# LONG RANGE IDENTIFICATION AND TRACKING OF SHIPS (LRIT)

Conformance test report (id#48740)

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

Issued by: Thrane & Thrane

on behalf of the Government of: Norway

| | |
|---|---|
| Name of ship: | BIRKELAND |
| Port of registry: | Bergen |
| Distinctive number or letters: | LMWI |
| IMO Number: | 9281645 |
| Maritime Mobile Service Identity: | 258308000 |
| Gross tonnage: | 2014 |
| Sea areas in which the ship is certified to operate [1]: | A1+A2+A3 |
| Sea areas for which this report is valid [2]: | A1+A2+A3 |
| Application Service Provider conducting the test: | Thrane & Thrane |

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[3]:

| | | |
|---|---|---|
| .1 | is of a type approved by the Administration in accordance with the provisions of reguation V/19-1; | No |
| .2 | is of a type approved by the Administration in accordance with the provisions of regulation IV/14; | 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 |
| .4 | is the ship security alert system of the ship and has been found to comply with the provisions of regulation XI-2/6; ~~and of resolution MSC.136(76) on Performance standards for a ship security alert system~~[4]/resolution MSC.147(77) on Adoption of the Revised performance standards for a ship security alert system[5]; | Yes |

.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: December 30th 2009

| Details of the shipborne equipment used to transmit LRIT information | |
|---|---|
| IMN: | 425830815 (Shipborne equipment identifier) |
| Manufacturer: | Thrane & Thrane |
| Model name: | TT-3000SSA |
| ISN (Type ID & Forward ID): | 4TT091 715464 |
| Serial Number: | 6109497 |

Issued in Lyngby, Denmark on December 30th 2009

Henrik Dyrholm
Thrane & Thrane A/S

1 Insert sea areas specified in Radio related certificate (refer to paragraph 3.1.6 and to section 11 of this circular).
2 Refer to paragraphs 5.2 and 5.2.22 Insert the sea areas for which the conformance testing is valid. For example, if the sea areas indicated on the Radio related certificate are A1, A2, A3 and A4 and the conformance test has been conducted using a communication system which provides coverage only for sea areas A1, A2 and A3, insert A1, A2 and A3.
3 Indicate "Yes" against the option(s) which is/are applicable and "No" against the rest of the option(s).
4 Delete as appropriate.
5 Delete as appropriate.