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No. W/OIS

Geneva, 15 March 1983

Annexes: 3

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

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

Dear Sir/Madam,

As indicated in my letter PR-3398 of 26 March 1982, all the information on changes to the operation of the World Weather Watch is now to be assembled and distributed by the Secretariat on a monthly basis to facilitate updating and follow-up action.

It has been found convenient to include in the monthly letter a new annex (Annex V) providing operational information in respect of the Marine Meteorological Services (MMS) and related oceanographic activities in view of their close relationship with the WWW programme.

Attached, you will find annexes providing the latest WWW operational information on WWW and MMS. Those items and sub-items for which information is provided are listed below:

Annex I - Global Observing System

- C. Information on operational status of elements of the surface-based sub-system
 - 1. Publication No. 9, Volume A - 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-3547)
Directors of Meteorological Services of non-Member countries (MC-2248)
Presidents and Vice-Presidents of Regional Associations (P.RA-1029)
Presidents and Vice-Presidents of Technical Commissions (P.TC-1102)
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 Operations of GTS

1. Catalogue of Meteorological Bulletins
(Publication No. 9, Volume C, Chapter I)
 - 1.1 New bulletins
2. Transmission schedules (Publication No. 9, Volume C, Chapter II)
 - 2.3 Changes in schedules/technical specifications
4. Regional Telecommunication networks

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

B. Guidance material

1. Updating of the Guide to MMS
3. Reports on Marine Science Affairs

C. Information on the operation of Marine Meteorological Services

3. Marine Climatology
 - 3.1 Reports of monthly means for North Atlantic

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

Date: 15 March 1983

C. Information on operational status of elements of the surface-based sub-system1. Publication No. 9, Volume A - Stations1.2 Deleted stations

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1.3 Changes to existing stations

62306	MERSA MATRUH	W	W	RW	W	/
62378	HELWAN	W	W	RW	W	/
62414	ASSWAN	W	W	RW	W	/
96781	BANDUNG/HUSEIN	RW	P	.	.	/
16622	THESSALONIKI/MIKRA	.	.	RW	.	/

3. Automatic marine stations

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 DR1BU code (as per mid February 1983).

<u>WMO buoy</u> <u>Identifier</u>	<u>Argos</u> <u>Identifier</u>	<u>Deployed</u> <u>date</u>	<u>position</u> <u>position</u>	<u>position</u> <u>mid-February 1983</u>	<u>Parameters</u> <u>transmitted</u>	<u>Operated by</u>
63001	09400	Aug. 1982	80°41'N 20°52'E	landbased	PPP, TTT, ff	DNMI/NP
63005	09401	Aug. 1982	78°51'N 29°18'E	landbased	PPP, TTT, dd, ff	DNMI/NP
63509	03718	Oct. 1982	73°18'N 35°00'E	73°02'N 20°01'E	PPP, T _w T _w T _w	DNMI
63510	03702	monthly	66°00'N 02°00'E	replacement OWS M	PPP, T _w T _w T _w	DNMI
63512	03067	June 1981	66°18'N 09°31'E	moored	PPP, TTT, T _w T _w T _w	IKU
63513	03071	Oct. 1982	65°03'N 07°33'E	moored	PPP, TTT, T _w T _w T _w	IKU
63519	03723	Nov. 1982	66°00'N 02°00'E	69°19'N 05°27'E	PPP, T _w T _w T _w	DNMI
63521	03070	Nov. 1982	60°37'N 02°46'E	moored	PPP, TTT, T _w T _w T _w	IKU
63523	03724	Febr. 1983	72°39'N 26°58'E	moored	PPP, TTT, T _w T _w T _w	DNMI
64507	03720	Sept. 1982	67°18'N 02°00'W	64°19'N 09°00'E	PPP, T _w T _w T _w	DNMI
64509	03714	Febr. 1983	66°32'N 00°41'W	66°32'N 00°41'W	PPP, T _w T _w T _w	DNMI

Deployment planned:

<u>WMO buoy</u> <u>Identifier</u>	<u>Argos</u> <u>Identifier</u>	<u>to be deployed</u>				<u>Parameters</u> <u>to be transmitted</u>	<u>Operated by</u>
		<u>date</u>	<u>position</u>				
63522	03725	Febr./March	approx. 74°N 39°E			PPP,TTT,I _w T _w I _w	DNMI
63524	03696	Febr./March	" 72°N 15°E			PPP,TTT,I _w T _w I _w ,ppp	DNMI
64502	03697	Febr./March	" 69°N 09°W			PPP,TTT,I _w T _w I _w ,ppp	DNMI
64501	03698	Febr./March	" 71°N 01°W			PPP,TTT,I _w T _w I _w ,ppp	DNMI

Legend

- 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

4. Argos monthly status report

As of 25 February 1983 the ARGOS service was handling reports from 191 drifting buoys, 32 moored buoys, 5 ships, 73 fixed stations and 70 miscellaneous platforms. On the same date, during a period of 24 hours, 851 DRIBU reports were transmitted to RTH Paris for insertion into the GTS.

Date: 15 March 1983

C. Information on the operations of GTS1. Catalogue of Meteorological Bulletins (Publication No. 9, Volume C, Chapter I)1.1 New bulletins

SMEU1	EDZW	18105	FM.12-VII	06610	10035	10147	10203	10338	10384	10400	10637
				10738	10763	10866	11036	40180	40191	40198	40199
USEU1	EDZW	38102	FM.35-V	06610	10035	10338	10384	10410	10739	10868	11035 40179
UKEU1	EDZW	38112	FM.35-V	06610	10035	10338	10384	10410	10739	10868	11035 40179
ULEU1	EDZW	38122	FM.35-V	06610	10035	10338	10384	10410	10739	10868	11035 40179
UEEU1	EDZW	38132	FM.35-V	06610	10035	10338	10384	10410	10739	10868	11035 40179
UPEU1	EDZW	38152	FM.32-V	06610	10035	10338	10384	10410	10739	10868	11035 40179
UGEU1	EDZW	38162	FM.32-V	06610	10035	10338	10384	10410	10739	10868	11035 40179
UHEU1	EDZW	38172	FM.32-V	06610	10035	10338	10384	10410	10739	10868	11035 40179
UQEU1	EDZW	38177	FM.32-V	06610	10035	10338	10384	10410	10739	10868	11035 40179

2. Transmission schedules (Publication No. 9, Volume C, Chapter II)2.3 Changes in schedules/technical specifications(i) changes in schedules

- MTC - Programme Offenbach (EDZW) - Paris (LFPW)
 - MTC - Programme Offenbach (EDZW) - Prague (OKPR)
- Effective 1 March 1983 bulletins for global distribution (ii=i) from Austria, Switzerland, Israel and Germany (Federal Republic of) are deleted from the above transmission programmes. Their contents are combined and distributed under the following new headings (see item C.1. above):

SMEU1	EDZW	18105	USEU1	EDZW	38102
UKEU1	EDZW	38112	ULEU1	EDZW	38122
UEEU1	EDZW	38132	UPEU1	EDZW	38152
UGEU1	EDZW	38162	UHEU1	EDZW	38172
UQEU1	EDZW	38177			

- VI-iii Offenbach/Main - Mainflingen (DCF54) radio-facsimile broadcast effective 1 March 1983 processed METEOSAT-2 satellite imagery is transmitted with new drum speed/index of co-operation 120/576, at 0155, 1232, 1341, 1633 and 2110 GMT as in the present schedule.

(ii) changes in technical specifications

II-ii Jeddah RTT broadcast modulation rate is changed from 50 bauds to 100 bauds

4. Regional Telecommunication networksRegion 1

The regional circuit Dakar/Sal is operational as from 4 February 1983.

Date: 15 March 1983

B. Guidance material

The following guidance material, issued in the framework of the activities of the Commission for Marine Meteorology (CMM), will assist Members in developing their national programmes.

1. Updating of the Guide to MMS

The second edition of the Guide to Marine Meteorological Services has been distributed to Members. The Guide, which has been completely revised, contains many examples of national marine meteorological products.

3. Reports on Marine Science Affairs

A revised edition of the publication "The preparation and use of Weather maps by Mariners" has been distributed to Members as Report No. 15 in the Marine Science Affairs series. The following reports are still available in this series.

No. 11 - The influence of the ocean on climate (Lectures presented at the twenty-eighth session of the WMO Executive Committee).
WMO - No. 472. (English)

No. 12 - Aspects météorologiques des contributions présentées à l'Assemblée océanographique conjointe. OMM - N° 499. (Français)

No. 13 - Present techniques of tropical storm surge prediction. .
WMO - No. 500 (English)

No. 14 - Satellite data requirements for marine meteorological services.
WMO - No. 548. (English)

C. Information on the operation of Marine Meteorological Services

3. Marine Climatology

3.1 Reports of monthly means for North Atlantic (NACLI - FM 73-VI)

Following the result of an enquiry to all Members by WMO circular letter W/SY/DP (PR-3297) of 30 November 1982 which indicated that very few Members have a requirement for reports of monthly means for North Atlantic (NACLI - FM 73-VI), Norway, the Member responsible for issuing the reports, has decided to stop issuing these reports as from 1 March 1983.
