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telefication



Certificate

of

EC type-examination

N°: 02212010/AA/00

With respect to Marine Equipment Directive 96/98/EC and the amending Directive 2001/53/EC,
Telefication declares that the equipment:

Product description: **A.1/5.14 A.1/5.15 GMDSS MF/HF SSB-Radio
telephone with integrated DSC and NBDP**
Trademark: **See Annex 3**
Family name: **-**
Type designation: **See Annex 3**
Serial N°: **See Annex 3**
Software release N°: **See Annex 3**

Manufacturer: **Furuno Electric Co., Ltd.**
Address: **9-52 Ashihara Cho**
City: **662-8580 Nishinomiya City**
Country: **Japan**

and with respect to the Production Quality System Approval
issued under number: P112

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

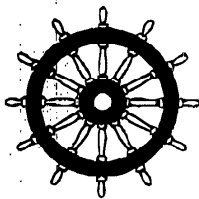
This certificate is granted to:

Name: **Furuno Electric Co., Ltd.**
Address: **9-52 Ashihara Cho**
City: **662-8580 Nishinomiya City**
Country: **Japan**

This certificate has THREE Annexes.

Arnhem, 2 July 2002

drs. ir. W.B.A. Blom
Director Telefication



Accredited by the
Dutch Accreditation Council

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*Annex 1 to EC type-examination
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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 Telefication (i.e. 0560), 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 96/98/EC, 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.

Remarks and observations

The following conditions are applicable:

- N/A

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Documentation lodged for the EC type-examination

Testreports:

- Telefication: 98752230, 17 Juni 2002
- Telefication: 98752231, 17 Juni 2002
- Telefication: 98752232, 17 Juni 2002
- Telefication: 98752233, 17 Juni 2002
- Telefication: 98752234, 17 Juni 2002
- Telefication: 98752235, 17 Juni 2002
- Labotech: FLI 12-02-019, 20 May 2002

Product documentation:

- Bill of materials
- Electric diagrams
- Installation manual
- Photos
- User manual

International instruments and test standards

The equipment complies with:

- ETS 300 067 November 1998 A1
- EN 300 338 April 1999 V1.2.1
- ETS 300 373 August 1997 A1
- EN 61162-1 July 2000
- EN 301 033 August 1998
- EN 60945 January 1997
- IMO Resolutions
- MSC36(63)
- A.694(17)
- A.806(19)
- ITU-R M.1173
- ITU-R M.476-5
- ITU-R M.491-1
- ITU-R M.492-6
- ITU-R M.493-9
- ITU-R M.541-8
- ITU-R M.625-3
- MSC/Cir. 862



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Technical features

The product includes the following features:

- FS-1570, RF output power: 150 W Pep
- FS-2570, RF output power: 250 W Pep
- Class of emission: J3E and J2B
- Receiving frequency range: 0.1 to 29.9999 MHz
- Sending frequency range: 1.6 to 27.5 MHz
- DSC Class A, NBDP-operation

System related equipment

The product to which this certificate relates includes to following units or equipment:

- FS-1570C: Control Unit
- FS-2570C: Control Unit
- FS-1570T: Transceiver Unit
- FS-2570T: Transceiver Unit
- HS-2001: Handset/Bracket
- AT-1560-15: Antenna coupler
- AT-1560-25: Antenna coupler
- IC-303-DSC: Incoming call indicator
- IC-302-DSC: Telex distress alert button
- IB-581: NBDP-controller, monochrome display
- IB-582: NBDP-controller, colour display
- PP-510: Printer
- IF-8500: Printer switch box
- DMC-5: Distress message controller
- FAX-5: 2.6m Active whip antenna for WKR
- HCS701K-B20: Handset/Bracket
- SEM-21Q: External loudspeaker
- PR-300: AC-power supply
- PR-850A: AC-power supply



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Trademarks and type designations

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

Type designation: FS-1570
Trademark: Furuno
Serial N°: 3536-0002
Software release N°: Transceiver: 0550205101; Control unit: 0550206101;
NBDP-controller: 0550207101

Type designation: FS-2570
Trademark: Furuno
Serial N°: 3536-0002
Software release N°: Transceiver: 0550205101; Control unit: 0550206101;
NBDP-controller: 0550207101