

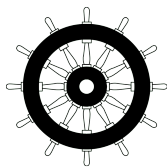
EU type-examination certificate
(Module B)
202120001/AA/03
Product Category: MED/5.20

Issued	15 January 2024	Date of expiration of validity	19 March 2025
Page	1 of 5 This certificate has THREE Annexes	Last date of placement	10 October 2026

In compliance with the procedure specified in the **Marine Equipment Scheme** RD_040, Kiwa Nederland B.V. declares as designated Notified Body 0063 for the Marine Equipment Directive, that the stated product complies with Directive 2014/90/EU and Implementing Regulation (EU) 2023/1667, based on the applicable international instruments and test standards as listed in Annex 2 of this certificate.

Product description:	MED Fire Fighter Radio (Analogue & Digital)
Trademark:	Entel
Type designation:	DT885FF
Hardware / Software:	v2.0 / v2.3.5
Variants:	See Annex 3
Manufacturer:	Entel UK Limited
Address:	320 Centennial Avenue, Centennial Park, Elstree
City:	WD6 3TJ Borehamwood
Country:	UNITED KINGDOM
Authorized Representative:	Entel UK Limited
Address:	320 Centennial Avenue, Centennial Park, Elstree
City:	WD6 3TJ Borehamwood
Country:	UNITED KINGDOM

CERTIFICATE



0063

Ron Scheepers
Managing director



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Chamber of commerce
08090048

General conditions

- This EC type-examination certificate is limited to the Marine Equipment Directive.
- Each product to which this certificate relates shall be provided with Marine markings. The Marine marking consists of symbol in the form of a wheel followed by the identification number of the responsible Notified Body for Module D, E, F or G, and by the last two digits of the number of the year in which the mark is affixed.
- The holder of this certificate has drawn up a Declaration of Conformity to type with Directive 2014/90/EU and Implementing Regulations, declaring that the product(s) described in this EC type-examination certificate, satisfy the requirements that apply to them.
- The validity of this EC type-examination certificate is limited to products, which are equal to the one(s) assessed for this EC type-examination.
- Each product shall be identified by means of type, batch and/or serial numbers and the name of the manufacturer and/or importer.
- If the equipment is to be modified, Kiwa shall be notified immediately. Depending on the modifications, Kiwa may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new amending directive or new Implementing Regulation may void the validity of this EC type-examination certificate regarding (re)placement of the product onboard ships.

Remarks and observations

The following conditions are applicable:

DT885FF and DT985FF have been certified for Article 17 of Directive 2014/34/EU by SGS Baseefa Limited, with notify body number 1180, who issued certificate number Baseefa18ATEX0152X-Issue 6 on 21st of July 2022.

DT885 and DT885M are the primary models submitted for tests, DT885FF & DT985FF are the MED approved Fire Fighter variants.

The difference between DT800 and DT900 models is the RF power level to suit the ATEX gas group.

Follow-up certification AA/03 to state compliance with the implementing regulation (EU) 2023/1667 to update the product description to MED Fire Fighter Radio (Analogue & Digital), the conducted power is upgraded from 1.3W to 1.7W, to list CLB850FF as the primary battery, added an extra description CLB850FF approved for use with DT885FF only, to list new reports EN 300 720, EN 300 843 and EN 60945, Updated H/W and S/W versions.

MED /5.20 Row 1 of 2.

Documentation lodged for this EC type-examination certificate

Test Reports:

- RN Electronics Ltd: 11-11723-1-19 Issue 01, 29 November 2019
- RN Electronics Ltd: 11-11723-2-19 Issue 01, 29 November 2019
- MS Testing: TL19115-ENV, 22 November 2019
- HCT CO., LTD.: HCT-SR-1902-CE003, 15 February 2019
- HCT CO., LTD.: HCT-SA-1902-CE004, 25 February 2019
- RN Electronics Ltd: 01-117223-3-20 Issue 01, 08 January 2020
- RN Electronics Ltd: 11-10852-18 Issue 01, 13 December 2018
- RN Electronics Ltd: 11-10852-18 Issue 01, 06 December 2018
- RN Electronics Ltd: 05-13524-1-22 Issue 3, 22 May 2022
- RN Electronics Ltd: 04-13524-2-22 Issue 02, 05 April 2022
- RN Electronics Ltd: 04-13524-3-22 Issue 02, 05 April 2022
- RN Electronics Ltd: 09-14256-1-23 issue 01, 04 September 2023
- RN Electronics Ltd: 08-14318-1-23 issue 01, 30 August 2023
- RN Electronics Ltd: 08-14318-2-23 issue 01, 22 August 2023

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Internal photos
- External photos
- Manual
- Risk assessment

International Instruments and test standards

The product is compliant with:

EN 300 113	December, 2016	V2.2.1
EN 300 720	January, 2017	V2.1.1
EN 301 843-1	November , 2017	V2.2.1
EN 301 843-2	November, 2017	V2.2.1
EN 60945	October, 2002	Edition 4
IEC 60945/Corrigendum 1	April, 2008	Edition 4
IMO Resolution A.694(17)	1991	
ITU-R M.1174-4	October, 2019	
ITU-R M.489-2	October, 1995	
MSC.1/Circ. 1616	June, 2019	
SOLAS 74 as amended, Regulation II-2/10.10.4	July, 2014	

Technical features and characteristics

The product includes the following features and characteristics:

UHF equipment

- Operating frequency range: 457.515625 ~ 467.584375MHz
- Maximum output power: 1.7W conducted (2W ERP)
- Primary battery: 3.4 Ah; Type designations CLB850FF "Note: CLB850FF approved for use with DT885FF only"; Secondary Battery: 1.8 Ah; Type designations CNB950EV2; Channel separation: 6.25kHz, 12.5kHz and 25 kHz

The product as described in this certificate includes the following type designations:

- Product description: MED Fire Fighter Radio (Analogue & Digital)
- Trademark: Entel
- Type designation: DT885FF
- Hardware version: v2.0
- Software version: v2.3.5

- Product description: MED Fire Fighter Radio (Analogue & Digital)
- Trademark: Entel
- Type designation: DT985FF
- Hardware version: v2.0
- Software version: v2.3.5