

DSC WATCH - Coast stations participating in MF, HF and VHF watch-keeping using digital selective calling techniques

- DC1** Group call: 002470000.
- DC2** Operated by: TIM S.p.A.
- DC3** Also keeps permanent watch for distress and safety traffic by radiotelephony on 2182 kHz and 156.80 MHz.
- DC4** Remotely controlled from PALERMO RADIO.
- DC5** Remotely controlled from ROMA RADIO.
- DC6** Geographical coordinates refer to station RTF of GUARDIA-VECCHIA (Island of La Maddalena – Sardegna), remotely controlled from the MRCC in Rome.
- DC7** Operated by: Italian Coast Guard.
- DC8** The frequencies will be activated only in case of search and rescue operations.
- DC9** In Italy, dial the toll free number 1530 (blue number).
- DC10** This station is not allowed to provide the acknowledgement (ACK).

MED- ADVICE - Stations transmitting medical advice

- MD1** Radiomedical assistance provided by the International Radio Medical Centre (CIRM), Rome.
Tf: +39 06 54223045
Tlx: 612068 CIRM I
Fax: +39 06 5923333

Maritime service:

There is, in Italy, a round-the-clock medical assistance and advice service by radio for sailors of any nationality anywhere on the high seas.

This service is free and no charge is made for either inquiries or advice. Radiotelephone calls are also free.

The medical service is provided by distinguished medical men (directors of nursing homes, senior hospital medical officers, specialists) and is organized by the CIRM (International Radio Medical Centre).

Radiotelegrams exchanged in connection with this service enjoy the same degree of priority as = SVH = messages. They should carry = MEDRAD = at the beginning of the preamble, and be addressed to: CIRM, ROME. They may be drawn up in Italian, English, or French.

Ships carrying the handbook “L'Assistance Radio-Médicale” may also use the code given therein.

In case of emergency, the urgency signal (XXX) may be used to ensure priority over all other communications, except \overline{SOS} (distress) calls.

The CIRM has arrangements with the authorities concerned and can transport the sick or injured by air and sea between ships in the Mediterranean and adjacent hospitals.

The medical service is provided by the CIRM station, call sign IRM, which works at the following times:

Radio service of the CIRM station:

1. The CIRM radiotelegraph station keeps a continuous watch in the calling bands of the maritime mobile service, indicated on the frequencies of the automatic tape.
On request the station keeps watch on any frequency, even if this listening is requested by other Italian coast stations.
2. According to seasons and times, the frequencies used by IRM during 24 hours are chosen from the following:

Frequency kHz	Call sign	Service
4342	IRM	On request and to answer ships using hectometric waves.
6365	IRM	By night, in winter.
8685	IRM	Replaces frequency 12760 kHz when used for other services and on request.
12748	IRM	Continuous.
17105	IRM	Continuous during Summer; by day during Winter.
22525	IRM	Available when necessary.

IRM transmits its traffic lists at the following hours: 0200, 0800, 1400 and 2000 h UTC.

Notice: Radio officers are asked to perform the “QSO” directly with IRM, or possibly through IAR which replies on 22630.5, 17206.1, 17005, 13015.5, 12996, 8670, 8656, 4320 and 516 kHz (from 1.X to 31.V also on 6409.5 kHz).

Ships unable to make contact to obtain medical advice should listen for the following transmissions:

Station	Times (UTC)	Frequencies kHz	Transmissions
IRM	0200	17105/12748/8685/4342	Traffic lists and “MEDRAD” on hand
	0800	22525/17105/12748/8685/4342	
	1400	22525/17105/12748/8685/4342	
	2000	17105/12748/8685/4342	

Moreover, ships far off may address radiotelegrams to the following stations if they need CIRM radiomedical assistance:

For French ships only	For all ships		
	(A) North Atlantic	(B) South Atlantic	(C) Indian Ocean and Pacific
Via FFL = S. Lys Radio When French ships cannot get into direct touch with Rome, they may send their requests for CIRM medical assistance to S. Lys Radio	U.S. COAST GUARD NMF = Boston, Massachusetts Radio NMN = Portsmouth, Virginia Radio NMA = Miami, Florida Radio NMG = New Orleans, Louisiana Radio (H24) NMR = S. Juan, Puerto Rico Radio	Buenos Aires LPD/LPL = General Pacheco Radio Via TELECOM (H24)	U.S. COAST GUARD NMC = S. Francisco, California Radio NMO = Honolulu, Hawaii Radio NOJ = Kodiak, Alaska Radio NRV = Guam Radio
Address: RADIO-MEDICAL CIRM-ROMA	Address: DH MEDICO CIRM-ROMA	Address: MEDICO-CIRM ROMA-Via TELECOM	Address: MEDICO-CIRM ROMA

Ships with a sick person on board should rigorously observe the arrangements made with the corresponding station, either directly, or through another ship.

Aeronautical service:

The CIRM provides a permanent experimental service available to civil commercial aircraft.

To obtain medical assistance, the captain should:

- transmit his message to the Rome Flight Information Centre, which will forward it to the CIRM;
- prefix "AEROMEDRAD" to his message, which may be drafted in Italian, English or French.

METEO - Stations transmitting regular meteorological bulletins

BM1 General notes:

a) *Aeronautical Service:*

- VOLMET transmissions for aircraft (FIR Brindisi, Milano, Roma),
- Weather transmissions for aircraft (Roma/IMB),
- Transmissions for synoptic meteorology (Roma/IMB).

- b) *Maritime Service*:
- Special weather bulletins for shipping entitled METEOMAR. The METEOMAR bulletins relate to observations of the main standard synoptic times 0000, 0600, 1200 and 1800 h and are provided by the Aviation Weather Service.
1. Contents
- The “METEOMAR – Bollettino del Mare” (sea Bulletin) in its final version is composed by following informative parts:
- Part 1 – Warnings.
 - Part 2 – Situation.
 - Part 3 – Forecasts of 18 (12) hours (18 hours for emissions of 0000 h and of 1200 h, 12 hours for secondary emissions of 0600 h and 1800 h) and trend for the next 12 hours.
 - Part 4 – Wind's trend at intervals of 12 hours for the following 48 hours.
 - Part 5 – Coastal observations.
2. Subdivision of the seas
- Part 1 and Part 3 are provided for the whole Mediterranean Sea for a total of 20 seas (Figure 1). Part 4 is developed only for seas which surround Italy (15 seas).
3. Warnings (Part 1)
- The “Warnings” are relating to storms and thunderstorms in course and storms and thunderstorms foreseen (always in the first 18 (12) hours). They give also the origin and the force of the foreseen storms.
4. Situation (Part 2)
- The meteorological situation that's going on in the whole Mediterranean Sea is described with one or more compositions of the following five elements:
- a) synoptic element (e.g. baric minimum);
 - b) value (e.g. 998 hPa);
 - c) position (e.g. Southern Adriatic);
 - d) activity (e.g. filling up);
 - e) moving (e.g. it moves to SE).
5. Forecasts of 18 (12) hours and trend for the next 12 hours (Part 3)
- The trend contents for the first 18 (12) hours are:
- a) sea(s);
 - b) wind's forecast:
 - b.1 direction,
 - b.2 force,
 - b.3 change in the interval of forecast;
 - c) prevalent meteo phenomenon;
 - d) its change in the interval of forecast;
 - e) visibility;
 - f) state of the sea;

g) its change in the interval of forecast.

The trend's contents in the next 12 hours are:

h) wind:

h.1 direction,

h.2 force;

i) prevalent meteo phenomenon.

6. Wind's trend at intervals of 12 hours for the following 12 hours (Part 4)

For the 15 seas surrounding Italy is given the wind forecast (direction and force) at 4 intervals of 12 hours following those covered by Part 3 of the Bulletin.

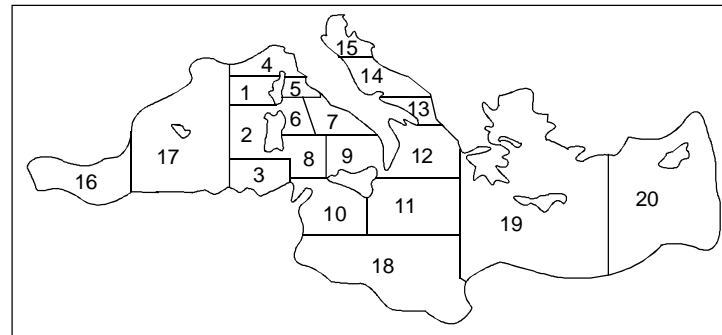
7. Coastal observations (Part 5)

Observation messages (0000, 0600, 1200, 1800 h) from coast stations in FM 12-VII code (abbreviated form).

Transmissions, in English and Italian, of gale/storm warnings for the Italian coastal waters (areas comprised between 6° E and 20° E north of 35° N).

These warnings are transmitted immediately after receipt, taking into account the silence periods and the procedures specified.

c) For details, see Publication WMO No. 9. TP. 4, Vol. C and D; ICAO – Air Navigation Plan; AIP.



10-d03

Figure 1

Subdivision of the Mediterranean Sea:

- 1 Corsica Sea
- 2 Sardinia Sea
- 3 Channel of Sardinia
- 4 Ligurian Sea
- 5 Northern Tyrrhenian Sea
- 6 Central Tyrrhenian Sea, Sector W
- 7 Central Tyrrhenian Sea, Sector E
- 8 Southern Tyrrhenian Sea, Sector W

- 9 Southern Tyrrhenian Sea, Sector E
- 10 Channel of Sicily
- 11 Southern Ionian Sea
- 12 Northern Ionian Sea
- 13 Southern Adriatic Sea
- 14 Central Adriatic Sea
- 15 Northern Adriatic Sea
- 16 Western Mediterranean, Sector Alboran
- 17 Western Mediterranean, Sector Balearian
- 18 Libyan Sea
- 19 Western Mediterranean, Sector Aegean Sea and South of Crete
- 20 Eastern Mediterranean, Sector Levant Sea

- BM2** The station transmits simultaneously on the frequencies carrying this note.
- BM3** H24 iso-frequency broadcasting of METEOMAR.
- BM4** Equipment remotely controlled from Roma Radio.
- BM5** Equipment remotely controlled from Palermo Radio.
- BM6** METEOMAR for the areas: northern and central Adriatic Sea.
- BM7** METEOMAR for the areas: Channel of Sicily, southern Ionian Sea.
- BM8** METEOMAR for the areas: northern Ionian Sea, southern and central Adriatic Sea.
- BM9** METEOMAR for the areas: central and southern Tyrrhenian Sea, Sea and Channel of Sardinia.
- BM10** METEOMAR for the areas: northern and central Tyrrhenian Sea.
- BM11** METEOMAR for the areas: northern and southern Ionian Sea.
- BM12** METEOMAR for the areas: Corsica Sea, Ligurian Sea, northern Tyrrhenian Sea.
- BM13** METEOMAR for the areas: Ligurian Sea, northern and central Tyrrhenian Sea.
- BM14** METEOMAR for the areas: Channel of Sicily, southern Tyrrhenian Sea.
- BM15** METEOMAR for the areas: southern Tyrrhenian Sea, northern and southern Ionian Sea.
- BM16** METEOMAR for the areas: central and southern Tyrrhenian Sea.
- BM17** METEOMAR for the areas: southern Tyrrhenian Sea, Channel of Sicily.
- BM18** METEOMAR for the areas: central and southern Adriatic Sea.
- BM19** METEOMAR for the areas: Corsican Sea, Sardinian Sea, central Tyrrhenian Sea.
- BM20** METEOMAR for the area: central Adriatic Sea.

NOTICE NAV - Stations transmitting notices to navigators

- NA1** Equipment remotely controlled from Roma Radio.
- NA2** Equipment remotely controlled from Palermo Radio.
- NA3** Working frequency for the transmission of notices to navigators. Notices are transmitted in Italian plain language and when mentioned, also in English.
- NA4** Notices to navigators are transmitted by series in inverse numerical order, beginning with those not yet transmitted or by the most recent.
- NA5** Frequency for the general call “to all”, preceded by the signal “SÉCURITÉ” and followed by the indication of the working frequency used for the transmission of notices to navigators.
- NA6** In case of urgent notice or storm warning, the notice is transmitted immediately by the station receiving it (general call “to all” on frequencies 2182 kHz and 156.80 MHz and transmission of the notice on the working frequency).

CP - Coast stations providing a public correspondence service

General Information.

No station on board a ship in an Italian port may be used for other than distress traffic. Ship stations may, however, exchange public correspondence traffic on VHF.

Notes.

- CP1** Operated by: TIM S.p.A.
- CP2** **SUP**
- CP3** **SUP**
- CP4** **SUP**
- CP5** Keeps a loudspeaker watch when the station is engaged in communications on the working frequencies.
- CP6** **SUP**
- CP7** **SUP**
- CP8** **SUP**
- CP9** Accepts “free pratique by radio” = LPR = for radiotelegrams containing public health information exchanged between ships and the Marine Health Offices in Italian ports. The charges for both the LPR request and the LPR reply from the Maritime Health Offices are the same as for ordinary radiotelegrams and chargeable to the ship station.

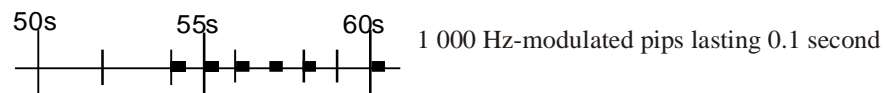
PORT INFO - Port stations

- FP1** H24 iso-frequency broadcasting of METEOMAR.

UTC - Stations transmitting radio time signals

HR1 Special time signals from the “Istituto Elettrotecnico Nazionale” (I.E.N.) are transmitted, several times daily, from 05 h 00m UTC, by the broadcasting and television stations of the RAI (Radiotelevisione Italiana).

The transmissions take place as follows:



07-d11

These signals are preceded, starting at second 52, by a coded signal consisting of 32 bits in frequency shift keying ($f_0 = 2000$ Hz; $f_1 = 2500$ Hz). This signal indicates the month, the day of the month and of the week, the hour and the minute and specifies whether legal or solar time is intended.

Origin of signal: cesium beam frequency standard.

Signal error: normally less than 100 microseconds in relation to the UTC system.

UTC schedule of RAI (Radiotelevisione Italiana) stations, “Radio 1”, “Radio 2”, “Radio 3” and “Notturmo Italiano” provided this is compatible with the requirements of other transmissions:

“Radio 1” stations

04 h	59m	52s	– 05 h	00m	00s
05	59	52	– 06	00	00 *
06	59	52	– 07	00	00
07	59	52	– 08	00	00
08	59	52	– 09	00	00
09	59	52	– 10	00	00 *
10	29	52	– 10	30	00
10	59	52	– 11	00	00 *
11	29	52	– 11	30	00
11	59	52	– 12	00	00
12	29	52	– 12	30	00
12	59	52	– 13	00	00 *
13	59	52	– 14	00	00 *
14	29	52	– 14	30	00
14	59	52	– 15	00	00
15	29	52	– 15	30	00
15	59	52	– 16	00	00 *
16	29	52	– 16	30	00
16	59	52	– 17	00	00
17	29	52	– 17	30	00
17	59	52	– 18	00	00

18	29	52	– 18	30	00
18	59	52	– 19	00	00
19	59	52	– 20	00	00
20	59	52	– 21	00	00
21	59	52	– 22	00	00
22	59	52	– 23	00	00
23	59	52	– 00	00	00

“Radio 2” stations

05 h 59m 52s – 06 h 00m 00s

06	29	52	– 06	30	00
07	29	52	– 07	30	00
08	29	52	– 08	30	00
10	29	52	– 10	30	00
12	29	52	– 12	30	00
13	29	52	– 13	30	00
15	29	52	– 15	30	00
16	29	52	– 16	30	00
17	29	52	– 17	30	00
18	29	52	– 18	30	00
19	29	52	– 19	30	00
22	29	52	– 22	30	00
23	59	52	– 00	00	00
00	59	52	– 01	00	00

“Radio 3” stations

05	59	52	– 06	00	00
07	29	52	– 08	30	00
08	44	52	– 08	45	00
13	44	52	– 13	45	00
18	44	52	– 18	45	00

“Notturmo Italiano” stations

23	59	52	– 24	00	00
00	59	52	– 01	00	00
01	59	52	– 02	00	00
02	59	52	– 03	00	00
03	59	52	– 04	00	00
04	59	52	– 05	00	00

* Except on holidays.

UTC schedule of the beginning of the “Weather bulletin for Italian waters”, transmitted by RAI stations “First Programme”:

06 h	43m
15	37
22	44

CES-CP - Systems in the maritime mobile-satellite service that provide a public correspondence service

CS1 Coast earth station operated by the Italian Telecommunication Administration as part of the Inmarsat system providing Inmarsat-C services covering the Atlantic Ocean-East Region.

CS2 For radiotelephone calls, dial 05. After having received a dialing tone of 1.5 seconds, dial:

- 00 (for automatic operation),
- country code,
- area code,
- subscriber's telephone number,
- end of signal (signal []).

For radiotelex calls, dial 05. After having received the date and time group and “ga” signal, dial:

- 00 (for automatic operation),
- country code,
- subscriber's telex number,
- end of signal (signal +).

For manual radiotelephone and radiotelex operation, dial 11 or 12.

AAIC - Charges and accounting authorities

A Accounting authority: Ministère des Postes et des Télécommunications, Inspectorat général des Télécommunications, Direction Centrale des Services Radioélectriques – Div.I – Sect.III, 00100 Rome (Italy).

B Radiotelegrams

1. Land station charge: 1.– fr. per word.
2. Landline charge
 - a) Italy: 9.26 fr. for the first 10 words or part thereof; each additional word: 0.278 fr.
 - b) Albania, Bulgaria, Egypt, Hungary, Libyan Arab Jamahiriya, Malta, Morocco, Poland, Czech Rep., Romania, Slovakia, Turkey and Former USSR: 1.58 fr. per word.

- c) Gibraltar: 1.61 fr. per word.
- d) Somalia: 1.75 fr. per word.
- e) Saudi Arabia, Bahrain, Canada, United Arab Emirates, United States, Iran (Islamic Republic of), Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Syrian Arab Republic and Yemen: 2.02 fr. per word.
- f) Azores, Algeria, Germany, Andorra, Austria, Belgium, Canary, Cyprus, Denmark, Spain, Faroe, Finland, France, Greece, Greenland, Ireland, Liechtenstein, Luxembourg, Madeira, Monaco, Montenegro, Norway, Netherlands, Portugal, United Kingdom, Serbia, Sweden, Switzerland and Tunisia
 - i) Per radiotelegram: 21.43 fr.
 - ii) Per word: 0.79 fr.
- g) Iceland
 - i) Per radiotelegram: 21.43 fr.
 - ii) Per word: 0.82 fr.
- h) Alaska, Guam, Hawaii, Midway, Puerto Rico, American Samoa, United States Virgin Islands and Wake: 3.72 fr. per word.
 - i) Other non European countries: 2.30 fr. per word.

C Radiomaritime letters = SLT = (including onward postal charges): 0.20 fr. per word. Minimum 22 words.

H Radiotelephone calls (minimum 3 min.)

1. Land station charge
 - MF: 3.50 fr./min.
 - HF: 7.50 fr./min.
 - VHF: 2.50 fr./min.
2. Landline charge
 - Italy: 0.80 fr./min.
3. Surcharges
 - a) Personal calls
 - i) Land station charge: surcharge equivalent to 2 minutes.
 - ii) Landline charge: surcharge equivalent to 2 minutes.
 - b) Collect calls
 - i) Land station charge: surcharge equivalent to 2 minutes.
 - ii) Landline charge
 - Italy: surcharge equivalent to 2 minutes.
