



Téléphone : 34 64 00
Télégrammes : METEOMOND GENÈVE

SECRÉTARIAT
GENÈVE - Suisse

Telex : 23 260
Case postale N° 5
CH - 1211 Genève 20

In reply refer to / Dans la réponse, mentionner

N°

W/OIS

Geneva, 15 May 1983

Annexes: 4

Subject: Monthly letter on the operation of the World Weather Watch (WWW) and Marine Meteorological Services (MMS) (May 1983)

Action required: To be noted and brought to the attention of appropriate operational units

Dear Sir/Mzuzam,

As you are aware, all the information on changes to the operation of the World Weather Watch (WWW) and Marine Meteorological Services (MMS) is being assembled and distributed by the Secretariat on a monthly basis to facilitate updating and follow-up action.

In this connection, please find attached the annexes providing the latest operational information on WWW and MMS. Those items and sub-items for which information is provided are listed below:

Annex 1 - Global Observing System

B. Changes in global or regional components of WWW plan

1. Basic synoptic networks

1.3 Changes to existing stations

C. Information on operational status of elements of the surface-based sub-system

1. Publication No. 9, Volume A - Stations

1.1 New stations

1.2 Deleted stations

1.3 Changes to existing stations

3. Automatic marine stations

4. ARGOS monthly status report

To: Permanent Representatives (or Directors of Meteorological or Hydro-meteorological Services) of Members of WMO (PR-3566)
Directors of Meteorological Services of non-Member countries (MC-2259)
Presidents and Vice-Presidents of Regional Associations (P.RA-1036)
Presidents and Vice-Presidents of Technical Commissions (P.TC-1106)
Chairmen of CBS Working Groups
Secretary-General of ICAO
Secretary of IOC
Director-General of ASECNA
Director of ECMWF

Annex III - Global Telecommunication System

C. Information on the operation of the GTS

1. Catalogue of Meteorological Bulletins (Publication No. 9, Volume C, Chapter I)
 - 1.1 New bulletins
 - 1.3 Changes to bulletins

Annex IV - Codes

B. Manual on Codes

2. Regional practices

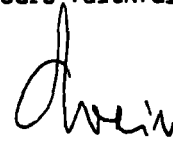
Annex V - Marine Meteorological Services (MMS) and related oceanographic activities

B. Guidance material

2. Reports on MMS

Your co-operation in ensuring that the above information reaches the appropriate operational units of your service is greatly appreciated. If you wish to receive additional copies of the monthly circular letter, please inform me accordingly.

Yours faithfully,



for the Secretary-General
(G.K. Weiss)
Director

World Weather Watch Department

Annex I - Global Observing System

Date: 15 May 1983

B. Changes in global or regional components of WWW plan

1. Basic synoptic networks

1.3 Changes to existing stations

Region II

Transfer the radiowind observing programme so far required to be carried out at station 43181 VIJAYAWADA/GANNAVARAM (16°32'N, 80°48'E) to station 43185 MACHILIPATNAM (16°12'N, 81°09'E)

C. Information on operational status of elements of the surface-based sub-system

1. Publication No. 9, Volume A - Stations

1.1 New stations

| | | | | | | | | |
|-------|-------------------|-------|-------|-----|-----|------------------|--------|-----------------|
| 65505 | DEDOUGOU | 1228N | 0329W | 300 | 300 | . . X X X X X . | H06-18 | / |
| 65518 | PO | 1109N | 0109W | 322 | 320 | . . X X X X X . | H06-18 | / |
| 01378 | LILLEHAMMER | 6106N | 1029E | - | 241 | X X X X X X X X | | / |
| 01131 | GLAPEN FYR | 6753N | 1303E | 34 | 31 | X . X . X . 19 . | | / |
| 03025 | BUTT OF LEWIS | 5831N | 0616W | - | 23 | X X X X X X X X | | / |
| 03047 | TULLOCH BRIDGE | 5652N | 0442W | - | 238 | X X X X X X X X | | (AUT) / |
| 03132 | WEST FREUGH | 5451N | 0457W | - | 12 | X X X X X X X X | H00-24 | (AUT) / |
| 03153 | DUNDRENNAN | 5448N | 0400W | - | 113 | X X X X X X X X | H00-24 | (AUT) / |
| 03214 | WALNEY ISLAND | 5407N | 0315W | - | 15 | X X X X X X X X | H00-24 | (AUT) / |
| 03226 | WARCOP | 5434N | 0225W | - | 244 | X X X X X X X X | H00-24 | (AUT) / |
| 03230 | REDESDALE | 5517N | 0217W | - | 207 | X X X X X X X X | | (AUT) / |
| 03505 | ST. HARMON | 5220N | 0329W | - | 279 | . . . X X X X . | | / |
| 03503 | TRAWSCOED | 5221N | 0357W | - | 61 | X X X X X X X X | | (AUT) / |
| 03544 | CHURCH LAWFORD | 5222N | 0120W | - | 107 | X X X X X X X X | H00-24 | (AUT) / |
| 03647 | LITTLE RISSINGTON | 5152N | 0141W | - | 216 | X X X X X X X X | | (AUT) / |
| 03841 | DUNKESWELL | 5052N | 0313W | - | 251 | . . . X X X . . | H09-17 | / |

1.2 Deleted stations

01067 LEVAJOK-EVJEN / 01265 TYNSET-STOEN / 03150 CRAWFORDJOHN /
 03626 BERRY HILL / 03638 KEMBLE / 03833 CHAWLEIGH / 03834 PRAWLE POINT /
 03869 CALSHOT / 06300 NOORD HINDER /

1.3 Changes to existing stations

61052 NIAMEY-AERO RW P RW P /
 91945 HEREHERETUE /

3. Automatic marine stationsNORWAY

List of drifting and moored buoys and other stations, deployed or planned to be deployed by Norway, whose reports are to be transmitted on the GTS in the DRIBU code (as per end April 1983).

| <u>WMO buoy Identifier</u> | <u>Argos Identifier</u> | <u>Position end of April</u> | <u>Type of buoy</u> | <u>Parameters transmitted</u> | <u>Operated by</u> |
|----------------------------|-------------------------|------------------------------|---|--|--------------------|
| 63001 | 09400 | 80°41'N 20°52'E | landbased | PPP,TTT,ff | DNMI/NP |
| 63005 | 09401 | 78°51'N 29°18'E | landbased | PPP,TTT,dd,ff | DNMI/NP |
| 63507 | 03716 | 69°28'N 06°24'E | drifting | PPP,T _w T _w T _w | DNMI |
| 63510 | 03702 | 66°00'N 02°00'E | drifting, replacement OWS M (possibly lost) | PPP,T _w T _w T _w | DNMI |
| 63512 | 03067 | 66°18'N 09°31'E | moored | PPP,T _w T _w T _w ,TTT,ff,dd | IKU |
| 63513 | 03071 | 65°03'N 07°33'E | moored | PPP,T _w T _w T _w ,TTT,ff,dd | IKU |
| 63519 | 03723 | 72°07'N 04°59'E | drifting | PPP,T _w T _w T _w | DNMI |
| 63522 | 03725 | 73°00'N 38°05'E | drifting | PPP,T _w T _w T _w ,TTT | DNMI |
| 63523 | 03724 | 72°38'N 27°02'E | moored | PPP,T _w T _w T _w ,TTT | DNMI |
| 63524 | 03696 | 73°45'N 13°02'E | drifting | PPP,T _w T _w T _w ,pp | DNMI |
| 64501 | 03698 | 71°39'N 02°44'W | drifting | PPP,T _w T _w T _w ,pp | DNMI |
| 64506 | 03710 | 63°21'N 28°43'W | drifting | PPP,T _w T _w T _w | DNMI |
| 64509 | 03714 | 68°20'N 00°37'W | drifting | PPP,T _w T _w T _w | IKU |
| 64514 | 04050 | 61°30'N 13°30'W | moored | PPP,T _w T _w T _w ,TTT,ff,dd,pp | CMi / C-43 |
| 64516 | 03699 | 67°40'N 03°11'W | drifting | PPP,T _w T _w T _w ,pp | DNMI |
| 63525 | 03727 | 69°15'N 00°45'E | drifting | PPP,T _w T _w T _w ,TTT | DNMI |
| 64502 | 03697 | 68°13'N 08°37'W | drifting | PPP,T _w T _w T _w ,pp | DNMI |

Deployment planned:

| <u>WMO buoy Identifier</u> | <u>Argos Identifier</u> | <u>Position May/June</u> | <u>Type of buoy</u> | <u>Parameters transmitted</u> |
|----------------------------|-------------------------|--------------------------|---------------------|--|
| 63526 | 03726 | approx. 73°N 34°E | moored | PPP,T _w T _w T _w ,TTT |
| 63- | 03718 | } Norwegian Sea, | drifting | PPP,T _w T _w T _w |
| 64509 | 03720 | | drifting | PPP,T _w T _w T _w |
| 63- | 03691 | } Barentz Sea | drifting | PPP,T _w T _w T _w ,TTT,pp |
| 63- | 03693 | | drifting | PPP,T _w T _w T _w ,TTT,pp |
| 63- | 03690 | approx. 77°N 02°E | drifting | PPP,T _w T _w T _w ,TTT,pp |
| 64- | 03692 | Norwegian Sea | drifting | PPP,T _w T _w T _w ,TTT,pp |

Legend

CMi = Chr. Michelsens Institute, Fantoftveien 38, 5014 Fantoft, Norway
 DNMI = Norwegian Meteorological Institute, P.O. Box 320 Blindern, Oslo 3, Norway
 IKU = Continental Shelf Institute, P.O. Box 1883, 7001 Trondheim, Norway
 NP = Norwegian Polar Research Institute, P.O. Box 158, 1330 Oslo Lufthavn, Norway

OMAN

The following anchored buoys are in full operation in Oman since 10 May 1983:

Buoy no. 1 - Mina Qaboos (23°41'N 58°33'E) depth 222 feet

Buoy no. 2 - (22°36'N 59°34'E) depth 108 feet

The parameters measured are: air temperature, water temperature, relative humidity, wind direction and speed with maximum gust, mean wave height and period, significant wave height and period, maximum wave height. The parameters are measured every three hours, telemetered to base station by telex and recorded on cassette tape (ASCII code). The sensor mast is 5 m high, the water sensor 0.5 m.

An additional three anchored buoys are planned for 1984.

4. ARGOS monthly status report

As of 25 April 1983 the ARGOS service was handling reports from 229 drifting buoys, 28 moored buoys, 0 balloons, 4 ships, 70 fixed stations and 42 miscellaneous platforms. On the same date, during a period of 24 hours, 518 DRIBU reports from 47 drifting buoys were transmitted to RTH Paris for insertion into the GTS. NOAA-8 was launched on 28 March 1983, the on-board data collection system (DCS) is to be operational by 10 May 1983.

Date: 15 May 1983

 C. Information on the operation of the GTS
1. Catalogue of Meteorological Bulletins (Publication No. 9, Volume C, Chapter I)1.1 New bulletins

RTH Bracknell

| | | | | | | |
|--------|------|-------|-------|--------------|-------------|--------------------|
| GHOA85 | EGRR | 87638 | 00,12 | (25°N - 75°N | 0° - 45°E), | GRID (2.5° x 2.5°) |
| GHOA70 | EGRR | 87698 | 00,12 | " | " | " |
| GWOE70 | EGRR | 87873 | 00,12 | " | " | " |
| GWGG70 | EGRR | 87875 | 00,12 | " | " | " |
| GWUE50 | EGRR | 87877 | 00,12 | " | " | " |
| GWOG50 | EGRR | 87879 | 00,12 | " | " | " |
| GHNA85 | EGRR | 87639 | 00,12 | (25°N - 75°N | 45°W - 0°), | GRID (2.5° x 2.5°) |
| GHNA70 | EGRR | 87699 | 00,12 | " | " | " |
| GWNE70 | EGRR | 87874 | 00,12 | " | " | " |
| GWNG70 | EGRR | 87876 | 00,12 | " | " | " |
| GWNE50 | EGRR | 87878 | 00,12 | " | " | " |
| GWNG50 | EGRR | 87880 | 00,12 | " | " | " |
| GWNE85 | EGRR | 87881 | 00,12 | " | " | " |
| GWNG85 | EGRR | 87882 | 00,12 | " | " | " |

1.3 Changes to bulletins

As from 1 August 1983 0000 GMT the geographical designator (AA) of the bulletins compiled by Zimbabwe will be ZW instead of RH.

Date: 15 May 1983

B. Manual on codes

2. Regional practices

Region I:

Regional coding procedures for FM 35-V TEMP and FM 36-V TEMP SHIP

Implementation with effect from 1 July 1983, as contained in WMO circular letter no. W/SY/CO of 25 March 1983 (AFR-413).

The President of Regional Association I has approved the following editorial revision of the specification of symbolic letters in the annex to Resolution 6 (VIII-RA I):

| | |
|-------------------------------|--|
| d ₉ d ₉ | True direction (rounded off to the nearest 5°) in tens of degrees, |
| d ₇ d ₇ | from which the wind is blowing at 925, 775 and 600 hPa |
| d ₆ d ₆ | respectively (FM 35-V, FM 36-V) |

Region VI:

(1) Regional coding procedures for FM 35-V TEMP and FM 36-V TEMP SHIP

(2) Regional code for general aviation forecasts in Europe

Implementation with effect from 1 July 1983, as contained in WMO circular letter no. W/SY/CO of 7 April 1983 (EUR-466).

Annex V - Marine Meteorological Services (MMS)
and related oceanographic activities

~~Integrated Global Ocean~~
Division (IGOS)

Date: 15 May 1983

B. Guidance material

2. Reports on MMS

The following report has been published in the series "Marine Meteorology and related Oceanographic Activities". Copies may be obtained from the WMO Secretariat on request.

- No. 9 - Intercalibrations of Directly-Measured and Remotely Sensed
Marine Observations (A.E. Strong)
-