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GENEVA, 30 April 1992

Annexes: 4

Subject: Monthly letter on the operation of the World Weather Watch (WWW) and Marine Meteorological Services (MMS) – April 1992

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

- A. Changes in the allocation of stations index numbers**
- B. Changes in global or regional components of WWW plan**
 - 1. Basic synoptic networks
 - 1.1 New stations
 - 1.2 Deleted stations

To: Permanent Representatives (or Directors of Meteorological or Hydro-meteorological Services) of Members of WMO (PR-4737)
Directors of Meteorological Services of non-Member countries (MC-2465)
Presidents and Vice-Presidents of Regional Associations (P.RA-1290)
Presidents and Vice-Presidents of Technical Commissions (P.TC-1407)
Chairmen of CBS Working Groups
Secretary-General of ICAO
Director-General of IATA
Secretary of IOC
Director-General of ASECNA
Director of ECMWF

ANNEX I – Global Observing System (cont.)

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

1. Publication No. 9, Volume A - Stations
 - 1.3 Changes to existing stations
4. Automatic marine stations
 - 4.1 Canada
 - 4.1.1 Moored Buoys
 - 4.1.2 Drifting Buoys
 - 4.2 United States of America
 - 4.2.1 Moored Buoys
 - 4.2.2 Drifting Buoys
 - 4.3 France
5. ARGOS service
 - 5.1 ARGOS monthly status report
7. Feed-back from Members to the Secretariat on any changes in the observing network

ANNEX II – Global Data-processing System

B. Information on the operational status of GDPS including changes to WMO Publication No. 9, Volume B

5. List of radiosonde stations for verification of NWP

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
 - 1.5 Bulletins for oceanographic data
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

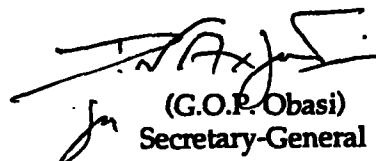
C. Information on the operation of Marine Meteorological Services

1. Broadcasts for shipping and other marine activities (Publication No. 9, Volume D, Part A)
 - 1.3 Changes in schedules/technical specifications
2. Marine meteorological services available for main ports (Publication No. 9, Volume D, Part C1)

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 7, "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: April 1992

A GOS regulatory or guidance material

1. Changes in the allocation of station index numbers

The President of Regional Association VI has approved the allocation to Finland of the additional range of station index numbers 700-790 within block 02 .

The Finnish Meteorological Institute is planning a reorganization of station index numbers which will become effective on 1 July 1993.

B. Changes in global or regional components of WWW plan

1. Basic synoptic networks

1.1 New stations

Index No.	Name	Latitude	Longitude	Elevation		Pressure Level	Surface observations								Obs. H Obs. S	Upper-air				Re- marks	
				HP	H/HA		00	03	06	09	12	15	18	21		00	06	12	18		
06270	LEEWARDEN	53° 13 'N	05° 45 'E	2	0		X	X	X	X	X	X	X	X	X	H0024	.	.	.	.
06290	TWENTE	52° 16 'N	06° 54 'E	36	36		X	X	X	X	X	X	X	X	X	H0024	.	P	P	.	
06375	VOLKEL	51° 39 'N	05° 42 'E	21	20		X	X	X	X	X	X	X	X	X	H0024	.	.	.	.

1.2 Deleted stations

Index No.	Name
06280 06344 06380	EELDE ROTTERDAM ZUID-LIMBURG

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

1. Publication No. 9, Volume A - Stations

1.3 Changes to existing stations

Index No.	Name	Surface observations								Obs. H Obs. S	Upper-air				Re- marks
		00	03	06	09	12	15	18	21		00	06	12	18	
40255	IRBID	X	X	X	X	X	X	X	X		.	.	.	.
40265	MAFRAQ	X	X	X	X	X	X	X	X		RW	.	.	.	
40270	AMMAN AIRPORT	X	X	X	X	X	X	X	X		.	.	.	.
40310	MA'AN	X	X	X	X	X	X	X	X		.	.	.	.
70266	FORT GREELY, AK	.	.	.	.	.	.	.	.		RW	.	RW	RW	

4.1.1 Moored Buoys (continued)

- Great Lakes:

WMO buoy Identifier	ARGOS Identifier	Position: 4 March 1992		Observed or technical parameters									
		Latitude	Longitude	1	2	3	4	5	6	7	8		
45135#	N/A	44°42'N	75°31'W	.	.	.	.	.	.	.	.	.	.
45137#	N/A	45°20'N	80°02'W	X	X	X	X	.	.	.	.	.	.
45132#	N/A	42°06'N	83°07'W	X	X	X	X	.	.	.	.	.	.

Winter land station

4.1.2 Drifting Buoys

- North-east Pacific Ocean:

WMO buoy Identifier	ARGOS Identifier	Position: 4 March 1992		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
46632	12511	39°18'N	127°12'W	.	X	X	X	X	.	.	.	X
46681	07135	52°42'N	166°18'W	.	X	X	X	X	.	.	.	X
46682	07136	44°24'N	150°30'W	.	X	X	X	X	.	.	.	X
46684	07137	42°36'N	154°18'W	.	X	.	.	X	.	.	.	X
46687	07138	30°06'N	145°36'W	.	X	X	X	X	.	.	.	X
46692	07139	50°30'N	131°36'W	.	.	X	X	X	.	.	.	X
46704	07128	40°36'N	125°30'W	.	X	X	X	X	.	.	.	X
46706	07130	29°30'N	132°12'W	.	X	X	X	X	.	.	.	X
46708	07132	51°00'N	149°18'W	.	X	X	X	X	.	.	.	X
46699	07146	50°36'N	155°00'W	.	X	X	X	X	.	.	.	X

- Arctic Icepack:

WMO buoy Identifier	ARGOS Identifier	Position: 2 March 1992		Observed or technical parameters									
		Latitude	Longitude	1	2	3	4	5	6	7	8		
NIL	-	-	-										

4.2 United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the April 1992 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 DRIFTER code.

Legend - Observed or technical parameters

Column	Parameters	Column	Parameters
1	Wind direction and speed	5	Sea-surface temperature
2	Air temperature	6	Wave period and height
3	Air pressure	7	Wave spectra
4	Pressure tendency	8	Peak wind gust

4.2.1 Moored Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 2-9 April 1992		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
32302		18°00'S	85°06'W	X	X	X	X	X	X	X	X
41001**		34°54'N	73°00'W	X	X	X	X	X	X	X	X
41002**		32°18'N	75°12'W	*	*	*	*	*	*	*	*
41006**		29°18'N	77°24'W	X	X	X	X	X	X	X	X
41008		30°42'N	81°06'W	X	X	X	X	X	X	X	X
41009		28°30'N	80°12'W	X	X	X	X	X	X	X	X
41010		28°54'N	78°30'W	X	X	X	X	X	X	X	X
42001**		25°54'N	89°42'W	X	X	X	X	X	X	X	X
42002**		25°54'N	93°36'W	X	X	X	X	X	X	X	X
42003**		25°54'N	85°54'W	X	X	X	X	X	X	X	X
42007		30°06'N	88°48'W	*	*	*	*	*	*	*	*
42019		27°54'N	95°00'W	X	X	X	X	X	X	X	X
42020		27°00'N	96°30'W	X	X	X	X	X	X	X	X
42025		24°54'N	80°24'W	.	*	.	X	X	X	X	X
44004**		38°30'N	70°42'W	X	X	X	X	X	X	X	X
44005**		42°36'N	68°36'W	X	X	X	X	X	X	X	X
44007**		43°30'N	70°06'W	X	X	X	X	X	X	X	X
44008**		40°30'N	69°24'W	X	X	X	X	X	X	X	X
44009**		38°24'N	74°42'W	X	X	X	X	X	X	X	X
44011**		41°06'N	66°36'W	X	X	X	X	X	X	X	X
44012**		38°48'N	74°36'W	X	X	X	X	X	X	X	X
44013**		42°24'N	70°48'W	X	X	X	X	X	X	X	X
44014		36°36'N	74°48'W	X	X	X	X	X	X	X	X
44025		40°18'N	73°12'W	X	X	X	X	X	X	X	X
45001**		48°00'N	87°48'W	X	X	X	X	X	X	X	X
45002**		45°18'N	86°24'W	X	X	X	X	X	X	X	X
45003**		45°18'N	82°42'W	X	X	X	X	X	X	X	X
45004**		47°30'N	86°30'W	X	X	X	X	X	X	X	X
45005**		41°42'N	82°24'W	X	X	X	X	X	X	X	X
45006**		47°18'N	89°54'W	X	X	X	X	X	X	X	X
45007**		42°42'N	87°06'W	X	X	X	X	X	X	X	X
45008**		44°18'N	82°24'W	X	X	X	X	X	X	X	X
46001**		56°18'N	148°18'W	X	X	X	X	X	X	X	X
46002**		42°30'N	130°18'W	X	X	X	X	X	X	X	X
46003**		51°54'N	155°54'W	X	X	X	X	X	X	X	X
46005**		46°06'N	131°00'W	X	X	X	X	X	X	X	X
46006**		40°48'N	137°42'W	*	*	*	*	*	*	*	*
46011		34°54'N	120°54'W	X	X	X	X	X	X	X	X
46012		37°24'N	122°42'W	X	X	X	X	X	X	X	X
46013		38°12'N	123°18'W	X	X	X	X	X	X	X	X
46014		39°12'N	124°00'W	*	*	*	*	*	*	*	*
46022		40°42'N	124°30'W	X	X	X	X	X	X	X	X
46023		34°18'N	120°42'W	X	X	X	X	X	X	X	X
46025		33°42'N	119°06'W	X	X	X	X	X	X	X	X
46026**		37°42'N	122°42'W	X	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	*	*	*	*	*	*	*	*
46029**		46°12'N	124°12'W	X	X	X	X	X	X	X	X

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

• Sensor / system failure.

4.2.1 Moored Buoys (continued)

WMO buoy Identifier	ARGOS Identifier	Position: 2-9 April 1992		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
46030		40°24'N	124°30'W	*	*	*	*	*	*	*	*	*
46035		57°00'N	177°42'W	X	X	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	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	X	
46047		32°42'N	119°36'W	*	*	*	*	*	*	*	*	
46048		32°54'N	117°54'W	X	X	X	X	X	X	X	X	
46050		44°36'N	124°30'W	X	X	X	X	X	X	X	X	
46051		34°30'N	120°42'W	X	X	X	X	X	X	X	X	
51001**		23°24'N	162°18'W	X	X	X	X	X	X	X	X	
51002**		17°12'N	157°48'W	X	X	X	X	*	X	X	X	
51003**		19°18'N	160°48'W	X	X	X	X	X	X	X	X	
51004**		17°24'N	152°30'W	X	X	X	X	X	X	X	X	
52009		13°42'N	144°42'E	X	X	X	X	X	X	X	X	

4.2.2 Drifting Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 8-9 April 1992		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
16807	05133	52°S	110°E	.	X	X	.	X	.	.	.
16810	12309	51°S	035°E	.	X	X	.	X	.	.	.
17804	12300	26°S	098°E	.	*	X	.	X	.	.	.
17805	12304	20°S	068°E	.	*	X	.	X	.	.	.
17809	05125	32°S	054°E	.	X	X	.	X	.	.	.
17811	05569	40°S	025°E	.	*	X	.	X	.	.	.
17812	01981	57°S	018°E	.	X	X	.	X	.	.	.
17813	01978	54°S	029°E	.	X	X	.	X	.	.	.
17814	01968	48°S	029°E	.	X	X	.	X	.	.	.
17815	01965	38°S	012°E	.	X	X	.	X	.	.	.
17825	05129	36°S	068°E	.	X	X	.	X	.	.	.
33509	12307	36°S	028°E	.	X	X	.	X	.	.	.
33510	12308	42°S	081°E	.	X	X	.	X	.	.	.
33827	12297	46°S	155°E	.	X	X	.	X	.	.	.
33828	12298	31°S	093°E	.	X	X	.	X	.	.	.
33831	01967	43°S	001°W	.	X	X	.	X	.	.	.
53822	05132	10°S	108°E	.	X	X	.	X	.	.	.
54833	06586	45°S	136°W	X	X	X	.	X	.	.	X
54835	06731	37°S	135°W	.	X	X	.	X	.	.	.
54836	05128	32°S	155°W	.	X	X	.	X	.	.	.
54837	05135	27°S	165°W	.	X	X	.	X	.	.	.
54838	08823	43°S	143°W	.	X	X	.	X	.	.	.
54839	12312	40°S	137°W	.	X	X	.	X	.	.	.
54840	05120	52°S	119°W	.	X	X	.	X	.	.	.
54842	05122	50°S	138°W	.	X	X	.	X	.	.	.
54843	05134	46°S	124°W	.	X	X	.	X	.	.	.
54844	05123	48°S	117°W	.	X	X	.	X	.	.	.
55803	05136	53°S	085°W	.	X	X	.	X	.	.	.

• Sensor / system failure.

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

4.2.2 Drifting Buoys (continued)

WMO buoy Identifier	ARGOS Identifier	Position: 8-9 April 1992		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
56801	05130	15°S	120°E	.	X	X	.	X	.	.	.
56835	12291	27°S	086°E	.	X	X	.	X	.	.	.
56836	12293	30°S	097°E	.	X	X	.	X	.	.	.
56837	05116	06°S	107°E	.	*	X	.	.	.	.	.
56838	12294	17°S	082°E	.	X	X	.	X	.	.	.
56839	05124	28°S	086°E	.	X	X	.	X	.	.	.
56840	12292	54°S	076°E	.	*	X	.	X	.	.	.
74801	01980	72°S	044°W	.	X	X	.	*	.	.	.
74802	01983	69°S	018°W	.	X	X	.	X	.	.	.
74803	01966	62°S	007°E	.	X	X	.	X	.	.	.

- * Sensor / system failure.

4.3 France

List of buoys operated by France from which reports were transmitted into the GTS by the Centre for Marine Meteorology of Météo-France during March 1992, under the following abbreviated headings:

SSVX51 LFPW North Atlantic
SSVX55 LFPW Equatorial Pacific

	WMO buoy Identifier	ARGOS Identifier
North Atlantic (SSVX51)	62501	10115
	62505	14412
	62506	10119
Programme TOGA: Equatorial Pacific (SSVX55)	51890	01620
	51891	01621
	51898	12093
	52881	01626
	52882	06650
	52883	06651

5. ARGOS service

5.1 ARGOS monthly status report

As at 1 April 1992 the ARGOS service was handling reports from 893 drifting buoys, 238 moored buoys, 1 balloon, 36 ships, 194 animal trackings, 404 fixed stations, 119 boats and 87 miscellaneous platforms. DRIFTER reports from 67 drifting buoys and BATHY reports from 40 selected ships were transmitted to the RTH Paris and DRIFTER reports from 399 drifting and moored buoys (including ATLAS 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:

5.1 ARGOS monthly status report (cont.)

Operating country	WMO Identifier/ Call sign	ARGOS Identifier	
Australia	55512	00416	
	55513	00421	
	55514	00413	
	55515	00415	
	55516	00417	
	56001	04873	
	56501	02934	
	56503	08035	
	56504	08036	
	56505	08037	
	56506	04875	
	56507	04876	
	56508	04877	
	56548	04871	
	56549	04872	
	9VBZ *	09194	
	9VUU *	09190	
	9VWM *	09191	
	CSIR *	09196	
	GYRW *	09197	
	GYSA *	09189	
	GYSE *	09199	
	LAB1 *	09187	
	LAB3 *	09195	
	S6FK *	09193	
	VJBQ *	09192	
	VJDI *	09188	
	VJDP *	09198	
	Canada	21551	01333
		21552	01315
		21553	01332
		44682	01057
		44684	03321
44685		10054	
44686		10056	
44687		04758	
44688		04759	
44689		04760	
44690		01052	
44691		04763	
44692		08647	
44693		08649	
44694		10053	
46643		01185	
46644		01198	
46645		01199	
46646		01186	
46647		01187	

Operating country	WMO Identifier/ Call sign	ARGOS Identifier	
Canada (continued)	46648	01188	
	46651	01318	
	46652	01319	
	46655	01334	
	47554	02469	
	47558	11249	
	47559	04004	
	France	13531 +	05832
		44601	10103
		62501	10115
		62502	10106
		62503	05834
62514		05831	
71091		05895	
3BBA *		04713	
3EKW *		08748	
C6HL *		04709	
C6IO *		04710	
DIDA *		08742	
ELEH *		08747	
ELIL *		04719	
ELIS *		04703	
FH62 *		04727	
FNCZ *		08744	
FNGB *		04733	
FNGS *		04707	
FNJT *		04724	
FNOM *		04701	
FNPA *		04706	
FNQB *		04726	
FNZO *	08739		
FNZP *	04715		
FNZQ *	04711		
FPYO *	04729		
FUHH *	04728		
FWQP *	08746		
GQEK *	04708		
HPEW *	04720		
REPO *	04705		
ZDAZ *	04714		
ZDBE *	04718		
Germany	48601	11240	
	48602	11241	
	48604	11243	
	48605	11244	

+ PTT's which were removed from GTS during the month
 * PTT's transmitting at irregular intervals

5.1 ARGOS monthly status report (cont.)

Operating country	WMO Identifier/ Call sign	ARGOS Identifier	Operating country	WMO Identifier/ Call sign	ARGOS Identifier
Germany (continued)	48606	11245	United States of America	12505	14652
	48607	11246		13003	13227
	71042	03317		13004 +	11019
	71524	03315		13005	01647
	71545	09353		13006	01658
	71546	09354		13901	14455
	71547	09355		13902	14456
	71549	09361		13903	14457
	71550	09356		13904	14445
	71551	09357		13905	14447
	71553	09359		13906	14460
				13907	14461
	Netherlands	44761		06669	13908	14462
64611		08521	13909 +	14463	
64612		08522	13911	14448	
64613		08523	13912	14449	
64614		08524	13913	14450	
			13914	14452	
			13917	14440	
New Zealand	55580	06439	13918	14441	
	55582	07175			
	55583 +	07179	13919	14442	
	55584	07178	13920	14443	
	55585	07177	13921	14444	
	55586	07176	14464	14464	
			14804	08845	
Norway	17001	01591	15103	15103	
	17003	01758	15700	15700	
	63531	03704	16807	05133	
	65591	06666	16809 +	12314	
	65592 +	03039	16810	12309	
	65593 +	03038	17804	12300	
	65594	09308	17805	12304	
	74001	09406	17809	05125	
			17811	05569	
			17812	01981	
South Africa**	14523	06730	17813	01978	
	17522	14063	17814	01968	
	17523	14065	17815	01965	
	17525	14064	17825	05129	
	17526	14067	21524	12701	
	17536	14066	21525 +	12711	
	33021	09087	21530	14292	
			21532	12696	
United Kingdom	62695 +	01250	21533	12695	
	62696	01251	21573	04648	
	62805	06285	21574	14290	
	64043	06271	21575	14594	
			21576 +	14595	

+ 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

5.1 ARGOS monthly status report (cont.)

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	21577	14596
	21901	15537
	21902	15536
	22901	14980
	22902 +	14981
	22905	14972
	22906 +	14984
	23502	14661
	23503	14601
	23505	14598
23511	14624	
23514	01723	
23515	01725	
23516	01726	
23518	02048	
23519	02049	
25537	12805	
31502	09844	
32316	06799	
32317	15808	
32318	12522	
32439	15604	
32512	11920	
32513	11917	
32514	11948	
32515	15648	
32516	11927	
32517	15093	
32518	15091	
32519	11905	
32520	15649	
32521	15651	
32522	15598	
32523	10809	
32524	15695	
32525	11192	
32526	15696	
32527	15697	
32529	15028	
32530	15699	
32531	15011	
32532	11897	
32533	15017	
32534	15018	
32535	15025	
32536	15026	
32538	15602	
32540	11904	
32541	15595	
32542	15596	
32544	11908	
32546	11160	

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	32547	15597
	32548	15599
	32549	11163
	32551	15600
	32552	11195
	32553	15603
	32554	15601
	32555	15625
	32556	11934
	32557	15626
32558	09276	
32559	15627	
33509	12307	
33510	12308	
33511	12302	
33826	12296	
33827	12297	
33828	12298	
33831	01967	
34901	15123	
34902	15125	
41501	14663	
41502	14664	
41520	14643	
43001	06473	
43501	11919	
43503	15656	
43504	11198	
43505	15657	
43506	15698	
44513 +	04645	
44514	04646	
44559	15138	
44560	15142	
46508	06097	
46509	06098	
46510	06114	
46512	06120	
46513	06185	
46531	15618	
46532	15615	
46533	15619	
46534	15624	
46535	15607	
46536	15609	
46537	15612	
46538	15613	
46539	15622	
46540 +	15605	
46541	15643	
46542	15639	
46543	15642	

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

5.1 ARGOS monthly status report (cont.)

Operating country	WMO Identifier/ Call sign	ARGOS Identifier	Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	46544	15637	United States of America (continued)	51817	15617
	46545	15640		51818	15110
	46546	15641		51819	15116
	46547	15070		51820	15122
	46548	15075		51821	11690
	46549	15076		51822	11870
	46550	01135		51823	03223
	46901	15655		51825 +	15620
	48518	12800		51827	11688
	48520	12801		51828	15015
	48554	12802		51829	11202
	48555	12806		51830	15088
	48557	12808		51833	11872
	51006	06798		51834 +	15124
	51007	15814		51835	09271
	51009	15811		51836	09270
	51011	12529		51837	15621
	51014	06521		51839	11700
	51015	15810		51840	15090
	51016	15812		51841	11950
	51017	12527		51842	11702
	51018	15809		51843	11703
	51019	06475		51844	09275
	51020	06518		51845	15107
	51022	04592		51846	11692
	51023	06517		51847	15027
	51302	04593		51849	15097
	51502	02051		51850	15608
	51504	14648		51853	15610
	51506	14291		51855	11705
	51510	15042		51856	15082
	51511	15117		51857	11667
	51512	15089		51858	15611
51513	11663	51859	15606		
51514	02432	51861	15099		
51515	14432	51862	11670		
51516	11949	51863	15636		
51517	11676	51865	15638		
51518	15077	51866	15644		
51519	02437	51867	15645		
51520	03117	51869	11674		
51801	14433	51870	11679		
51803	15593	51871	15646		
51804	14434	51872	11696		
51805	15106	51873	11699		
51807	15094	51875	11704		
51809	14435	51876	11683		
51811	15653	51877	15073		
51812	15654	51878	15072		
51813	11924	51879	15074		
51814	11946	51880	15078		
51816	15616	51881	15080		

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

5.1 ARGOS monthly status report (cont.)

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	51882	15081
	51883	15083
	51884	15084
	51885	15086
	51901	15658
	51902	15671
	51903	15672
	51905	15674
	52001	12526
	52002	06476
	52003	12524
	52004	12528
	52006	06519
	52007	06797
	52008	06795
	52012	06471
	52302	12525
	52506	15031
	52507	15037
	52508	15104
	52509	15109
	52510	11939
	52511	11943
	52512	15023
	52513	15661
	52514	15040
	52515	15041
	52517	15108
	52518	15114
	52520	15121
	52616	15021
	52801	15035
	52803	15029
	52804	15051
	52805	15012
	52807	09278
	52808	15666
	52809	15016
	52810	15701
	52811	15111
	52812	15126
	52814	15659
	52815	15660
	52816	15664
	52817	15665
	52818	15670
	52826	15668
	52827	15663
	52828	15669
	52866	11887
	52868	11876
	52872	11890

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	52877	11883
	53801	11940
	53802 +	14965
	53804	14979
	53806	14991
	53808	11942
	53809	11886
	53822	05132
	54829	06762
	54830	06763
	54833	06586
	54835	06731
	54836	05128
	54837	05135
	54838	08823
	54839	12312
	54840	05120
	54842	05122
	54843	05134
	54844	05123
	54846+	01969
	54901	15049
	54902	15115
	54903	15118
	54904	15020
	54905	15024
	54906	15032
	54907	15044
	54908	15129
	54909	15120
	54910	15033
	54911	15036
	54912	15101
	54913	15112
	54914	15119
	54916	15630
	54917	15631
	54918	15632
	54919	15634
	54920	15633
	55601	01123
	55803	05136
	56835	12291
	56836	12293
	56837	05116
	56838	12294
	56839	05124
	56840	12292
	61523	14589
	61525	14662
	61526	14631
	61528	14654

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

5.1 ARGOS monthly status report (cont.)

Operating country	WMO Identifier/ Call sign	ARGOS Identifier	Operating country	WMO Identifier/ Call sign	ARGOS Identifier	
United States of America (continued)	61529	14617	ATLAS BUOYS (continued)	51015	15810	
	61530	14633		51016	15812	
	61531	14656		51017	12527	
	61532	01724		51018	15809	
	71561	01430		51019	06475	
	71562	01431		51020	06518	
	71563	01432		51021	04594	
	71564	01433		51022	04592	
	73656	01124		51023	06517	
	74801	01980		51302	04593	
	74802	01983		51303	06474	
	74803	01966		51305	06514	
	ATLAS BUOYS	32315		06461	51306	06794
		32316		06799	52001	12526
32317		15808	52002	06476		
32319		06371	52003	12524		
43001		06473	52004	12528		
51006		06798	52006	06519		
51007		15814	52007	06797		
51008		06370	52008	06795		
51009		15811	52010	06460		
51010		04591	52011	06796		
51011		12529	52012	06471		
51014		06521	52302	12525		

7. 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 (Iliii) 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 II - Global Data-processing System

Date: April 1992

B. Information on the operational status of GDPS including changes to WMO Publication No. 9 Volume B

5. List of radiosonde stations for verification of NWP

- *Notification from ECMWF*

Updates to the lists of radiosonde stations to be used in the standardised verification of operational numerical weather prediction products. These updates should be implemented for use as of 1 June 1992.

Remove:	Add:
<u>ASIA (25°N-65°N, 60°E-145°E)</u>	
23552 (on consolidated list of suspect stations)	31088
25394 (on consolidated list of suspect stations)	31510
38457 (on consolidated list of suspect stations)	38392
38613 (on consolidated list of suspect stations)	
51644 (on consolidated list of suspect stations)	
54135 (on consolidated list of suspect stations)	
54161 (on consolidated list of suspect stations)	
54497 (on consolidated list of suspect stations)	
<u>AUSTRALIA/NEW ZEALAND (55°S-10°S, 90°E-180°E)</u>	
91592 (on consolidated list of suspect stations)	None
<u>EUROPE (25°N-70°N, 10°W-28°E)</u>	
12425 (on consolidated list of suspect stations)	02465
15120 (insufficient observations)	03743
<u>NORTH AMERICA (25°N-60°N, 145°W-50°W)</u>	
71848 (station move)	71603
72220 (station move)	71845
	72214
<u>TROPICS (20°S-20°N)</u>	
41344 (insufficient observations)	41114
61291 (on consolidated list of suspect stations)	48601
64500 (insufficient observations)	48615
64910 (insufficient observations)	48657
78641 (insufficient observations)	78384
78762 (insufficient observations)	78397
80241 (insufficient observations)	78866
84628 (insufficient observations)	78954
85201 (on consolidated list of suspect stations)	91413
91941 (insufficient observations)	94150
96163 (on consolidated list of suspect stations)	94294
96935 (on consolidated list of suspect stations)	96413
	96471
	96481

ANNEX III - Global Telecommunication System

Date: April 1992

C. Information on the operation of the GTS

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

1.1 New bulletins

- **Notification from U.S.A.**

As from 15 April 1992 WMC Washington will be generating AMDAR bulletins. The abbreviated headings and their corresponding geographic areas will be as follows:

Heading	Region
UDAC02 KWBC	North of 66.5°N
UDNA02 KWBC	60°W west to 140°W by 10°N to 66.5°N + 80°W west to 140°W by 0° to 10°N
UDNT02 KWBC	20°W west to 60°W by 10°N to 66.5°N
UDPN02 KWBC	140°W west to 140°E by 0° to 66.5°N
UDSA02 KWBC	20°W west to 80°W by 10°N to 60°S
UDXX02 KWBC	140°E west to 20°W by 0° to 66.5°N + 120°E west to 20°W by 0° to 60°S

1.3 Changes to bulletins

- **Notification from Portugal**

As from 1 to 28 June 1992 the Atlantic Stratocumulus Transition Experiment (ASTEX) will take place in the Atlantic region between the islands of Madeira and Santa Maria (Azores). During that period the following bulletins will be transmitted from NMC Lisbon to RTH Paris for insertion into the GTS:

Surface		Upper-Air	
SMPO23	LPMG	USPO02	LPMG
SNPO23	LPMG	UKPO02	LPMG
SIPO23	LPMG	ULPO02	LPMG
SMVF23	LPMG	UEPO02	LPMG
SNVF23	LPMG	USVF02	LPMG
SIVF23	LPMG	UKVF02	LPMG
		ULVF02	LPMG
		UEVF02	LPMG

1.5 Bulletins for oceanographic data

- **France: GTS Bulletin Headers used for GTS distribution of Drifting Buoy data**

Reports in code DRIFTER from meteorological and oceanographic buoys are being transmitted from the Centre for Marine Meteorology of Météo-France, Brest into the GTS in the following meteorological bulletins:

Bulletins are routed to the Service Central d'Exploitation de la Météorologie (SCEM) of Météo-France, Toulouse and actually distributed globally from this source.

T ₁ T ₂ A ₁ A ₂ ii	Approximate region or programme
SSVX51 LFPW	North Atlantic.
SSVX55 LFPW	Equatorial Pacific

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

2.3 Changes in schedules/technical specifications

- **Notification from Germany :**

VI-iii Offenbach /Main Mainflingen, programme 1 (DCF54) radio-facsimile broadcast effective 31 March 1992 new schedule

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

Date: April 1992

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*

- *Notification from Germany :*

Aji-VI Offenbach /Main Mainflingen, programme 1 (DCF54) and Offenbach-Hamburg/Pinneberg (DDH/DDK) radio-facsimile broadcasts for shipping effective 31 March 1992 new schedule

2. Marine meteorological services available for main ports (Publication No. 9, Volume D, Part C₁)

- *Notification from Jamaica:*

Page D-C₁-IV-8, amend entry for (2) and (3) to read:

JAMAICA - JAMAÏQUE (18.III.1992)

(1)	(2)	(3)
Kingston	Ms. C. McDonald Meteorological Division P.O. Box 103 Kingston 10	924 8055

- *Notification from France:*

Page D-C₁-VI-8, amend entry for (1), (2) and (3) to read:

FRENCH ANTILLES - ANTILLES FRANÇAISES (14.IV.1992)

(1)	(2)	(3)
Martinique	Service météorologique, B.P. 379, 97232 Le Lamentin Cedex	(596) 51.14.96
Guadeloupe	Service météorologique, B.P. 285, 97158 Pointe-à-Pitre	(590) 91.26.26