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GENEVA, 30 June 1992

Annexes: 3

Subject: Monthly letter on the operation of the World Weather Watch (WWW) and Marine Meteorological Services (MMS) – June 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. GOS regulatory or guidance material

3. Guidance material on instruments and observing methods

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

4. Automatic marine stations

4.1 Canada

4.1.1 Moored Buoys

4.1.2 Drifting Buoys

To: Permanent Representatives (or Directors of Meteorological or Hydro-meteorological Services) of Members of WMO (PR-4754)
Directors of Meteorological Services of non-Member countries (MC-2467)
Presidents and Vice-Presidents of Regional Associations (P.RA-1293)
Presidents and Vice-Presidents of Technical Commissions (P.TC-1410)
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**
- 4.2 United States of America
 - 4.2.1 Moored Buoys
 - 4.2.2 Drifting Buoys
 - 4.3 France
 - 4.3.2 Drifting Buoys
 - 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 III – Global Telecommunication System

- C. Information on the operation of the GTS**
- 2. Transmission schedules (Publication No. 9, Volume C, Chapter II)
 - 2.3 Changes in schedules/technical specifications
 - 6. Coastal Radio Stations (Publication No. 9, Volume D, Part B)
 - 6.3 Changes to existing stations
- D. Monitoring of the operation of the WWW**

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

- C. Information on the operation of Marine Meteorological Services**
- 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: June 1992

A. GOS regulatory or guidance material

3. Guidance material on instruments and observing methods

- **Notification from the United States of America**

The US National Weather Service will start in July 1992 international transmission of wind profiler data on an hourly basis from the Wind Profiler Demonstration Network in the central part of the United States. The data will be transmitted via the Global Telecommunication Network in Edition 2 of the Binary Universal Form for Data Representation (BUFR). An information package containing manuals on "Principles of wind profiler operation" and "Quality control of wind profiler data" is available to Members on request to the US National Weather Service.

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

1. Publication No. 9. Volume A - Stations

1.1 New stations

Index No.	Name	Latitude	Longitude	Elevation		Pressure Level	Surface observations								Obs. H Obs. S	Upper-air				Remarks
				HP	H/HA		00	03	06	09	12	15	18	21		00	06	12	18	
02183	LJLEA SOL	65° 33 'N	22° 08 'E	-	17		X	X	X	X	X	X	X	X	H00-24	AUT
02229	OSTERSUND SOL	63° 12 'N	14° 30 'E	-	376		X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
02681	VRETA KLOSTER	58° 29 'N	15° 31 'E	-	52		X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
16136	PASSO PORRETTA	44° 01 'N	11° 00 'E	1314	1313	850 hPa	X	X	X	X	X	X	X	H00-24	.	.	.	.
71821	MATAGAMI, QUE.	49° 46 'N	77° 49 'W	281	-		X	.	X	.	X	.	X	
93324	WANGANUI	39° 56 'S	175° 02 'E	-	20		X	.	X	X	.	X	X		.	.	.	.

1.2 Deleted stations

Index No.	Name
43326	KALLAKKURICHCHI

1.3 Changes to existing stations

Index No.	Name	Surface observations								Obs. H Obs. S	Upper-air				Remarks
		00	03	06	09	12	15	18	21		00	06	12	18	
16020	BOLZANO	.	.	.	X	X	X	X	.	H09-18	.	.	.	.
16125	SARZANA/LUNI	.	.	X	X	X	X	X	.	H06-18	.	.	.	.
16164	VOLTERRA	.	.	X	X	X	X	X	.	H06-18	.	.	.	.
16168	MONTE ARGENTARIO	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
16197	M. CALAMITA (formerly ELBA)	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
16204	RADICOFANI	.	.	X	X	X	X	X	.	H06-18	.	.	.	.
16214	CIVITAVECCHIA	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
16216	VITERBO	X	X	X	X	X	X	X	X	H00-24	.	.	.	.

4.1.1 Moored Buoys (continued)

- North-east Pacific Ocean (continued)

WMO buoy Identifier	ARGOS Identifier	Position: 7 May 1992		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
46206	07193	48°50'N	126°00'W	X	X	.	.	X	X	X	.
46207	08677	50°52'N	129°55'W	X	X	X	X	X	X	X	.
46208	07194	52°30'N	132°42'W	X	.	X	X	X	X	X	.
46036	05324	48°18'N	133°51'W	X	X	X	X	X	X	X	.
46146	08678	49°20'N	123°44'W	X	X	X	X	X	X	X	.

- North-west Atlantic Ocean:

WMO buoy Identifier	ARGOS Identifier	Position: 7 May 1992		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
44137	05579	41°12'N	61°08'W	X	X	X	X	X	X	X	.
44138	05577	44°14'N	53°38'W	X	X	X	X	X	X	X	.
44139	03448	44°19'N	57°21'W	X	X	X	X	X	X	X	.
44140	05576	42°44'N	50°36'W	.	X	X	X	X	X	X	.
44141	03449	42°04'N	56°09'W	X	X	X	X	X	X	X	.
44142	05578	42°30'N	64°12'W	X	X	X	X	X	X	X	.

- Great Lakes:

WMO buoy Identifier	ARGOS Identifier	Position: 7 May 1992		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
45135#	N/A	43°47'N	76°53'W	X	X	X	X	X	X	X	.
45137#	N/A	45°33'N	81°01'W	X	X	X	X	X	X	X	.
45132#	N/A	42°28'N	81°13'W	X	X	X	X	X	X	X	.
45139#	N/A	45°16'N	79°33'W	X	X	X	X	X	X	X	.

4.1.2 Drifting Buoys

- North-east Pacific Ocean:

WMO buoy Identifier	ARGOS Identifier	Position: 7 May 1992		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
46632	12511	39°00'N	125°42'W	.	X	X	X	X	.	.	X
46633	12512	48°18'N	161°06'W	.	X	X	X	X	.	.	X
46681	07135	52°06'N	167°30'W	.	X	X	X	X	.	.	X
46682	07136	44°06'N	148°18'W	.	X	X	X	X	.	.	X
46684	07137	42°30'N	141°54'W	.	X	.	.	X	.	.	X
46687	07138	31°06'N	146°00'W	.	X	X	X	X	.	.	X
46692	07139	54°54'N	133°24'W	.	.	X	X	X	.	.	X
46704	07128	41°36'N	129°00'W	.	X	X	X	X	.	.	X
46706	07130	28°42'N	135°00'W	.	X	X	X	X	.	.	X
46708	07132	51°18'N	147°42'W	.	X	X	X	X	.	.	X
46699	07146	52°12'N	152°36'W	.	X	X	X	X	.	.	X

Winter land station

4.1.2 Drifting Buoys (continued)

• Arctic Icepack:

WMO buoy Identifier	ARGOS Identifier	Position: 20 May 1992		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
48523	01107	73°30'N	154°36'W	.	X	X	.	.	.	.	.	.
48566	01836	72°36'N	142°24'W	X	X	X	.	.	.	.	.	.
48567	01837	73°18'N	150°00'W	X	X	X	.	.	.	.	.	.
48568	07100	74°00'N	143°36'W	X	X	X	.	.	.	.	.	.
48569	07101	71°48'N	149°06'W	X	X	X	.	.	.	.	.	.
48571	07103	71°00'N	166°18'W	X	X	X	.	.	.	.	.	.

4.2 United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the May 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: 14-21 May 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	X	X	X	X	X	X	X	X
41006**		29°18'N	77°24'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
41016		24°36'N	76°30'W	X	X	X	X	X	.	.	.
42001**		25°54'N	89°42'W	*	*	*	*	*	*	*	*
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
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

** Primarily for National Weather Service (NWS) support; however, all stations report data to NWS
 • Sensor / system failure

4.2 United States of America (continued)

4.2.1 Moored Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 14-21 May 1992		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
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
46030		40°24'N	124°30'W	*	*	*	*	*	*	*	*
46035		57°00'N	177°42'W	X	X	X	X	X	X	X	X
46040		44°48'N	124°18'W	*	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	X	X	X	X	X	X	X	X
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

* Sensor / system failure

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

4.2.2 Drifting Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 19-21 May 1992		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
16807	05133	56°S	121°E	.	X	X	.	X	.	.	.
16810	12309	53°S	046°E	.	X	X	.	X	.	.	.
17804	12300	26°S	090°E	.	.	X	.	X	.	.	.
17805	12304	19°S	062°E	.	*	X	.	X	.	.	.
17809	05125	33°S	057°E	.	X	X	.	X	.	.	.
17811	05569	31°S	037°E	*	*	X	.	*	.	.	.
17815	01965	36°S	018°E	.	X	X	.	X	.	.	.
17825	05129	34°S	071°E	.	X	X	.	X	.	.	.
33509	12307	39°S	036°E	.	X	X	.	X	.	.	.
33510	12308	40°S	089°E	.	X	X	.	X	.	.	.
33827	12297	45°S	160°E	.	X	X	.	X	.	.	.
33831	01967	42°S	007°W	.	X	X	.	X	.	.	.
54804	01970	49°S	155°W	.	X	X	.	X	.	.	.
54805	01985	47°S	166°W	.	X	X	.	X	.	.	.
54833	06586	45°S	134°W	X	X	X	.	X	.	.	X
54835	06731	38°S	132°W	.	X	.	.	X	.	.	.
54837	05135	26°S	166°W	.	X	X	.	X	.	.	.
54838	08823	43°S	138°W	.	X	X	.	X	.	.	.
54840	05120	54°S	107°W	.	X	X	.	X	.	.	.
54842	05122	51°S	130°W	.	X	X	.	X	.	.	.
54843	05134	46°S	123°W	.	X	X	.	X	.	.	.
54844	05123	48°S	114°W	.	X	X	.	X	.	.	.
55803	05136	51°S	084°W	.	X	X	.	X	.	.	.
56801	05130	14°S	118°E	.	X	X	.	X	.	.	.
56835	12291	26°S	088°E	.	X	X	.	X	.	.	.
56836	12293	31°S	097°E	.	X	X	.	X	.	.	.
56837	05116	16°S	076°E	.	*	X	.	*	.	.	.
56838	12294	16°S	076°E	.	X	X	.	X	.	.	.
56839	05124	27°S	087°E	.	X	X	.	X	.	.	.
56840	12292	53°S	080°E	.	*	X	.	X	.	.	.
74801	01980	71°S	045°W	.	X	X	.	*	.	.	.
74802	01983	65°S	017°W	.	*	X	.	*	.	.	.

* Sensor / system failure.

4.3 France

Data from drifting buoys are collected by the ARGOS system. They are distributed on the GTS in DRIFTER code, either from CLS/ARGOS in Toulouse (heading SSVX01 LFPW), or from the Centre de Météorologie Marine in Brest (headings SSVX51 and SSVX55 LFPW).

Legend - Observed or technical parameters

Column	Parameters	Column	Parameters
1	Wind direction and speed	6	Wave period and height
2	Air temperature	7	Wave spectra
3	Air pressure	8	Peak wind gust
4	Pressure tendency	9	Subsurface temperatures
5	Sea-surface temperature		

4.3.2 Drifting Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 19 June 1992		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	9
13532	15498	35°13'N	21°10'W	X	.	X	X	X	.	.	.	X
13533	15496	34°43'N	20°51'W	X	.	X	X	X	.	.	.	X
44601	10103	51°37'N	20°31'W	.	.	X	X	X	.	.	.	.
51891	01621	01°16'S	166°53'E	.	.	.	.	X	.	.	.	X
52882	06650	01°41'S	158°15'E	.	.	.	.	X	.	.	.	X
52883	06651	12°41'N	145°14'E	.	.	.	.	X	.	.	.	X
62501	10115	41°45'N	16°54'W	.	.	X	X	X	.	.	.	.
62503	05834	46°24'N	11°07'W	.	.	X	X	X	.	.	.	X
62504	05825	45°58'N	08°46'W	.	.	X	X	X	.	.	.	.
62505	14412	42°56'N	11°56'W	X	.	X	X	X	.	.	.	X
62506	10119	31°33'N	19°15'W	.	.	X	X	X	.	.	.	X
62508	15499	34°37'N	21°12'W	X	.	X	X	X	.	.	.	X
62509	10121	35°17'N	21°19'W	X	.	X	X	X	.	.	.	X
62510	15497	35°33'N	22°42'W	X	.	X	X	X	.	.	.	X

5. ARGOS service

5.1 ARGOS monthly status report

As at 4 June 1992 the ARGOS service was handling reports from 904 drifting buoys, 267 moored buoys, 7 balloons, 27 ships, 196 animal trackings, 401 fixed stations, 321 boats and 104 miscellaneous platforms. DRIFTER reports from 66 drifting buoys and BATHY reports from 37 selected ships were transmitted to the RTH Paris and DRIFTER reports from 421 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:

Operating country	WMO Identifier/ Call sign	ARGOS Identifier	Operating country	WMO Identifier/ Call sign	ARGOS Identifier
Australia	55512	00416	Australia	LAB1*	09187
	55513	00421	(continued)	LAB3*	09195
	55514	00413		S6FK*	09193
	55515	00415		VJBQ*	09192
	55516	00417		VJDI*	09188
	56001	04873		VJDP*	09198
	56501	02934		9VWM*	09191
	56503	08035			
	56504	08036	Canada	21551	01333
	56506	04875		21552	01315
	56507	04876		21553	01332
	56508	04877		44684+	03321
	56548	04871		44693	08649
	56549	04872		46643	01185
	9VBZ*	09194		46644	01198
	9VUU*	09190		46647	01187
	CSIR*	09196		46648	01188
	GYRW*	09197		46651	01318
	GYSA*	09189		46652+	01319
	GYSE*	09199		46655+	01334
				47554	02469
				47558	11249

- * 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
Finland	71091	05895	Iceland	65592	03039
France	44601	10103	Netherlands	44761	06669
	62501	10115	New Zealand	55580	06439
	62502	10106		55582	07175
	62503	05834		55584	07178
	62504	05825		55585	07177
	62507+	05794		55586	07176
	C6HL*	04717	Norway	17001	01591
	C6IO*	04710		44760	03038
	DIDA*	08742		63531	03704
	ELEH*	08747		65591	06666
	ELIL*	04719		65594	09308
	ELIS*	04703		74001+	09406
	FH62*	04727		71002	02727
	FNCZ*	08744		71003	09498
	FNCB*	04733		71004	09499
	FNGS*	04707		74002	09405
	FNJT*	04724		74005	09406
	FNOM*	04701	Republic of Korea	22601	02031
	FNPA*	04706		22602	02032
	FNQB*	04726		22603	02033
	FNZO*	08739	South Africa**	14523	06730
	FNZP*	04715		17525	14064
	FNZQ*	04711		33021	09087
	FPYO*	04729	United Kingdom	44762	01253
	FUHH*	04728		44763	01256
	FWQP*	08746		62696	01251
	GQEK*	04708		62805	06285
	HPEW*	04720		64043	06271
	ZDAZ*	04714		64608	01252
	ZDBE*	04718	United States of America	12505	14652
	3BBA*	04713		13005	06873
	3EKW*	08748		13006	13223
Germany	48601	11240		13901	14455
	48602	11241		13902	14456
	48604	11243		13903	14457
	48605	11244		13904	14445
	48606	11245		13905	14447
	48607	11246			
	63661	09361			
	71042	03317			
	71524	03315			
	71545	09353			
	71546	09354			
	71550	09356			
	71551	09357			
	71552	09358			
	71553	09359			

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

* Sensor / system failure

** 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)	13906	14460
	13907	14461
	13908	14462
	13909	08598
	13911	14448
	13912	14449
	13913	14450
	13914	14452
	13917	14440
	13918	14441
	13919	14442
	13920	14443
	13921	14444
	14464	14464
	15103	15103
	15700	15700
	16807	05133
	16810	12309
	17804	12300
	17805	12304
	17809	05125
	17811	05569
	17812	01981
	17814	01968
	17815	01965
	17825	05129
	21523	02268
	21524	02269
	21525	06096
	21530	06115
	21532	12696
	21533	12695
	21573	04648
	21574	14290
	21575	14594
	21901	15537
	21902	15536
	22511	06116
	22514	06110
	22901	14980
	22902	00529
	22903	00530
	22904	00531
	22905	14972
	23516	01726
	23518	02048
	25537	12805
	31502	09844
	32316+	06799
	32317+	15808
	32318+	12522
	32439	15604

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	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
	32528	03224
	32529	15028
	32530	15699
	32531	15011
	32532	11897
	32533	15017
	32534	15018
	32534	15018
	32535	15025
	32536	15026
	32537	03225
	32538	15602
	32540	11904
	32541	15595
	32542	15596
	32543	03567
	32544	11908
	32545	15679
	32546	11160
	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
	33827	12297
	33828	12298
	33831	01967

+ 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)	34901	15123
	34902	15125
	41502+	14664
	41520+	14643
	41902	08594
	41903	08596
	41904	08599
	41905	12320
	42026	00937
	42027	00930
	42028	00932
	42029	00934
	42030	00931
	42031	00936
	42032	00933
	42033	00935
	43001+	06473
	43501	11919
	43503	15656
	43504	11198
	43505	15657
	43506	15698
	44504	09170
	44505	09169
	44506	09163
	44514	04646
	44559	15138
	44904	12321
	44905	12335
	46508	06097
	46509	06098
	46510	06114
	46512	06120
	46513	06185
	46515	01126
	46531	15618
	46532	15615
	46533	15619
	46534	15624
	46535	15607
	46536	15609
	46537	15612
	46538	15613
	46539	15622
	46540	15562
	46541	15643
	46542	15639
	46543	15642
	46544	15637
	46545	15640
	46546	15641
	46547	15070

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	46548	15075
	46549	15076
	46550	01135
	46901	15655
	46902	15563
	46903	15564
	47601	12823
	48518	12800
	48519	12820
	48520	12801
	48554	12802
	48555	12806
	48557	12808
	48558	12821
	48559	12822
	48560	12824
	48561	12825
	48562	12826
	48564	12828
	48565	12829
	51006+	06798
	51007+	15814
	51008+	06370
	51009+	15811
	51010+	04591
	51011+	12529
	51014+	04595
	51015+	15810
	51016+	15812
	51017+	12527
	51018+	15809
	51019+	06475
	51020+	06518
	51021+	04594
	51022+	04592
	51023+	06517
	51025	12878
	51302+	04593
	51303+	06474
	51306+	06794
	51510	15042
	51511	15117
	51512	15089
	51513	11663
	51514	02433
	51515	14432
	51516	11949
	51517	11676
	51518	15077
	51519	02437
	51520	03117
	51801	14433

+ 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)	51802	02434
	51803	15593
	51804	14434
	51805	15106
	51806	03118
	51807+	15094
	51808	02435
	51809	14435
	51810	11956
	51811	15653
	51812	15654
	51813	11924
	51814	11946
	51815	03222
	51816	15616
	51817	15617
	51818	15110
	51820	15122
51821	11690	
	51822	11870
51823	03223	
	51824	02436
	51825	03116
	51826	03119
51827	11688	
	51828	15015
	51829	11202
	51830	15088
51832	11955	
	51833	11872
	51834	11957
	51835	09271
	51836	09270
51837	15621	
	51840	15090
	51841	11950
	51842	11702
51844	09275	
	51845	15107
	51846	11692
	51847	15027
51849	15097	
	51850	15608
	51853	15610
	51855	11705
51856	15082	
	51857	11667
	51858	15611
	51859	15606
51861	15099	
	51862	11670
	51863	15636

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	51865	15638
	51866	15644
	51867	15645
	51869	11674
	51870	11679
	51871	15646
	51872	11696
	51873	11699
	51875	11704
51876	11683	
	51877+	15073
51878	15072	
51879	15074	
	51880	15078
	51881	15080
	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
52011+	06796	
	52012+	06471
52302+	12525	
	52506	15031
	52507	15037
	52508	15104
52509	15109	
	52510	11939
	52512	15023
	52513	15661
52514	15040	
	52515	15041
	52517	15108
	52518	15114
52520	15121	
	52616	15021
	52801	15035
	52802	15662
52803	15029	
	52804	15051
	52805	15012
	52807	09278

+ 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)	52808	15666	United States of America (continued)	54910	15033
	52809	15016		54912	15101
	52810	15701		54913	15112
	52811	15111		54914	15119
	52812	15126		54915	15678
	52814	15659		54916	15630
	52815	15660		54917	15631
	52816	15664		54918	15632
	52817	15665		54919	15634
	52818	15670		54920	15633
	52826	15668		54921	15675
	52827	15663		54922	15682
	52828	15669		54923	15683
	52829	01208		54924	15693
	52830	01210		54925	15694
	52831	01212		55601	01123
	52832	01214		55803	05136
	52833	01215		56801	05130
	52834	01209		56835	12291
	52866	11887		56836	12293
	52868	11876		56837	05116
	52872	11890		56838	12294
	52877	11883		56839	05124
	53501	06111		56840	12292
	53502	06112		61532	01724
	53801	11940		64577+	14315
	53802	01216		64579+	14630
	53808	11942		64580	02052
	53822	05132		71561	01430
	54801	01973		71562	01431
	54802	01993		71563	01432
	54803	01975		71564	01433
	54804	01970		74801	01980
	54805	01985		74802	01983
	54833+	06586		74803	01966
	54911+	15036			
	54835	06731	ATLAS BUOYS	32315	06461
	54836	05128		32316	06799
	54837	05135		32317	15808
	54838	08823		32318	12522
	54840	05120		32319	06371
	54842	05122		43001	06473
	54843	05134		51006	06798
	54844	05123		51007	15814
	54901	15049		51008	06370
	54902	15115		51009	15811
	54903	15118		51010	04591
	54904	15020		51011	12529
	54905	15024		51014	04595
	54907	15044		51015	15810
	54908	15129		51016	15812
	54909	15120		51017	12527

+ 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
ATLAS	51018	15809
BUOYS	51019	06475
(continued)	51020	06518
	51021	04594
	51022	04592
	51023	06517
	51302	04593
	51303	06474
	51306	06794
	52001	12526
	52002	06476
	52003	12524

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
	52004	12528
	52006	06519
	52007	06797
	52008	06795
	52011	06796
	52012	06471
	52301	00776
	52302	00777
	52303	00772
	52304	00775
	52305	00771
	52306	00770
	52307	00774

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 (see Appendix, pages 1 and 2) 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: June 1992

C. Information on the operation of the GTS

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

2.3 Changes in schedules /technical specifications

- **Notification from the Republic of Korea:**

That Seoul radio-facsimile broadcast discontinued satellite data ANAS (Nephanalysis) at 0115, 0715, 1315, 1915 UTC.

6. Coastal Radio Stations (Publication No. 9, Volume D, Part B)

6.3 Changes to existing stations

- **Notification from Sweden**

Page D-B-VI-11: amend entry to read:

1	2	3	4	5	6	7	8	9	10	11	12
ZONE VI - A (Atlantic / Atlantique)											
Göteborg Radio* (a) (1.VI.1992)	Sweden / Suède	57°28'N 11°56'E	SAG	A1A	500	470.5	500	521.5	0000-2400	METEO Norrköping	* Accepts 10-figure groups / Accepte des groupes de 10 chiffres BATHY/TESAC ¹⁾ Ships transmitting frequency or the ships national frequency Fréquence de transmission des navires ou la fréquence nationale des navires.
				H3E	2182		2182		0000-2400		
				J3E	2135	2135 ¹⁾	1710	1710	0600-2200		

Page D-B-VI-39: amend entry to read:

1	2	3	4	5	6	7	8	9	10	11	12
ZONE VI - B (Baltic Sea / Mer Baltique)											
Hämsand Radio* (a) (1.VI.1992)	Sweden / Suède	62°43'N 18°08'E	SAH	A1A	500	454, 458, 468, 480, 484	500	444	0000-2400	METEO Norrköping	* Accepts 10-figure groups / Accepte des groupes de 10 chiffres BATHY/TESAC ¹⁾ Ships transmitting frequency or the ships national frequency/ Fréquence de transmission des navires ou la fréquence nationale des navires.
		64°28'N 21°36'E	SAH	A1A	500	454, 458, 468, 480, 484	500	444	0000-2400		
		62°43'N 18°08'E		H3E J3E	2182	2216 ¹⁾	2182	2733	0000-2400		
		64°28'N 21°36'E		H3E J3E	2182	2123	2182	1779	0000-2400		

• **Notification from Sweden (continued)**

Page D-B-VI-41: amend entry to read:

1	2	3	4	5	6	7	8	9	10	11	12
ZONE VI - B (Baltic Sea / Mer Baltique)											
Karlskrona Radio* (a) (1.VI.1992)	Sweden / Suède	56°10'N 15°33'E	SAA	A1A H3E J3E	500 2182	425, 454, 468, 480, 512 3185 ¹⁾	500 2182		0000-2400	METEO Norrköping	* Accepts 10-figure groups. / Accepte des groupes de 10 chiffres. BATHY/TESAC ¹⁾ Ships transmitting frequency or the ships national frequency / Fréquence de transmission des navires ou la fréquence nationale des navires.
								2789			

Page D-B-VI-44: amend entry to read:

1	2	3	4	5	6	7	8	9	10	11	12
ZONE VI - B (Baltic Sea / Mer Baltique)											
Stockholm Radio* (a) (1.VI.1992)	Sweden/ Suède	59°17'N 18°43'E	SDJ	A1A H3E J3E	500 2182	425, 454, 468, 480, 512	500 2182		0000-2400	METEO Norrköping	* Accepts 10-figure groups. / Accepte des groupes de 10 chiffres. BATHY/TESAC ¹⁾ Ships transmitting frequency or the ships national frequency. / Fréquence de transmission des navires ou la fréquence nationale des navires. BATHY/TESAC
		55°29'N 14°19'E		H3E J3E	2182		2182				
Tingstäde Radio* (a) (1.VI.1992)	Sweden/ Suède	57°44'N 18°36'E	SAE	A1A H3E J3E	500 2182	425, 454, 468, 471,5 480, 512 3289 ¹⁾	500 2182	522,5 2768	0000-2400	METEO Norrköping	

D. Monitoring of the operation of the WWW

As regards the data set to be monitored during the October 1992 annual global monitoring period, the President of CBS agreed to use the Regional Basic Synoptic Networks (RBSNs) instead of the global exchange list for SYNOP, TEMP (RW), PILOT (W), CLIMAT and CLIMAT TEMP reports. For ease of reference, the lists of surface, radiowind/radiosonde and radiowind stations comprising the RBSNs will be attached to the letter of invitation to participate in the 1992 annual global monitoring; this letter will soon be dispatched to all Permanent Representatives of WMO Member countries. With a view to facilitating the preparation of the monitoring data set at centres using computerized facilities, the Secretariat will send upon request the lists of surface, radiowind/radiosonde and radiowind stations comprising the RBSNs which can be obtained on floppy disks either in DBASE IV or ASCII format. Members should specify their preferences in their requests.

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

Date: June 1992

C. Information on the operation of Marine Meteorological Services

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

- **Notification from the Republic of Korea:**

Page D-C1-II-7 : amend entry to read:

REPUBLIC OF KOREA - RÉPUBLIQUE DE CORÉE (30.V.1992)

(1)	(2)	(3)
Incheon	Incheon Meteorological Station, 25 Jeondong, Incheon	(032)-761-1215
(4) Provision of forecasts, warnings, advisories and maps meant for broadcast / Prévisions, avertissements et cartes destinés à être diffusés.		

(1)	(2)	(3)
Pusan	Pusan Regional Meteorological Office, 1-9 Taechong-dong, Chung-gu, Pusan	(051)-469-7011
(4) Provision of forecasts, warnings, advisories and maps meant for broadcast / Prévisions, avertissements et cartes destinés à être diffusés.		
(5) Provided on request. / Sur demande		
(6) For forecasts and other weather information contact the PMO. / Pour les prévisions et autres renseignements météorologiques contacter l'AMP.		

- **Notification from the Netherlands:**

Page D-C1-VI-15: the telephone number under (6) should be amended to read: 01747-87272

NETHERLANDS - PAYS-BAS (12.V.1992)

(1)	(2)	(3)
Amsterdam		
(6) For special forecasts contact Hydrometeorological Centre Rijnmond (Tel. 01747-87272)/ Pour des prévisions spéciales contacter le Centre Hydrométéorologique Rijnmond (Tél. 01747-87272).		

(1)	(2)	(3)
Flushing		
(6) For special forecasts contact Hydrometeorological Centre Rijnmond (Tel. 01747-87272). / Pour des prévisions spéciales contacter le Centre Hydrométéorologique Rijnmond (Tél. 01747-87272).		

(1)	(2)	(3)
Rotterdam		
(6) For special forecasts contact Hydrometeorological Centre Rijnmond (Tel. 01747-87272). / Pour des prévisions spéciales contacter le Centre Hydrométéorologique Rijnmond (Tél. 01747-87272).		