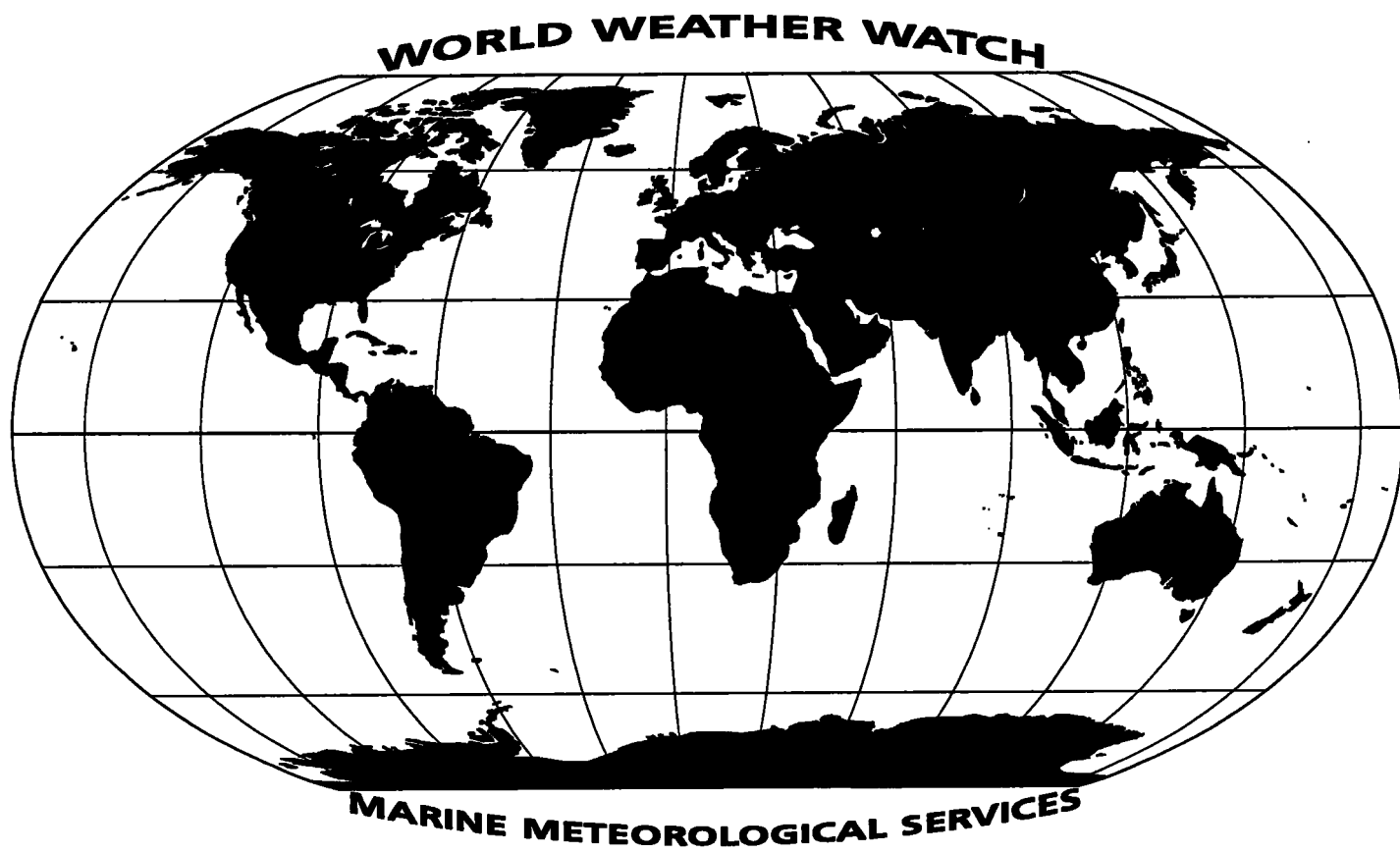


OPERATIONAL

newsletter

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World Meteorological Organization
GENEVA

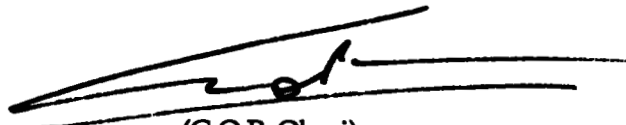
The WMO Secretariat would like to express its appreciation to all those who have contributed material to the "Operational Newsletter". ■

Foreword

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 we have created the "OPERATIONAL NEWSLETTER" to provide you with the latest operational information on WWW and MMS.

A special table is included in the "OPERATIONAL NEWSLETTER" in Annex I - *Global Observing System* to assist Members in reporting changes in the present status of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations.

Your co-operation in ensuring that the above information reaches the appropriate operational units of your service is greatly appreciated.



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

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Annex I

GLOBAL OBSERVING SYSTEM

A. GOS REGULATORY OR GUIDANCE MATERIAL

3. GUIDANCE MATERIAL ON INSTRUMENTS AND OBSERVING METHODS

3.1 WMO Catalogue of Radiosondes and Upper-air Wind Systems in use by Members (Reference: *Operational Newsletter* — Volume 1994 - No. 2)

•Notification from New Zealand

The radiosonde data processing software at the stations indicated below have been updated. Consequently the radiation correction type has changed from V86 to V93 (changes are underlined).

Index No.	Name of Station	SONDE			RADIATION		DATE
		Regular type used	alternative type used	Frequency (MHz)	Correction Y=Yes/N=No	Correction type	
93112	Whenuapai	VRS80		403	Y	<u>V93</u>	<u>03/95</u>
93417	Paraparaumu	VRS80		403	Y	<u>V93</u>	<u>03/95</u>
93844	Invercargill A/P	VRS80		403	Y	<u>V93</u>	<u>03/95</u>
93944	Campbell Island	VRS80N		403	Y	<u>V93</u>	<u>03/95</u>
93986	Chatham Island	VRS80N		403	Y	<u>V93</u>	<u>03/95</u>
93997	Raoul Island	VRS80N		403	Y	<u>V93</u>	<u>03/95</u>

C. INFORMATION ON THE 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	Upper-air				Re-marks
				HP	H/HA		00	03	06	09	12	15	18	21		Obs. S	00	06	12		18
Region V — Australia																				
94997	Heard Island (The Spit)	53°06S	73°43E	13	12		X	X	X	X	X	X	X	X						AUT
Region VI — United Kingdom of Great Britain and Northern Ireland																				
03072	Cairnwell	56°53N	03°25W	-	933		X	X	X	X	X	X	X	X	H00-24					AUT
03074	Scrabster Harbour	58°37N	03°33W	-	10		X			X	X	X	X	X						
03077	Lybster	58°19N	03°17W	-	85				X	X	X	X	X	X						
03139	Saughall	55°36N	04°13W	-	221				X	X	X	X	X	X	H06-09					
03188	Berwick Upon Tweed	55°45N	02°02W	-	85					X		X	X		H08-09 H17-18					
03227	Great Dun Fell	51°41N	02°27W	-	847		X	X	X	X	X	X	X	X	H00-24					AUT
03235	Boltshope Park	54°49N	02°05W	-	434				X	X	X	X	X	X	H05-06 +					

+ In summer, H06-07 in winter

**C. Information on the operational status of elements of the surface-based sub-system /
1. Publication No. 9, Volume A - Stations / 1.1 New stations (continued)**

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	
03261	Dishforth	54°08'N	01°25'W	-	36		X	X	X	X	X	X	X	X	H00-24	.	.	.	.
03293	Cowden	53°51'N	00°06'W	-	15		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03410	Lake Vyrnwy	52°45'N	03°28'W	-	360		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03904	Castlederg	54°42'N	07°35'W	-	51		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03908	Ballykelly	55°03'N	07°00'W	-	4		X	X	X	X	X	X	X	.	H00-24	.	.	.	.	AUT
03911	Lough Fea	54°43'N	06°49'W	-	225		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
03915	Portglenone	54°52'N	06°27'W	-	64		X	X	X	X	X	X	X	X	H00-24	.	.	.	.	AUT
Region VI — Czech Republic																				
11509	Doksany	50°28'N	14°10'E	159	158		X	X	X	X	X	X	X	X	H00-24	.	.	.	.
11649	Hradec Kralove	50°11'N	15°50'E	285	285		.	.	.	.	.	.	.	.		.	.	.	.
Region VI — Slovakia																				
11958	Kojsovska Hola	48°47'N	20°59'E	1247	1242	950 hPa	.	.	X	X	X	X	X	.		.	.	.	.
Stations in the Antarctic — Operated by UK																				
89069	Faraday	65°15'S	64°16'W	11	-		X	X	X	X	X	X	X	X		.	.	.	.	AUT

1.2 Deleted Stations

Region	Index No.	Name of Station
Region V — New Zealand	93206	Mokau
Region VI — United Kingdom of Great Britain and Northern Ireland	03133	Sloy
	03205	Calf of Man
	03222	Carlisle
	03228	Whins Pond
	03391	Coningsby
	03494	Cromer
	03558	Bedford R.A.E
	03566	Wyton
	03586	Honington
	03702	Lundy
	03766	Farnborough
	03824	Bastreet
	03857	Isle of Portland
03884	Herstmonceux (index number deleted and replaced by 03882)	
03900	Knockarevan	
03902	Corgary	
Region VI — Greenland	04220	Egedesminde (Synop Station)

**C. Information on the operational status of elements of the surface-based sub-system/
1. Publication No. 9, Volume A - Stations / 1.3 Changes to existing stations (continued)**

Index No.	Name	Latitude	Longitude	Elevation		Pressure Level	Surface observations								Obs. H	Upper-air				Re-marks	
				HP	H/HA		00	03	06	09	12	15	18	21	Obs. S	00	06	12	18		
03344	Bingley															H00-24					
03355	Church Fenton										X	X	X			H08-17	.	.	.	.
03373	Scampton							X	X	X	X	X	X	X	X						
03379	Cranwell							X	X	X	X	X	X	X	X	H00-24	.	.	.	.
03496	Hemsby							X	X	X	X	X	X	X	X	H00-24	.	.	.	.
03501	Capel Dewi	52°25'N	04°00'W																		
03527	Great Malvern															H06-12					

H10-11 not on 6, 7

03593	Beccles							.	.	07	X	X	X	X	.		.	.	.	.
03672	Northolt					-	38	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
03743	Larkhill							X	X	X	X	X	X	X	X	H00-24	.	W	FW	.	

+ 07 in summer

03749	Middle Wallop															H00-24					
03786	Gravesend					-	20														
03808	Camborne							X	X	X	X	X	X	X	X	H00-24	RW	W	RW	W	
03824	Bastreet							.	.	07	X	X	X	X	(X)						

11 in summer on 6, 7 only + Not on 6 & 7 (X) Not in winter

03830	Burrington							.	.	.	X	X	X	.	.		.	.	.	.
03857	Isle of Portland					-	3	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
03876	Shoreham Airport							.	.	.	X	X	X	X	.	H08-18	.	.	.	.

In summer * Metar, H-07-sunset in summer

03882	Herstmonceux	50°54'N	00°19'E			-	52	X	X	X	X	X	X	X	X	H00-24	RW	RW	RW	RW	
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+ Previously 03884

03900	Knockarevan							.	.	.	X	10	.	X	.	H09-10	
03902	Corgary							X	.	X	X	X	X	X	X	H12-15					

* in winter

03914	Portrush	55°13'N	06°39'W			-	4	.	.	.	X	X	X	X	.		.	.	.	.
03926	Killough																				

Region VI — Gibraltar

08495	Gibraltar (upper air station)	36°09'N	05°21'W			4	3														
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**C. Information on the operational status of elements of the surface-based sub-system/
1. Publication No. 9, Volume A - Stations / 1.3 Changes to existing stations (continued)**

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
Region VI — Greenland																			
04220	Egedesminde (upper air station)				43		X	X	X	X	X	X	X	X		RW	RW		
04361	Kulusuk Flyveplads	65°35'N	37°09'W	37	-														
Region VI — Czech Republic																			
11448	Plzen/Dobruška*																		
11487	Kocelovice (P)*																		
11518	Praha/Ruzyne (P)			365	365														
11541	Ceske Budejovice*						+	+	X	X	X	+	+	+	H06-13				

* 11487 to be defined as a principal station (P). 11448 and 11541 are no longer principal stations

Region VI — Slovakia																		
11826	Piestany			164	163													
11841	Zilina			311	310													
11880	Dudince			141	140													
11903	Sliac			315	314													
11927	Lucenec			215	214													
11933	Strbske Pleso			1356	1355													
11934	Poprad			695	694													
11976	Stropkov			217	216													
11993	Kamenica n/C.			178	177													

4. AUTOMATIC MARINE STATIONS

KEY: Observed or Technical Parameters

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

Column	Parameters
9	Subsurface temperatures
10	Relative humidity
11	Visibility
-	Parameter not observed
X	Buoy observes this parameter
.	Data under evaluation, not reported

**C. Information on the operational status of elements of the surface-based sub-system/
4. Automatic marine stations (continued)**

4.1 South Africa

4.1.1 SAWB Drifters

WMO buoy Identifier	ARGOS Identifier	Position: 13 April 1995		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
17603	22576	36.3S	5.1W	-	-	X	-	X	-	-	-	-	-	-
17604	22582	34.10S	6.7W	-	-	X	-	X	-	-	-	-	-	-
17606	22575	42.5S	8.5W	-	-	X	-	X	-	-	-	-	-	-
17607	22589	45.9S	22.3E	-	-	X	-	X	-	-	-	-	-	-
17610	22590	51.8S	1.2W	-	-	+	-	X	-	-	-	-	-	-
17612	22579	44.6S	7.5E	-	-	X	-	X	-	-	-	-	-	-
17613	22581	53.2S	17.7E	-	-	X	-	X	-	-	-	-	-	-
33531	22592	34.7S	15.6W	-	-	X	-	X	-	-	-	-	-	-
33532	22578	35.2S	14.2W	-	-	X	-	X	-	-	-	-	-	-
33533	22586	36.6S	13.10W	-	-	X	-	X	-	-	-	-	-	-
33534	22588	39.2S	35.7W	-	-	X	-	X	-	-	-	-	-	-
33535	22594	44.2S	5.8E	-	-	X	-	X	-	-	-	-	-	-
33536	22591	47.2S	3.2W	-	-	X	-	X	-	-	-	-	-	-
33537	22577	49.5S	19.10W	-	-	X	-	X	-	-	-	-	-	-
33538	22584	52.8S	14.8W	-	-	X	-	X	-	-	-	-	-	-
33539	22587	45.5S	3.4E	-	-	X	-	X	-	-	-	-	-	-
33540	22585	44.3S	21.3W	-	-	X	-	X	-	-	-	-	-	-
33541	22580	60.2S	20.5W	-	-	X	-	X	-	-	-	-	-	-

+ Sensor/system failure

4.4 United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the April 1995 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 BUOY code.

4.4.1 Moored Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 13-20 April 1995		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
41001*		34.7N	72.6W	+	+	+	-	+	+	+	-	-	-	-
41002*		32.3N	75.2W	X	X	X	-	X	X	X	-	-	-	-
41004		32.5N	79.1W	X	+	+	-	X	X	X	-	-	-	-
41006*		29.3N	77.3W	X	X	X	-	X	X	X	-	-	-	-
41009		285N	80.2W	X	X	X	-	X	X	X	-	-	-	-
41010		28.9N	78.5W	X	X	X	-	X	X	X	-	-	-	-

**C. Information on the operational status of elements of the surface-based sub-system/
4. Automatic marine stations/ 4.4 United States of America / 4.4.1 Moored Buoys (continued)**

WMO buoy Identifier	ARGOS Identifier	Position: 13-20 April 1995		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
41016		24.6N	76.5W	X	X	X	-	X	X	X	-	-	-	-
41018		150.0N	75.0W	+	+	+	-	+	+	+	-	-	-	-
41021		31.9N	80.9W	X	X	X	-	X	X	X	-	-	-	-
42001*		25.0N	89.7W	X	X	X	-	X	X	X	-	-	-	-
42002*		25.9N	93.6W	X	X	X	-	X	X	X	-	-	-	-
42003*		25.9N	85.9W	X	X	X	-	X	.	.	-	-	-	-
42007		30.1N	8.8W	X	X	X	-	X	.	.	-	-	-	-
42020		27.0N	96.5W	X	X	X	-	+	X	X	-	-	-	-
42025		24.9N	80.5W	.	X	.	-	X	X	X	-	-	-	-
42035		29.2N	94.4W	X	X	X	-	X	X	X	-	-	-	-
42036		28.5N	84.5W	X	X	X	-	X	X	X	-	-	-	-
42037		24.5N	81.4W	X	X	X	-	X	X	X	-	-	-	-
44004*		38.5N	70.7W	+	X	X	-	X	X	X	-	-	-	-
44005*		4.9N	68.9W	X	X	X	-	X	X	X	-	-	-	-
44006		36.3N	5.5W	X	X	X	-	X	.	.	-	-	-	-
44007		43.5N	70.1W	X	X	X	-	X	X	X	-	-	-	-
44008		40.5N	69.4W	X	+	X	-	X	X	X	-	-	-	-
44009		38.5N	74.7W	X	X	X	-	X	X	X	-	-	-	-
44010		36.0N	75.0W	X	X	X	-	X	.	.	-	-	-	-
44011*		41.1N	66.6W	X	X	X	-	X	X	X	-	-	-	-
44013		42.4N	70.7W	X	X	X	-	+	X	X	-	-	-	-
44014		36.6N	74.8W	X	X	+	-	+	+	+	-	-	-	-
44019		36.4N	75.2W	X	X	X	-	X	+	+	-	-	-	-
44025		40.3N	73.2W	X	X	X	-	X	X	X	-	-	-	-
44028*		41.4N	71.1W	X	X	X	-	X	X	X	-	-	-	-
45001*		48.0N	87.8W	X	X	X	-	X	X	X	-	-	-	-
45002*		45.3N	86.4W	X	X	X	-	X	X	X	-	-	-	-
45003*		45.3N	82.8W	X	X	X	-	X	X	X	-	-	-	-
45004*		4.5N	86.5W	X	X	X	-	X	X	X	-	-	-	-
45005*		41.7N	82.4W	X	X	X	-	X	X	X	-	-	-	-
45006*		4.3N	89.9W	X	X	X	-	X	X	X	-	-	-	-
45007*		4.7N	87.1W	X	X	X	-	X	X	X	-	-	-	-
45008*		44.3N	82.4W	+	+	+	-	+	+	+	-	-	-	-
45010		43.0N	87.8W	X	X	X	-	X	X	X	-	-	-	-
46001*		56.3N	148.2W	+	+	X	-	X	X	X	-	-	-	-
46002*		42.5N	130.3W	X	X	X	-	X	X	X	-	-	-	-
46003*		51.9N	155.9W	+	+	X	-	+	X	X	-	-	-	-
46005*		46.1N	131.0W	X	X	X	-	X	X	X	-	-	-	-

**C. Information on the operational status of elements of the surface-based sub-system /
4. Automatic marine stations/ 4.4 United States of America / 4.4.1 Moored Buoys (continued)**

WMO buoy Identifier	ARGOS Identifier	Position: 13-20 April 1995		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
46006*		40.9N	137.5W	X	X	X	-	X	X	X	-	-	-	-
46011		34.9N	120.9W	+	X	X	-	X	X	X	-	-	-	-
46013		38.2N	123.3W	X	X	X	-	X	X	X	-	-	-	-
46014*		39.2N	124.0W	X	X	X	-	X	X	X	-	-	-	-
46022		40.8N	124.5W	X	X	X	-	X	X	X	-	-	-	-
46023		34.3N	120.7W	X	X	X	-	X	X	X	-	-	-	-
46025		33.7N	119.1W	X	X	X	-	X	X	X	-	-	-	-
46026		37.7N	122.8W	X	X	X	-	X	X	X	-	-	-	-
46027		41.9N	124.4W	X	X	X	-	X	X	X	-	-	-	-
46028*		35.7N	121.9W	X	X	X	-	X	X	X	-	-	-	-
46029		46.2N	124.2W	+	+	+	-	+	+	+	-	-	-	-
46030		40.4N	124.5W	+	X	X	-	X	X	X	-	-	-	-
46035		57.0N	177.7W	X	X	X	-	X	X	X	-	-	-	-
46041		47.4N	124.5W	+	X	X	-	X	X	X	-	-	-	-
46042		36.8N	122.4W	X	X	X	-	X	X	X	-	-	-	-
46045		33.8N	118.4W	+	X	X	-	X	X	X	-	-	-	-
46050		44.6N	124.5W	+	X	X	-	+	X	X	-	-	-	-
46053		34.2N	119.8W	X	X	X	-	X	X	X	-	-	-	-
46054		34.3N	120.4W	X	X	X	-	X	X	X	-	-	-	-
46059		38.0N	130.0W	X	X	X	-	X	X	X	-	-	-	-
51001*		23.4N	162.3W	X	X	X	-	X	X	X	-	-	-	-
51002		17.2N	157.8W	X	X	X	-	X	+	+	-	-	-	-
51003*		19.1N	160.8W	X	X	X	-	X	X	X	-	-	-	-
51004*		17.4N	152.5W	X	X	X	-	X	X	X	-	-	-	-
51026		21.4N	156.9W	X	X	X	-	X	X	X	-	-	-	-
51027		20.4N	157.1W	X	X	X	-	X	X	X	-	-	-	-

Total base funded buoys: =	29
Total other buoys: =	42
TOTAL moored buoys:	71

* Base funded station of National Weather Service (NWS); however, all stations report data to NWS.

+ Sensor/system failure

**C. Information on the operational status of elements of the surface-based sub-system /
4. Automatic Marine Stations / 4.4 United States of America (continued)**

4.4.2 Drifting Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 19-20 April 1995		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
16811	17180	34°S	081°E	.	X	X	-	X	.	.	.	-	-	-
17810	17182	38°S	014°E	.	X	X	-	X	.	.	.	-	-	-
17818	17175	38°S	041°E	.	X	X	-	+	.	.	.	-	-	-
17819	17174	43°S	121°E	.	+	+	-	X	.	.	.	-	-	-
17821	17176	38°S	061°E	.	+	X	-	X	.	.	.	-	-	-
17822	17184	41°S	042°E	.	X	X	-	+	.	.	.	-	-	-
32811	17170	19°S	091°W	.	+	X	-	X	.	.	.	-	-	-
32812	17171	28°S	123°W	.	X	X	-	X	.	.	.	-	-	-
32813	17172	29°S	094°W	.	+	X	-	X	.	.	.	-	-	-
32814	17161	29°S	094°W	.	+	X	-	+	.	.	.	-	-	-
33838	17163	27°S	008°W	.	+	X	-	X	.	.	.	-	-	-
33839	17164	27°S	005°W	.	+	X	-	X	.	.	.	-	-	-
33840	17165	36°S	051°E	.	+	X	-	+	.	.	.	-	-	-
33841	17166	29°S	005°W	.	+	X	-	X	.	.	.	-	-	-
33843	20714	50°S	003°W	.	X	X	-	X	.	.	.	-	-	-
46551	20705	44°N	163°W	+	X	X	-	X	.	.	.	-	-	-
46552	20706	39°N	160°W	+	+	X	-	X	.	.	.	-	-	-
46553	20710	48°N	163°W	X	X	X	-	X	.	.	.	-	-	-
46554	20712	34°N	154°W	X	+	X	-	X	.	.	.	-	-	-
46555	20707	45°N	165°W	X	X	X	-	X	.	.	.	-	-	-
46556	20711	50°N	174°W	X	X	X	-	X	.	.	.	-	-	-
46557	20709	34°N	169°W	X	+	X	-	X	.	.	.	-	-	-
46558	20708	40°N	166°W	X	X	X	-	X	.	.	.	-	-	-
53825	20715	10°S	121°E	.	+	X	-	+	.	.	.	-	-	-
54807	20718	53°S	088°W	.	X	X	-	X	.	.	.	-	-	-
54808	20722	57°S	077°W	.	X	X	-	X	.	.	.	-	-	-
54809	20719	38°S	176°W	.	X	X	-	X	.	.	.	-	-	-
54810	17181	30°S	175°W	.	X	X	-	X	.	.	.	-	-	-
54811	20713	43°S	142°W	.	X	X	-	X	.	.	.	-	-	-
54812	17178	52°S	104°W	.	X	X	-	X	.	.	.	-	-	-
54813	20717	44°S	152°W	.	X	X	-	X	.	.	.	-	-	-
54814	05127	28°S	162°W	.	X	X	-	X	.	.	.	-	-	-
54845	17162	41°S	166°W	.	X	X	-	X	.	.	.	-	-	-
55801	20721	39°S	154°E	.	+	X	-	X	.	.	.	-	-	-
56804	1977	40°S	128°E	.	+	X	-	X	.	.	.	-	-	-
56806	1984	26°S	067°E	.	X	X	-	X	.	.	.	-	-	-
56807	20716	19°S	079°E	.	+	X	-	X	.	.	.	-	-	-
56808	20720	22°S	079°E	.	X	X	-	X	.	.	.	-	-	-
56809	17169	26°S	090°E	.	X	X	-	X	.	.	.	-	-	-
56810	17185	28°S	088°E	.	X	X	-	X	.	.	.	-	-	-

335 drifting buoys have been deployed in support of TOGA; 32 are operational

+ Sensor/system failure

**C. Information on the operational status of elements of the surface-based sub-system/
4. Automatic Marine Stations (continued)**

4.7 United Kingdom of Great Britain and Northern Ireland

4.7.1 Moored buoys, light vessels, islands and fixed platforms

WMO buoy Identifier	ARGOS Identifier	Position: 19 April 1995		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
03007†		60°35'N	01°16'W	X	X	-	-	-	-	-	X	-	X	-
03010†		59°05'N	04°24'W	X	X	X	X	-	-	-	X	-	X	-
03011†		59°08'N	05°50'W	X	X	X	X	-	-	-	X	-	X	-
03014†		60°07'N	02°04'W	X	X	X	X	-	-	-	X	-	X	-
03695†		51°40'N	01°06'E	X	X	X	X	-	-	-	X	-	X	-
62026		55°18'N	02°18'E	-	-	X	X	-	-	-	-	-	-	-
62029		48°42'N	12°25'W	X	X	X	X	X	X	-	X	-	X	-
62081		51°00'N	13°20'W	X	X	X	X	X	X	-	X	-	X	-
62101		50°37'N	02°44'W	-	-	-	-	-	-	-	-	-	-	-
62103*		49°55'N	02°54'W	X	X	X	X	X	X	-	X	-	X	X
62105		56°13'N	12°41'W	-	-	-	-	-	-	-	-	-	-	-
62106		57°00'N	09°52'W	X	X	X	X	X	X	-	X	-	X	-
62107*		50°04'N	06°04'W	X	X	X	X	X	X	-	X	-	X	X
62108		53°34'N	15°30'W	X	X	X	X	X	X	-	-	-	X	-
62112†		58°42'N	01°17'E	X	X	X	X	-	-	-	X	-	X	-
62118†		57°45'N	00°55'E	X	X	X	X	-	-	-	X	-	X	-
62124†		54°35'N	01°26'E	X	X	X	X	-	-	-	X	-	X	-
62126†		58°51'N	03°35'W	X	X	X	X	-	-	-	X	-	X	-
62129†		53°03'N	02°14'E	X	X	X	X	-	-	X	X	-	X	-
62301		52°10'N	05°05'W	-	-	-	-	-	-	-	-	-	-	-
62302		54°08'N	03°37'W	-	-	-	-	-	-	-	-	-	-	-
62303		51°31'N	04°56'W	X	X	X	X	X	X	-	X	-	X	-
62304*		51°09'N	01°47'E	X	X	X	X	X	X	-	X	-	X	X
62305*		50°25'N	00°00'W	X	X	X	X	X	X	-	X	-	X	X
63103†		61°14'N	01°09'E	X	X	X	X	-	-	-	X	-	X	-
63111†		59°33'N	01°32'E	X	X	X	X	-	-	X	X	-	X	-
64045		59°15'N	11°41'W	X	X	X	X	X	X	-	X	-	X	-

† Fixed platforms or islands
* Automatic light vessels

**C. Information on the operational status of elements of the surface-based sub-system /
4. Automatic Marine Stations / 4.7 United Kingdom of Great Britain and Northern Ireland (continued)**

4.7.2 Drifting Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 19 April 1995		Observed or technical parameters										
		Latitude	Longitude	1	2	3	4	5	6	7	8	9	10	11
25013	4065#	84.2N	129.4E	-	X	X	-	-	-	-	-	-	-	-
25565	1639#	61.7N	37.0W	-	X	X	-	-	-	-	-	-	-	-
44616	3318	54.4N	36.4W	X	X	X	X	X	-	-	-	-	-	-
44624	6292	50.5N	16.2W	X	X	X	X	X	-	-	-	-	-	-
44726	6296	53.4N	17.0W	-	X	X	X	X	-	-	-	-	-	-
44728	3024	55.2N	35.5W	-	X	X	X	X	-	-	-	-	-	-
44742	2953	57.9N	35.6W	X	X	X	X	X	-	-	-	-	-	-
44764	6306	60.0N	10.8W	X	X	X	X	X	-	-	-	-	-	-
44776	6305	60.1N	4.1W	X	X	X	X	X	-	-	-	-	-	-
44780	1250	55.3N	9.9W	-	X	X	X	X	-	-	-	-	-	-
62524	4625	25.8N	42.8W	-	X	X	X	X	-	-	-	-	-	-
62696	6288	72.6N	19.5E	-	-	X	X	X	-	-	-	-	-	-
62805	2927	57.8N	27.8W	-	-	X	X	X	-	-	-	-	-	-
	3324	53.3N	45.2W	X	X	X	X	X	-	-	-	-	-	-

Ice Drifter

5. ARGOS SERVICE

5.1 ARGOS monthly status report

Date of statistics computation : 4 April 1995

•Reports handled by ARGOS Service (list of monthly collected ARGOS platforms sorted by type of platform)

Drifting Buoys	:	969
Boats (<20 knots)	:	0
Marine Stations	:	7
Moored Buoys	:	288
Fixed Stations	:	412
Terrestrial Animals	:	79
Marine Animals	:	100
Birds	:	45
Balloons	:	6
TOTAL		: 1906

**C. Information on the operational status of elements of the surface-based sub-system/
5. ARGOS service / 5.1 ARGOS monthly status report (continued)**

•Reports for insertion into the GTS (list of monthly collected GTS platforms on every GTS site sorted by type of platform)

Transmission to RTH Paris:

Boats (less than 20 knots)	:	0
Drifting Buoys	:	97
Fixed Stations	:	9
Marine Stations	:	1
Moored Buoys	:	1
Synoptic PTT	:	1

Transmission to NWS Washington:

Drifting Buoys	:	450
Fixed Stations	:	7
High Speed	:	0
Moored Buoys	:	59

•GTS coding statistics of platforms reporting through ARGOS and distributed over the GTS

BUOY =	131873
SYNOP =	5523
BATHY =	453
TOTAL:	137849

8. FEED-BACK FROM MEMBERS TO THE SECRETARIAT ON ANY CHANGES IN THE OBSERVING NETWORK

In view of the difficulties experienced 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, a special table accompanied by explanatory notes (see Appendix I) is attached, 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.

Members are urged to fill in the special table as and when appropriate, and to return it to the Secretariat **before the 20th of each month** to enable changes to be included in the next "OPERATIONAL NEWSLETTER".

Explanatory Notes

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 (for Volume A and the Catalogue of meteorological Bulletins), and particularly for stations included in the Regional Basic Synoptic Networks (RBSN).

2. For entries in these tables, the following should be taken into account:

Column A: The index number (IIiii) and name of each station should be entered in case of any changes in the observing programmes of the stations;

Column B: The Latitude and the Longitude in degrees and minutes with the appropriate letters (N, S, E and W) should be indicated;

Column C: The TTAAii CCCC of the abbreviated heading of the meteorological bulletins which contains reports from the station should be inserted;

Column D: "X" for implementation and "-" for non-implementation should be inserted as appropriate. In order to easily identify changes in the programme, these should be marked in red;

Column E: HP= the elevation of the station in metres (the datum level to which barometric pressure reports at the station refer);
 H = the elevation of the ground, in metres, (average level of terrain in immediate vicinity of station), is given for stations not located on aerodromes;
 HA = the official altitude of the aerodrome is given for stations located on aerodromes and is indicated by the letter "A" in the column "Other observations and Remarks" of Volume A;

Column F: For those stations not indicating pressure reduced to mean sea level (group 4PPPP) in their synoptic reports, the entry in this column shows which information is reported in lieu of group 4PPPP:

STATION	Pressure at station level reported using group 3P _o P _o P _o P _o
1000 hPa	geopotential of the given standard isobaric surface reported using group 4a3hhh
850 hPa	
700 hPa	
500 hPa	

Column G: Reasons for 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, and also possible alternate observing stations, as appropriate.

3. These tables should be sent to the Secretariat **before the 20th of the month** for inclusion in the "OPERATIONAL NEWSLETTER", as appropriate.

Annex II

GLOBAL DATA-PROCESSING SYSTEM

B. INFORMATION ON OPERATIONAL STATUS OF GDPS

1. LIST OF RADIOSONDE STATIONS FOR VERIFICATION OF NWP

Update to lists of Radiosonde Stations used in the Standardized Verification of NWP for 1995

The following are the updates to the lists of radiosonde stations to be used in the standardized verification of operational numerical weather prediction. As requested by CBS, these updates have been prepared by ECMWF and sent for comments to other lead centres for data monitoring. The complete lists resulting from these updates are also included for reference.

The new lists should be implemented as soon as possible, preferably for June 1995.

NORTH AMERICA (25N-60N, 145W-50W)			
Remove		Add	
70398 (consolidated list of suspect stations - height)	72363 (consolidated list of suspect stations - height)	71197	72501
71815 (insufficient observations)	72407 (station closure)	72206	72558
72213 (station closure)	72493 (consolidated list of suspect stations - height)	72215	72632
72229 (station closure)	72553 (station closure)	72230	72659
72247 (station closure)	72583 (station closure)	72249	72776
72260 (station closure)	72606 (station closure)	72305	74389
72270 (consolidated list of suspect stations - height)	72637 (station closure)	72486	
72304 (station closure)	72654 (station closure)		
72311 (station closure)	72775 (station closure)		

EUROPE (25N-70N, 10W-28E)			
Remove		Add	
02465 (station closure)	16754 (insufficient observations)	01400	
10384 (station closure)	33631 (consolidated list of suspect stations - height)	15420	
11035 (consolidated list of suspect stations - height)	60390 (consolidated list of suspect stations - wind)	60155	

ASIA (25N-65N, 60E-145E)			
Remove		Add	
24908 (consolidated list of suspect stations - height)	52267 (consolidated list of suspect stations - height)	58725	
29574 (station closure)	54218 (consolidated list of suspect stations - height)	36870	
29865 (station closure)	54342 (consolidated list of suspect stations - height)	57993	
36177 (consolidated list of suspect stations - height)	56146 (consolidated list of suspect stations - height)		
38353 (insufficient observations)	56294 (consolidated list of suspect stations - height)		
38687 (insufficient observations)	56739 (consolidated list of suspect stations - height)		
47158 (consolidated list of suspect stations - wind)	57957 (consolidated list of suspect stations - height)		
47185 (consolidated list of suspect stations - height)	58424 (consolidated list of suspect stations - height)		
47580 (consolidated list of suspect stations - wind)	58606 (consolidated list of suspect stations - wind)		
47744 (consolidated list of suspect stations - wind)	58665 (consolidated list of suspect stations - height)		
47778 (consolidated list of suspect stations - wind)	58847 (consolidated list of suspect stations - height)		

**B. Information on operational status of GDPS/
1. List of radiosonde stations for verification of NWP (continued)**

AUSTRALIA/NEW ZEALAND (55S-10S, 90E-180E)			
Remove		Add	
94380 (insufficient observations)	94750 (insufficient observations)	94430	

TROPICS (20S-20N)			
Remove		Add	
48455 (consolidated list of suspect stations - wind)	83378 (consolidated list of suspect stations - height)	61024	
61052 (consolidated list of suspect stations - wind)	91217 (consolidated list of suspect stations - height)	61223	
61291 (consolidated list of suspect stations - wind)	91765 (consolidated list of suspect stations - height)	76723	
65578 (consolidated list of suspect stations - wind)	96237 (consolidated list of suspect stations - height)	48900	
78866 (consolidated list of suspect stations - wind)	96935 (consolidated list of suspect stations - wind)	41316	
80001 (consolidated list of suspect stations - wind)	98444 (insufficient observations)	97072	
82193 (consolidated list of suspect stations - wind)			

N. HEMISPHERE (20N-90N)			
Remove		Add	
02465 (station closure)	54218 (consolidated list of suspect stations - height)	01400	
10384 (station closure)	56146 (consolidated list of suspect stations - height)	17352	
11035 (consolidated list of suspect stations - height)	56294 (consolidated list of suspect stations - height)	20744	
13130 (consolidated list of suspect stations - height)	56739 (consolidated list of suspect stations - height)	23330	
16754 (insufficient observations)	57957 (consolidated list of suspect stations - height)	31088	
17280 (consolidated list of suspect stations - wind)	58424 (consolidated list of suspect stations - height)	33317	
20353 (insufficient observations)	58606 (consolidated list of suspect stations - wind)	36870	
21965 (insufficient observations)	58665 (consolidated list of suspect stations - height)	40179	
22820 (consolidated list of suspect stations - height)	58847 (consolidated list of suspect stations - height)	41923	
24266 (consolidated list of suspect stations - height)	60390 (consolidated list of suspect stations - wind)	58725	
24908 (consolidated list of suspect stations - height)	70133 (consolidated list of suspect stations - height)	60155	
25399 (consolidated list of suspect stations - wind)	70273 (consolidated list of suspect stations - height)	60252	
25400 (consolidated list of suspect stations - height)	70326 (consolidated list of suspect stations - height)	70231	
25954 (consolidated list of suspect stations - height)	70398 (consolidated list of suspect stations - height)	70261	
26422 (consolidated list of suspect stations - height)	71625 (consolidated list of suspect stations - wind)	70308	
26477 (consolidated list of suspect stations - height)	71815 (insufficient observations)	71197	
27595 (consolidated list of suspect stations - height)	72213 (station closure)	72206	
27612 (consolidated list of suspect stations - height)	72221 (insufficient observations)	72215	
29574 (station closure)	72229 (station closure)	72230	
29865 (station closure)	72247 (station closure)	72249	
32165 (consolidated list of suspect stations - wind)	72260 (station closure)	72265	
33041 (insufficient observations)	72270 (consolidated list of suspect stations - height)	72305	
33345 (consolidated list of suspect stations - height)	72304 (station closure)	72486	
33631 (consolidated list of suspect stations - height)	72311 (station closure)	72501	
34172 (consolidated list of suspect stations - height)	72363 (consolidated list of suspect stations - height)	72558	
36177 (consolidated list of suspect stations - height)	72407 (station closure)	72632	
38353 (insufficient observations)	72493 (consolidated list of suspect stations - height)	72659	

**B. Information on operational status of GDPS/
1. List of radiosonde stations for verification of NWP (continued)**

N. HEMISPHERE (20N-90N)			
Remove		Add	
38687 (insufficient observations)	72553 (station closure)	72776	
38880 (consolidated list of suspect stations - height)	72583 (station closure)	74389	
40582 (consolidated list of suspect stations - wind)	72606 (station closure)		
47158 (consolidated list of suspect stations - wind)	72637 (station closure)		
47185 (consolidated list of suspect stations - height)	72654 (station closure)		
47580 (consolidated list of suspect stations - wind)	72775 (station closure)		
47744 (consolidated list of suspect stations - wind)	76458 (consolidated list of suspect stations - height)		
47778 (consolidated list of suspect stations - wind)	76644 (insufficient observations)		
52267 (consolidated list of suspect stations - height)	91165 (consolidated list of suspect stations - height)		

S. HEMISPHERE (90S-20S)			
Remove		Add	
83780 (consolidated list of suspect stations - height)		94430	89022
83971 (consolidated list of suspect stations - height)		68174	68461
94750 (insufficient observations)		68442	68906
		83840	89002
		87155	85543

- The complete list resulting from these updates is listed below:

NORTH AMERICA (25N-60N, 145W-50W)							
70361	71109	71119	71197	71203	71600	71603	71722
71801	71811	71816	71823	71836	71845	71867	71896
71906	71907	71913	71934	71945	72201	72203	72206
72208	72210	72214	72215	72230	72233	72235	72240
72249	72250	72251	72261	72293	72305	72317	72327
72340	72349	72357	72365	72374	72387	72393	72402
72403	72425	72429	72435	72451	72456	72469	72476
72486	72501	72518	72520	72528	72532	72558	72562
72572	72576	72597	72632	72645	72655	72659	72662
72694	72712	72734	72747	72764	72768	72776	72785
72797	74389	74494	74794	76225	76256	78016	78073

EUROPE (25N-70N, 10W-28E)							
01152	01241	01384	01400	01415	02185	02365	02527
02591	02836	02935	02963	03005	03026	03240	03322
03496	03743	03808	03882	03920	03953	06011	06181
06260	06447	06610	07110	07145	07180	07481	07510
07645	07761	08001	08023	08160	08221	08301	08430

**B. Information on operational status of GDPS/
1. List of radiosonde stations for verification of NWP (continued)**

EUROPE (25N-70N, 10W-28E) (continued)							
08495	10035	10184	10338	10393	10410	10486	10548
10739	10868	11520	11952	12120	12374	12425	12843
15120	15420	15614	16044	16080	16144	16245	16320
16429	16560	16622	16716	26038	26629	26850	33008
60155	60715	62010					

ASIA (25N-65N, 60E-145E)							
23552	23884	23921	23955	24507	24688	24817	24944
24959	28275	28440	28661	28698	28952	29231	29263
29612	29634	29698	30054	30230	30309	30372	30521
30554	30635	30673	30692	30715	30758	30935	30965
31004	31088	31329	31369	31735	31873	31909	31960
32061	32150	35394	35746	35796	36870	38062	38341
38457	38954	41640	47041	47122	47138	47401	47412
47582	47590	47600	47646	47678	47681	47807	47827
47909	47936	47945	47971	50527	51076	51431	51463
51644	51709	51777	51828	51848	52203	52323	52418
52533	52681	52818	52836	52866	52889	53068	53463
53513	53614	53845	53915	54292	54374	54511	54662
54823	54857	55299	55591	56029	56080	56137	56571
56691	56778	57036	57127	57178	57447	57461	57494
57749	57816	57972	57993	58027	58150	58203	58238
58362	58457	58633	58725	58968			

AUSTRALIA/NEW ZEALAND (55S-10S, 90E-180E)							
91557	91592	91680	93012	93417	93844	93944	94120
94150	94203	94294	94299	94302	94312	94326	94332
94374	94403	94430	94461	94510	94527	94578	94610
94637	94638	94646	94659	94672	94711	94776	94802
94821	94865	94910	94975	94995	94996	94998	96996

TROPICS (20S-20N)							
08594	41114	41316	48565	48568	48601	48615	48648
48657	48698	48855	48900	61024	61223	61641	61901
61902	61967	61976	63450	63741	63985	64700	64910
67083	67237	76654	76679	76692	76723	78384	78397
78526	78583	78762	78806	78897	78954	78970	78988
80222	80413	81405	82400	84008	91245	91285	91334
91348	91366	91376	91408	91413	91492	91517	91557
91610	91643	91680	91801	91925	91938	91943	91944
94035	94120	94150	94203	94294	94299	96035	96315
96413	96441	96471	96481	96996	97072	97180	

**B. Information on operational status of GDPS/
1. List of radiosonde stations for verification of NWP (continued)**

N. HEMISPHERE (20N-90N)							
01001	01004	01028	01152	01241	01384	01400	01415
02185	02365	02527	02591	02836	02935	02963	03005
03026	03213	03240	03322	03496	03502	03693	03743
03808	03882	03920	03953	04018	04202	04220	04270
04320	04339	04360	06011	06181	06260	06447	06610
07110	07145	07180	07481	07510	07645	07761	08001
08023	08160	08221	08301	08430	08495	08508	10035
10184	10338	10393	10410	10486	10548	10739	10868
11520	11952	12120	12374	12425	12843	15120	15420
15614	16044	16080	16144	16245	16320	16429	16560
16622	16716	17130	17220	17352	17607	20046	20107
20292	20744	20891	21432	21504	21647	21824	21982
22113	22217	22550	22845	23022	23205	23330	23472
23552	23804	23884	23921	23955	24125	24343	24507
24688	24817	24944	24959	25173	25563	25677	25703
25913	26038	26063	26298	26629	26781	26850	27037
27196	27553	27707	27731	27962	28225	28275	28440
28661	28698	28722	28900	28952	29231	29263	29612
29634	29698	30054	30230	30309	30372	30521	30554
30635	30673	30692	30715	30758	30935	30965	31004
31088	31300	31329	31369	31735	31873	31909	31960
32061	32150	32186	32217	32389	32540	32618	33008
33317	33815	34009	34122	34300	34560	34858	34880
35121	35229	35394	35700	35746	35796	36870	37549
38062	38341	38392	38457	38507	38954	40007	40080
40179	40373	40375	40394	40416	40437	40706	40745
40754	40766	40800	40848	41170	41217	41640	41923
45004	47122	47138	47401	47412	47420	47582	47590
47600	47646	47678	47681	47807	47827	47881	47909
47918	47936	47945	47971	47991	48042	50527	51076
51431	51463	51644	51709	51777	51828	51848	52203
52323	52418	52533	52681	52818	52836	52866	52889
53068	53463	53513	53614	53845	53915	54292	54374
54511	54823	54857	55299	55591	56029	56080	56137
56571	56691	56778	56964	57036	57127	57178	57447
57461	57494	57749	57816	57972	58027	58150	58203
58238	58362	58457	58633	58725	58968	59134	59211
59265	59287	59316	59431	60020	60155	60252	60715
60760	70026	70200	70231	70261	70308	70361	70454
71043	71072	71081	71082	71109	71119	71197	71203
71600	71603	71722	71801	71811	71816	71823	71836
71845	71867	71896	71906	71907	71909	71913	71915
71917	71924	71925	71926	71934	71945	71957	71964

**B. Information on operational status of GDPS/
1. List of radiosonde stations for verification of NWP (continued)**

N. HEMISPHERE (20N-90N)(continued)							
72201	72203	72206	72208	72210	72214	72215	72230
72233	72235	72240	72249	72250	72251	72261	72265
72293	72305	72317	72327	72340	72349	72357	72365
72374	72387	72393	72402	72403	72425	72429	72435
72451	72456	72469	72476	72486	72501	72518	72520
72528	72532	72558	72562	72572	72576	72597	72632
72645	72655	72659	72662	72694	72712	72734	72747
72764	72768	72776	72785	72797	74389	74494	74794
76225	76256	76612	78016	78073			

S. HEMISPHERE (90S-20S)							
61996	61998	68110	68174	68263	68424	68442	68461
68512	68538	68588	68816	68842	68906	68994	83840
85442	85543	85799	87155	87576	87623	87715	87860
88889	89002	89022	89532	89542	89564	89571	89611
91592	91952	91958	93012	93417	93844	93944	93986
93997	94302	94312	94326	94332	94374	94403	94430
94461	94510	94527	94578	94610	94637	94638	94646
94659	94672	94711	94776	94802	94821	94865	94910
94975	94995	94996	94998				

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

•Region VI-Part iii (Germany)

Offenbach(Main)-Mainflingen (DCF37) radio-facsimile broadcast effective 04.04.1995.

CHANGES

1. MID PROG SWH AT 0236, 0836, 1436 and 2036 UTC :
 - Replace: PGCE15 EDZW by PGCE06 EGRR and PGCD15 EDZW by PGCD06 EGRR
 - Replace FL 250 - 450 by FL 250 - 630
 - Delete the CFFFF-numbers in column 5.
2. EUR PROG SWM/SWH at 0248, 0848, 1448 and 2048 UTC :
 - Replace: PGDE15 EDZW by PGDE15 EGRR and PGDD15 EDZW by PGDD15 EGRR
 - Delete the CFFFF-numbers in column 5.
3. Details of chart No. 32 at 0921 UTC
 - TEMP, selected ascents- has been changed: therefore change of footnote as follows:
Stations deleted : 03: 322, 10: 046, 548, 921
Stations inserted : 03: 808, 10: 272, 437, 828

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

•Part Aii - Region VI (Germany)

Offenbach(Main)-Mainflingen (DCF37) radio-facsimile broadcast effective 04.04.1995.

CHANGES

1. MID PROG SWH AT 0236, 0836, 1436 and 2036 UTC :
 - Replace: PGCE15 EDZW by PGCE06 EGRR and PGCD15 EDZW by PGCD06 EGRR
 - Replace FL 250 - 450 by FL 250 - 630
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