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Annexes: 3

GENEVA, 28 February 1991

Subject : Monthly letter on the operation of the World Weather Watch (WWW) and Marine Meteorological Services (MMS) February 1991

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

Dear Sir/Madam,

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 I - Global Observing System

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

1. Publication No. 9, Volume A - Stations

- 1.1 New Stations
- 1.2 Deleted stations
- 1.3 Changes to existing stations
- 1.5 Temporary changes

4. Automatic marine stations

5. ARGOS

5.1 ARGOS monthly status report

To: Permanent Representatives (or Directors of Meteorological or Hydro-meteorological Services) of Members of WMO (PR-4602)
Directors of Meteorological Services of non-Member countries (MC-2443)
Presidents and Vice-Presidents of Regional Associations (P.RA-1267)
Presidents and Vice-Presidents of Technical Commissions (P.TC-1385)
Chairmen of CBS Working Groups
Secretary-General of ICAO
Director-General of IATA
Secretary of IOC
Director-General of ASECNA
Director of ECMWF

6. Feed-back from Members to the Secretariat on any changes in the observing network

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)

1.5 Bulletins for oceanographic data

2. Transmission schedules (Publication No. 9, Volume C, Chapter II)

2.3 Changes in schedules/technical specifications

Annex IV - Codes

B. Manual on Codes

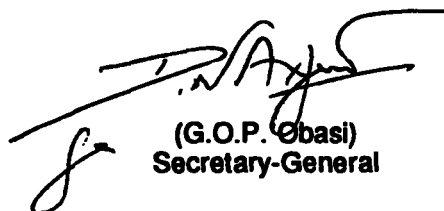
3. National practices

3.3 Changes to codes or procedures

The CBS Advisory Working Group recommended that a special table should be added to the monthly letter to report changes of the present status of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations. You will note, therefore, that a new item, number 6, "Feed-back from Members to the Secretariat on any changes in the observing network" has been added to Annex I - Global Observing System.

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 the Secretariat accordingly.

Yours faithfully,


(G.O.P. Obasi)
Secretary-General

Annex I - Global Observing System

Date: February 1991

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

1. Publication No. 9. Volume A - Stations

1.1 New stations

07039	VALOGNES	49°31'N	01°30'W	-	61	X X X X X X X X			. . . . .	AUT/
17045	ARTVIN	41°10'N	41°49'E	30	30	X X X X X X X X	H00-24		. . . . .	/
17052	KIRKLARELI	41°44'N	27°13'E	232	232	X X X X X X X X	H00-24		. . . . .	/
17069	ADAPAZARI	40°47'N	30°25'E	30	30	X X . X X X X X	H04-24		. . . . .	/
17085	AMASYA	40°39'N	35°51'E	412	412	X X X X X X X X	H00-24		. . . . .	/
17086	TOKAT	40°18'N	36°34'E	608	608	X X X X X X X X	H00-24		. . . . .	/
17099	AGRI	39°43'N	43°03'E	1632	1632					
				850	hPa	X X X X X X X X	H00-24		. . . . .	/
17140	YOZGAT	39°50'N	34°49'E	1298	1298					
				850	hPa	X X X X X X X X	H00-24		. . . . .	/
17193	NEVSEHIR	38°37'N	34°43'E	1260	1260					
				850	hPa	X X X X X X X X	H00-24		. . . . .	/
17203	BINGOL	38°52'N	40°30'E	1177	1177					
				850	hPa	X X X X X X X X	H00-24		. . . . .	/
17204	MUS	38°44'N	41°31'E	1320	1320					
				850	hPa	X X X X X X X X	H00-24		. . . . .	/
17275	MARDIN	37°18'N	40°44'E	1050	1050					
				850	hPa	X X X X X X X X	H00-24		. . . . .	/
17282	BATMAN	37°52'N	41°10'E	540	540	X X X X X X X X	H00-24		. . . . .	/
80434	VALLE DE LA PASCUA	09°13'N	66°01'W	-	125	X X . X X X X X	H09-24		. . . . .	/
91723	NUKUNONU	09°12'S	171°54'W	-	3	X X X X X X X X			. . . . .	/
91819	SUWARROW	13°14'S	163°05'W	-	3	X X X X X X X X			. . . . .	/

1.2 Deleted stations

02141 NAUSTA
07024 CHERBOURG

1.3 Changes to existing stations

02160	NATTAVAARA					. X X X X	H05,11		. . . . .	/
02454	UTVALNAS					X X . X X X X X X			. . . . .	AUT/
02480	NORRTALJE/VASBY					X X X X X X X .			. . . . .	/
17062	ISTANBUL/GOZTEPE					X X X X X X X X	H00-24	RW . RW .	. . . . .	/
17130	ANKARA/CENTRAL					X X X X X X X X	H00-24	RW . RW .	. . . . .	/

1.5 Temporary changes

Notification from New Zealand that as from 11 February 1991 at 1200 UTC station 93012 KAITAIA changed from manual processing of radiosonde observations to the vaisala pc-cora system.

Notification from Portugal that from 0000 UTC on 28 February 1991 until 2359 UTC on 4 March 1991 some difficulties may be experienced in transmission over national and international circuits of meteorological data related to Portugal, Azores and Madeira.

End of daylight saving time in Australia

Notification from Australia of the end of daylight saving time (summer time) as follows.

- (a) Australian summer time will cease in Queensland, New South Wales, the Australian capital Territory, Victoria and South Australia at 1500 UTC on 2 March 1991, and in Tasmania at 1500 UTC on 30 March 1991.
- (b) Australian summer time was not implemented in Western Australia and in the Northern Territory.
- (c) Surface observations in Queensland, New South Wales, the Australian Capital Territory, Victoria and South Australia will revert to the normal programme from 1500 UTC on 2 March 1991.
- (d) Surface observations in Tasmania will revert to the normal programme from 1500 UTC on 30 March 1991.
- (e) No changes will be made to time of surface observations in Western Australia and the Northern Territory.
- (f) Upper air observations will revert to the normal programme at all Australian stations from 1500 UTC on 2 March 1991.

4. Automatic marine stations

United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the February 1991 Data Platform Status Report of the Data Buoy Centre of the National Oceanic and Atmospheric Administration (NOAA). Data from moored buoys and platforms are collected by geostationary meteorological satellites and reports are distributed on the GTS in SHIP code. Data from drifting buoys are collected by the Argos system and distributed on the GTS in DRIBU code.

Legend

<u>Column</u>	<u>Observed or technical parameters</u>
1	Wind direction and speed
2	Air temperature
3	Pressure
4	Pressure tendency
5	Sea-surface temperature
6	Wave period and height
7	Wave spectra
8	Drogued

Moored Buoys:

WMO buoy Identifier	Position		Observed or technical parameters						
	14-21 February 1991		1	2	3	4	5	6	7
32302	18°00'S	85°06'W	*	*	*	*	*	*	*
41001**	34°54'N	73°00'W	X	X	X	X	X	X	X
41002**	32°18'N	75°12'W	X	X	X	X	X	X	X
41006**	29°18'N	77°24'W	X	X	X	X	X	X	X
41008	30°42'N	81°06'W	X	X	X	X	X	X	X
41009	28°30'N	80°12'W	X	X	X	X	X	X	X
41010	28°54'N	78°30'W	X	X	X	X	X	X	X
42001**	25°54'N	89°42'W	X	X	X	X	X	X	X
42002**	25°54'N	93°36'W	X	X	X	X	X	X	X
42003**	25°54'N	85°54'W	X	X	X	X	X	X	X
42007	30°06'N	88°48'W	X	*	X	X	X	.	.
42019	27°54'N	95°00'W	X	X	X	X	X	X	X
42020	27°00'N	96°30'W	X	X	X	X	X	X	X
44001	38°24'N	73°36'W	X	X	X	X	X	X	X
44004**	38°30'N	70°36'W	X	X	X	X	X	X	X
44005**	42°42'N	68°36'W	X	X	X	X	X	X	X
44007**	43°30'N	70°06'W	X	X	X	X	X	X	X
44008**	40°30'N	69°24'W	X	X	X	X	X	X	X
44009**	38°24'N	74°42'W	X	X	X	X	*	X	X
44011**	41°06'N	66°36'W	X	X	X	X	X	X	X
44012**	38°48'N	74°36'W	X	X	X	X	X	X	X
44013**	42°24'N	70°48'W	X	X	X	X	X	X	X
44014	36°36'N	74°48'W	X	X	X	X	X	X	X
44015	37°30'N	73°24'W	X	X	X	X	X	X	X
44023	37°30'N	74°24'W	X	X	X	X	X	X	X
44024	37°42'N	74°42'W	.	.	.	.	.	.	.
45001**	48°00'N	87°42'W	X	X	X	X	X	X	X
45002**	45°18'N	86°24'W	*	X	X	X	X	X	X
45003**	45°18'N	82°42'W	X	X	X	X	X	X	X
45004**	47°30'N	86°30'W	*	*	*	X	X	X	X
45005**	41°42'N	82°24'W	X	X	X	X	X	X	X
45006**	47°18'N	89°54'W	X	X	X	X	X	X	X
45007**	42°42'N	87°06'W	X	X	X	X	X	X	X
45008**	44°18'N	82°24'W	X	X	X	X	X	X	X
46001**	56°18'N	148°18'W	X	X	X	X	X	X	X
46002**	42°30'N	130°24'W	X	X	X	X	X	X	X
46003**	51°54'N	155°54'W	X	X	X	X	X	X	X
46005**	46°06'N	131°00'W	X	X	X	X	X	X	X
46006**	40°48'N	137°42'W	*	*	*	*	*	*	*
46010**	46°12'N	124°12'W	X	X	X	X	X	X	X

* Sensor/system failure.

** Primarily for National Weather Service (NWS) support; however, all stations report data to NWS.

Moored Buoys (continued):

WMO buoy Identifier	Position 14-21 February 1991		Observed or technical parameters						
			1	2	3	4	5	6	7
46011	34°54'N	120°54'W	X	X	X	X	X	X	X
46012	37°24'N	122°42'W	X	X	X	X	X	X	X
46013	38°12'N	123°18'W	X	X	X	X	X	X	X
46014	39°12'N	124°00'W	X	X	X	X	X	X	X
46022	40°42'N	124°30'W	X	X	X	X	X	X	X
46023	34°18'N	120°42'W	X	X	X	X	X	X	X
46025	33°42'N	119°06'W	X	X	X	X	X	X	X
46026**	37°42'N	122°42'W	X	X	X	X	X	X	X
46027**	41°48'N	124°24'W	X	X	X	X	X	X	X
46028	35°48'N	121°54'W	X	X	X	X	*	X	X
46030	40°24'N	124°30'W	X	X	X	X	*	X	X
46035	57°00'N	177°42'W	X	X	X	X	X	X	X
46040	44°48'N	124°18'W	*	*	*	*	*	*	*
46041	47°24'N	124°30'W	*	*	*	*	*	*	*
46042	36°48'N	122°24'W	X	X	X	X	X	X	X
46045	33°48'N	118°24'W	X	X	X	X	X	X	X
51001**	23°24'N	162°18'W	X	X	X	X	X	X	X
51002**	17°12'N	157°48'W	X	X	X	X	*	X	X
51003**	19°12'N	160°48'W	X	X	X	X	X	X	X
51004**	17°30'N	152°36'W	.	.	.	.	.	.	.

Drifting Buoys:

WMO buoy Identifier	Argos Identifier	Position 20-21 February 1991		Observed or technical parameters							
				1	2	3	4	5	6	7	8
14803	08844	22°S	050°E	.	X	X	.	X	.	.	.
14804	08845	30°S	046°E	.	X	X	.	X	.	.	.
17803	05571	40°S	089°E	X	*	X	.	X	.	.	X
17804	12300	40°S	082°E	.	*	X	.	X	.	.	.
17805	12304	36°S	078°E	.	*	X	.	X	.	.	.
17806	12306	39°S	005°W	.	X	X	.	X	.	.	.
32814	07491	18°S	085°W	.	X	X	.	X	.	.	.
33509	12307	45°S	045°W	.	X	X	.	X	.	.	.
33510	12308	46°S	007°W	.	X	X	.	X	.	.	.
33826	12296	59°S	025°E	.	X	X	.	X	.	.	.
33827	12297	48°S	047°E	.	X	X	.	X	.	.	.
33828	12298	46°S	043°E	.	X	X	.	X	.	.	.
33830	12305	45°S	018°E	.	X	X	.	X	.	.	.
54829	06762	39°S	156°W	.	*	X	.	X	.	.	.
54830	06763	46°S	117°W	.	*	X	.	X	.	.	.
54831	06764	46°S	114°W	.	X	X	.	X	.	.	.
54832	06585	41°S	165°W	X	X	X	.	X	.	.	X
54833	06586	46°S	144°W	X	X	X	.	X	.	.	X
54834	06583	36°S	154°W	X	X	X	.	X	.	.	X
54835	06731	37°S	157°W	.	X	X	.	X	.	.	.

** Primarily for National Weather Service (NWS) support; however, all stations report data to NWS

* Sensor/system failure

Drifting Buoys (continued):

WMO buoy Identifier	Argos Identifier	Position		Observed or technical parameters								
		20-21 February 1991		1	2	3	4	5	6	7	8	
55802	08843	27°S	052°E	.	X	X	.	X	.	.	.	.
55803	05136	60°S	175°E	.	X	X	.	X	.	.	.	.
56827	09221	59°S	143°E	.	*	X	.	*	.	.	.	.
56831	09217	09°S	114°E	.	*	X	.	*	.	.	.	.
56832	09219	12°S	110°E	.	.	X	.	.	.	.	.	.

- * Sensor/system failure

5. ARGOS service

5.1 ARGOS monthly status report

As at 6 February 1991 the Argos service was handling reports from 612 drifting buoys, 137 moored buoys, 4 balloons, 37 ships, 95 animal trackings, 410 fixed stations, 110 boats and 43 miscellaneous platforms. DRIBU reports from 56 drifting buoys and BATHY reports from 28 selected ships were transmitted to the RTH Paris and DRIBU reports from 224 drifting buoys were transmitted to the WMC Washington for insertion into the GTS. The list of platforms reporting through Argos and distributed over the GTS follows:

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>
Australia	55511	00418
	56001	04873
	56501	02934
	56502	02936
	56503	08035
	56504	08036
	56544	02935
	56546	02951
	56547	04870
	56548	04871
	56549	04872
	9VBZ*	09195
	VMAP*	09194
	9VUU*	09190
	9VWM*	09187
	GYRW*	09197
	GYSA*	09189
	GYSE*	09199
	S6FK*	09193
	VJBQ	09196
Canada	47558	09785
	47559	04004

- * PTT's transmitting at irregular intervals.

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>
France	13531	05832
	44610	10102
	62503	05790
	62513	05829
	62516	05833
	62518	10104
	62519+	10106
	64516	05796
	64517+	10105
	3EAJ*	04711
	3EBD*	04725
	A3BZ*	04709
	C6HL*	04705
	ELEH*	08746
	FNCZ*	04724
	FNGB*	04733
	FNGS*	04707
	FNJT*	04722
	FNOM*	04701
	FNAP*	04706
	FNZO*	04716
	FNZP*	04719
	FNZQ*	04703
	FPYO*	04729
	FWQP*	08747
	GQEK*	04708
	HPEW*	04720
ZDBE*	04718	
Germany	71524	03315
	71540	08068
	71543	08055
	71545	09353
	71546	09354
	71547	09355
Japan	52060	08718
	52064	08724
New Zealand	55579	06435
	55582	07175
	55583	07179
	55584	07178
	55585	07177

+ PTT's which were removed from the GTS during the month.

* PTT's transmitting at irregular intervals.

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>	
Norway	17001	01591	
	17003	01758	
	44624+	03722	
	44743+	01298	
	63002	09407	
	63004+	09403	
	63512	01792	
	65581	01299	
	71001	01757	
	74001	09405	
	South Africa**	17522	09095
		17523	09086
		17524	09099
17527		09087	
17528		08260	
17529		09088	
17530		09093	
17532		09090	
United Kingdom		44617	07695
		62608	03919
	62803	06299	
	62804	06305	
	62805	06285	
United States of America	12847	11191	
	14803	08844	
	14804	08845	
	17803+	05571	
	17804	12300	
	17805	12304	
	17806	12306	
	25536	12780	
	31502	09844	
	32513	11910	
	32514	10836	
	32515	11898	
	32516	11911	
	32517	15093	
	32518	15091	
	32519	11905	

+ PTT's which were removed from the GTS during the month.

** The Government of the Republic of South Africa has been suspended by Resolution 38 (Cg-VII) from exercising its rights and enjoying its privileges as a Member of WMO.

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>
United States of America (continued)	32521	11909
	32522	10808
	32523	10809
	32525	11192
	32528	10820
	32529	11194
	32531	10812
	32532	11897
	32534	11196
	32535	11907
	32537	10839
	32538	11172
	32539	11875
	32540	11904
	32541	11656
	32543	11015
	32544	11908
	32545	10849
	32546	11160
	32549	11163
	32550	11894
	32552	11195
	32553	10841
	32554	10840
	32558	09276
	32560	11572
	32814	07491
	33509	12307
	33510	12308
	33826	12296
	33827	12297
	33828	12298
	33830	12305
	41012	01602
	41014	01606
	41503	12666
	41504	12668
	41510	09845
	41511	09846
	41512	09857
	41513	09853
	43502	11168
	43503	11874
	43504	11198
	43508	11171
	43510	11628
	43801	06898
	44006+	04004

+ PTT's which were removed from the GTS during the month.

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Arqos Identifier</u>
United States of America (continued)	44016	01605
	44017	01604
	44020	01609
	44021	01608
	44502+	04570
	44504	04561
	44505	09878
	44506	04542
	44510	04530
	44518	09841
	44519	09851
	44520	09856
	44521	12753
	44522	12754
	44523	12772
	44524	12750
	44528	12768
	44529	12746
	44530	12770
	44532	12743
	44534	12771
	44538	12762
	44540	12752
	44541	12763
	44542	12764
	44543	12765
	44544	12766
	44545	12767
	44551	12453
	46510	12672
	46511	12690
	46512	12691
	46514	12693
	47601	12785
	48518	12782
	48519	12783
	51007+	06475
	51510	11671
	51511	06883
	51512	15089
51513	11663	
51514	11675	
51515	11678	
51516	11632	
51517	11676	
51518	15077	
51519	11646	
51520	11653	

+ PTT's which were removed from the GTS during the month.

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>
United States of America (continued)	51801	11197
	51802	11650
	51803	11912
	51804	15092
	51806	11625
	51807	15094
	51809	11199
	51810	15087
	51811	11644
	51812	11657
	51813	11569
	51814	11682
	51816	11620
	51817	11655
	51818	11630
	51819	11645
	51820	11687
	51821	11690
	51822	11870
	51824	11685
	51825	11686
	51826	11871
	51827	11688
	51828	11695
	51829	11202
	51830	15088
	51831	11689
	51832	11691
	51833	11872
	51834	11170
	51835	11638
	51837	11642
	51839	11700
	51841	15098
	51842	11702
	51843	11703
	51845	11548
	51846	11692
	51847	11706
	51849	15097
	51850	11662
	51853	11694
	51855	11705
	51857	11667
	51858	11668
	51861	15099
	51862	11670
	51863	11564

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>
United States of America (continued)	51865	11623
	51866	11664
	51867	11666
	51868	11669
	51869	11674
	51870	11679
	51871	11693
	51872	11696
	51873	11699
	51874	11701
	51875	11704
	51876	11683
	51877	15073
	51878	15072
	51879	15074
	51880	15078
	51881	15080
	51882	15081
	51883	15083
	51884	15084
	51885	15086
	52807	10824
	52813	10835
	52827	10823
	52852	11629
	52853	11624
	52854	11626
	52857	11640
	52858	11649
	52865	11567
	52866	11887
	52867	11893
	52868	11876
	52872	11890
	52875	11896
	52877	11883
	52878	11885
	53809	11886
	54829	06762
	54830	06763
	54831	06764
	54832+	06585
	54833+	06586
	54834+	06583
	54835	06731
	55802	08843
	55803	05136
	56827	09221

+ PTT's which were removed from the GTS during the month.

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>
United States of America (continued)	56829	09222
	56831	09217
	56832	09219
	62671	09847
	62672	09859
	64533	12786
	64539	12787
	64577	04126
	64578	04834
	64580	12444
	64582	12447
	64583	12456
	64585	12473
	65505	04632

ATLAS buoys

This report does not list the ATLAS buoys.

Note

Members operating Argos Local Users Terminals (LUTs) are invited to submit to the Secretariat by telex, the list of platforms entering reports into the GTS through their LUTs, effective on or around the 20th of each month.

6. Feed-back from Members to the Secretariat on any changes in the observing network

In view of the difficulties experienced at present in identifying non-implemented observing stations or implemented stations which are closed or suspended for a certain period, or stations making observations but not reaching their NMCs, the ninth session of the CBS Advisory Working Group recommended that a special table be added to the WWW monthly operational letter to serve as feed-back from Members to the Secretariat on any changes of the present state of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations.

The special table, accompanied by explanatory notes overleaf, is attached as an appendix to this annex. Members are urged to fill in this appendix, as and when appropriate, and to return it to the Secretariat before the 1st of each month to enable changes to be included in the next monthly letter.

Feed-back from Members to the Secretariat on any changes in the observing network
(explanatory notes overleaf)

Global Exchange/Regional Exchange (delete as appropriate)

Country: _____

Station index number	Bulletin identification TTAAii CCCC	Implementation of observing programme								Alternate observing station	Remarks
		00	03	06	09	12	15	18	21		

1. SYNOP

2. TEMP

3. PILOT

Explanatory notes for Feed-back from Members to the Secretariat on any changes in the observing network

1. **Separate tables should be prepared for global exchange and regional exchange respectively. These tables should contain information concerning any changes of the present state of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations given in Attachment I-4 of the Manual on the GTS, Volume I for global exchange and, as applicable, Attachments AF-I, AI-1, SA-1, NA-1, PS-1 and EU-1 of the Manual on the GTS, Volume II for regional exchange.**

2. **For entries in these tables, the following should be taken into account:**
 - (a) **In the column "Station index number", the index number (Iliii) of each station should be entered in case of any changes in the observing programmes of the stations;**

 - (b) **In the column "Bulletin identification", the TTAAii CCCC of the abbreviated heading of the meteorological bulletins which contains reports from the station should be inserted;**

 - (c) **In the column "Implementation of observing programme", "X" for implementation and "-" for non-implementation should be inserted as appropriate. In order to easily identify changes in the programme, this should be marked in red;**

 - (d) **In the column "Alternate observing station", the index number (Ilii) of an alternate observing station should be inserted in case another station is available with a view to filling gaps which are caused by suspension of observing programmes of the original station;**

 - (e) **The required information concerning the observing programme of the alternate station should be inserted in the next horizontal line of the original station;**

 - (f) **In the column "Remarks", reasons of temporary suspension of observing programmes and an expected date of resumption of the programmes should be given as far as possible. Non-standard collection and/or distribution times should also be included.**

3. **These tables should be sent to the Secretariat before the 1st of the month for inclusion of the changes in the monthly operational letter, as appropriate.**

Annex III - Global Telecommunication System

Date: February 1991

C. Information on the operation of the GTS

1. Catalogue of Meteorological Bulletins (Publication No. 9, Volume C, Chapter I)

1.5 Bulletins for oceanographic data

SOAG01 SABM	SOVD11 KWBC
SOBZ01 SBBR	SOVD12 KWBC
SOCO01 SKBO	SOVD13 KWBC
SOSN01 ESWI	SOVE01 AMMC
SOVA01 EGRR	SOVE01 EGRR
SOVA02 EGRR	SOVE01 NTAA
SOVA10 RUMS	SOVE02 AMMC
SOVB01 EGRR	SOVE02 EGRR
SOVB02 EGRR	SOVE03 AMMC
SOVB10 RUHB	SOVE04 AMMC
SOVB10 RUMS	SOVE10 RUHB
SOVC01 EGRR	SOVF01 BIRK
SOVC02 EGRR	SOVF01 EDZW
SOVC10 RUHB	SOVF01 EGRR
SOVC10 RUMS	SOVF01 ESWI
SOVD01 BIRK	SOVF01 LFPW
SOVD01 CWHF	SOVF02 BIRK
SOVD01 CWPf	SOVF02 EGRR
SOVD01 EDZW	SOVF02 ESWI
SOVD01 EGRR	SOVF10 RUMS
SOVD01 KWBC	SOVJ01 EGRR
SOVD01 TFFF	SOVJ02 EGRR
SOVD01 TFFR	SOVJ10 RUML
SOVD01 TNCC	SOVX01 DEMS
SOVD02 BIRK	SOVX01 RJTD
SOVD02 CWOW	SOVX02 DEMS
SOVD02 EGRR	SOVX02 ETRW
SOVD02 KWBC	SOVX02 RJTD
SOVD02 TFFF	SOVX10 RUHB
SOVD01 TFFR	SOVX10 RUMS
SOVD02 TNCC	SOVX11 RJTD
SOVD03 KWBC	SOVX12 RJTD
SOVD04 KWBC	SOWD10 RUMS
SOVD05 KWBC	SOWE01 AMMC
SOVD06 KWBC	SOWE02 AMMC
SOVD07 KWBC	
SOVD08 KWBC	
SOVD09 KWBC	
SOVD10 RUHB	
SOVD10 RUMS	

2. Transmission schedules (Publication No. 9, Volume C, Chapter II)

2.3 Changes in schedules/technical specifications

VI-iii MADRID radio-facsimile broadcast changes in transmission times.

Annex IV - Codes

Date: February 1991

B. Manual on Codes

3. National practices

3.3 Changes to codes or procedures

Volume II - Region I - Section E -
NATIONAL CODING PROCEDURES WITH REGARD TO INTERNATIONAL CODE FORMS

FM 12-IX SYNOP AND FM 13-IX SHIP

Add
MOZAMBIQUE.

5EEE~~E~~ This group is reported at 0600 UTC by all stations with evaporation pans. The value of evaporation "EEE" is for the period of 24 hours of the day before the previous day observed at 0700Z of the preceding day.

Replace page II-1-E-4 (see Annex IV, p. 2)

REGION I

MALAWI (continued)

OT_gT_gR_cR_t

This group is used in the form OT_gT_g//.
The group OT_gT_g// is only reported at 0600 UTC from 1 May to 30 September.

943D_LD_L

This group is used during the tropical cyclone season only at station 67693 (Chileka).

MALI

6RRRt_R
12.2.5.4.

This group is only reported at 0600 and 1800 UTC in accordance with Regulation

7wwW₁W₂

ww is coded 05 only when horizontal visibility is less than 5 km
ww is coded 10 only when horizontal visibility is 1 km or more and less than 5 km.

55f_xf_xg₀ }
(55f_xf_xf_x) }

This (these) group(s) is (are) reported only by stations equipped with an anemograph.

9S_pS_ps_ps_p

This group is used in the following form:

990tw₁n_w1

Time of commencement and duration of fall of hail having occurred during the period covered by W₁W₂

n_w1 Duration of fall of hail. (Code table 158)
t_w1 Time of commencement of fall of hail. (Code table 158)

MOROCCO

9S_pS_ps_ps_p

This service uses deciles 50-59 and 60-69 as prescribed in Region VI (Code table 668):

95D_aN_mn₃ Cloud conditions over mountains and passes.

96D_aN_vn₄ Fog, mist or low cloud in valleys or plains, observed from a station at a higher level.

MOZAMBIQUE

5EEEiE

This group is reported at 0600 UTC by all stations with evaporation pans. The value of evaporation "EEE" is for the period of 24 hours of the day before the previous day observed at 0700Z of the previous day.

NIGER

4PPPP

This group is reported by stations with elevation higher than 500 m.

6RRRt_R
12.2.5.4.

This group is only reported at 0600 and 1800 UTC in accordance with Regulation

55f_xf_xg₀ }
(55f_xf_xf_x) }

This (these) group(s) is (are) reported only by stations equipped with an anemograph.

9SpSp_sp_s

This group is used in the following form:

990t_w1n_w1 Time of commencement and duration of fall of hail.
n_w1 Duration of fall of hail. (Code table 158)
t_w1 Time of commencement of fall of hail. (Code table 158)