ORGANISATION MÉTÉOROLOGIQUE MONDIALE

WORLD METEOROLOGICAL ORGANIZATION

Téléphone: National (022) 730 81 11
International + 41 22 730 81 11
Télégrammes: METEOMOND GENÈVE
Télex: 41 41 99 OMM CH
Facsimilé: 41 22 734 23 26

SECRÉTARIAT
GENÈVE - Suisse

41, Giuseppe-Motta
Case postale N° 2300
CH - 1211 Genève 2

W/OIS

GENEVA, 31 January 1992

Annexes: 4

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

1. Allocation of station index numbers

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

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-4704)
Directors of Meteorological Services of non-Member countries (MC-2461)
Presidents and Vice-Presidents of Regional Associations (P.RA-1284)
Presidents and Vice-Presidents of Technical Commissions (P.TC-1401)
Chairmen of CBS Working Groups
Secretary-General of ICAO
Director-General of IATA
Secretary of IOC
Director-General of ASECNA
Director of ECMWF

5. ARGOS service

   5.1 ARGOS monthly status report
   5.2 TOGA Programme

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

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

ANNEX IV – Codes

B. Manual on Codes

1. Global practices
2. Regional practices

   2.3 Changes to codes

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 C)

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: January 1992

A. GOS regulatory or guidance material

1. Allocation of station index numbers

- *Region IV: United States of America:*

The United States plans to use the presently unused index numbers in blocks 72 and 74, to identify stations as follows:

- block 72: temporary or experimental stations. (Examples of temporary usage include stations transmitting soundings using TEMP MOBIL and temporary profiler sites.)

- block 74: permanent stations in station dense areas where all numbers have already been assigned.

The United States plans to begin by using those index numbers in blocks 72 and 74 that had been previously assigned to Canada, before the latter changed to block 71; however, to avoid possible confusion, they will not re-use index numbers that have been previously used. Applying to the extent possible the guidelines for the assignment of index numbers, as shown in the Manual on Codes, Volume I, Section E "Systems of Stations Index Numbers", the U.S.A. plans to begin using unused index numbers in the following ranges:

72690 – 72989
74001 – 74034
74149 – 74180
74376 – 74394

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 HP	Elevation H/HA	Surface observations 00 03 06 09 12 15 18 21	Upper-air observations 00 06 12 18	Remarks
71133	SPIRITWOOD WEST, SASK.	53°22'N	107°33'W	590	584	X . X . X . X .	. . . .	
71137	VAL MARIE SOUTHEAST, SASK.	49°04'N	107°35'W	785	_	X . X . X . X .	. . . .	
80479	PALMICHAL, ESTADO CARABOBO	10°18'N	68°14'W	– 1000		X X . X X X X X	. . . .	

1.2 *Deleted stations*

Index No.	Name
01412	OBRESTAD FYR
06089	SAEDENSTRAND
06140	NAKSKOV FLYVEPLADS
93188	PONGAKAWA

1.3 *Changes to existing stations*

Index No.	Name	Surface observations								Upper-air observations				Remarks
		00	03	06	09	12	15	18	21	00	06	12	18	
01360	BRATA	.	X	X	X	X	X	X	X	.	.	.	.	
04260	FREDERIKSHAB	X	.	.	X	X	X	X	X	.	.	.	.	
07110	BREST	X	X	X	X	X	X	X	X	RW	.	RW	.	
07145	TRAPPES	X	X	X	X	X	X	X	X	RW	.	RW	.	
07180	NANCY / ESSEY	X	X	X	X	X	X	X	X	RW	.	RW	.	
07481	LYON / SATOLAS	X	X	X	X	X	X	X	X	RW	.	RW	.	
07510	BORDEAUX / MERIGNAC	X	X	X	X	X	X	X	X	RW	.	RW	.	
07645	NIMES / COURBESSAC	X	X	X	X	X	X	X	X	RW	.	RW	.	
07761	AJACCIO	X	X	X	X	X	X	X	X	RW		RW		
15661	ACHTOPOL	.	.	.	.	.	.	.	.	.	.	.	.	

1.5 *Temporary changes*

- ***Notification from Mozambique:***
  Radiosonde/radiowind ascents at 67341 Maputo/Mavalane are being temporarily suspended. Whenever sky conditions permit, pilot balloon ascents will be carried out by optical theodolite.

4. Automatic marine stations

4.1 *Canada*

Data from moored and drifting buoys are collected via geostationary and polar orbiting satellites respectively. Meteorological reports from moored buoys using FM 13-IX SHIP code are distributed on the GTS from the Direct Readout Station located in Vancouver, B.C. Reports from drifting buoys are received at the ARGOS Local User Terminals in Edmonton and Toronto and distributed on the GTS using the FM 14-VIII DRIBU code.

WMO buoy Identifier	ARGOS Identifier	Position / At date: Latitude	Longitude	Observed or technical parameters 1	2	3	4	5	6	7	8

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

4.1.1 *Moored Buoys*

- North-east Pacific Ocean: At: 7 January 1992

				1	2	3	4	5	6	7	8
46004	07180	50°56'N	135°52'W	X	X	X	X	X	X	X	.
46036	07181	48°18'N	133°51'W	X	X	X	X	X	X	X	.
46145	08676	54°23'N	132°26'W	X	X	X	X	X	X	X	.
46181	07185	53°49'N	128°51'W	X	X	X	X	X	X	X	.
46183	07192	53°37'N	131°06'W	X	X	X	X	X	X	X	.
46184	07182	53°56'N	138°48'W	X	X	X	X	X	X	X	.
46185	07187	52°25'N	129°48'W	X	X	X	X	X	X	X	.
46204	07195	51°23'N	128°45'W	X	X	X	X	X	X	X	.
46205	07196	54°10'N	134°20'W	X	X	X	X	X	X	X	.
46206	07193	48°50'N	126°00'W	X	X	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	X	.

- North-west Atlantic Ocean: At: 7 January 1992

				1	2	3	4	5	6	7	8
44131	03479	45°54'N	51°00'W	X	X	X	X	X	X	X	.
44137	05579	41°12'N	61°08'W	.	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	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	.
44143	03434	45°54'N	49°59'W	X	X	X	X	X	X	X	.

- Great Lakes: At: 7 January 1992

				1	2	3	4	5	6	7	8
45135+	N/A	43°48'N	76°53'W	.	.	.	.	.	.	.	.
45136+	3477D	48°32'N	86°57'W	.	.	.	.	.	.	.	.
45137	N/A	45°20'N	80°02'W	X	X	X	X	.	.	.	.
45138+	08249	49°32'N	65°43'W	.	.	.	.	.	.	.	.
45139+	N/A	43°16'N	79°33'W	.	.	.	.	.	.	.	.

\+ Out of service

4.1 Automatic marine stations – *Canada* (cont.)

WMO buoy Identifier	ARGOS Identifier	Position / At date: Latitude	Longitude	Observed or technical parameters 1	2	3	4	5	6	7	8

4.1.2 *Drifting Buoys*

- North-east Pacific Ocean: At: 3 January 1992

				1	2	3	4	5	6	7	8
46632	12511	40°36'N	129°54'W	.	X	X	X	X	.	.	X
46681	07135	59°06'N	143°00'W	.	X	X	X	X	.	.	X
46682	07136	44°42'N	153°24'W	.	X	X	X	X	.	.	X
46684	07137	42°48'N	146°42'W	.	X	X	X	X	.	.	X
46687	07138	30°36'N	150°42'W	.	X	X	X	X	.	.	X
46692	07139	47°06'N	135°48'W	.	.	X	X	X	.	.	X
46704	07128	36°36'N	131°48'W	.	X	X	X	X	.	.	X
46705#	07129	54°00'N	133°18'W	.	.	.	.	.	.	.	.
46706	07130	31°30'N	137°30'W	.	X	X	X	X	.	.	X
46708	07132	51°00'N	150°54'W	.	X	X	X	X	.	.	X
46699	07146	50°30'N	159°00'W	.	X	X	X	X	.	.	X

- Arctic Icepack: At: 3 January 1992

				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 December 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.

WMO buoy Identifier	ARGOS Identifier	Position / At date: Latitude	Longitude	Observed or technical parameters 1	2	3	4	5	6	7	8

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*

				At: 16-23 January 1992 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	73°00'W	X	X	X	X	X	X	X
41002**		32°18'N	75°12'W	*	*	*	*	*	*	*
41006**		29°18'N	77°24'W	*	*	*	*	*	*	*

\# 46705 unserviceable 12.1991

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

* Sensor / system failure.

4.2 Automatic marine stations – *U.S.A.* (cont.)

4.2.1 *Moored Buoys* (cont.)

WMO buoy Identifier	ARGOS Identifier	Position / At date: Latitude	Longitude	Observed or technical parameters 1	2	3	4	5	6	7	8
		At: 16-23 January 1992		1	2	3	4	5	6	7	
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	
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	
44005**		42°36'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	
44025		40°18'N	73°12'W	X	X	X	X	X	X	X	
45001**		48°00'N	87°48'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	*	*	*	*	*	*	*	
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°18'W	*	X	X	X	X	X	X	
46003**		51°54'N	155°54'W	*	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	*	*	*	*	*	*	*	
46011		34°54'N	120°54'W	*	*	*	*	*	*	*	
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	*	*	*	*	*	*	*	
46029**		46°12'N	124°12'W	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	
46040		44°48'N	124°18'W	*	X	X	X	*	X	X	
46041		47°24'N	124°30'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.

4.2 Automatic marine stations – *U.S.A.* (cont.)

4.2.1 *Moored Buoys* (cont.)

WMO buoy identifier	ARGOS identifier	Position / At date: Latitude	Longitude	Observed or technical parameters 1	2	3	4	5	6	7	8
		At: 16-23 January 1992		1	2	3	4	5	6	7	
46042		36°48'N	122°24'W	X	X	X	X	*	X	X	
46045		33°48'N	118°24'W	X	X	X	X	X	X	X	
46047		32°42'N	119°36'W	X	X	X	X	X	X	X	
46048		32°54'N	117°54'W	X	X	X	X	X	X	X	
46050		44°36'N	124°30'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°18'N	160°48'W	X	X	X	X	X	X	X	
51004**		17°24'N	152°30'W	X	X	X	X	X	X	X	
52009		13°42'N	144°42'E	X	X	X	X	X	X	X	

4.2.2 *Drifting Buoys*

				At: 17-23 January 1992	1	2	3	4	5	6	7	8
14804	08845	31°S	34°E		.	X	X	.	X	.	.	.
16807	05133	50°S	75°E		.	X	X	.	X	.	.	.
16809	12314	44°S	04°E		.	X	*	.	X	.	.	.
16810	12309	49°S	00°E		.	X	X	.	X	.	.	.
17804	12300	27°S	101°E		.	*	X	.	X	.	.	.
17805	12304	21°S	73°E		.	*	X	.	X	.	.	.
17809	05125	36°S	62°E		.	X	X	.	X	.	.	.
17811	05569	41°S	06°E		.	X	X	.	X	.	.	.
17825	05129	40°S	64°E		.	X	X	.	X	.	.	.
33509	12307	40°S	14°E		.	X	X	.	X	.	.	.
33510	12308	44°S	65°E		.	X	X	.	X	.	.	.
33511	12302	43°S	34°W		.	X	X	.	X	.	.	.
33826	12296	55°S	97°E		.	X	X	.	X	.	.	.
33827	12297	47°S	143°E		.	X	X	.	X	.	.	.
33828	12298	34°S	99°E		.	X	X	.	X	.	.	.
33831	01967	46°S	25°W		.	X	X	.	X	.	.	.
53822	05132	10°S	118°E		.	X	X	.	X	.	.	.
54829	06762	35°S	143°W		.	*	X	.	X	.	.	.
54830	06763	39°S	97°W		.	*	X	.	X	.	.	.
54833	06586	44°S	137°W		X	X	X	.	X	.	.	X
54835	06731	37°S	138°W		.	X	X	.	X	.	.	.
54836	05128	35°S	157°W		.	X	X	.	X	.	.	.
54837	05135	27°S	159°W		.	X	X	.	X	.	.	.
54838	08823	44°S	145°W		.	X	X	.	X	.	.	.
54839	12312	40°S	140°W		.	X	X	.	X	.	.	.
54840	05120	55°S	124°W		.	X	X	.	X	.	.	.
54842	05122	49°S	148°W		.	X	X	.	X	.	.	.
54843	05134	48°S	129°W		.	X	X	.	X	.	.	.
54844	05123	51°S	126°W		.	X	X	.	X	.	.	.
55803	05136	54°S	97°W		.	X	X	.	X	.	.	.
56835	12291	27°S	88°E		.	X	X	.	X	.	.	.
56836	12293	26°S	99°E		.	X	X	.	X	.	.	.
56837	05116	06°S	107°E		.	.	X	.	.	.	.	.
56838	12294	19°S	82°E		.	X	X	.	X	.	.	.
56839	05124	20°S	89°E		.	X	X	.	X	.	.	.

* Sensor / system failure.

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

5. ARGOS service

5.1 *ARGOS monthly status report*

As at 3 January 1992 the ARGOS service was handling reports from 833 drifting buoys, 223 moored buoys, 6 balloons, 36 ships, 132 animal trackings, 410 fixed stations, 53 boats and 52 miscellaneous platforms. DRIBU reports from 56 drifting buoys and BATHY reports from 22 selected ships were transmitted to the RTH Paris and DRIBU reports from 367 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
Australia	55512	00416
	55513	00421
	55514	00413
	55515	00415
	56501	02934
	56502	02936
	56503	08035
	56504	08036
	56505	08037
	56506	04875
	56507	04876
	56508	04877
	56548	04871
	56549	04872
	9VBZ •	09195
	9VUU •	09190
	9VWM •	09191
	GYRW •	09197
	GYSA •	09189
	S6FK •	09193
	VJBQ •	09196
	VJDP •	09198
Canada	21552	01315
	44755	03319
	46644	01198
	46645	01199
	46649	01313
	46650	01424
	46656	08090
	47552	09784
	47558	11249
	47559	04004
France	13531	05832
	62513	05829
	62514	05831
	64516	05796
	C6HL •	04705
	FNCZ •	08744
	FNED •	08748
	FNGB •	04733
France (continued)	FNGS •	04707
	FNJT •	04722
	FNQB •	04726
	FNZO •	04717
	FNZQ •	04703
	FPYO •	04729
	HPEW •	04720
	ZDAZ •	04714
	ZDBE •	04718
Germany	48601	11240
	48602	11241
	48603	11242
	48604	11243
	48605	11244
	48606	11245
	48607	11246
	71524	03315
	71545	09353
	71546	09354
	71547	09355
	71549	09361
Japan	46601+	04780
	46602+	04781
	46603+	04782
Netherlands	44761	06669
	64111	08521
	64112	08522
	64113	08523
	64114	08524
New Zealand	55580	06439
	55582	07175
	55583	07179
	55584	07178
	55585	07177
	55586	07176
Norway	62694	03670
	65591	06666
	65592	03039
	65593	03038

• ARGOS ID-numbers which had their WMO numbers changed during the month.

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

5.1 *ARGOS monthly status report* (cont.)

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
South Africa**	17521	14058
	17522	14063
	17523	14065
	17525	14064
	17526	14067
	17527	14060
	17536	14066
	33021	09087
United Kingdom	62805	06285
	64043	06271
United States of America	11318	14356
	12501	14602
	12504	14636
	12505	14652
	12506	14619
	12507	14653
	12508	14659
	12509	14660
	12510	14616
	13003	01649
	13004	01654
	13005	05141
	13006	05146
	13007	01643
	13901	14455
	13902	14456
	13903	14457
	13904	14445
	13905	14447
	13906	14460
	13907	14461
	13908	14462
	13909	14463
	13911	14448
	13912	14449
	14464	14464
	14804	08845
	14986	14986
	15103	15103
	16807	05133
	16809	12314
	16810	12309
	17804	12300
	17805	12304
	17809	05125
	17811	05569
	17825	05129
	21522	14309
	21527	14592
	21529	14599
	21534	14311
	21535	14312
	22512	12497
	22901	14980

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	22902	14981
	22904	14971
	22905	14972
	22906	14984
	23502	14661
	23503	14601
	23504	14612
	23505	14598
	23506	14618
	23507	14620
	23508	14593
	23510	14623
	23511	14615
	23512	14657
	23513	14658
	25537	12805
	31502	09844
	31503	14284
	31504	14649
	32315	06380
	32316	06799
	32317	15808
	32439	15604
	32512	11920
	32513	11917
	32514	11948
	32515	15648
	32516	11927
	32517	15093
	32518	15091
	32519	11905
	32520	15649
	32522	15598
	32523	10809
	32525	11192
	32528	11930
	32529	15028
	32531	15011
	32532	11897
	32533	15017
	32534	15018
	32535	15025
	32536	15026
	32538	15602
	32540	11904
	32541	15595
	32542	15596
	32544	11908
	32545	10849
	32546	11160
	32547	15597
	32548	15599

** 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)	32549	11163
	32551	15600
	32552	11195
	32553	15603
	32554	15601
	32555	15625
	32556	11934
	32557	15626
	32558	09276
	32559	15627
	33301	12310
	33509	12307
	33510	12308
	33511	12302
	33826	12296
	33827	12297
	33828	12298
	33831	01967
	34901	15123
	34902	15125
	41501	14663
	41502	14664
	41503	14665
	41504	14667
	41505	14632
	41506	14634
	41520	14643
	41521	14647
	43501	11919
	43502	11168
	43504	11198
	43508	11171
	43512	14637
	43513	14638
	44513	04645
	44514	04646
	44520	09856
	44552	11362
	44553	11363
	44555	11365
	44559	15138
	44560	15142
	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
	46544	15637

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	46545	15640
	46546	15641
	46547	15070
	46548	15075
	46549	15076
	47553	11248
	47556	11247
	48518	12800
	48520	12801
	48554	12802
	48555	12806
	48557	12808
	51006	06798
	51007	15814
	51008	06370
	51009	15811
	51010	06375
	51017	12527
	51018	15809
	51021	06369
	51022	12523
	51025	12878
	51503	14646
	51504	14648
	51506	14650
	51507	14613
	51508	14651
	51510	15042
	51511	15117
	51512	15089
	51513	11663
	51515	14432
	51516	11949
	51517	11676
	51518	15077
	51519	15100
	51520	15592
	51801	14433
	51802	11915
	51803	15593
	51804	14434
	51805	15106
	51806	15635
	51807	15094
	51808	15647
	51809	14435
	51810	15594
	51811	15653
	51812	15650
	51813	11924
	51814	11946
	51816	15616
	51817	15617
	51818	15110
	51819	15116
	51820	15122

5.1 *ARGOS monthly status report* (cont.)

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	51821	11690
	51822	11870
	51823	15095
	51824	11685
	51825	15620
	51826	11578
	51827	11688
	51828	15015
	51829	11202
	51830	15088
	51833	11872
	51834	15124
	51835	09271
	51836	09270
	51837	15621
	51839	11700
	51840	15090
	51841	11950
	51842	11702
	51843	11703
	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
	51865	15638
	51866	15644
	51867	15645
	51868	11669
	51869	11674
	51870	11679
	51871	15646
	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

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	52001	12526
	52003	12524
	52006	06796
	52007	06797
	52010	06460
	52302	12525
	52506	15031
	52507	15037
	52508	15104
	52509	15109
	52510	11939
	52512	15023
	52513	15034
	52514	15040
	52515	15041
	52517	15108
	52518	15114
	52520	15121
	52521	14584
	52616	15021
	52801	15035
	52803	15029
	52804	15051
	52805	15012
	52807	09278
	52808	15014
	52809	15016
	52811	15111
	52812	15126
	52866	11887
	52867	11893
	52868	11876
	52872	11890
	52877	11883
	53801	11940
	53802	14965
	53803	14966
	53804	14979
	53806	14991
	53807	11941
	53808	11942
	53809	11886
	53822	05132
	54531	14642
	54532	14645
	54829	06762
	54830	06763
	54833	06586
	54835	06731
	54836	05128
	54837	05135
	54838	08823
	54839	12312
	54840	05120
	54842	05122
	54843	05134

5.1 *ARGOS monthly status report* (cont.)

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
United States of America (continued)	54844	05123
	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
	54915	15628
	54916	15630
	54917	15631
	54918	15632
	54919	15634
	54920	15633
	55803	05136
	56834	09218
	56835	12291
	56836	12293
	56837	05116
	56838	12294
	61523	14589
	61524	14614
	61525	14662
	61526	14631
	61527	14635
	61528	14654
	61529	14617
	61530	14633
	61531	14656
	65504	14627

5.2 *TOGA Programme*

List of buoys of the TOGA programme from which reports were transmitted into the GTS by the Centre for Marine Meteorology of Météo-France during December 1991, under the abbreviated heading SSVX55 LFPW (Equatorial Pacific):

Operating country	WMO Identifier/ Call sign	ARGOS Identifier
France	51886	01612
	51887	01613
	51889	01619
	51890	01620
	51891	01621
	51893	01627
	51894	12085
	51895	12089
	51897	12092
	51898	12093
	52881	01626

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.

7. Feed-back from Members to the Secretariat on any changes in the observing network (cont.)

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 00	03	06	09	12	15	18	21	Alternate observing station	Remarks
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 (IIiii) 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 (IIii) 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: January 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 Germany:*
  The following new bulletins will be implemented with effect from 1 January 1992:

Bulletins		Language	Reports
SOVF01	EDZW:	FM 63-IX	Oceanographic data
STDL21	EDZW:	Plain language	Ice reports (Germany East)
AOAA01	EESA:	Plain language	Ozone layer

1.3 *Changes to bulletins*

- *Notification from Germany:*
  Amendments to bulletins in the *Catalogue of Meteorological Bulletins* will be implemented as follows:

a) Changes in Bulletin Content - effective 1 January 1992:

Bulletins		Stations	Insert schedules	Delete schedules
SMDL26	EDZW:	Insert Stations 10551 and 10640	-	-
SI/SNDL26	EDZW:	Insert Station 10551	-	-
US/UK/UL/UEDL02	EDZW:	Station 10486:	Insert at 0000 UTC	Delete at 0600 UTC
UP/UG/UH/UQDL02	EDZW:	Station 10486:	Insert at 0600 UTC	-

b) Changes in Abbreviated Headings - effective 1 January 1992:

Previous Heading		Replace by New Heading	
UAXX02	EESA	UDXX02	EESA

c) Changes in Bulletin Content - effective 1 February 1992:

Bulletins		Stations	Insert schedules	Delete schedules
SM/SI/SNDL27	EDZW:	Insert Station 10870	-	-
US/UK/UL/UEDL02	EDZW:	Station 10184	Insert at 1800 UTC	-
UP/UG/UH/UQDL02	EDZW:	Station 10184	-	Delete at 1800 UTC

- *Notification from Portugal:*
  As from 18 January 1992 and until further notice the 0000 UTC upper air observations from station 08579 Lisboa/Gago Coutinho are not transmitted into the GTS.

1.5 *Bulletins for oceanographic data*

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

a) Buoy data processed at the ARGOS U.S. Global Processing Centre of Landover (USGPC):

Bulletins are routed to the National Weather Service, Washington D.C., and actually distributed globally from this source.

$T_1T_2A_1A_2ii$	Approximate region or programme
SSVX02 KWBC	Buoys deployed in the southern hemisphere and quality controlled by the NDBC*
SSVX04 KARS	Buoys deployed in the North Atlantic.
SSVX06 KARS	Buoys deployed in the northern hemisphere.
SSVX08 KWBC	Buoys deployed in the northern hemisphere and quality controlled by the NDBC*
SSVX10 KARS	Buoys deployed in the southern hemisphere.
SSVX12 KARS	Buoys deployed the Arctic Ocean.
SSVX14 KARS	Buoys or platforms reporting from or around the Antarctic area.
SSVX16 KARS	Specific experiments. Buoys from various ocean areas.
SSVX40 KARS	ATLAS moored buoys in the Equatorial Pacific Ocean.
SSVX96 KARS	Specific experiment conducted by the NDBC*

* NDBC: National Data Buoy Center, Mississippi, U.S.A.

b) Buoy data processed at the ARGOS French Global Processing Centre of Toulouse (FRGPC):

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

$T_1T_2A_1A_2ii$	Approximate region or programme
SSVX01 LFPW	Buoys deployed in the North Atlantic.
SSVX03 LFPW	Buoys deployed in the southern hemisphere.
SSVX05 LFPW	Buoys deployed in the northern hemisphere, excluding the North Atlantic.
SSVX07 LFPW	Buoys deployed in the Arctic Ocean.
SSVX09 LFPW	Buoys or platforms reporting from or around the Antarctic area.

c) 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.

$T_1T_2A_1A_2ii$	Approximate region or programme
SSVX51 LFPW	North Atlantic.
SSVX53 LFPW	Southern hemisphere
SSVX55 LFPW	Equatorial Pacific

ANNEX IV - Codes

Date: January 1992

B. Manual on Codes

1. Global practices

- *Reminder of new regulation*

Reminder of new regulation 12.2.4 for group $3P_0P_0P_0P_0$ in **FM 12-IX Ext.** SYNOP which came into force on 1 November 1991:

Regulations 12.2.4 stipulates:

> **"Group $3P_0P_0P_0P_0$**
>
> "This group shall be included in reports for global exchange from land stations, together with either the group 4PPPP or, in accordance with regulation 12.2.3.4.2, the group $4a_3hhh$.
>
> "NOTE: Inclusion of this group at other times is left to the decision of individual Members."

Therefore, for global exchange, all regional coding procedures related to group $3P_0P_0P_0P_0$ in the *Manual on Codes* , Volume II, Regional Codes, are superseded by this new global practice regulation, and the group $3P_0P_0P_0P_0$ is mandatory for all land stations whatever their altitude.

2. Regional practices

2.3 *Changes to codes*

Consequential to the new regulation 12.2.4 recalled above, notification of changes in the Regional Coding Procedures related to International Code Forms is given. The corresponding modifications are listed below.

Manual on Codes
Volume II

INTERNATIONAL CODE FORMS, NOTES AND REGULATIONS

Modification:	Text modified: No.	On page:	Insert new text:
a) Replace text of:	1/12.1.3 3/12.1.5 5/12.1.4 6/12.1.3 7/12.1.4	II–1–A–2 II–3–A–2 II–5–A–2 II–6–A–2 II–7–A–2	"The group $3P_0P_0P_0P_0$ shall be included in the synoptic reports in accordance with regulation 12.2.4."
b) Replace text of:	2/12.1 4/12.1	II–2–A–2 II–4–A–2	**"Group $3P_0P_0P_0P_0$** The group $3P_0P_0P_0P_0$ shall be included in the synoptic reports in accordance with regulation 12.2.4."
c) Delete text of:	3/12.1.6	II–3–A–2	–

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

Date: January 1992

C. Information on the operation of Marine Meteorological Services

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

- *Greece - Port Meteorological Officers:*

WMO Publication No. 9, Volume D, Part C: on page D-C1-VI-9, amend entry for column 3 to read:

GREECE - GRECE (23.XII.1991)

(1)	(2)	(3)
Piraeus (Athens)	Port Meteorological Office, Port Office	(00301) 4135502
	In case of no answer, try / En cas de non réponse, essayer : Chief Forecaster, Ellinikon Meteorological Center	(00301) 9628942

- *Malta - Port Meteorological Officers:*

WMO Publication No. 9, Volume D, Part C: on page D-C1-VI-14, amend entry for column 3 to read:

MALTA - MALTE (10.I.1992)

(1)	(2)	(3)
Valletta	Chief Meteorological Officer	249170 Ext. 308
	Meteorological Office, Luqa Airport, Luqa	249170 Ext. 332