



ПЕРВЫЕ МЕТЕОРОЛОГИЧЕСКИЕ НАБЛЮДЕНИЯ В ЕКАТЕРИНБУРГЕ.

*проект в Санкт-Петербурге 22. 22. 1734 г. 1734 г.
Сибирский оборот через Алтай. Ближайшие горы арте
матическая.
Открытие метеорологической станции в
Екатеринбурге 15 января 1734 г.*

дн	в	барометр	термометр	ветер	Погода
15	8 ч	2723	160	W 4	пасмурно.
	12 ч	2716	165	W 3	пасмурно.
	12 ч	2713	165	W 2	почти светлая погода, небольшие облака восточнее.
	8 ч	2713	165	W 4	небольшая туманность, восточнее, восточнее.
17	6 ч	2708	168	W 1	снег в долине протоптанный.
	9 ч	...	...	W 4	пасмурно
	12 ч	2705	163	W 2	пасмурно
18	8 ч	2697	161	W 2	небольшая туманность восточнее, небольшие светлые облака против юга.
	6 ч	2699	158	W 2	мрачно туманная погода в долине.
	12 ч	2705	158	W 2	
19	8 ч	2715	157	W 2	
	6 ч	2715	156	0 0	пасмурно.
	12 ч	2703	157	W 1	мрачно туманная погода в долине.
20	8 ч	2693	157	W 3	мрачно туманная погода в долине, небольшие облака восточнее.
	12 ч	2693	157	W 1	пасмурно туманная погода.
20	6 ч	2692	157	W 2	пасмурно туманная погода.

Record of the early observations made in the Urals at Ekaterinburg (15-20 January 1734)

Cover picture: Depicts a record of the early observations made in the Urals at Ekaterinburg from 15 to 20 January 1734 by the Observer Andrea Tatichev. The original record is on display at the Meteorological Museum of the Ural Committee for Hydrometeorology and Monitoring of the Environment in Ekaterinburg, Russian Federation.

The WMO Secretariat would like to express its appreciation to all those who have contributed material to the "OPERATIONAL NEWSLETTER."

FOREWORDiii

◆ **ANNEX I — GLOBAL OBSERVING SYSTEM**

C. Information on operational status of elements1-28
of the surface-based sub-system

1. *Publication No. 9, Volume A - Stations*1-3

1.1 New stations1

1.2 Deleted stations1

1.3 Changes to existing stations2

1.5 Temporary changes3-4

3. *Mobile sea stations*4

3.2 Automated Shipboard Aerological Programme (ASAP)4-5

4. *Automatic marine stations*5-10

4.1 Canada5-6

4.1.1 Moored Buoys5-6

4.1.2 Drifting Buoys6

4.2 United States of America7-9

4.2.1 Moored Buoys7-8

4.2.2 Drifting Buoys9

4.3 France9-10

4.3.2 Drifting Buoys10

5. *ARGOS service*10-27

5.1 ARGOS monthly status report10-27

8. *Feed-back from Members to the Secretariat on any changes in the observing network*28

 • Special tableAppendix 1

 • Explanatory NotesAppendix 2

◆ **ANNEX III — GLOBAL TELECOMMUNICATION SYSTEM**

C. Information on the operation of the GTS1-4

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

1.1 New bulletins1

1.3 Changes to bulletins2-3

2. *Transmission schedules (Publication No. 9, Volume C, Chapter II)*4

2.3 Changes in schedules/technical specifications4

◆ **ANNEX V — MARINE METEOROLOGICAL SERVICES (MMS) AND RELATED OCEANOGRAPHIC ACTIVITIES**

C. Information on the operation of Marine Meteorological Services1

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

1.3 Changes in schedules/technical specifications1

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.

The CBS Advisory Working Group recommended that a special table should be added to the "OPERATIONAL NEWSLETTER" to report changes of the present status of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations. You will note, therefore, that an item, '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.



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

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			Re- marks		
				HP	H/HA		00	03	06	09	12	15	18		21	00	06		12	18
71091	Longstaff Bluff, NWT	68° 53' N	75° 08' W	161	162		X	.	X	.	X	.	X	.		.	.	.	.	AUT
71093	Cape Hooper, NWT	68° 28' N	66° 48' W	390	401		X	.	X	.	X	.	X	.		.	.	.	.	AUT
71928	Rody Mtn House, Alta	52° 26' N	114° 55' W	988	988		X	.	X	.	X	.	X	.		.	.	.	.	AUT
67625	Kalabo	14° 51' S	22° 42' E	-	-	-850 hPa	.	X	X	X	X	X	X	.	H03-15	.	.	.	.
71747	Atikokan, Ont.	48° 46' N	91° 38' W	429	424		X	.	X	.	X	.	X	.		.	.	.	.	AUT
01400	Ekofisk	56° 32' N	03° 13' E	-	46		.	.	.	.	.	.	.	.		RW	.	RW	.	
01006	Edgeoya	78° 14' N	22° 47' E	-	42		.	.	.	.	.	.	.	.		.	.	.	.
01016	Senja Grasmyrskogen	69° 17' N	17° 46' E	-	50		.	.	X	.	X	.	X	.		.	.	.	.
01115	Myken	66° 45' N	12° 29' E	13	17		.	X	X	X	X	X	X	X		.	.	.	.
01149	Rana-Basmoen	66° 16' N	13° 59' E	39	31		X	.	X	.	X	.	X	.		.	.	.	.
01154	Litloy Fyr	68° 35' N	14° 18' E	-	50		.	X	X	.	X	.	X	.		.	.	.	.
01203	Krakenes	62° 02' N	04° 59' E	-	41		X	X	X	X	X	X	X	X		.	.	.	.	AUT
01258	Moholt	63° 25' N	10° 26' E	-	118		X	X	X	X	X	X	X	X		.	.	.	.	AUT
01277	Steinkjer	64° 01' N	11° 27' E	-	80		X	X	X	X	X	X	X	X		.	.	.	.	AUT
01375	Kvitfjell	61° 29' N	09° 58' E	-	1028		X	X	X	X	X	X	X	X		.	.	.	.	AUT
01377	Birkebeiner Stadion	61° 08' N	10° 30' E	-	482		X	X	X	X	X	X	X	X		.	.	.	.	AUT
01489	Oslo-Blindern	59° 56' N	10° 43' E	97	24		X	X	X	X	X	X	X	X		.	.	.	.	AUT

1.2 Deleted stations

Index No.	Name
71929	Byron Bay, NWT
71939	Cape Young, NWT
71956	Nicholson Peninsula, NWT
71959	Tuktoyaktuk, NWT
71969	Komakuk Beach, YT
93327	Wanganui Aerodrome AWS
93761	Hororata
71909	Iqaluit Ua, NWT
93472	Masterton
10048	Friedrichsort
10328	Detmold
10392	Muencheberg
10395	Wriezen
10419	Luedenscheid

Index No.	Name
10616	Hahn
10805	Lahr
10900	Bremgarten
01085	Rana Basmoen
01139	Vaeroy Flyplass
01216	Hjelvik I Romsdal
01245	Oppdal Bjorke
01309	Kinn
01345	Olden Vangberg
01352	Dyranut
01356	Lappsteinen
01418	Upsangervatn
01484	Jeloy

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

1.3 Changes to existing stations

Index No.	Name	Surface observations								Obs. H Obs. S	Upper-air				Re- marks
		00	03	06	09	12	15	18	21		00	06	12	18	
06010	Sorvaag/Vagar	.	.	X	X	X	X	.	.		.	.	.	.
67413	Mbala	.	X	X	X	X	.	.	.	H06-15	.	.	.	.
71909	Iqaluit, NWT	X	.	X	.	X	.	X	.	H00-24	RW	.	RW	.	
71920	Cree Lake, SASK	X	.	.	.	X	.	X	.	H00,12-23	P	.	P	P	
71953	Watson Lake, YT	X	.	.	.	X	.	X	.	H00-04,12-23	.	.	.	.
01035	Oteren														
01051	Suolovuopmi														
01057	Cuovdatmohkki														
01199	Sihcajavri														
01278	Verdal-Reppe														
01282	Rorvik/Ryum														
01423	Fister-Tonnevik														
01439	Konsmo-Hoyland														
01446	Hoyfjell- Trovatn														
01470	Gvarv-Lindem														
62386	Minya	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
62463	Hurghada	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
10376	Baruth	X	X	X	X	X	X	X	X		.	.	.	.
10365	Genthin	X	X	X	X	X	X	X	X		.	.	.	.	AUT
01003	Hornsund	.	.	X	X	X	X	X	.		.	.	.	.
01004	Ny-Alesund II	.	.	X	.	X	.	X	.		.	.	.	.
01009	Phippsoya	.	.	.	.	.	.	.	.		.	.	.	.
01049	Alta Lufthavn	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
01059	Banak	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
01065	Karasjok	X	.	X	.	X	.	X	.		.	.	.	.
01089	Kirkenes Lufthavn	X	X	X	X	X	X	X	X	H00-24	.	.	.	.
01155	Bo i Vesteralen II	.	.	X	.	X	.	X	.		.	.	.	.
01278	Verdal-Reppe	.	.	X	X	X	.	X	.		.	.	.	.
01306	Hellisoy Fyr	X	X	X	X	X	X	X	X		.	.	.	.
01366	Sognefjell	X	X	X	X	X	X	X	X		.	.	.	.	AUT
01452	Kristiansand/Kjevik	.	03	X	X	X	X	X	X	S03-23	.	.	.	.
01470	Gvarv-Lindem	.	.	X	.	X	.	X	.		.	.	.	.

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

1.5 Temporary changes

• *Notification from Uzbekistan*

That as from 2 July 1993 due to a lack of expendables (radiosondes and balloons) radiosonde/radiowind observations have been suspended at stations:

- 38927 Termez and
- 38606 Kokand
- Station 38457 Tashkent makes only one upper-air observation daily at 00 UTC.
- Upper-air stations in Uzbekistan use ground equipment AVK-1 and MRZ-3A/

• *Notification from Argentina*

That as from 20 September 1993 the 1200 UTC radiosonde/radiowind observations at station 87418 Mendoza Aero have been resumed.

• *Notification from Australia*

That one hour daylight saving time (summer time) will be introduced as follows:

- Tasmania: from 1600 UTC 2 October 1993 until 1500 UTC 26 March 1994
- Victoria, New South Wales, Australian Capital Territory and South Australia: from 1600 UTC 30 October 1993 until 1500 UTC 5 March 1994.

Western Australia, Queensland and Northern Territory will not be implementing summer time.

Surface observations at stations in those states implementing summer time will be made one hour earlier.

Surface observations at stations in Western Australia, Queensland and Northern Territory will continue to use the present schedule.

Upper-air stations will make ascents one hour earlier at 1615, 2215, 0415 and 1015 UTC as follows :

- Tasmania from 2 October 1993 to 26 March 1994;
- South Australia from 30 October 1993 to 19 March 1994;
- All other upper-air stations in Australia from 30 October 1993 to 5 March 1994;
- Upper-air stations in Western Australia currently perform a routine ascent at 1615 UTC throughout the year. No change will therefore be made to the release time of this ascent due to daylight saving .

Other stations under Australian control will adopt the following schedules :

Index No.	Name	Schedule
94299	Willis Island	will follow Queensland practice
94995	Lord Howe Island	will follow New South Wales practice
94996	Norfolk Island	will follow New South Wales practice
94998	Macquarie Island	entire observation programme one hour earlier
96996	Cocos Island	will follow Western Australian practice

Surface and upper-air programmes of Antarctic stations operated by Australia remain unchanged.

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

1.5 Temporary changes (*continued*)

• *Notification from New Zealand*

That summer time will be implemented from 1400 UTC 3 October 1993 until 1400 UTC 20 March 1994 during which the surface and upper-air observations will be made one hour earlier.

• *Notification from Bulgaria*

That the following equipment is used for radiosonde observations :

METEORIT 1 - MARZ 2-1 RADIOSONDE
 METEORIT 2 - MARZ 2-2 RADIOSONDE

• *Notification from RTH Vienna*

That the Hydrometeorological Service of Croatia has informed that data from Croatia cannot be distributed on the GTS until further notice.

3. Mobile sea stations

3.2 *Automated Shipboard Aerological Programme (ASAP)*

• *Notification from Norway*

That a new radiosonde station (ASAP-station) will be installed on a fixed platform in the North Sea, and is expected to become operational by the end of October. The contracting period with the oil company hosting the station is three years. The project is a joint effort supported by the Meteorological Services of Belgium, Denmark, Germany, the Netherlands, Norway, Sweden and the United Kingdom.

Following the proposals from the second session of the Working Group on Planning and Implementation of the WWW in RA VI, a synoptic station index number has been allocated to this station. Operational information relating to the station is as follows:

01400 Ekofisk 56°32'N, 03°13'E, height 46.2 m upper air soundings at 00 and 12 UTC. Bulletins will be inserted on the GTS in Oslo, with the following catalogue headings:

USNO14	ENMI
UKNO14	ENMI
ULNO14	ENMI
UENO14	ENMI

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

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 18-IX 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

4.1.1 Moored Buoys

• North-east Pacific Ocean:

WMO buoy Identifier	ARGOS Identifier	Position: 4 August 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
46004	07180	50°58'N	135°48'W	X	X	X	X	X	X	X	X	.
46145	08676	54°23'N	132°26'W	X	X	X	X	X	X	X	X	.
46146	07191	49°20'N	123°44'W	X	X	X	X	X	X	X	X	.
46181	07185	53°50'N	128°50'W	X	X	X	X	X	X	X	X	.
46183	07192	53°37'N	131°06'W	X	X	X	X	X	X	X	X	.
46184	07182	53°54'N	138°52'W	X	X	X	X	X	X	X	X	.
46185	07187	52°25'N	129°48'W	X	X	X	X	X	X	X	X	.
46204	07195	51°23'N	128°45'W	X	X	X	X	X	X	X	X	.
46205	07196	54°10'N	134°20'W	X	X	X	X	X	X	X	X	.
46206	07193	48°50'N	126°00'W	X	X	X	X	X	X	X	X	.
46207	08677	50°52'N	129°55'W	X	X	X	X	X	X	X	X	.
46208	07194	52°30'N	132°42'W	X	X	X	X	X	X	X	X	.
46036	05324	48°21'N	133°55'W	X	X	X	X	X	X	X	X	.
46131	08678	49°54'N	124°59'W	X	X	X	X	X	X	X	X	.
46147	07185	51°49'N	131°12'W	X	X	X	X	X	X	X	X	.

• North-west Atlantic Ocean:

WMO buoy Identifier	ARGOS Identifier	Position: 4 August 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
44131	03479	45°51'N	60°49'W	X	X	X	X	X	X	X	X	.
44137	05579	41°13'N	61°21'W	X	X	X	X	X	X	X	X	.
44138	05577	44°14'N	53°38'W	X	X	X	X	X	X	X	X	.
44139	03448	44°19'N	57°21'W	X	X	X	X	X	X	X	X	.
44140*	05576			.	.	X	X	X	X	X	X	.
44141	03449	42°04'N	56°09'W	X	X	X	X	X	X	X	X	.
44142	05578	42°28'N	64°15'W	.	X	X	X	X	X	X	X	.
44143	03479	47°45'N	52°05'W	X	X	X	X	X	X	X	X	.

* Buoy adrift

C. Information on operational status of elements of the surface-based sub-system (continued)
 4. Automatic marine stations / 4.1 Canada (continued)

4.1.1 Moored Buoys (continued)

• Great Lakes:

WMO buoy Identifier	ARGOS Identifier	Position: 4 August 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
45132	N/A	42°29'N	81°13'W	X	X	X	X	X	X	X	X	.
45135	N/A	43°47'N	76°52'W	X	X	X	X	X	X	X	X	.
45136	03477	48°32'N	86°57'W	X	X	X	X	X	X	X	X	.
45137	N/A	45°33'N	81°01'W	X	X	X	X	X	X	X	X	.
45138	08249	49°33'N	65°45'W	X	X	X	X	X	X	X	X	.
45139	N/A	43°16'N	79°33'W	X	X	X	X	X	X	X	X	.
45140	08671	50°48'N	96°44'W	X	X	X	X	X	X	X	X	.
45141	N/A	61°11'N	115°19'W	X	X	X	X	X	X	X	X	.

4.1.2 Drifting Buoys

• North-east Pacific Ocean:

WMO buoy Identifier	ARGOS Identifier	Position: 4 August 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
46631	12510	52°54'N	163°00'W	.	X	X	X	X	.	.	.	X
46633	12513	48°54'N	141°06'W	.	X	X	X	X	.	.	.	X
46634	12512	46°24'N	158°48'W	.	.	X	X	X	.	.	.	X
46636	12515	48°12'N	169°30'W	.	X	X	X	X	.	.	.	X
46637	12516	45°30'N	164°30'W	.	X	X	X	X	.	.	.	X
46642	12521	49°18'N	151°06'W	.	.	X	X	X	.	.	.	X
46658	06267	52°36'N	140°42'W	.	X	X	X	X	.	.	.	X
46659	06268	55°18'N	154°42'W	.	X	X	X	X	.	.	.	X
46682	07136	42°18'N	129°18'W	.	X	X	X	X	.	.	.	X
46684**	07137			.	.	.	.	.	.	.	.	.
46687	07138	35°12'N	154°36'W	.	.	X	.	X	.	.	.	X
46701	07148	43°42'N	168°00'W	.	X	X	X	X	.	.	.	X
46706	07130	29°36'N	144°12'W	.	X	X	.	X	.	.	.	X
46704	07128	26°06'N	142°42'W	.	X	X	X	X	.	.	.	X

• Arctic Icepack:

WMO buoy Identifier	ARGOS Identifier	Position: 23 August 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	
47532	05313	82°12'N	103°00'W	.	X	X	.	.	.	.	.	.
47538	05315	84°48'N	94°30'W	.	X	X	.	.	.	.	.	.
48521	01108	79°42'N	118°48'W	.	X	X	.	.	.	.	.	.
48524	05318	75°42'N	122°18'W	.	X	X	.	.	.	.	.	.
48526	05314	78°06'N	138°30'W	.	X	X	.	.	.	.	.	.

** Buoy aground

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

4.2 United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the September 1993 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: 16-23 September 1993		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
32302		18.0S	85.1W	X	X	X		X	X	X	
41001**		34.7N	72.7W	X	X	X		X	X	X	
41002**		32.3N	75.2W	X	X	X		X	X	X	
41004		32.5N	79.1W	X	X	X		X	X	X	
41006**		29.3N	77.4W	X	X	X		X	X	X	
41009		28.5N	80.2W	X	X	X		X	X	X	
41010		28.9N	78.5W	X	X	X		X	X	X	
41016		24.6N	76.5W	X	X	X		X	X	X	
42001**		25.9N	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	X	X	
42007		30.1N	88.8W	X	X	X		X			
42019		27.9N	95.0W	X	X	X		X	X	X	
42020		27.0N	96.5W	X	X	X		X	X	X	
42025		24.9N	80.4W		X			X	X	X	
42035		29.2N	94.4W	X	X	X		X	X	X	
44004**		38.5N	70.7W	X	X	X		X	X	X	
44005**		42.6N	68.6W	*	*	*		*	*	*	
44007		43.5N	70.1W	X	X	X		X	X	X	
44008		40.5N	69.4W	X	X	X		X	X	X	
44009		38.5N	74.7W	X	X	X		X	X	X	
44011**		41.1N	66.6W	X	X	X		X	X	X	
44013		42.4N	70.8W	X	X	X		X	X	X	
44014		36.6N	74.8W	X	X	X		X	X	X	
44025		40.3N	73.2W	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	

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

* Sensor/system failure

C. Information on operational status of elements of the surface-based sub-system (continued)
 4. Automatic marine stations/ 4.2 United States of America (continued)

4.2.1 Moored Buoys (continued)

WMO buoy Identifier	ARGOS Identifier	Position: 16-23 September 1993		Observed or technical parameters									
		Latitude	Longitude	1	2	3	4	5	6	7	8		
45003**		45.3N	82.7W	X	X	X		X	X	X			
45004**		47.5N	86.5W	X	X	X		X	X	X			
45005**		41.7N	82.4W	X	X	X		X	X	X			
45006**		47.3N	89.9W	X	X	X		X	X	X			
45007**		42.7N	87.1W	X	X	X		X	X	X			
45008**		44.3N	82.4W	X	X	X		X	X	X			
45010		43.0N	87.8W	X	X	*		X	X	X			
46001**		56.3N	148.2W	X	X	X		X	X	X			
46002**		42.5N	130.3W	X	X	X		X	X	X			
46003**		51.9N	155.9W	X	X	X		X	X	X			
46005**		46.1N	131.0W	X	X	X		X	X	X			
46006**		40.9N	137.5W	X	X	X		X	X	X			
46012		37.4N	122.7W	X	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		40.7N	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	122.7W	X	X	X		X	X	X			
46027		41.9N	124.4W	X	X	X		X	X	X			
46028		35.8N	121.9W	X	X	X		X	X	X			
46029		46.2N	124.2W	X	X	X		X	X	X			
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	X			
46042		36.8N	122.4W	X	X	X		*	X	X			
46045		33.8N	118.4W	X	X	X		X	X	X			
46050		44.6N	124.5W	X	X	X		X	X	X			
46051		34.5N	120.7W	*	*	*		*	*	*			
46053		34.2N	119.8W	X	X	X		X	X	X			
46054		34.3N	120.4W	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	X	X			
51003		19.2N	160.8W	X	X	X		X	X	X			
51004		17.4N	152.5W	X	X	X		X	X	X			
51026		21.4N	157.0W	X	X	X		X	X	X			
52009		13.7N	144.7E	X	*	X		X	X	X			

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

* Sensor/system failure

C. Information on operational status of elements of the surface-based sub-system (continued)
 4. Automatic marine stations/ 4.2 United States of America (continued)

4.2.2 Drifting Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 21-23 September 1993		Observed or technical parameters							
		Latitude	Longitude	1	2	3	4	5	6	7	8
17815	01965	53°S	053°E	.	X	X	.	X	.	.	.
32811	17170	38°S	104°W	.	*	X	.	X	.	.	.
32812	17171	19°S	102°W	.	X	X	.	X	.	.	.
32813	17172	30°S	098°W	.	X	X	.	X	.	.	.
32814	17161	33°S	109°W	.	X	X	.	X	.	.	.
33833	01974	33°S	016°W	.	X	X	.	X	.	.	.
33834	01979	33°S	006°W	.	X	X	.	X	.	.	.
33838	17163	34°S	021°W	.	*	X	.	X	.	.	.
33839	17164	37°S	046°W	.	X	X	.	X	.	.	.
33840	17165	42°S	037°W	.	*	X	.	X	.	.	.
33841	17166	37°S	024°W	.	*	X	.	X	.	.	.
33842	17167	49°S	019°W	.	X	X	.	X	.	.	.
53823	05131	08°S	114°E	.	*	X	.	*	.	.	.
53824	01989	12°S	109°E	.	X	X	.	X	.	.	.
54801	01973	28°S	144°W	.	X	X	.	X	.	.	.
54802	01993	30°S	134°W	.	X	X	.	X	.	.	.
54804	01970	36°S	130°W	.	X	X	.	X	.	.	.
54844	17168	31°S	124°W	.	*	X	.	X	.	.	.
56801	05130	31°S	049°E	.	X	X	.	X	.	.	.
56802	05119	07°S	065°E	.	X	X	.	X	.	.	.
56803	01994	18°S	070°E	.	X	X	.	X	.	.	.

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		

* Sensor/system failure

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

4. Automatic marine stations(continued)

4.3 France

4.3.2 Drifting Buoys

WMO buoy Identifier	ARGOS Identifier	Position: 22 September 1993		Observed or technical parameters								
		Latitude	Longitude	1	2	3	4	5	6	7	8	9
52577	17624	14°41'N	134°37'E	.	.	.	.	X	.	.	.	X
52580	17619	17°29'N	140°52'E	.	.	.	.	X	.	.	.	X
52581	17620	5°48'S	172°46'E	.	.	.	.	X	.	.	.	*
52584	17626	3°46'N	125°34'E	.	.	.	.	X	.	.	.	X
52588	17628	15°07'N	133°41'E	.	.	.	.	X	.	.	.	X
52889	02678	13°49'N	154°25'E	.	.	.	.	X	.	.	.	X
52890	02679	24°20'N	176°28'E	.	.	.	.	X	.	.	.	X
62516	10107	44°39'N	12°19'W	.	.	X	X	X	.	.	.	.
62517	10108	47°55'N	11°45'W	.	.	*	*	*	.	.	.	.
62518	10113	41°12'N	14°10'W	X	.	X	X	X	.	.	.	.

5. ARGOS Service

5.1 ARGOS monthly status report

Date of statistics computation : 1 September 1993

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

Drifting Buoy	:	1081
Boat(<20knots)	:	0
Marine Station	:	7
Moored Buoy	:	292
Terrestrial Animal	:	132
Marine Animal	:	98
Balloons	:	4
Birds	:	59
Fixed Station	:	396
TOTAL :		2069

- 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:

Drifting Buoys	:	91
Fixed Stations	:	9
Marine Stations	:	4
Moored Buoys	:	2
Synoptic PTT	:	1

Transmission to NWS Washington:

Drifting Buoys	:	488
Fixed Stations	:	3
High Speed	:	4
Moored Buoys	:	52

* Failure or retrieved

ANNEX I - GLOBAL OBSERVING SYSTEM

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

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

- List of platforms reporting through ARGOS and distributed over the GTS:

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
Australia	23066	06151	D	278	7	Y
	52621	02937	D	267	8	Y
	55513	00421	D	255	15	Y
	55515	00415	D	209	4	Y
	55516	00417	D	34	0	Y
	55517	00413	D	291	4	Y
	55520	03042	D	357	27	Y
	56003	03101	D	429	59	Y
	56504	08036	D	321	25	Y
	56506	04875	D	252	31	Y
	56507	04876	D	356	24	Y
	56509	02938	D	430	28	Y
	56510	02939	D	591	35	Y
	56511	02942	D	200	19	Y
	56512	02944	D	278	16	Y
	56513	04878	D	272	16	Y
	GYRW*	09197	B			
	GYSE*	09199	B			
	S6FK*	09193	B			
	VJDI*	09188	B			
	VJDP*	09198	B			
	9VBZ*	09194	B			
	9VUU*	09190	B			
Canada	21551	01333	D	320	36	Y
	42606	07183		0	1161	Y
	44137	05579		0	633	Y
	44138	05577		0	684	Y
	44139	03448		0	683	Y
	44141	03449		0	672	Y
	44142	05578		0	649	Y
	46004	07180		0	1003	Y
	46036	05324		0	981	Y
	46184	07182		0	1	Y
	46205	07196		0	871	Y
	46207	07187		0	899	Y
	46208	07186		0	1183	Y
Finland	71091	05895	D	745	118	Y
	89014	01384	S	241	343	Y

* PTT's transmitting at irregular intervals

ANNEX I - GLOBAL OBSERVING SYSTEM

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
France	52577	17624	D	14	138	N
	52580	17619	D	72	112	N
	52581	17620	D	78	82	Y
	52584	17626	D	122	28	Y
	52889	02678	D	126	44	Y
	52890	02679	D	126	36	Y
	62516	10107	D	413	84	Y
	62517	10108	D	186	76	Y
	62518	10113	D	426	70	Y
	DIDA*	08749	B			
	ELEH4*	08747	B			
	ELIL9*	04719	B			
	ELIS8*	04705	B			
	FHQB*	04734	B			
	FNDK*	08748	B			
	FNQC*	04704	B			
	FNZQ*	04711	B			
	HPEW*	04703	B			
	P3BN3*	04706	B			
	P3LK3*	04726	B			
	ZDAZ6*	04714	B			
Germany	63161	03314	D	569	0	Y
	63662	09360	D	867	308	Y
	63663	09372	D	734	290	Y
	71042	03317	D	760	102	Y
	71524	03315	D	784	4	Y
	71551	09357	D	667	8	Y
	71552	09358	D	405	54	Y
	71554	09366	D	435	66	Y
	71556	09368	D	446	41	Y
	71557	09369	D	540	52	Y
Italy	63904	15919	D	331	63	Y
	63906	15906	D	263	80	Y
	63907	15917	D	477	111	Y
	63909	05589	D	170	44	Y
	63911	02464	D	288	109	Y
	64149	15916	D	264	68	Y
	64629	15902	D	410	39	Y
	64631	15904	D	398	30	Y

* PTT's transmitting at irregular intervals

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
Italy	64634	15912	D	128	16	Y
(continued)	64635	15915	D	376	85	Y
	64638	15893	D	409	30	Y
	64639	15895	D	179	50	Y
	64642	15899	D	379	36	Y
	64645	15909	D	4	2	Y
	64648	15914	D	160	75	Y
	64652	15921	D	401	77	Y
	64922	15925	D	231	34	Y
	64925	05583	D	7	162	Y
	64926	05588	D	6	68	Y
	64927	05585	D	109	144	Y
Japan	21512	03297	D	266	37	Y
	52541	03295	D	254	12	Y
	52542	03296	D	273	6	Y
Netherlands	65596	04271	D	885	0	Y
Norway	25011	03690	D	1054	198	Y
	25012	03691	D	1156	252	Y
	25561	01556	D	1289	236	Y
	26531	01791	D	129	38	Y
	26532	01790	D	853	313	Y
	63006	09400	D	867	559	Y
	65562	04272	D	679	353	Y
	65597	04270	D	1392	404	Y
	71003	09498	D	679	187	Y
	71004	09499		0	882	N
	74002	09497	D	596	98	Y
New Zealand	55571	08587	D	316	47	Y
	55578	06437	D	314	21	Y
	55583	07179	D	351	11	Y
	55585	07177	D	225	35	Y
	55588	08585	D	170	37	Y
	55589	08586	D	281	16	Y
South	17549	00945	D	195	54	Y
Africa**	17554	00955	D	345	107	Y
	17557	00948	D	212	25	Y
	17560	00963	D	150	18	Y
	33021	09222	D	649	18	Y

** 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

ANNEX I - GLOBAL OBSERVING SYSTEM

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United Kingdom	25013	04065	D	1141	213	Y
	44765	01255	D	371	108	Y
	44770	06287	D	889	61	Y
	44772	02960	D	1002	0	Y
	44773	04624	D	593	2	Y
	44774	02961	D	306	0	Y
	44775	02962	D	587	0	Y
	44777	01257	D	1152	217	Y
	44778	01259	D	871	242	Y
	44779	01260	D	1047	290	Y
	44780	04629	D	655	157	Y
	62601	08336	D	430	50	Y
	62694	02958	D	534	0	Y
	62711	01258	D	257	1	Y
	62712	01247	D	2268	200	Y
	62713	01363	D	363	77	Y
	62714	01364		0	47	Y
	62802	04627	D	713	243	Y
	62805	06285	D	279	206	Y
	64043	06270		0	32	Y
United States of America	12501	03959	D	122	24	Y
	12502	05259	D	134	14	Y
	12503	03754	D	1	62	N
	12503	05676	D	111	15	Y
	12504	15385	D	93	11	Y
	12505	03756	D	1	0	N
	12505	15386	D	85	12	Y
	12508	03951	D	236	69	Y
	13507	16348		0	1	Y
	13509	16353		0	1	Y
	13510	16354		0	1	Y
	13901	16271	D	39	77	Y
	13903	01763	D	137	24	Y
	13904	14445	D	149	14	Y
	13905	14447	D	136	29	Y
	13906	05919	D	128	26	Y
	13907	14461	D	20	4	Y
	13908	16276	D	149	27	Y
	13909	08598	D	151	13	Y
	13910	14464	D	137	20	Y

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

• List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	13911	14448	D	144	23	Y
of America	13912	14439	D	146	22	Y
(continued)	13913	14450	D	5	141	N
	13914	14452	D	149	22	Y
	13915	14453	D	151	17	Y
	13916	16282	D	151	19	Y
	13917	02072	D	51	12	Y
	13918	00462	D	38	11	Y
	13919	14442	D	149	14	Y
	13922	02005	D	140	25	Y
	13923	02006	D	147	20	Y
	13924	14436	D	142	21	Y
	13925	14438	D	156	18	Y
	13926	02070	D	138	26	Y
	16810	12309	D	643	31	Y
	17815	01965	D	521	76	Y
	21524	15329	D	5	4	Y
	21526	01535	D	547	204	Y
	21527	15331	D	230	79	Y
	21529	06814	D	295	87	Y
	21530	05108	D	78	13	Y
	21534	05254	D	105	96	Y
	21572	01151	D	526	153	Y
	21901	15537	D	199	32	Y
	21902	15536	D	107	29	Y
	21904	14981	D	223	41	Y
	21910	16192	D	116	82	Y
	21911	16194	D	167	49	Y
	21912	16213	D	19	98	Y
	21913	16214	D	163	53	Y
	21915	15574	D	174	43	Y
	21918	16210	D	283	16	Y
	21920	15583	D	171	53	Y
	21923	14980	D	134	35	Y
	21924	15585	D	175	56	Y
	21925	02399	D	177	52	Y
	21926	15587	D	58	85	Y
	21927	16209	D	265	31	Y
	21928	16257	D	179	34	Y
	21929	01780	D	90	17	Y

ANNEX I - GLOBAL OBSERVING SYSTEM

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

• List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	21930	02396	D	104	12	Y
of America	21931	02875	D	186	36	Y
(continued)	21932	02075	D	99	12	Y
	21933	15588	D	142	28	Y
	21934	15591	D	136	50	Y
	21938	02873	D	159	35	Y
	21939	02878	D	141	51	Y
	21940	02883	D	143	42	Y
	21941	08873	D	25	11	N
	22518	05258	D	8	24	Y
	22902	14977	D	89	9	Y
	23507	16350	D	95	8	Y
	23509	03748		0	1	Y
	23511	05399	D	207	45	Y
	23512	05401	D	198	46	Y
	23513	05402	D	193	22	Y
	23514	05403		0	23	Y
	23516	05405	D	236	35	Y
	23517	05406	D	229	34	Y
	25537	08354	D	622	34	N
	25538	08356	D	793	51	Y
	25539	08357	D	810	83	Y
	25541	08363	D	867	95	Y
	32513	11917	D	41	21	Y
	32514	11948	D	26	19	Y
	32515	15648	D	83	18	Y
	32516	11927	D	24	8	Y
	32517	15093	D	114	23	Y
	32518	15091	D	113	26	Y
	32520	15649	D	100	10	Y
	32522	15598	D	83	24	Y
	32523	16254	D	95	15	Y
	32524	15695	D	91	14	Y
	32525	11953	D	12	43	Y
	32527	02398	D	86	7	Y
	32528	03048	D	99	12	Y
	32529	15028	D	88	15	Y
	32531	00153		0	68	N
	32532	00473	D	67	20	Y
	32533	15017	D	96	29	Y

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

• List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	32534	15018	D	99	5	Y
of America	32535	15025	D	92	11	Y
(continued)	32536	15026	D	58	36	Y
	32537	03225	D	47	12	N
	32538	15602	D	16	1	Y
	32539	02884	D	75	14	Y
	32540	08879	D	86	21	Y
	32541	15595	D	98	11	Y
	32542	15596	D	74	9	N
	32543	03567	D	77	21	Y
	32544	05912	D	85	7	Y
	32545	15679	D	101	9	Y
	32546	02885	D	89	8	Y
	32547	15597	D	98	9	Y
	32548	15599	D	66	18	N
	32550	04200	D	48	45	Y
	32551	15600	D	96	5	Y
	32552	11195	D	85	32	Y
	32553	15603	D	104	4	Y
	32554	04201	D	57	29	Y
	32555	15625	D	92	15	Y
	32556	11934	D	26	27	Y
	32557	15626	D	105	8	Y
	32558	09276	D	111	10	Y
	32559	15627	D	99	12	Y
	32560	03252	D	86	19	Y
	32801	08874	D	70	12	Y
	32802	16278	D	92	18	Y
	32803	16284	D	107	12	Y
	32804	02899	D	92	23	Y
	32805	16261	D	87	12	Y
	32806	00154	D	71	19	Y
	32807	02871	D	12	2	Y
	32811	17170	D	347	27	Y
	32812	17171	D	267	22	Y
	32813	17172	D	322	17	Y
	32814	17161	D	327	17	Y
	32866	02400	D	66	20	Y
	32867	02872	D	71	13	Y
	32868	02896	D	81	7	Y

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	32869	16252	D	69	16	Y
of America	32901	03565	D	84	15	Y
(continued)	32902	15045	D	88	9	Y
	32903	15050	D	99	12	Y
	32904	15128	D	99	14	Y
	32905	15684	D	45	17	Y
	32906	15685	D	95	7	Y
	32907	03044	D	98	8	Y
	32908	15687	D	99	9	Y
	32909	04204	D	71	26	Y
	32910	15540	D	97	9	Y
	32911	15541	D	86	12	Y
	32912	15542	D	87	7	Y
	32913	15546	D	85	7	Y
	32914	03568	D	81	32	Y
	32915	15048	D	101	6	Y
	32916	15545	D	103	10	Y
	32917	00474	D	60	20	Y
	32918	00483	D	90	21	Y
	32919	16272	D	82	11	Y
	32920	16275	D	69	13	Y
	33831	01967	D	122	23	Y
	33833	01974	D	276	82	Y
	33834	01979	D	264	18	Y
	33838	17163	D	337	28	Y
	33839	17164	D	369	12	Y
	33840	17165	D	407	27	Y
	33841	17166	D	374	18	Y
	33842	17167	D	382	45	Y
	34901	15123	D	82	21	Y
	34902	15125	D	65	13	Y
	41501	03955		0	1	Y
	41504	03957	D	126	104	Y
	41521	05094	D	457	52	Y
	41522	01125	D	489	69	Y
	41523	01128	D	420	82	Y
	41525	00942	DS	682	243	Y
	41901	12326	D	102	31	Y
	41902	08594	D	99	31	Y
	41904	08599	D	132	29	Y

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	41906	12333	D	142	24	Y
of America	41907	12329	D	152	18	Y
(continued)	41908	12339	D	143	35	Y
	41909	00130	D	147	32	Y
	41910	12324	D	134	24	Y
	41911	12325	D	142	21	Y
	41912	02008	D	154	33	Y
	41913	12330	D	132	22	Y
	41914	12334	D	130	24	Y
	41915	12328	D	124	34	Y
	41916	12327	D	129	26	Y
	41917	12337	D	143	21	Y
	41918	12338	D	117	35	Y
	41920	00464	D	141	24	Y
	41921	03045	D	150	18	Y
	41922	00468	D	119	31	Y
	41923	00482	D	144	30	Y
	41924	00484	D	147	16	Y
	41925	00465	D	141	23	Y
	41926	16266	D	138	28	Y
	42026	00937	D	180	90	Y
	42027	00930	D	255	130	Y
	42028	00931	D	238	156	Y
	42030	00932	D	271	113	Y
	42501	06934	D	34	0	Y
	42502	06935	D	81	168	Y
	42503	06937	D	308	99	Y
	42504	06938	D	395	42	Y
	42506	17175	D	45	4	N
	42507	17176	D	47	3	N
	42508	17174	D	57	6	N
	42509	02448	D	279	171	Y
	42533	04450	S	580	57	Y
	43501	00451	D	117	54	Y
	43504	11198	D	44	18	Y
	43505	15657	D	141	30	Y
	43508	15008	D	131	23	Y
	43801	16287	D	56	25	Y
	44501	02607	D	695	103	Y
	44502	02587	D	438	173	Y

ANNEX I - GLOBAL OBSERVING SYSTEM

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

• List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	44503	02576	D	499	152	Y
of America	44510	02585	D	710	91	Y
(continued)	44511	02580	D	339	229	Y
	44512	02584	D	697	96	Y
	44513	14633	D	289	84	Y
	44515	05524	D	39	1	Y
	44901	00486	D	147	20	Y
	44904	00157	D	153	32	Y
	44905	12335	D	124	34	Y
	44906	12332	D	139	28	Y
	44907	00475	D	222	54	Y
	44908	01867	D	157	15	Y
	44909	00155	D	193	33	Y
	44910	16219	D	175	21	Y
	44911	00466	D	182	32	Y
	44912	16217	D	155	25	Y
	46213	12404	D	45	153	Y
	46214	12405		0	88	Y
	46215	12406	D	37	170	Y
	46217	12408	D	66	174	Y
	46218	12409	D	75	172	Y
	46219	12410	D	48	172	Y
	46508	01146	D	412	162	Y
	46509	04649	D	552	245	Y
	46512	01148	D	582	138	Y
	46513	15380	D	399	73	Y
	46514	15381	D	381	71	Y
	46521	15351	D	230	50	Y
	46522	15383	D	266	60	Y
	46523	15384	D	537	111	Y
	46531	15576	D	135	36	Y
	46535	02009	D	21	102	Y
	46536	15609	D	68	36	Y
	46537	15612	D	134	17	Y
	46538	15579	D	124	86	Y
	46539	15622	D	166	52	Y
	46540	15577	D	136	75	Y
	46545	15589	D	209	30	Y
	46548	15580	D	200	35	Y
	46549	15076	D	143	40	Y

ANNEX I - GLOBAL OBSERVING SYSTEM

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOPT/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	46901	15655	D	87	42	Y
of America	46903	15566	D	147	52	Y
(continued)	46904	15573	D	264	35	Y
	46906	15582	D	194	56	Y
	46907	15578	D	172	60	Y
	46908	02889	D	28	28	Y
	46909	01766	D	255	47	Y
	46912	17233	D	119	28	Y
	47601	12823	D	822	127	Y
	48518	08361	D	762	45	Y
	48520	12801		0	726	Y
	48557	08364	D	877	103	Y
	48558	12821	D	748	98	Y
	48559	12822	D	769	128	Y
	48561	08365	D	874	118	Y
	48562	12826	D	855	117	Y
	48564	12828	D	827	114	Y
	48565	12829	D	828	108	Y
	51511	03376	D	86	34	Y
	51512	15089	D	109	22	Y
	51516	11949	D	70	25	Y
	51518	15077	D	133	36	Y
	51519	02437	D	1	6	N
	51520	03117	D	42	20	Y
	51801	14433	D	176	44	Y
	51802	02434	D	38	19	Y
	51803	03049	D	161	62	Y
	51804	14434	D	202	49	Y
	51805	01767	D	116	15	Y
	51806	03378	D	67	16	Y
	51807	03379	D	83	11	Y
	51808	02435		0	16	Y
	51809	14435	D	173	42	Y
	51810	11956	D	70	36	Y
	51811	15653	D	93	48	Y
	51812	02895	D	112	14	Y
	51814	11946	D	71	25	Y
	51815	03222	D	53	37	Y
	51816	01762	D	125	32	Y
	51817	15617	D	80	53	Y

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	51818	03467	D	48	30	Y
of America	51819	02898	D	94	15	Y
(continued)	51820	03468	D	61	25	Y
	51821	02397	D	119	31	Y
	51822	03570	D	74	15	Y
	51823	03223		0	24	Y
	51824	02436	D	76	18	Y
	51825	03569	D	30	43	N
	51826	03119	D	54	32	Y
	51827	03572	D	60	26	Y
	51828	16279	D	82	24	Y
	51829	01772	D	124	22	Y
	51830	15088	D	115	7	Y
	51831	02074	D	141	63	Y
	51832	11955	D	55	28	Y
	51833	16255	D	132	25	Y
	51834	01779	D	108	12	Y
	51835	09271	D	98	9	Y
	51836	09270	D	131	31	Y
	51837	08876	D	95	16	Y
	51838	08878	D	89	22	Y
	51839	16256	D	104	10	Y
	51840	15090	D	172	41	Y
	51841	11950	D	102	24	Y
	51843	03375	D	66	16	Y
	51847	15027	D	101	6	Y
	51848	15009	D	105	11	Y
	51856	15082	D	107	19	Y
	51861	15099	D	96	10	Y
	51866	15644	D	73	80	Y
	51867	15645	D	38	63	Y
	51871	15646	D	101	29	Y
	51878	15072	D	3	5	Y
	51885	15086	D	183	51	Y
	51901	15586	D	205	47	Y
	51902	15671	D	136	17	Y
	51905	15674	D	101	7	Y
	52507	15394	D	89	16	Y
	52508	15104		0	1	N
	52510	11939	D	28	46	Y

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	52511	16199	D	91	13	Y
of America	52512	15023	D	108	12	Y
(continued)	52513	16226	D	58	12	Y
	52515	16228	D	83	19	Y
	52517	15390	D	104	15	Y
	52521	04451	D	267	26	Y
	52522	01143	D	273	37	Y
	52523	01144	D	293	30	Y
	52524	01145	D	65	10	Y
	52525	04452	D	73	8	Y
	52526	04453	D	262	35	Y
	52527	04632	D	269	26	Y
	52616	15021	D	92	8	Y
	52801	15035	D	107	16	Y
	52804	16202	D	102	10	Y
	52805	15012	D	101	16	Y
	52806	16229	D	63	9	Y
	52807	16232	D	101	22	Y
	52810	15701	D	197	52	Y
	52812	15126	D	110	7	Y
	52815	15660	D	91	8	Y
	52817	15553	D	1	3	Y
	52818	15670	D	91	13	Y
	52826	15668		0	73	Y
	52827	16200		0	121	N
	52828	15669	D	75	20	Y
	52830	16196	D	81	27	Y
	52831	16204	D	89	29	Y
	52833	01215	D	97	19	Y
	52834	16195	D	75	16	Y
	52835	15548	D	90	10	Y
	52836	15549	D	90	21	Y
	52837	16198	D	85	10	Y
	52838	15556	D	107	16	Y
	52839	16203	D	88	15	Y
	52840	03046	D	103	23	Y
	52841	16205	D	106	18	Y
	52842	16253	D	104	3	Y
	52843	15558	D	83	11	Y
	52844	15559	D	5	5	N

ANNEX I - GLOBAL OBSERVING SYSTEM

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	52845	15561	D	111	17	Y
of America	52846	15391	D	89	22	Y
(continued)	52847	15392	D	98	18	Y
	52848	15560	D	79	18	Y
	52849	16211	D	83	14	Y
	52850	16234	D	86	13	Y
	52851	16238	D	57	11	Y
	52852	16239	D	99	22	Y
	52853	00459	D	97	3	Y
	52854	16235	D	90	27	Y
	52855	16237	D	81	25	Y
	52856	16241	D	82	8	Y
	52858	16243	D	75	19	Y
	52859	16244	D	45	17	Y
	52860	16245	D	90	18	Y
	52861	16246	D	53	10	Y
	52862	16247	D	89	21	Y
	52863	16248	D	74	18	Y
	52864	16249	D	70	16	Y
	52866	16227	D	88	8	Y
	52867	16230	D	86	20	Y
	52868	00460	D	112	22	Y
	52869	16207	D	19	6	Y
	52871	16208	D	37	21	N
	52873	16231	D	102	28	Y
	53823	05131	D	228	33	Y
	53824	01989	D	286	16	Y
	53901	14983	D	87	11	Y
	54801	01973	D	316	32	Y
	54802	01993	D	313	25	Y
	54803	01975	D	30	50	Y
	54804	01970	D	352	26	Y
	54844	17168	D	338	23	Y
	54846	01969	D	265	129	Y
	54901	15547	D	92	9	Y
	54902	15115	D	100	24	Y
	54903	15118	D	106	6	Y
	54905	15024	D	112	5	Y
	54906	15539	D	117	6	Y
	54908	15129	D	110	6	Y

ANNEX I - GLOBAL OBSERVING SYSTEM

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	54909	15120	D	104	7	Y
of America	54910	15033	D	97	21	Y
(continued)	54911	15036	D	93	16	Y
	54912	15101	D	99	20	Y
	54914	15119	D	113	27	Y
	54915	15678		0	2	N
	54916	15630	D	94	17	Y
	54917	15631	D	112	5	Y
	54918	15632	D	97	18	Y
	54920	03047	D	97	12	Y
	54921	15675		0	1	N
	54924	15693	D	96	17	Y
	54925	15694	D	8	65	Y
	54927	15538	D	107	11	Y
	54928	15692	D	97	22	Y
	54929	15681	D	108	21	Y
	54930	15690	D	99	22	Y
	54931	15543	D	31	0	Y
	54933	15544	D	103	13	Y
	54934	01768	D	112	6	Y
	55901	15557	D	119	15	Y
	56801	05130	D	314	24	Y
	56802	05119	D	280	12	Y
	56803	01994	D	287	19	Y
	61527	03749	D	84	136	Y
	61530	03752	D	67	16	Y
	61532	16376		0	13	Y
	61534	16362	D	128	76	Y
	61535	15321	D	464	67	Y
	61541	06825	D	93	9	Y
	61543	15346	D	115	18	Y
	62673	01131		0	1	N
	62673	06817	D	41	5	Y
	62901	15569	D	133	35	Y
	62903	15571	D	143	29	Y
	62904	01862	D	222	47	Y
	62905	16218	D	134	40	Y
	62906	02076	D	179	34	Y
	62907	08591	D	164	25	Y
	62908	01868	D	152	26	Y

ANNEX I - GLOBAL OBSERVING SYSTEM

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

- List of platforms reporting through ARGOS and distributed over the GTS: (continued)

Operating country	WMO Identifier	ARGOS Identifier	CODE (GTS code used) B=BATHY/D=DRIFTER/ P=SHIP/S=SYNOP/ T=TESAC/U=BUFR/ H=HYDRA	NB_MESS Total No. of messages distributed on GTS	REJECTED Total No. of messages rejected by QC procedures and not distributed on GTS	EXIST Y=still on GTS N=No longer on GTS
United States	62909	01869	D	149	24	Y
of America	62910	01865	D	152	20	Y
(continued)	62926	02078	D	277	23	Y
	62927	02079	D	192	56	Y
	62928	02401	D	136	32	Y
	62929	02892	D	56	7	Y
	62930	02002	D	227	44	Y
	62931	00476	D	285	36	Y
	62933	00456	D	151	23	Y
	62934	00453	D	189	30	Y
	62935	00454	D	183	45	Y
	62936	03280	D	172	50	Y
	62937	03281	D	68	28	N
	64539	05521	D	47	9	Y
	64540	05522	D	36	14	Y
	64542	06639	D	25	5	Y
	64543	14293	D	45	3	Y
	64929	01860	D	336	73	Y
	64930	00455	D	281	37	Y
	64931	00467	D	324	49	Y
	64932	02077	D	303	28	Y
	66506	05678	D	220	41	Y
	66507	05679	D	233	31	Y
	66508	05681	D	247	22	Y
	66509	05683	D	236	33	Y
	91251	12873		0	343	Y
	91353	12872		0	327	Y
	KOSP2	12891		0	237	Y
	91355	12891		0	83	Y
Subtotal:			DRIFTER =121446 SYNOP = 1503 BATHY = 422			
TOTAL				123371		

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

5. ARGOS Service / 5.1 ARGOS monthly status report (continued)

• ATLAS buoys

WMO Identifier	ARGOS Identifier
23001	12522
32315	00994
32316	11117
32317	11118
32318	04592
32319	06518
32320	11121
32321	11120
32322	11119
43001	11116
51006	17636
51008	17646
51009	00989
51010	12526
51011	17647
51014	12527
51015	11114
51016	17648
51017	00992
51018	00991

WMO Identifier	ARGOS Identifier
51019	00786
51020	00988
51021	00993
51022	06460
51023	15811
51301	06380
51302	12523
51303	17635
51304	00789
51305	00788
51306	11115
51307	04595
51308	00990
51309	00792
51310	00790
52001	15813
52002	06794
52003	15815
52004	15809
52006	00773

WMO Identifier	ARGOS Identifier
52007	12529
52008	06795
52010	06798
52011	06473
52012	06517
52301	17650
52302	17649
52303	06520
52304	06475
52306	17651
52307	17652
52308	06521
52309	17634
52310	17633
52311	17632
52312	17631
52313	17630
52314	17653

• Other NDBC Buoys on GTS (processed same way as ATLAS Buoys)

WMO Identifier	ARGOS Identifier
17803	05571
46507	05567
51025	12878
54832	06585
54833	06586
54834	06583
9A222	12879
9A251	12873
9A328	12892
9A353	12872
9A355	12891

8. 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 NEWSLETTER" 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 "OPERATIONAL NEWSLETTER".

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 TTAAiiCCCC	Implementation of observing programme								Alternate observing station	Remarks
		00	03	06	09	12	15	18	21		
1. SYNOP											
1. TEMP											
1. PILOT											

EXPLANATORY NOTES**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 (Iiii) 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 (Iii) 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 NEWSLETTER", as appropriate.

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 Netherlands*

That as from 1 September 1993 NMC De Bilt will start the generation and the unscheduled transmission of AMDAR bulletins. The following abbreviated headings will be used :

UDAA02 EHDB
UDAC02 EHDB
UDNA02 EHDB
UDNT02 EHDB
UDPN02 EHDB
UDPS02 EHDB
UDSA02 EHDB
UDXX02 EHDB

• *Notification from Norway*

That the new radiosonde station (ASAP-station) installed on a fixed platform in the North Sea, is expected to become operational by the end of October 1993. Bulletins will be inserted on the GTS in Oslo with the following catalogue headings:

USNO14 ENMI
UKNO14 ENMI
ULNO14 ENMI
UENO14 ENMI

For further information see "Annex I, 3. Mobile sea stations 3.2 Automated Shipboard Aerological Programme (ASAP)"

C. Information on the operation of the GTS (continued)

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

1.3 Changes to bulletins

• Notification from the Russian Federation

That as from 0900 UTC on 3 November 1993 the Hydrometeorological Services of Estonia, Latvia and Lithuania will transmit hydromet data on the GTS in separate national bulletins. As from the same date, the following changes will therefore be made to the bulletins transmitted by WMC Moscow over the GTS :

Station Index No.	Abbreviated Heading
26038) 26115) 26215) 26231) 26242) 26313) 26348) 26406) 26422) 26509) 26524) 26544) 26629) 26730)	will be deleted from the bulletins : • SMBY10 RUMS and • SIBY20 RUMS,
26247	will be deleted from the bulletins: • SMBY20 RUMS and • SIBY30 RUMS
26629	will be deleted from the bulletins: • USBY10 RUMS • UKBY10 RUMS • ULBY10 RUMS and • UEBY10 RUMS for 0000 and 1200 UTC;
26038) 26629)	will be deleted from the bulletin: • CSRS10 RUMS;

• Notification from Latvia

Transmission of bulletins USRS18 RUMS, UKRS18 RUMS, ULRS18 RUMS and UERS18 RUMS for 0000 and 1200 UTC with data from stations 26038 and 26422 will be discontinued. As from the same date the Hydrometeorological Service of Latvia will transmit on the GTS the following national bulletins :

Abbreviated Heading	Station Index No.	Transmission
SMLV10 UMRR	26229) 26313) 26314) 26324) 26348) 26406) 26422) 26446) 26544)	at 0000, 0600, 1200, 1800 UTC
SILV20 UMRR	26229) 26313) 26314) 26324) 26348) 26406) 26422) 26446) 26544)	at 0300, 0900, 1500, 2100 UTC
CSLV10 UMRR	26314) 26346) 26422) 26544)	monthly
CSLV40 UMRR	26314) 26346) 26422) 26544)	ten-day period
USLV10 UMRR	26422	at 0000,1200 UTC
UKLV10 UMRR	26422	at 0000,1200 UTC
ULLV10 UMRR	26422	at 0000,1200 UTC
UELV10 UMRR	26422	at 0000,1200 UTC

ANNEX III - GLOBAL TELECOMMUNICATION SYSTEM

C. Information on the operation of the GTS (continued)

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

1.3 Changes to bulletins (continued)

List of abbreviated headings of BATHY/TESSAC bulletins for global exchange (reference: May 1993 edition)

Abbreviated Heading	Centre	Abbreviated Heading	Centre	Abbreviated Heading	Centre
SOVC01 SABM	Buenos Aires	SOVD02 EGRR	Bracknell	SOVF01 EDZW	Offenbach
SOVC01 SBRR	Brasilia	SOVD02 KWBC	Washington	SOVF01 EGRR	Bracknell
SOVC01 SKBO	Bogota	SOVD02 TNCC	Willemstad	SOVF01 ENMI	Oslo
SOVA01 EGRR	Bracknell	SOVD03 KWBC	Washington	SOVF01 ESWI	Norrkoping
SOVA02 EGRR	Bracknell	SOVD04 KWBC	Washington	SOVF01 LFPW	Toulouse
SOVA10 RUMS	Moscow	SOVD05 KWBC	Washington	SOVF02 BIRK	Reykjavik
SOVB01 EGRR	Bracknell	SOVD06 KWBC	Washington	SOVF02 EGRR	Bracknell
SOVB02 EGRR	Bracknell	SOVD07 KWBC	Washington	SOVF02 ESWI	Norrkoping
SOVB10 RUHB	Khabarovsk	SOVD08 KWBC	Washington	SOVF10 RUMS	Moscow
SOVB10 RUMS	Moscow	SOVD09 KWBC	Washington	SOVJ01 EGRR	Bracknell
SOVC01 EGRR	Bracknell	SOVD10 RUHB	Khabarovsk	SOVJ02 EGRR	Bracknell
SOVC02 EGRR	Bracknell	SOVD10 RUMS	Moscow	SOVJ10 RUML	Molodesnaja
SOVC10 RUHB	Khabarovsk	SOVD11 KWBC	Washington	SOVX01 DEMS	New Delhi
SOVC10 RUMS	Moscow	SOVD12 KWBC	Washington	SOVX01 RJTD	Tokyo
SOVD01 BIRK	Reykjavik	SOVD13 KWBC	Washington	SOVX02 DEMS	New Delhi
SOVD01 CWHF	Halifax	SOVE01 AMMC	Melbourne	SOVX02 RJTD	Tokyo
SOVD01 CWPF	Esquimalt	SOVE01 EGRR	Bracknell	SOVX10 RUHB	Khabarovsk
SOVD01 EGRR	Bracknell	SOVE01 NTA	Tahiti/Faaa	SOVX10 RUMS	Moscow
SOVD01 KWBC	Washington	SOVE02 AMMC	Melbourne	SOVX11 RJTD	Tokyo
SOVD01 TNCC	Willemstad/Heto, Curaçao	SOVE02 EGRR	Bracknell	SOVX12 RJTD	Tokyo
SOVD02 BIRK	Reykjavik	SOVE10 RUHB	Khabarovsk	SOWB01 RJTD	Tokyo
SOVD02 COWO	Ottawa	SOVF01 BIRK	Reykjavik	SOWF01 ENMI	Oslo

C. Information on the operation of the GTS (*continued*)

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

2.3 Changes in schedules/technical specifications

• *Notification from New Zealand*

V-iii Wellington radio-facsimile broadcast effective 1 October 1993

• *Notification from the United Kingdom of Great Britain and Northern Ireland*

That their Meteorological Office has announced the merging of the two radio-facsimile broadcasts (GFA and GFE) into a single new broadcast GFA, which took effect on 1 September 1993. Since that time the new service has been broadcast using all the frequencies of the two earlier services. This notification advises of a reduction in the number of frequencies to take effect from 2359 UTC on 30 November 1993. At that time transmissions on 3289.5, 4782, 9203, 11086.5 and 14582.5 kHz will cease. Transmissions will continue on:

- 4610 kHz 24 hours/day, every day
- 8040 kHz 24 hours/day, every day
- 14436 kHz 24 hours/day, every day
- 2618.5 kHz 1800 to 0600 UTC daily
- 18261 kHz 0600 to 1800 UTC daily

This information will be broadcast from time to time on the current GFA frequencies.

◆ **ANNEX V- MARINE METEOROLOGICAL SERVICES (MMS)
AND RELATED OCEANOGRAPHIC ACTIVITIES**

C. INFORMATION ON THE OPERATION OF MARINE METEOROLOGICAL SERVICES

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

1.3 Changes in schedules/technical specifications

•Notification from New Zealand

D-Aii-V-11 Wellington radio-facsimile broadcast effective 1 October 1993

5. Coastal radio stations (Publication No. 9, Volume D, Part B)

5.1 New stations

INMARSAT Coast Earth Station

•Notification from Netherlands

That the INMARSAT Coast Earth Station (CES) at Burum is now operational and accepts ship's weather reports via INMARSAT-C, free of charge to ships, from the entire Atlantic Ocean Region (AOR).

Reports are to be routed by automatic service code (41) as from 1 September 1993.

Name Of Station	Country (Location)	Areas from which reports may be accepted	Name of NMC	CES Code	Automatic Service Code (41)	Country Code (where applicable)	Telex No. of NMC	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Atlantic Ocean Region / Région de l'océan Atlantique								
BURUM	Netherlands/ Pays-Bas	From the entire Atlantic Ocean satellite region until regional INMARSAT-C CES's are available. Thereafter: from North Atlantic and North Sea.	KNMI NL	112	X	-	-	For Standard C

TO NEW READERS:

IF YOU WOULD LIKE TO RECEIVE FUTURE ISSUES OF THE
"OPERATIONAL NEWSLETTER"
FREE OF CHARGE, PLEASE FILL IN DETAILS CLEARLY BELOW

"OPERATIONAL NEWSLETTER"

Kindly mail me future copies of the
"OPERATIONAL NEWSLETTER" (W/OIS) in

- English
- French
- Russian
- Spanish

Name:.....

Address:

.....
.....
.....
.....

Send the coupon to:

WORLD METEOROLOGICAL ORGANIZATION
SECRETARIAT
41, Giuseppe-Motta
Case postale N° 2300
CH - 1211 Geneva
Switzerland

Telephone: National (022) 730 81 11
International +41 22 730 81 11
Telegrammes: METEOMOND GENÈVE
Telex: 41 41 99 OMM CH
Facsimile : 41 22 734 23 36