CONFORMANCE TEST REPORT

issued under the provisions of MSC.1/Circ.1307 on Guidance on the survey and certification of compliance of ships with the requirement to transmit LRIT information

Sjøfartsdirektoratet
Norwegian Maritime Directorate

issued by **Pole Star Space Applications Limited**
on behalf of **THE GOVERNMENT OF THE KINGDOM OF NORWAY**

POLE STAR

Name of ship	Höegh Trove
Port of registry	Oslo
Distinctive number or letters	N/A
IMO Number	9186302
Maritime Mobile Service Identity	258774000
Gross tonnage	58684
Sea areas in which the ship is certified to operate	A1 + A2 + A3
Sea areas for which this report is valid	A1 + A2 + A3
Application Service Provider conducting the test	Pole Star Space Applications Limited Compass House, 4th Floor, 22 Redan Place, London W2 4SA, United Kingdom

THIS IS TO CERTIFY that the shipborne equipment designated to transmit LRIT information and specified below:

1. has been found to meet the requirement of the provision of regulations V/19-1.6 and V/19-1.7 and of the Revised performance standards and functional requirements for the long-range identification and tracking of ships adopted by resolution MSC.263(84) and:

   .1 is of a type approved by the Administration in accordance with the provisions of regulation V/19-1; ☐ Yes ☑ No

   .2 is of a type approved by the Administration in accordance with the provisions of regulation IV/14; ☑ Yes ☐ No

   .3 has been certified by the Administration as meeting the requirements of IEC 60945 (2002-08) and IEC 60945 Corr.1 (2008-04) on Maritime navigation and radiocommunication equipment and systems – General requirements – Methods of testing and required test results; ☑ Yes ☐ No

   .4 has been certified by the Administration as complying with the provisions of regulation XI-2/6; and of ~~resolution MSC.136(76) on Performance standards for a ship security alert system~~*/resolution MSC.147(77) on Adoption of the Revised performance standards for a ship security alert system*; ☐ Yes ☑ No

   (* Delete as appropriate.)

2. has undergone conformance testing in accordance with the procedures and provisions set out in MSC.1/Circ.1307, and has shown that it can operate within the tolerances of the acceptance criteria stated in the aforesaid circular.

The conformance test was satisfactorily completed on **10 September 2009**

Details of the shipborne equipment used to transmit LRIT information: *(e.g., make, model, serial number and shipborne equipment identifier)*			
JRC	JUE-85	GR12898	425877420

Issued in **London, United Kingdom** on **15 September 2009**

Authorised Signatory, Pole Star Space Applications Ltd

No: **9611**

ANNEX – CONFORMANCE TEST RESULTS AS PER TABLE 2 OF APPENDIX 1 MSC.1/CIRC.1307

CTN	Test requirement	Results
EL1	The equipment is activated into the ASP system	Pass
1	Establish the sea areas the ship is certified to operate from the Cargo Ship Safety Radio Certificate, Cargo Ship Safety Certificate, Passenger Ship Safety Certificate or equivalent	Pass
2	The equipment automatically transmits an LRIT information	Pass
3	The equipment identity is present in the received LRIT information	Pass
4a	The latitude and longitude is present in the received LRIT information	Pass
4b	The equipment GNSS position information is based upon the WGS84 datum	Pass
5a	The date and time is present in the received LRIT information	Pass
5b	The equipment date and time information is in UTC	Pass
5c	The equipment transmits a Time Stamp relative to when the position was generated (not the CSP receipt time)	Pass
6	The equipment is of a type approved by the Administration	Pass
7	The equipment is switched off on board or ceases the distribution of LRIT information	Pass
8	The equipment is compliant with provisions of resolution A.694(17). The equipment has been tested for electromagnetic compatibility (refer to resolution A.813(19))	Pass
9a	The equipment is re-configured to automatically transmit LRIT information at 15 minute intervals	Pass
9b	The equipment is re-configured to automatically transmit LRIT information at 60 minute intervals demonstrating that a change in transmitting interval has been successfully achieved	Pass
9c	The equipment automatically transmits a LRIT information at 6 hour intervals	Pass
9d	The equipment is re-configured to automatically transmit LRIT information at 24 hour intervals	Pass
9e	LRIT information is available within 15 minutes of the time it is transmitted by the ship	Pass
10	The equipment transmits LRIT information (subsequent to the ASP issuing a poll command) and the LRIT information is available within 30 minutes of the time the ASP has requested the information	Pass
11	The equipment interfaces directly to the shipborne global navigation satellite system equipment, or has internal positioning capability	Pass
12	The equipment is supplied with energy from the main and emergency source of electrical power (this provision does not apply to Inmarsat-C)	Pass
13	The equipment automatically transmits LRIT information via the CSP to the ASP in a reliable and secure manner	Pass
EL2	The equipment is de-activated and released from the LRIT system	Pass

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LRIT TERMINAL AND CONFORMANCE TEST REPORT: GUIDANCE TO MASTERS

Enclosed is a Conformance Test Report (CTR) for a specific terminal on board your vessel. The purpose of this LRIT terminal is to provide position reports to the Flag State of the vessel as required by the IMO Long Range Identification and Tracking (LRIT) regulations – SOLAS ChV/19-1 and associated performance standards.

Please check that the information on this CTR is correct. If any of this information is incorrect or is no longer valid, you need to have a new CTR issued. To inform us of the changes you require, please ask your shore office to send formal letter of change in pdf format. A template of the letter can be obtained by e-mailing us at **lritcert@polestarglobal.com**. When contacting us, please let us know what vessel or equipment details require alteration.

It is a requirement that your vessel keeps this certificate on board and available for inspection.

The LRIT regulation requires no action or intervention on behalf of the Master other than ensuring the equipment remains powered up and logged in at all times; or as otherwise guided by your company or Flag State.

www.LRIT.com