

## **KLS-Z701 Exhibit 02a - Attestation Statement**

The evidence assembled in this submission, itemised in Exhibit 1, deals with a new Search And Rescue Locating Device equipment, of the EPIRB type, to be placed on the market in the US as two differently branded but technically identical products, designated as follows:

McMurdo Smartfind G8 AIS

Kannad Marine SafePRO AIS

For the purposes of this submission the device will be referred to as the Z701. Variant of this product is presented into Exhibit 02b document.

The AIS-EPIRB is a new equipment type that operates under FCC 47 CFR 80.

These products have been tested by TUV Product Services, an accredited independent test laboratory and have gained Cospas-Sarsat type approval under certification number:TAC 289

Orolia Limited wishes to apply for FCC Equipment Authorization for these products, and proposes the following new FCC identifier : KLS-Z701

Orolia Limited has also applied to the FCC for a waiver to allow certification and use of its G8 EPIRB with an Automatic Identification System Homing.

---

The Smartfind G8 has been tested in a combination of work carried out by two independent test laboratories:

TUV Product Services and

BSH, the German Federal Maritime and Hydrographic Agency,

The product has been tested against a range of international standards appropriate to the intended use of the product.

Attestation of compliance with the relevant requirements of:

RTCM 11000.4

is provided in the test report:

KLS-Z701 Exhibit 06l - Test Report RTCM 75931946 Report 02

KLS-Z701 Exhibit 06m - Test report RTCM 75931946 Report 10

Requirements specific to the proper operation and endurance of the equipment in distress circumstances, and its proper characteristics of resistance to the stresses imposed by the maritime environment, are detailed in IEC 61097-2 in association with IEC 60945 :2002 and provided in test report :

KLS-Z701 Exhibit 10a - Test Report IEC61097-2 75931946 Report 05

EMC testing to the applicable requirements of IEC 61097-2, appropriate to the intended maritime environment in which the equipment will operate, is documented in the test report:

KLS-Z701 Exhibit 06i - Test Report IEC61097-2 AnnexD 75931946 Report 07

KLS-Z701 Exhibit 06h - Test Report IEC60945 75931946 Report 06

Tests covering the characteristics of the GNSS receiver component of the equipment, to the requirements of clause 5 of IEC 61108-1, are documented in the test report:

KLS-Z701 Exhibit 06b - BSH\_4542\_001\_4143066\_17-GPS-TestReport

KLS-Z701 Exhibit 06f - Test Report IEC61108-1 75931946 Report 08

An RF Exposure Assessment, carried out to demonstrate compliance with various national restrictions on human exposure to electromagnetic fields, is documented in the test report:

KLS-Z701 Exhibit 11 - Test Report RF exposure 75931946 Report 09

An evaluation on dangerous goods transportation according to the UN recommendations as been done and is documented in the test reports:

KLS-Z701 Exhibit 06c -103143189LHD-001 battery pack

KLS-Z701 Exhibit 06d - 102921912LHD-001b battery pack

---

The Quality Management System applicable to all aspects of development and manufacture of these products is subject to external approval by an accredited body as shown by:

KLS-Z701 Exhibit 2c - QMS certification

---

We propose that the evidence presented in this submission demonstrates compliance of the McMurdo G8 AIS and its Kannad Marine and variants with all applicable FCC requirements, and that it should therefore be accepted as suitable for meeting mandatory carriage requirements for a Search And Rescue Locating Device.

A handwritten signature in black ink, appearing to read "Erwan Thomas".

Erwan THOMAS  
Certification and Hardware Engineer  
Tel : +33 (0)2 97 02 96 83  
Email : erwan.thomas@orolia.com