

# CERTIFICATE

of  
EC Type-examination (Module B)

**Certificate No: 202120002/AA/00**

**Product Category: MED/5.20**

With respect to Marine Equipment Directive 2014/90/EU and the implementing Regulation (EU) 2019/1397, Telefication Notified Body 0560 declares that the equipment:

Product description: **MED Firefighter radio**

Trademark: **Entel**

Type designation: **DT844FF**

Serial No: **–**

Hardware / Software version: **V2 / 1.3.100**

Variants: **See Annex 3**

Manufacturer: **Entel UK Limited**

Address: **320, Centennial Avenue, Centennial Park, Elstree**

City: **WD6 3TJ BOREHAMWOOD**

Country: **United Kingdom of Great Britain and Northern Ireland**

Complies with the international instruments and test standards as listed in the Annex.

This certificate is granted to:

Name: **Entel UK Limited**

Address: **320, Centennial Avenue, Centennial Park, Elstree**

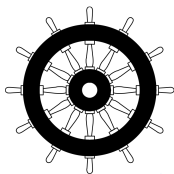
City: **WD6 3TJ BOREHAMWOOD**

Country: **United Kingdom of Great Britain and Northern Ireland**

Validity of this certificate expires on date: **19 March 2025**

This certificate has **THREE** Annexes.

Zevenaar, 19 March 2020



Willem Jan Jong  
Manager Product Certification



## General conditions

- Each product to which this certificate relates shall be provided with Marine markings. The Marine marking consist 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.
- 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, Telefication shall be notified immediately. Depending on the modifications, Telefication may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new Implementing Regulation may void the validity of this 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 2 on 15th of July 2019. 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.

## Documentation lodged for this EC type-examination

### 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

### Product Documentation:

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

## International Instruments and test standards

### The equipment complies 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.1174-3	February, 2015	
ITU-R M.489-2	October, 1995	

## 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: 4W/1W rated
- Primary battery: 1.8 Ah; Type designations CNB950EV2; Channel separation: 12.5 kHz and 25 kHz

### Trademarks and Type designations:

The product as described in this EC type-examination includes the following type designations:

- Product description:	MED Firefighter radio
- Trademark:	Entel
- Type designation:	DT844FF
- Hardware version:	V2
- Software version:	1.3.100
- Serial number:	--

- Product description:	MED Firefighter radio
- Trademark:	Entel
- Type designation:	DT944FF
- Hardware version:	V2
- Software version:	1.3.100
- Serial number:	--