Qualification Management according to /1/.</b>
Limitations:	<b>See page 2.</b>
Reference documents:	<b>/1/ DNV-RP-A203, Qualification Procedures for New Technology, July 2013 /2/ DNV-DSS-401, Technology Qualification Management, December 2012 /3/ DNV GL, SOS-TA-D6.3 Technology Assessment, Issue 2.0, May 2016</b>

DNV GL shall not be responsible for not having identified failure modes or causes that has resulted in loss or damage or for not having prescribed the qualification activities necessary to avoid the loss or damage.

Issued at **Høvik** on **2016-05-31**

for **DNV GL**

  
**Øystein Goksøyr**  
**Head of Department, Safety Advisory**



  
**Steven Sawhill**  
**Project Manager**



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### **Limitations and Conditions**

This Statement of Feasibility is not a Product Certificate. DNV GL has not certified, approved or accepted the Technology.

This Statement of Feasibility by DNV GL is based on information made available to DNV GL up to the date of issuance of the Statement and the Technology Owner acknowledges and agrees that this Statement made by DNV GL is a statement at the time of issuance only.

DNV GL may at any time recall, suspend, withhold, withdraw and/or reissue this Statement with immediate effect if in DNV GL's opinion: (1) the Technology Owner fails to pay any undisputed due fees; or (ii) any relevant discrepancy, error or omission in the basis for the Statement is detected; or (iii) the Technology Owner misrepresents DNV GL's business name, trademark or Statement on which such name or trademark is used.

If the Statement is withdrawn, the Technology Owner shall return the original Statement to DNV GL within fourteen (14) days from the date of withdrawal.