

EC type-examination certificate
(Module B)
252120003/AA/00

Item and designation: MED/5.20 Fire-fighter's two-way radiotelephone apparatus

Issued	17 March 2025	Date of expiration of validity	19 March 2030
Page	1 of 5 This certificate has THREE Annexes	Last date of placement	10 October 2026

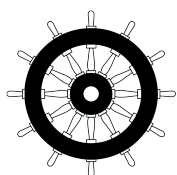
In compliance with the procedure specified in the **Marine Equipment Scheme** RD_040, Kiwa Nederland B.V. declares as designated Notified Body 0063 for the Marine Equipment Directive, that the stated product complies with Directive 2014/90/EU and Implementing Regulation (EU) 2024/1975, based on the applicable international instruments and test standards as listed in Annex 2 of this certificate.

Product description:
Trademark:
Type designation:
Hardware / Software:
Variants:

MED Fire Fighter Radio
Entel
DT844FF
v3 / v2
See Annex 3

Manufacturer:
Address:
City:
Country:

Entel UK Limited
320 Centennial Avenue, Centennial Park, Elstree
WD6 3TJ Borehamwood
UNITED KINGDOM



0063

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Chamber of commerce
08090048



CERTIFICATE

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 The Mark of Conformity. The Mark of Conformity 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 Mark of Conformity may only be affixed to the type approved product and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.
- 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:

DT825 and DT925 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 March 2022.

DT825 is the primary model submitted for tests, DT844FF & DT944FF 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.

MED/5.20 Row 2 of 2.

Documentation lodged for this EC type-examination certificate

Test Reports:

- RN Electronics Ltd: 11-11722-1-19 Issue 01, 27 November 2019
- RN Electronics Ltd: 11-11722-2-19 Issue 01, 27 November 2019
- MS Testing: TL19115-ENV, 22 November 2019
- HCT CO., LTD.: HCT-SR-1902-CE003, 15 February 2019
- RN Electronics Ltd: 02-11912-1-20 Issue 02, 16 March 2020
- RN Electronics Ltd: 11-14317-4-23 issue 01, 01 November 2023
- RN Electronics Ltd: 07-14317-2-23 issue 02, 25 July 2023
- RN Electronics Ltd: 07-14317-3-23 issue 02, 25 July 2023
- HCT CO., LTD.: HCT-SA-2406-CE002, 11 June 2024
- HCT CO., LTD.: HCT-SR-2406-CE004, 18 June 2024
- SGS Baseefa Ltd: GB/SGS/ExTR23.0107/00, 14 February 2024

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Internal photos
- External photos
- Manual
- Label and label placement
- Production quality
- Risk assessment

International Instruments and test standards

The product is compliant with:

EN 301 178	April, 2017	V2.2.2
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:

VHF equipment

- Operating frequency range: 156.0-163.0 MHz
- Maximum output power: 3.9W/1W conducted
- Primary battery: 3.4 Ah; Type designations CLB850FF "Note: CLB850FF approved for use with DT844FF only"; Secondary Battery: 1.8 Ah; Type designations CNB950EV2; Channel separation: 12.5 kHz and 25 kHz

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

- Product description: MED Fire Fighter Radio
- Trademark: Entel
- Type designation: DT844FF
- Hardware version: v3
- Software version: v2

- Product description: MED Fire Fighter Radio
- Trademark: Entel
- Type designation: DT944FF
- Hardware version: v3
- Software version: v2