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Annexes: 3

GENEVA, 31 May 1991

Subject : Monthly letter on the operation of the World Weather Watch (WWW) and Marine Meteorological Services (MMS) May 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
 - 1.3 Changes to existing stations
 - 1.5 Temporary changes
 - 3. Mobile sea stations
 - 3.2 Automated Shipboard Aerological Programme (ASAP)

To: Permanent Representatives (or Directors of Meteorological or Hydro-meteorological Services) of Members of WMO (PR-4622)
Directors of Meteorological Services of non-Member countries (MC-2447)
Presidents and Vice-Presidents of Regional Associations (P.RA-1270)
Presidents and Vice-Presidents of Technical Commissions (P.TC-1388)
Chairmen of CBS Working Groups
Secretary-General of ICAO
Director-General of IATA
Secretary of IOC
Director-General of ASECNA
Director of ECMWF

4. Automatic marine stations
5. ARGOS Service
 - 5.1 ARGOS monthly status report
6. Feed-back from Members to the Secretariat on any changes in the observing network

Annex III - Global Telecommunication System

- A. GTS regulatory or guidance material
 3. Amendments to the Manual on the Global Telecommunication System
- C. Information on the operation of the GTS
 1. Catalogue of Meteorological Bulletins (Publication No. 9, Volume C, Chapter I)
 - 1.3 Changes to bulletins
 2. Transmission schedules (Publication No. 9, Volume C, Chapter II)
 - 2.3 changes in schedules/technical specifications

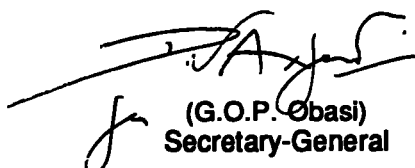
Annex V - Marine Meteorological Services (MMS) and related oceanographic activities

- C. Information on the operation of Marine Meteorological Services
 1. Broadcasts for shipping and other marine activities (Publication No. 9, Volume D, Part A)
 - 1.3 Changes in schedules/technical specifications

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: May 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

03840 DUNKESWELL 50°52'N 03°14'W - 255 X X X X X X X X H00-24 /
AERODROME

1.3 Changes to existing stations

13008	KREDARICA	X X X X X X X X /
13340	LIVNO	. X X X X X X /
71852	WINNIPEG INT. AIRPORT	X . X . X . X /
78583	BELIZE/INT. AIRPORT (Will resume 24-hour observations by the end of 1991)	X X . . X X X X	RW . RW . /
85470	COPIAPO	X . . . X X X X /
85577	SANTIAGO Q. NORMAL	X . . . X X X X /
89056	CENTRO MET. ANTARTICO "PDTE EDUARDO FREI"	X X X X X X X X /

1.5 Temporary changes

Notification from Argentina that radiosonde/radiowind observations have been resumed at station 87576 EZEIZA AERO as from 0000 UTC on 1 April 1991 .

And from 0000 UTC on 1 May 1991 at the following stations:

87047 SALTA AERO
87418 MENDOZA AERO
87623 SANTA ROSA AERO
87715 NEUQUEN AERO
87860 COMODORO RIVADAVIA AERO

3. Mobile sea stations

3.2 Automated Shipboard Aerological Programme (ASAP)

Canada (ASAP messages - call-sign change)

- One of the ASAP ships is changing ownership and so the call-sign in the messages is changing, as well as the ship's name. The transmitter platform I.D., timeslots and channel number are not being affected.
- The ship is the SKEENA, call-sign ZSCK. The new name is SKAUBRYN and the new call-sign is LAJV4.
- This change was made on 21 March 1991.

Moored Buoys (Great Lakes):

<u>WMO buoy Identifier</u>	<u>Position 29 April 1991</u>		<u>Observed or technical parameters</u>							
			<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
45132	42°28'N	081°12'W	X	X	X	X	X	X	.	X
45135	43°48'N	076°52'W	X	X	X	X	X	X	.	X
45136	48°32'N	086°57'W	X	X	X	X	X	X	.	X
45137	45°20'N	080°02'W	X	X	X	X	.	.	.	X
45139	43°16'N	079°33'W	X	X	X	X	X	X	X	X

Drifting Buoys (North-east Pacific Ocean):

<u>WMO buoy Identifier</u>	<u>Argos Identifier</u>	<u>Position 28 April 1991</u>		<u>Observed or technical parameters</u>							
				<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
46632	12511	43°52'N	140°26'W	.	X	X	.	X	.	.	.
46681	07135	50°44'N	153°51'W	.	X	X	.	X	.	.	.
46684	07137	43°56'N	160°13'W	.	X	X	.	X	.	.	.
46687	07138	36°23'N	132°17'W	.	X	X	.	X	.	.	.
46692	07139	42°15'N	157°14'W	.	.	X	.	X	.	.	.
46693	07140	35°02'N	141°02'W	.	X	X	.	X	.	.	.
46696	06267	39°11'N	151°02'W	.	X	X	.	X	.	.	.
46703	06269	52°38'N	133°41'W	.	X	X	.	X	.	.	.
46704	07128	46°55'N	139°00'W	.	X	X	.	X	.	.	.
46705	07129	50°49'N	141°51'W	.	X	X	.	X	.	.	.
46706	07130	41°58'N	130°09'W	.	X	X	.	X	.	.	.
46707	07131	24°41'N	146°47'W	.	X	X	.	X	.	.	.

Drifting Buoys (Arctic Icepack):

<u>WMO buoy Identifier</u>	<u>Argos Identifier</u>	<u>Position 29 April 1991</u>		<u>Observed or technical parameters</u>							
				<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
48523	01107	74°39'N	135°58'W	.	X	X	X

United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the May 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 2-9 May 1991		Observed or technical parameters						
			1	2	3	4	5	6	7
32302	18°00'S	85°06'W	X	X	X	X	X	X	X
41001**	34°54'N	72°54'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	*	*	*	*	*	*	*
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	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
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	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
45001**	48°00'N	87°48'W	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	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°48'N	87°06'W	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
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

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

* Sensor/system failure

Moored Buoys (continued):

WMO buoy Identifier	Position		Observed or technical parameters						
	2-9 May 1991		1	2	3	4	5	6	7
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
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	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	X	X	X	X	X	X	X
46041	47°24'N	124°30'W	X	X	X	X	X	X	X
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°30'W	X	X	X	X	X	X	X

Drifting Buoys:

WMO buoy Identifier	Argos Identifier	Position		Observed or technical parameters							
		8-9 May 1991		1	2	3	4	5	6	7	8
14803	08844	40°S	021°E	.	X	X	.	X	.	.	.
14804	08845	25°S	054°E	.	X	X	.	X	.	.	.
16807	05133	50°S	004°W	.	X	X	.	X	.	.	.
17803	05571	40°S	091°E	X	*	X	.	*	.	.	X
17804	12300	37°S	088°E	.	*	X	.	X	.	.	.
17805	12304	31°S	074°E	.	*	X	.	X	.	.	.
17806	12306	40°S	007°E	.	X	X	.	X	.	.	.
17809	05125	43°S	013°E	.	X	X	.	X	.	.	.
17810	05126	41°S	005°E	.	X	X	.	X	.	.	.
17825	05129	45°S	006°E	.	X	X	.	X	.	.	.
33301	12310	56°S	028°W	.	X	X
33509	12307	43°S	043°W	.	X	X	.	X	.	.	.
33510	12308	47°S	011°E	.	X	X	.	X	.	.	.
33825	12301	55°S	089°E	.	X	X	.	X	.	.	.
33826	12296	60°S	038°E	.	X	X	.	X	.	.	.
33827	12297	49°S	068°E	.	X	X	.	X	.	.	.
33828	12298	46°S	055°E	.	X	X	.	X	.	.	.
33830	12305	43°S	038°E	.	X	X	.	X	.	.	.
54829	06762	40°S	160°W	.	*	X	.	X	.	.	.
54830	06763	42°S	112°W	.	*	X	.	X	.	.	.

* Sensor/system failure.

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

Drifting Buoys (continued):

WMO buoy Identifier	Argos Identifier	Position 8-9 May 1991		Observed or technical parameters							
				1	2	3	4	5	6	7	8
54831	06764	46°S	108°W	.	X	X	.	X	.	.	.
54832	06585	41°S	164°W	X	X	X	.	X	.	.	X
54833	06586	44°S	144°W	X	X	X	.	X	.	.	X
54834	06583	37°S	153°W	X	X	X	.	X	.	.	X
54835	06731	39°S	156°W	.	X	X	.	X	.	.	.
54836	05128	35°S	170°W	.	X	X	.	X	.	.	.
54837	05135	31°S	158°W	.	X	X	.	X	.	.	.
54838	08823	45°S	167°W	.	X	X	.	X	.	.	.
54839	12312	43°S	161°W	.	X	X	.	X	.	.	.
54840	05120	52°S	175°W	.	X	X	.	X	.	.	.
54842	05122	47°S	169°W	.	X	X	.	X	.	.	.
54843	05134	49°S	153°W	.	X	X	.	X	.	.	.
55802	08843	24°S	050°E	.	X	X	.	X	.	.	.
55803	05136	59°S	159°W	.	X	X	.	X	.	.	.
56827	09221	63°S	168°E	.	*	X	.	*	.	.	.
56832	09219	09°S	110°E	.	X	X	.	X	.	.	.

* Sensor/system failure

5. ARGOS service

5.1 ARGOS monthly status report

As at 5 May 1991 the Argos service was handling reports from 628 drifting buoys, 129 moored buoys, 2 balloons, 25 ships, 114 animal trackings, 400 fixed stations, 244 boats and 26 miscellaneous platforms. DRIBU reports from 78 drifting buoys and BATHY reports from 26 selected ships were transmitted to the RTH Paris and DRIBU reports from 242 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	56001	04873
	56501	02934
	56502	02936
	56503	08035
	56504	08036
	56505	08037
	56546	02951
	56547	04870
	56548	04871
	56549	04872
	9VBZ*	09195
	9VUU*	09190
	9VWM*	09187
	GYSA*	09189
	GYSE*	09199
	S6FK*	09193
	VJBQ*	09196
	VJDP*	09198

* PTT's transmitting at irregular intervals

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>	
Canada	21551	01314	
	21552	01315	
	21553	01316	
	44635	08666	
	44754	01055	
	44755	03319	
	44756	03320	
	44757	04762	
	44758	08648	
	46644	01198	
	46645	01199	
	46646	01310	
	46649	01313	
	46650	01424	
	46655	01429	
	46657	08093	
	47531	05218	
	47542	05217	
	47559	04004	
	France	13531	05832
		44610	10102
		62513	05829
		62516	05833
		62518	10104
		64516	05796
		A3BZ*	04709
		C6HL*	04705
DIDA*		08742	
ELEH*		08746	
ELIS*		04716	
FITA*		04723	
FNCZ*		08744	
FNGB*		04733	
FNGS*		04707	
FNJT*		04722	
FNOM*		04701	
FNQB*		04726	
FNZP*		04719	
FNZQ*		04703	
FPYO*		04729	
GTIA*		04712	
HPEW*		04720	
ZDBE*		04718	

- PFT's transmitting at irregular intervals

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>	
Germany	71524	03315	
	71543	08055	
	71544	08062	
	71545	09353	
	71546	09354	
	71548	09360	
	Japan	52060	08718
		62551+	12001
62552+		12020	
62553+		12025	
62554+		12035	
62555+		12039	
62556+		12042	
62557+		12048	
62558+		12056	
62560+		12002	
62561+		12018	
62563+		12031	
62564+		12045	
62565+		12047	
62566+		12050	
62567+		12004	
62568+		12005	
62570+		12022	
62571+		12024	
62572+		12030	
62573+		12033	
62574+		12037	
62576+		12040	
62577+		12046	
62578+		12049	
62579+		12053	
62583+		12007	
62584+		12023	
62585+		12027	
62586+		12029	
Netherlands		44613	04179

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

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>	
New Zealand	55579	06435	
	55582	07175	
	55583	07179	
	55584	07178	
	55585	07177	
	55586	07176	
Norway	17001	01591	
	17003	01758	
	62694	03670	
	63002	09407	
	65591	06666	
	74001	09405	
South Africa**	17524	09099	
	17527	09087	
	17528	08260	
	17529	09088	
	17533	09091	
	17534	14055	
	17535	14056	
	33021	09085	
	United Kingdom	62608	03919
		62803	06299
62804		06305	
62805		06285	
64043		06271	
United States of America		14803	08844
	14804	08845	
	16807	05133	
	16808	05127	
	17803+	05571	
	17804	12300	
	17805	12304	
	17806	12306	
	17809	05125	
	17810	05126	
	17825	05129	
	25537	12805	

+ PTT's which were removed from 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)	31502	09844
	32316+	06370
	32317+	06519
	32318+	06371
	32512	11920
	32513	11910
	32514	10836
	32515	11898
	32516	11927
	32517	15093
	32518	15091
	32519	11905
	32522	10808
	32523	10809
	32525	11192
	32528+	10820
	32529	11194
	32531	10812
	32532	11897
	32537	10839
	32538	11172
	32540	11904
	32543	11015
	32544	11908
	32545	10849
	32546	11160
	32549	11163
	32550	11894
	32552	11195
	32553	10841
	32554	10840
	32558	09276
	32560	11572
	33301	12310
	33509	12307
	33510	12308
	32825	12301
	33826	12296
	33827	12297
	33828	12298
	33830	12305
	41513	09853
	42525+	07494
	43501	11919
	43502	11168
	43503	11926
	43504	11198
	43508	11171

+ 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)	43510	11628	
	44507	04566	
	44508	09171	
	44509	09165	
		44510+	09176
		44518	09841
		44520	09856
		44523	12772
		44530	12770
		44534	12771
		44535	12732
		44536	12730
		44537	12731
		44538	12762
		44539	12733
		44541	12763
		44542	12764
		44543	12765
		44544	12766
		44545	12767
		44551	12453
		46510	12672
		46512	12691
		47601	12785
		47603+	12809
		48518	12800
		48519	12783
		48520	12801
		48554	12802
		48555	12806
		48556+	12807
		48557	12808
		51006+	06521
		51007+	06475
		51008+	06518
		51014+	06517
		51510	11671
		51511	06883
		51512	15089
		51513	11663
		51514	11675
		51516	09274
		51517	11676
	51518	15077	
	51519	11646	
	51520	11653	
	51801	11197	
	51802	11915	

+ 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)	51803	11912
	51804	15092
	51806	09279
	51807	15094
	51808	15085
	51809	11576
	51810	15087
	51811	11644
	51812	15079
	51813	11569
	51814	11682
	51816	11620
	51817	11655
	51818	11630
	51819	11645
	51820	11687
	51821	11690
	51822	11870
	51823	15095
	51824	11685
	51825	11686
	51826	11578
	51827	11688
	51828	11695
	51829	11202
	51830	15088
	51831	11689
	51832	11691
	51833	11872
	51834	11170
	51835	09271
	51836	09270
	51837	15096
	51839	11700
	51840	15090
	51841	15098
	51842	11702
	51843	11703
	51844	09275
	51846	11692
	51847	11706
	51849	15097
	51850	11662
	51853	11694
	51855	11705
	51856	15082
	51857	11667
	51858	11668

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>
United States of America (continued)	51861	15099
	51862	11670
	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
	52001+	06799
	52003+	12522
	52004+	12523
	52006+	12525
	52051	09272
	52052	09278
	52301+	06514
	52528+	12499
	52813	10835
	52827	10823
	52847+	11191
	52854	11626
	52866	11887
	52867	11893
	52868	11876
	52872	11890
	52875	11896
	52877	11883
	52878	11885
	53501	11255
	53502	12498
	53503	12480
	53809	11886
	54829	06762
	54830	06763

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

<u>Operating country</u>	<u>WMO Identifier/call sign</u>	<u>Argos Identifier</u>
United States of America (continued)	54831	06764
	54832+	06585
	54833+	06586
	54834+	06583
	54835	06731
	54836	05128
	54837	05135
	54838	08823
	54839	12312
	54840	05120
	54841	05121
	54842	05122
	54843	05134
	55802	08843
	55803	05136
	56827	09221
	56832	09219
	64581	12804
	65503+	12803

+ PTT's which were removed from GTS during the 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: May 1991

A. GTS regulatory or guidance material

3. Amendments to the Manual on the Global Telecommunication System

Recommendations adopted by CBS Ext. (90)

At its extraordinary session (London, 24 September - 5 October 1990), CBS adopted three recommendations for amendment to the Manual on the GTS. Volume I, Parts I, II and III respectively.

The recommendation relating to Part I, with effect from 1 September 1991, includes a revision of paragraphs 1 to 3. It also includes provisions for the global exchange of Parts A, B, C and D of TEMP, PILOT, TEMP SHIP, PILOT SHIP, TEMP MOBIL and PILOT MOBIL, as well as new procedures for the annual global monitoring (see also WMO letter W/SY/T.9 (PR. 4569) dated 15 January 1991).

The recommendations relating to Part II and III, with effect from 1 November 1991, include provisions to delete the groups CLLLL and CFFFF from the starting line of the meteorological messages. They also include amendments to the allocation of abbreviated headings, in particular to the tables A, B1, B2, C3, C5 and D, and provisions to add new tables relating to messages in bit-oriented code forms. The other amendments are related to the introduction of virtual calls (VC) services in the network layer and of a limit of length of 15000 octets for messages in bit-oriented code forms, to the detection and cancellation of duplicated messages, to the use of groups GGgg and ii of the abbreviated heading, and to the use of CCITT group 4 standard for coded digital fax.

The three recommendations were approved by the forty-third session of the Executive Council (Geneva, May 1991).

C. Information on the operation of the GTS

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

1.3 Changes to bulletins

Notification from the United Kingdom that with effect from 1200 UTC 31 May 1991, station 03840 will replace 03839 in bulletins SMUK01 EGRR, SIUK21 EGRR, SNUK21 EGRR.

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

2.3 Changes in schedules/technical specifications

I-iii Dakar radio-facsimile broadcast effective 1 March 1991 delete CVY 41 (0000-2400)
7587,5 kHz 5 kW

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

Date: May 1991

C. Information on the operation of Marine Meteorological Services

1. Broadcasts for shipping and other Marine activities (Publication No. 9. Volume D. Part A)

1.3 Changes in schedules/technical specifications

Aii-I Dakar radio-facsimile broadcast effective 1 March 1991 delete CVY 41 (0000-2400)
7587,5 kHz 5 kW