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W/OIS

GENEVA, 30 October 1992

Annexes: 3

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

Action required: To be noted and brought to the attention of appropriate operational units

Dear Sir/Madam,

As you are aware, all the information on changes to the operation of the World Weather Watch (WWW) and Marine Meteorological Services (MMS) is being assembled and distributed by the Secretariat on a monthly basis to facilitate updating and follow-up action.

In this connection, please find attached the annexes providing the latest operational information on WWW and MMS. Those items and sub-items for which information is provided are listed below:

ANNEX I – Global Observing System

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

1. Publication No. 9, Volume A - Stations
 - 1.1 New stations
 - 1.2 Deleted stations
 - 1.3 Changes to existing stations
 - 1.5 Temporary changes
2. WMO catalogue of Radiosondes in use by Members
4. Automatic marine stations
 - 4.1 Canada
 - 4.1.1 Moored Buoys
 - 4.1.2 Drifting Buoys
 - 4.2 United States of America
 - 4.2.1 Moored Buoys
 - 4.2.2 Drifting Buoys

To: Permanent Representatives (or Directors of Meteorological or Hydro-meteorological Services) of Members of WMO (PR-4798)
 Directors of Meteorological Services of non-Member countries (MC-2473)
 Presidents and Vice-Presidents of Regional Associations (P.RA-1307)
 Presidents and Vice-Presidents of Technical Commissions (P.TC-1425)
 Chairmen of CBS Working Groups
 Secretary-General of ICAO
 Director-General of IATA
 Secretary of IOC
 Director-General of ASECNA
 Director of ECMWF

ANNEX I – Global Observing System (cont.)

- C. Information on operational status of elements of the surface-based sub-system**
4. Automatic marine stations
 - 4.3 France
 - 4.3.2 Drifting Buoys
 5. ARGOS service
 - 5.1 ARGOS monthly status report
 7. Feed-back from Members to the Secretariat on any changes in the observing network

ANNEX III – Global Telecommunication System

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

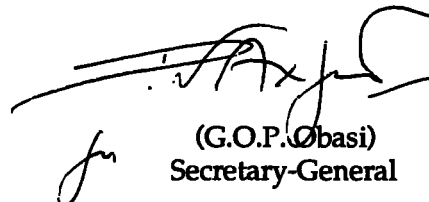
ANNEX V – Marine Meteorological Services (MMS) and related oceanographic activities

- 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

The CBS Advisory Working Group recommended that a special table should be added to the monthly letter to report changes of the present status of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations. You will note, therefore, that a new item, number 7, "Feed-back from Members to the Secretariat on any changes in the observing network" has been added to Annex I - Global Observing System.

Your co-operation in ensuring that the above information reaches the appropriate operational units of your service is greatly appreciated. If you wish to receive additional copies of the monthly circular letter, please inform the Secretariat accordingly.

Yours faithfully,


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

ANNEX I - Global Observing System

Date: October 1992

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 | | |
| 16154 | IMPERIA | 43° 53 'N | 08 °02 'E | 54 | - | | X | X | X | X | X | X | X | X | X | H00-24 | . | . | . | . | AUT |

1.2 Deleted stations

| Index No. | Name |
|-----------|-------------|
| 06131 | VESBORG |
| 06162 | KRONBORG |
| 06173 | STEVNS |
| 11540 | HOSIN |
| 12831 | DOBOGOKO |
| 12833 | TATABANYA |
| 12838 | BUDAORS |
| 12892 | NYIREGYHAZA |

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 | | | | | | | |
| 04260 | FREDERIKSHAAB | X | X | X | X | X | X | X | X | | | | | | | | | | | | AUT |
| 06470 | SINT-TRUIDEN | . | . | X | X | X | X | . | . | S04-16 | . | . | . | . | | | | | | | |
| 06490 | SPA/LA SAUVENIERE | . | . | X | X | X | X | X | X | S06-21 | . | . | . | . | | | | | | | |
| 11423 | PRIMDA | X | X | X | X | X | X | X | X | H00-24 | . | . | . | . | | | | | | | |
| 12772 | MISKOLC | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12805 | SOPRON | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12812 | SZOMBATHELY | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12822 | GYOR | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12843 | BUDAPEST/LORINC | X | X | X | X | X | X | X | X | H03-01 | R | . | R | . | | | | | | | |
| 12860 | SZOLNOK | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12882 | DEBRECEN | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12895 | NYIREGYHAZA/NAPKOR | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12915 | ZALAEGERSZEG | . | . | X | X | X | X | X | . | H06-20 | . | . | . | . | | | | | | | |
| 12920 | KESZTHELY | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12935 | SIOFOK | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12942 | PECS | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12960 | BAJA | X | X | X | X | X | X | X | X | H03-01 | . | . | . | . | | | | | | | |
| 12982 | SZEGED | X | X | X | X | X | X | X | X | H03-01 | R | . | R | . | | | | | | | |
| 16020 | BOLZANO | X | X | X | X | X | X | X | X | H00-24 | . | . | . | . | | | | | | | |
| 16044 | UDINE/CAMPOFORMIDO | . | . | . | . | . | . | . | . | | RW | RW | RW | RW | | | | | | | |
| 16144 | S. PIETRO CAPOFIUME MOLINELLA (BOLOGNA) | . | . | . | . | . | . | . | . | | RW | R | RW | R | | | | | | | |

4.1 Canada (continued)

4.1.1 Moored Buoys (continued)

• North-east Pacific Ocean (continued):

| WMO buoy Identifier | ARGOS Identifier | Position: 25 September 1992 | | Observed or technical parameters | | | | | | | | |
|---------------------|------------------|-----------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 46206 | 07193 | 48°50'N | 126°00'W | X | X | X | X | X | 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°18'N | 133°51'W | X | X | X | X | X | X | X | X | . |
| 46146 | | 49°20'N | 123°44'W | X | X | X | X | X | X | X | X | . |

• North-west Atlantic Ocean:

| WMO buoy Identifier | ARGOS Identifier | Position: 25 September 1992 | | Observed or technical parameters | | | | | | | | |
|---------------------|------------------|-----------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 44131 | 03479 | 46°03'N | 60°42'W | X | X | X | X | X | X | X | X | . |
| 44137 | 05579 | 41°12'N | 61°08'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 | 42°44'N | 50°36'W | X | X | 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°30'N | 64°12'W | X | X | X | X | X | X | X | X | . |

• Great Lakes:

| WMO buoy Identifier | ARGOS Identifier | Position: 25 September 1992 | | Observed or technical parameters | | | | | | | | |
|---------------------|------------------|-----------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 45135 | N/A | 43°47'N | 76°53'W | X | X | X | X | X | X | X | X | . |
| 45137 | N/A | 45°33'N | 81°01'W | X | . | X | X | X | X | X | X | . |
| 45132 | N/A | 42°28'N | 81°13'W | . | . | . | . | . | . | . | . | . |
| 45139 | N/A | 45°16'N | 79°33'W | X | X | X | X | X | X | X | X | . |
| 45136 | 03477 | 48°33'N | 86°57'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 | . |
| 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: 25 September 1992 | | Observed or technical parameters | | | | | | | | |
|---------------------|------------------|-----------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 46631 | 12510 | 50°54'N | 164°54'W | . | X | X | X | X | . | . | . | X |
| 46632 | 12511 | 28°18'N | 129°24'W | . | X | X | X | X | . | . | . | X |
| 46633 | 12512 | 49°18'N | 155°24'W | . | X | X | X | X | . | . | . | X |
| 46640 | 12519 | 52°36'N | 166°18'W | . | X | X | X | X | . | . | . | X |
| 46642 | 12521 | 47°36'N | 167°24'W | . | X | X | X | X | . | . | . | X |
| 46681 | 07135 | 51°06'N | 171°30'W | . | X | X | X | X | . | . | . | X |
| 46682 | 07136 | 44°00'N | 142°24'W | . | X | X | X | X | . | . | . | X |
| 46684 | 07137 | 42°48'N | 139°48'W | . | X | . | . | X | . | . | . | X |
| 46687 | 07138 | 32°00'N | 154°42'W | . | X | X | X | X | . | . | . | X |
| 46704 | 07128 | 33°18'N | 134°48'W | . | X | X | X | X | . | . | . | X |
| 46706 | 07130 | 25°30'N | 142°42'W | . | X | X | X | X | . | . | . | X |
| 46708 | 07132 | 53°06'N | 138°00'W | . | X | X | X | X | . | . | . | X |
| 46699 | 07146 | 52°54'N | 147°18'W | . | X | X | X | X | . | . | . | X |

4.1 Canada (continued)

4.1.2 Drifting Buoys (continued)

- Arctic Icepack:

| WMO buoy Identifier | ARGOS Identifier | Position: 22 September 1992 | | Observed or technical parameters | | | | | | | | |
|---------------------|------------------|-----------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| 47532 | 05313 | 82°24'N | 101°54'W | . | X | X | . | . | . | . | . | . |
| 48526 | 05314 | 75°30'N | 136°48'W | . | X | X | . | . | . | . | . | . |
| 48567 | 01837 | 73°54'N | 148°06'W | . | . | X | . | . | . | . | . | . |
| 48568 | 07100 | 74°06'N | 143°06'W | X | X | X | . | . | . | . | . | . |

4.2 United States of America

List of U.S.A. Ocean Data Acquisition System (ODAS) included in the October 1992 Data Platform Status Report of the Data Buoy Centre of the National Oceanic and Atmospheric Administration (NOAA). Data from moored buoys and platforms are collected by geostationary meteorological satellites and reports are distributed on the GTS in SHIP code. Data from drifting buoys are collected by the ARGOS system and distributed on the GTS in DRIFTER code.

Legend - Observed or technical parameters

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

4.2.1 Moored Buoys

| WMO buoy Identifier | ARGOS Identifier | Position: 8-15 October 1992 | | Observed or technical parameters | | | | | | | |
|---------------------|------------------|-----------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 32302 | | 18.0 S | 85.1 W | X | X | X | X | X | X | X | X |
| 41001** | | 34.9 N | 73.0 W | X | X | X | X | X | X | X | X |
| 41002** | | 32.3 N | 75.2 W | X | X | X | X | X | X | X | X |
| 41004 | | 32.5 N | 79.1 W | X | X | X | X | X | X | X | X |
| 41006** | | 29.3 N | 77.4 W | X | X | X | X | X | X | X | X |
| 41009 | | 28.5 N | 80.2 W | X | X | X | X | X | X | X | X |
| 41010 | | 28.9 N | 78.5 W | X | X | X | X | X | X | X | X |
| 41016 | | 24.6 N | 76.5 W | X | X | X | X | X | X | X | X |
| 42001** | | 25.9 N | 89.7 W | X | X | X | X | X | X | X | X |
| 42002** | | 25.9 N | 93.6 W | X | X | X | X | X | X | X | X |
| 42003** | | 25.9 N | 85.9 W | X | X | X | X | X | X | X | X |
| 42007 | | 30.1 N | 88.8 W | X | X | X | X | X | . | . | . |
| 42019 | | 27.9 N | 95.0 W | X | X | X | X | X | X | X | X |
| 42020 | | 27.0 N | 96.5 W | X | X | X | X | X | X | X | X |
| 42025 | | 24.9 N | 80.4 W | . | . | . | . | X | X | X | X |
| 44004** | | 38.5 N | 70.7 W | X | X | X | X | X | X | X | X |
| 44005** | | 42.6 N | 68.6 W | X | X | X | X | X | X | X | X |
| 44007** | | 43.5 N | 70.1 W | X | X | X | X | X | X | X | X |
| 44008** | | 40.5 N | 69.4 W | X | X | X | X | X | X | X | X |
| 44009** | | 38.4 N | 74.7 W | X | X | X | X | X | X | X | X |
| 44011** | | 41.1 N | 66.6 W | X | X | X | X | X | X | X | X |
| 44012** | | 38.8 N | 74.6 W | X | X | X | X | X | X | X | X |
| 44013** | | 42.4 N | 70.8 W | X | X | X | X | X | X | X | X |
| 44014 | | 36.6 N | 74.8 W | X | X | X | X | . | X | X | X |

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

* Sensor/system failure

4.2 United States of America

4.2.1 Moored Buoys (continued)

| WMO buoy Identifier | ARGOS Identifier | Position: 8-15 October 1992 | | Observed or technical parameters | | | | | | | |
|---------------------|------------------|-----------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 44025 | | 40.3 N | 73.2 W | X | X | X | X | X | X | X | X |
| 45001** | | 48.0 N | 87.8 W | X | X | X | X | X | X | X | X |
| 45002** | | 45.3 N | 86.4 W | X | X | X | X | X | X | X | X |
| 45003** | | 45.3 N | 82.7 W | X | X | X | X | X | X | X | X |
| 45004** | | 47.5 N | 86.5 W | X | X | X | X | X | X | X | X |
| 45005** | | 41.7 N | 82.4 W | X | X | X | X | X | X | X | X |
| 45006** | | 47.3 N | 89.9 W | X | X | X | X | X | X | X | X |
| 45007** | | 42.7 N | 87.1 W | X | X | X | X | X | X | X | X |
| 45008** | | 44.3 N | 82.4 W | X | X | X | X | X | X | X | X |
| 46001** | | 56.3 N | 148.2 W | X | X | X | X | X | X | X | X |
| 46002** | | 42.5 N | 130.3 W | X | X | X | X | X | X | X | X |
| 46003** | | 51.9 N | 155.9 W | X | X | X | X | X | X | X | X |
| 46005** | | 46.1 N | 131.0 W | X | X | X | X | X | X | X | X |
| 46006** | | 40.9 N | 137.5 W | X | X | X | X | X | X | X | X |
| 46011 | | 34.9 N | 120.9 W | . | . | . | . | . | . | . | . |
| 46012 | | 37.4 N | 122.7 W | X | X | X | X | X | X | X | X |
| 46013 | | 38.2 N | 123.3 W | X | X | X | X | X | X | X | X |
| 46014 | | 39.2 N | 124.0 W | X | X | X | X | X | X | X | X |
| 46022 | | 40.7 N | 124.5 W | X | X | X | X | X | X | X | X |
| 46023 | | 34.3 N | 120.7 W | X | X | X | X | X | X | X | X |
| 46025 | | 33.7 N | 119.1 W | X | X | X | X | X | X | X | X |
| 46026** | | 37.7 N | 122.7 W | X | X | X | X | X | X | X | X |
| 46027** | | 41.8 N | 124.4 W | . | X | X | X | X | X | X | X |
| 46028 | | 35.8 N | 121.9 W | X | X | X | X | . | X | X | X |
| 46029** | | 46.2 N | 124.2 W | X | X | X | X | X | X | X | X |
| 46030 | | 40.4 N | 124.5 W | X | X | X | X | X | X | X | X |
| 46035 | | 57.0 N | 177.7 W | X | X | X | X | X | X | X | X |
| 46040 | | 44.8 N | 124.3 W | . | . | . | . | . | . | . | . |
| 46041 | | 47.4 N | 124.5 W | X | X | X | X | X | X | X | X |
| 46042 | | 36.8 N | 122.4 W | X | X | X | X | . | X | X | X |
| 46045 | | 33.8 N | 118.4 W | X | X | X | X | X | X | X | X |
| 46047 | | 32.7 N | 119.6 W | X | X | X | X | X | X | X | X |
| 46048 | | 32.9 N | 117.9 W | X | X | X | X | X | X | X | X |
| 46050 | | 44.6 N | 124.5 W | X | X | X | X | X | X | X | X |
| 46051 | | 34.5 N | 120.7 W | X | X | X | X | X | X | X | X |
| 51001** | | 23.4 N | 162.3 W | X | X | X | X | X | X | X | X |
| 51002** | | 17.2 N | 157.8 W | X | X | X | X | X | X | X | X |
| 51003** | | 19.3 N | 160.8 W | X | X | X | X | X | X | X | X |
| 51004** | | 17.4 N | 152.5 W | X | X | X | X | X | X | X | X |
| 52009 | | 13.7 N | 144.7 E | . | X | X | X | X | X | X | X |

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

4.2 United States of America (continued)

4.2.2 Drifting Buoys

| WMO buoy Identifier | ARGOS Identifier | Position: 14-15 October 1992 | | Observed or technical parameters | | | | | | | |
|---------------------|------------------|------------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 16807 | 05133 | 61 °S | 162 °E | . | X | * | . | X | . | . | . |
| 16809 | 12314 | 43 °S | 073 °E | . | X | * | . | X | . | . | . |
| 16810 | 12309 | 54 °S | 091 °E | . | X | X | . | X | . | . | . |
| 17809 | 05125 | 32 °S | 052 °E | . | X | X | . | X | . | . | . |
| 17812 | 01981 | 56 °S | 069 °E | . | X | * | . | X | . | . | . |
| 17814 | 01968 | 45 °S | 097 °E | . | X | X | . | X | . | . | . |
| 17825 | 05129 | 29 °S | 074 °E | . | X | X | . | X | . | . | . |
| 33510 | 12308 | 34 °S | 109 °E | . | X | X | . | X | . | . | . |
| 33831 | 01967 | 41 °S | 032 °E | . | X | X | . | X | . | . | . |
| 54801 | 01973 | 20 °S | 164 °E | . | X | X | . | X | . | . | . |
| 54802 | 01993 | 34 °S | 142 °W | . | X | X | . | X | . | . | . |
| 54803 | 01975 | 47 °S | 156 °W | . | X | X | . | X | . | . | . |
| 54804 | 01970 | 47 °S | 148 °W | . | X | X | . | X | . | . | . |
| 54805 | 01985 | 44 °S | 157 °W | . | X | X | . | X | . | . | . |
| 54833 | 06586 | 46 °S | 124 °W | X | X | X | . | X | . | . | X |
| 54838 | 08823 | 41 °S | 127 °W | . | X | X | . | X | . | . | . |
| 54843 | 05134 | 48 °S | 107 °W | . | X | X | . | X | . | . | . |
| 54844 | 05123 | 48 °S | 098 °W | . | X | X | . | X | . | . | . |
| 54846 | 01969 | 57 °S | 143 °E | . | X | X | . | X | . | . | . |
| 56801 | 05130 | 13 °S | 093 °E | . | X | X | . | X | . | . | . |
| 56835 | 12291 | 24 °S | 083 °E | . | X | X | . | X | . | . | . |
| 56836 | 12293 | 22 °S | 096 °E | . | X | X | . | X | . | . | . |
| 56837 | 05116 | 06 °S | 107 °E | . | * | X | . | * | . | . | . |
| 56838 | 12294 | 12 °S | 045 °E | . | X | X | . | X | . | . | . |
| 56839 | 05124 | 19 °S | 064 °E | . | X | X | . | X | . | . | . |
| 74801 | 01980 | 65 °S | 039 °W | . | * | X | . | * | . | . | . |

* Sensor / system failure.

4.3 France

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

Legend - Observed or technical parameters

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

4.3 France (continued)

4.3.2 Drifting Buoys

| WMO buoy Identifier | ARGOS Identifier | Position: 20 October 1992 | | Observed or technical parameters | | | | | | | | | |
|---------------------|------------------|---------------------------|-----------|----------------------------------|---|---|---|---|---|---|---|---|---|
| | | Latitude | Longitude | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 52571 | 02684 | 03°14'N | 157°42'E | . | . | . | . | X | . | . | . | . | x |
| 52572 | 02685 | 04°23'N | 162°04'E | . | . | . | . | X | . | . | . | . | x |
| 52573 | 02686 | 05°59'N | 161°18'E | . | . | . | . | X | . | . | . | . | x |
| 52574 | 02687 | 01°08'N | 151°02'E | . | . | . | . | X | . | . | . | . | x |
| 52888 | 02675 | 05°10'S | 154°52'E | . | . | . | . | X | . | . | . | . | x |
| 52889 | 02678 | 06°09'N | 174°03'E | . | . | . | . | X | . | . | . | . | X |
| 52890 | 02679 | 06°00'N | 177°18'E | . | . | . | . | X | . | . | . | . | X |
| 52891 | 02676 | 02°12'N | 154°22'E | . | . | . | . | X | . | . | . | . | X |
| 52892 | 02677 | 04°58'N | 172°41'E | . | . | . | . | * | . | . | . | . | * |
| 52893 | 02680 | 00°44'N | 156°35'E | . | . | . | . | X | . | . | . | . | X |
| 52894 | 02681 | 01°32'S | 149°43'E | . | . | . | . | X | . | . | . | . | X |
| 52895 | 02682 | 02°38'S | 148°32'E | . | . | . | . | X | . | . | . | . | X |
| 62501 | 10115 | 35°16'N | 15°58'W | . | . | X | X | X | . | . | . | . | . |
| 62502 | 10106 | 44°34'N | 11°29'W | * | . | X | X | X | . | . | . | . | . |
| 62503 | 05834 | 43°27'N | 13°36'W | . | . | X | X | X | . | . | . | . | X |
| 62504 | 05825 | 39°59'N | 12°12'W | . | . | X | X | X | . | . | . | . | . |
| 62505 | 14412 | 41°50'N | 15°17'W | X | . | X | . | X | . | . | . | . | X |
| 62506 | 10119 | 29°24'N | 25°18'W | . | . | X | . | X | . | . | . | . | X |
| 62507 | 05794 | 46°46'N | 11°11'W | . | . | X | X | X | . | . | . | . | . |
| 62508 | 15499 | 32°58'N | 22°56'W | X | . | X | . | X | . | . | . | . | X |

* Sensor/system failure

5. ARGOS service

5.1 ARGOS monthly status report

As at 1 October 1992 the ARGOS service was handling reports from 1572 drifting buoys, 352 moored buoys, 69 balloons, 70 ships, 612 animal trackings, 481 fixed stations, 433 boats and 403 miscellaneous platforms. DRIFTER reports from 111 drifting buoys and BATHY reports from 11 selected ships were transmitted to the RTH Paris and DRIFTER reports from 460 drifting buoys were transmitted to the WMC Washington for insertion into the GTS. The list of platforms reporting through ARGOS and distributed over the GTS follows:

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|-------------------|---------------------------|------------------|
| Australia | 55512 | 00416 |
| | 55513 | 00421 |
| | 55515 | 00415 |
| | 55516 | 00417 |
| | 55517 | 00413 |
| | 56001 | 04873 |
| | 56501+ | 02934 |
| | 56504 | 08036 |

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|-----------------------|---------------------------|------------------|
| Australia (continued) | 56506 | 04875 |
| | 56507 | 04876 |
| | 56508 | 04877 |
| | 56549 | 04872 |
| | ELIL9* | 04719 |
| | FNCZ* | 08744 |
| | FNGS* | 04707 |
| | FNOM* | 04701 |
| | FNZO* | 04716 |
| | HPEW* | 04703 |

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

5.1 ARGOS monthly status report (continued)

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier | Operating country | WMO Identifier/ Call sign | ARGOS Identifier | |
|-------------------|------------------------------|------------------|----------------------|------------------------------|------------------|-------|
| Canada | 21551 | 01333 | Italy (continued) | 64632 | 15907 | |
| | 21553 | 01332 | | 64633 | 15908 | |
| | 45138 | 08249 | | 64634 | 15912 | |
| | 46643 | 01185 | | 64635 | 15915 | |
| | 46648 | 01188 | | 64636 | 15927 | |
| | 46651 | 01318 | | 64901 | 08330 | |
| | 48550 | 11251 | | 64902 | 08331 | |
| | 48552 | 11254 | | 64903 | 08334 | |
| | 48553 | 11253 | | 64904 | 08631 | |
| | 48556 | 11252 | | 64905 | 08633 | |
| | Finland | 71091 | | 05895 | 64906 | 08637 |
| | | | | | 64907 | 08638 |
| | France | 62501 | | 10115 | 64908 | 08639 |
| | | 62502 | | 10106 | 64909 | 08641 |
| 62503 | | 05834 | 64910 | 08642 | | |
| 62504 | | 05825 | 64911 | 14382 | | |
| 62507 | | 05794 | 64912 | 14383 | | |
| 62515 | | 10109 | 64913 | 14384 | | |
| GYSE* | | 09199 | 64914 | 14385 | | |
| SGFK* | | 09193 | 64915 | 14386 | | |
| VJDI* | | 09188 | 64916 | 14387 | | |
| VJDP* | | 09198 | 64917 | 14389 | | |
| 9VUU* | | 09190 | 64918 | 14395 | | |
| | | | 64920 | 15889 | | |
| Germany | | 48601 | 11240 | New Zealand | 55580 | 06439 |
| | | 48602 | 11241 | | 55584 | 07178 |
| | 63662 | 09360 | 55585 | | 07177 | |
| | 63663 | 09372 | 55586 | | 07176 | |
| | 71042 | 03317 | 55587 | | 08584 | |
| | 71524 | 03315 | 55588 | | 08585 | |
| | 71550 | 09356 | 55589 | | 08586 | |
| | 71551 | 09357 | | | | |
| | 71552 | 09358 | Norway | | 17001 | 01591 |
| | 71552+ | 09442 | | | 25561 | 01556 |
| | 71553 | 09359 | | | 26531 | 01791 |
| | 71554 | 09366 | | | 26532 | 01790 |
| | 71555 | 09367 | | | 44760 | 03038 |
| | 71556 | 09368 | | | 44766 | 03675 |
| 71557 | 09369 | 63006 | | 09400 | | |
| | | 63531 | | 03704 | | |
| Italy | 63901 | 08335 | | 65594 | 09308 | |
| | 63902 | 14388 | | 71003 | 09498 | |
| | 63903 | 15910 | | 71004 | 09499 | |
| | 63904 | 15919 | | 74002 | 09405 | |
| | 64624 | 15891 | | 74005+ | 09406 | |
| | 64625 | 15892 | | | | |
| | 64626 | 15894 | | | | |
| | 64627 | 15898 | | | | |
| | 64628 | 15900 | | | | |
| | 64629 | 15902 | | | | |
| | 64630 | 15903 | | | | |
| | 64631 | 15904 | | | | |
| | | | Republic of Korea | 22602 | 02032 | |
| | | | | 22603 | 02033 | |

* Sensor/system failure

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

5.1 ARGOS monthly status report (continued)

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier | Operating country | WMO Identifier/ Call sign | ARGOS Identifier | |
|-------------------|------------------------------|------------------|--------------------------------------|------------------------------|------------------|-------|
| South Africa** | 14524 | 03515 | United States of America (continued) | 13922 | 02005 | |
| | 17538 | 03510 | | 13923 | 02006 | |
| | 17539 | 03511 | | 13924 | 14436 | |
| United Kingdom | 44762 | 01639 | 13925 | 14438 | | |
| | | 01253 | 13926 | 02070 | | |
| | | 01256 | 14464 | 14464 | | |
| | | 01254 | 15103 | 15103 | | |
| | 44765 | 01255 | 15700 | 15700 | | |
| | 44767 | 04036 | 16807 | 05133 | | |
| | 44768 | 06288 | | 16810 | 12309 | |
| | 62601 | 08336 | | 17809 | 05125 | |
| | 62602 | 03909 | | 17812 | 01981 | |
| | | 03907 | 17814 | 01968 | | |
| | | 03916 | | 17825 | 05129 | |
| | | 62696 | | 01251 | 21524 | 02269 |
| | 62697 | 01261 | | 21526 | 01535 | |
| | 62805 | 06285 | 21528 | 01536 | | |
| | 64043 | 06270 | | 21532 | 16323 | |
| | 64608 | 01252 | | 21573 | 04648 | |
| | United States of America | 11318 | | 14356 | 21901 | 15537 |
| | | 12513 | 06283 | 21902 | 15536 | |
| | | 13005 | 01647 | | 21903 | 15588 |
| | | 13501 | 12720 | | 21904 | 14981 |
| | | 13502 | 12721 | | 21905 | 00499 |
| 06187 | | | 21906 | 00501 | | |
| 13507 | | | | 16348 | 21907 | 00502 |
| 13508 | | | | 16349 | 21908 | 15572 |
| 13509 | | 16353 | | 21909 | 16191 | |
| | | 16354 | 21910 | 16192 | | |
| | | 13901 | | 14455 | 21911 | 16194 |
| | | 13902 | | 14456 | 21912 | 16213 |
| 13903 | | 14457 | | 21913 | 16214 | |
| | | 14445 | 21914 | 14972 | | |
| | | 13904 | | 14447 | 21915 | 15574 |
| | | 13905 | | 14460 | 21916 | 15576 |
| 13906 | | 14461 | | 21917 | 16193 | |
| | | 14462 | 21918 | 16210 | | |
| | | 13907 | | 14461 | 21919 | 16212 |
| | | 13908 | | 14462 | 21920 | 15583 |
| 13909 | | 08598 | | 21921 | 15584 | |
| 13911 | 14448 | 21922 | 15586 | | | |
| 13912 | 14439 | | 21923 | 14980 | | |
| | 14450 | | 21924 | 15585 | | |
| | 14452 | | 22901 | 00507 | | |
| | 14453 | 22902 | 00508 | | | |
| 13918 | 14437 | | 22903 | 00498 | | |
| 13919 | 14442 | | 22904 | 00531 | | |
| 13920 | 14443 | | 25537 | 12805 | | |
| 13921 | 14444 | 32439 | 15604 | | | |
| 32512 | 11920 | | | | | |
| | 32513 | | 11917 | | | |
| | 32514 | | 11948 | | | |

** 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

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

5.1 ARGOS monthly status report (continued)

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|--|------------------------------|------------------|
| United States of America (continued) | 32515 | 15648 |
| | 32516 | 11927 |
| | 32517 | 15093 |
| | 32518 | 15091 |
| | 32519 | 11905 |
| | 32520 | 15649 |
| | 32521 | 15651 |
| | 32522 | 15598 |
| | 32523 | 10809 |
| | 32524 | 15695 |
| | 32526 | 15696 |
| | 32527 | 15697 |
| | 32528 | 03224 |
| | 32529 | 15028 |
| | 32530 | 15699 |
| | 32531 | 15011 |
| | 32532 | 11897 |
| | 32533 | 15017 |
| | 32534 | 15018 |
| | 32535 | 15025 |
| | 32536 | 15026 |
| | 32537 | 03225 |
| | 32538 | 15602 |
| | 32540 | 11904 |
| | 32541 | 15595 |
| | 32542 | 15596 |
| | 32543 | 03567 |
| | 32544 | 11908 |
| | 32545 | 15679 |
| | 32547 | 15597 |
| | 32548 | 15599 |
| | 32549 | 11163 |
| | 32551 | 15600 |
| | 32552 | 11195 |
| | 32553 | 15603 |
| | 32554 | 15601 |
| | 32555 | 15625 |
| | 32556 | 11934 |
| | 32557 | 15626 |
| | 32558 | 09276 |
| | 32559 | 15627 |
| | 32560 | 03252 |
| | 32901 | 03565 |
| | 32902 | 15045 |
| | 32903 | 15050 |
| | 32904 | 15128 |
| | 32906 | 15685 |
| | 32907 | 15686 |
| | 32908 | 15687 |
| | 32910 | 15540 |
| | 32911 | 15541 |
| | 32912 | 15542 |

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|--|------------------------------|------------------|
| United States of America (continued) | 32913 | 15546 |
| | 32914 | 03568 |
| | 32915 | 15048 |
| | 32916 | 15545 |
| | 33510 | 12308 |
| | 33831 | 01967 |
| | 34901 | 15123 |
| | 34902 | 15125 |
| | 41501 | 06821 |
| | 41502 | 06389 |
| | 41503 | 06278 |
| | 41504 | 12722 |
| | 41505 | 06638 |
| | 41506 | 02271 |
| | 41520 | 06390 |
| | 41521 | 06425 |
| | 41522 | 01125 |
| | 41523 | 01128 |
| | 41525 | 06277 |
| | 41902 | 08594 |
| | 41903 | 08596 |
| | 41904 | 08599 |
| | 41906 | 12333 |
| | 41907 | 12329 |
| | 41908 | 12339 |
| | 41909 | 02007 |
| | 41910 | 12324 |
| | 41911 | 12325 |
| | 41912 | 02008 |
| | 41913 | 12330 |
| | 41914 | 12334 |
| | 41915 | 12328 |
| | 41916 | 12327 |
| | 41917 | 12337 |
| | 41918 | 12338 |
| | 42026 | 00937 |
| | 42027 | 00930 |
| | 42028 | 00932 |
| | 42030 | 00931 |
| | 42501 | 02447 |
| | 42502 | 03582 |
| | 43501 | 11919 |
| | 43503 | 15656 |
| | 43504 | 11198 |
| | 43505 | 15657 |
| | 43506 | 15698 |
| | 43507 | 15010 |
| | 43508 | 15008 |
| | 44505 | 09169 |
| | 44507 | 09175 |
| | 44508 | 02579 |
| | 44509 | 02589 |

5.1 ARGOS monthly status report (continued)

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|--|------------------------------|------------------|
| United States of America (continued) | 44514 | 04646 |
| | 44515 | 01149 |
| | 44903 | 12323 |
| | 44904 | 12321 |
| | 44905 | 12335 |
| | 44906 | 12332 |
| | 44907 | 01866 |
| | 46521 | 14318 |
| | 46523 | 14604 |
| | 46524 | 14606 |
| | 46531 | 15618 |
| | 46532 | 15615 |
| | 46533 | 15619 |
| | 46534 | 15624 |
| | 46535 | 15607 |
| | 46536 | 15609 |
| | 46537 | 15612 |
| | 46538 | 15579 |
| | 46539 | 15622 |
| | 46540 | 15577 |
| | 46541 | 15643 |
| | 46542 | 15639 |
| | 46543 | 15642 |
| | 46544 | 15637 |
| | 46545 | 15640 |
| | 46546 | 15641 |
| | 46547 | 15070 |
| | 46548 | 15580 |
| | 46549 | 15076 |
| | 46550 | 01135 |
| | 46901 | 15655 |
| | 46902 | 15563 |
| | 46903 | 15564 |
| | 46904 | 15573 |
| | 46905 | 15581 |
| | 46906 | 15582 |
| | 46907 | 15578 |
| | 47601 | 12823 |
| | 48519 | 12820 |
| | 48520 | 12801 |
| | 48554 | 12802 |
| | 48555 | 12806 |
| | 48557 | 12808 |
| | 48558 | 12821 |
| | 48559 | 12822 |
| | 48560 | 12824 |
| | 48562 | 12826 |
| | 48564 | 12828 |
| | 48565 | 12829 |
| | 51025 | 12878 |
| | 51510 | 15042 |
| | 51511 | 03376 |

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|--|------------------------------|------------------|
| United States of America (continued) | 51512 | 15089 |
| | 51513 | 11663 |
| | 51514 | 02433 |
| | 51515 | 14432 |
| | 51516 | 11949 |
| | 51517 | 03377 |
| | 51518 | 15077 |
| | 51519 | 02437 |
| | 51520 | 03117 |
| | 51801 | 14433 |
| | 51802 | 02434 |
| | 51803 | 15593 |
| | 51804 | 14434 |
| | 51805 | 15106 |
| | 51806 | 03378 |
| | 51807 | 03379 |
| | 51808 | 02435 |
| | 51809 | 14435 |
| | 51810 | 11956 |
| | 51811 | 15653 |
| | 51812 | 15654 |
| | 51813 | 11924 |
| | 51814 | 11946 |
| | 51815 | 03222 |
| | 51816 | 15616 |
| | 51817 | 15617 |
| | 51818 | 03467 |
| | 51820 | 03468 |
| | 51821 | 11690 |
| | 51822 | 03570 |
| | 51823 | 03223 |
| | 51824 | 02436 |
| | 51825 | 03116 |
| | 51826 | 03119 |
| | 51827 | 03572 |
| | 51828 | 15015 |
| | 51830 | 15088 |
| | 51832 | 11955 |
| | 51833 | 11872 |
| | 51834 | 11957 |
| | 51835 | 09271 |
| | 51836 | 09270 |
| | 51837 | 15621 |
| | 51838 | 03170 |
| | 51839 | 03173 |
| | 51840 | 15090 |
| | 51841 | 11950 |
| | 51842 | 11702 |
| | 51845 | 15107 |
| | 51846 | 11692 |
| | 51847 | 15027 |
| | 51848 | 15009 |

5.1 ARGOS monthly status report (continued)

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|--|------------------------------|------------------|
| United States of America (continued) | 51850 | 15608 |
| | 51855 | 11705 |
| | 51856 | 15082 |
| | 51858 | 15611 |
| | 51859 | 15606 |
| | 51861 | 15099 |
| | 51862 | 11670 |
| | 51863 | 15636 |
| | 51865 | 15638 |
| | 51866 | 15644 |
| | 51867 | 15645 |
| | 51869 | 11674 |
| | 51870 | 11679 |
| | 51871 | 15646 |
| | 51872 | 11696 |
| | 51873 | 11699 |
| | 51875 | 11704 |
| | 51876 | 11683 |
| | 51878 | 15072 |
| | 51879 | 15074 |
| | 51880 | 15078 |
| | 51881 | 15080 |
| | 51883 | 15083 |
| | 51884 | 15084 |
| | 51885 | 15086 |
| | 51901 | 15658 |
| | 51902 | 15671 |
| | 51903 | 15672 |
| | 51905 | 15674 |
| | 52506 | 15031 |
| | 52507 | 15037 |
| | 52508 | 15104 |
| | 52509 | 15109 |
| | 52510 | 11939 |
| | 52511 | 16199 |
| | 52512 | 15023 |
| | 52513 | 15661 |
| | 52514 | 14975 |
| | 52515 | 15041 |
| | 52517 | 15551 |
| | 52518 | 15114 |
| | 52520 | 15121 |
| | 52521 | 16320 |
| | 52522 | 01143 |
| | 52523 | 01144 |
| | 52524 | 01145 |
| | 52525 | 06828 |
| | 52526 | 06829 |
| | 52527 | 16305 |
| | 52529 | 16308 |
| | 52530 | 16309 |
| | 52532 | 16311 |

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|--|------------------------------|------------------|
| United States of America (continued) | 52533 | 16312 |
| | 52534 | 16313 |
| | 52535 | 16314 |
| | 52536 | 16315 |
| | 52537 | 16316 |
| | 52539 | 16318 |
| | 52540 | 16319 |
| | 52616 | 15021 |
| | 52801 | 15035 |
| | 52802 | 15552 |
| | 52803 | 15029 |
| | 52804 | 16202 |
| | 52805 | 15012 |
| | 52807 | 09278 |
| | 52808 | 15666 |
| | 52809 | 15016 |
| | 52810 | 15701 |
| | 52811 | 16206 |
| | 52812 | 15126 |
| | 52814 | 15659 |
| | 52815 | 15660 |
| | 52816 | 15664 |
| | 52817 | 15665 |
| | 52818 | 15670 |
| | 52826 | 15668 |
| | 52827 | 16200 |
| | 52828 | 15669 |
| | 52829 | 01208 |
| | 52830 | 16197 |
| | 52831 | 16204 |
| | 52832 | 01214 |
| | 52833 | 01215 |
| | 52835 | 15548 |
| | 52836 | 15549 |
| | 52872 | 11890 |
| | 52896 | 01028 |
| | 52928 | 15692 |
| | 53801 | 00503 |
| | 53802 | 00504 |
| | 53803 | 00506 |
| | 54801 | 01973 |
| | 54802 | 01993 |
| | 54803 | 01975 |
| | 54804 | 01970 |
| | 54805 | 01985 |
| | 54833 ⁺ | 06586 |
| | 54836 | 05128 |
| | 54838 | 08823 |
| | 54840 | 05120 |
| | 54843 | 05134 |
| | 54844 | 05123 |
| | 54901 | 15049 |

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

5.1 ARGOS monthly status report (continued)

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|--------------------------|------------------------------|------------------|
| United States of America | 54902 | 15115 |
| | 54903 | 15118 |
| (continued) | 54904 | 15020 |
| | 54905 | 15024 |
| | 54906 | 15539 |
| | 54907 | 15044 |
| | 54908 | 15129 |
| | 54909 | 15120 |
| | 54910 | 15033 |
| | 54912 | 15101 |
| | 54913 | 15112 |
| | 54914 | 15119 |
| | 54915 | 15678 |
| | 54916 | 15630 |
| | 54917 | 15631 |
| | 54918 | 15632 |
| | 54919 | 15634 |
| | 54920 | 15633 |
| | 54921 | 15675 |
| | 54922 | 15682 |
| | 54923 | 15683 |
| | 54924 | 15693 |
| | 54925 | 15694 |
| | 54926 | 15676 |
| | 54927 | 15538 |
| | 54929 | 15681 |
| | 54930 | 15690 |
| | 54931 | 15543 |
| | 54932 | 15547 |
| | 54933 | 15544 |
| | 55601 | 01123 |
| | 56801 | 05130 |
| | 56835 | 12291 |
| | 56836 | 12293 |
| | 56837 | 05116 |
| | 56838 | 12294 |
| | 56839 | 05124 |
| | 56840 | 12292 |
| | 61522 | 06827 |
| | 61530 | 16346 |
| | 61534 | 12692 |
| | 61535 | 06284 |
| | 61537 ⁺ | 11283 |
| | 61538 | 11286 |
| | 62673 | 01131 |
| | 62674 | 01132 |
| | 62675 | 01129 |
| | 62901 | 15569 |
| | 62902 | 15570 |
| | 62903 | 15571 |
| | 62904 | 01862 |
| | 62905 | 01864 |

| Operating country | WMO Identifier/ Call sign | ARGOS Identifier |
|--------------------------|------------------------------|------------------|
| United States of America | 62906 | 08590 |
| | 62907 | 08591 |
| (continued) | 64582 ⁺ | 02126 |
| | 64583 | 02128 |
| | 71564 | 01433 |
| | 74801 | 01980 |
| ATLAS BUOYS | 32315 | 06461 |
| | 32316 | 06799 |
| | 32317 | 15808 |
| | 32318 | 12522 |
| | 32319 | 06371 |
| | 43001 | 06473 |
| | 51006 | 04597 |
| | 51007 | 15814 |
| | 51008 | 04596 |
| | 51009 | 15811 |
| | 51010 | 04591 |
| | 51011 | 12529 |
| | 51014 | 04595 |
| | 51016 | 15812 |
| | 51017 | 12527 |
| | 51018 | 15809 |
| | 51019 | 06475 |
| | 51021 | 04594 |
| | 51022 | 04592 |
| | 51023 | 06517 |
| | 51301 | 06380 |
| | 51302 | 04593 |
| | 51303 | 06474 |
| | 51304 | 00789 |
| | 51305 | 00791 |
| | 51306 | 06794 |
| | 51308 | 00990 |
| | 51309 | 00792 |
| | 51310 | 00790 |
| | 52001 | 12526 |
| | 52002 | 06476 |
| | 52003 | 12528 |
| | 52004 | 12528 |
| | 52006 | 06519 |
| | 52007 | 06797 |
| | 52008 | 06795 |
| | 52011 | 06796 |
| | 52012 | 06471 |
| | 52301 | 00776 |
| | 52302 | 00777 |
| | 52303 | 00772 |
| | 52304 | 00775 |
| | 52305 | 00771 |
| | 52307 | 00774 |
| | 52308 | 06521 |

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

XBT SOFTWARE

Some XBT bulletins have not been distributed due to a virus in the new XBT software. We are sorry for this inconvenience.

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

In view of the difficulties experienced at present in identifying non-implemented observing stations or implemented stations which are closed or suspended for a certain period, or stations making observations but not reaching their NMCs, the ninth session of the CBS Advisory Working Group recommended that a special table be added to the WWW monthly operational letter to serve as feed-back from Members to the Secretariat on any changes of the present state of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations.

The special table, accompanied by explanatory notes (see Appendix, pages 1 and 2) is attached as an appendix to this annex. Members are urged to fill in this appendix, as and when appropriate, and to return it to the Secretariat before the 1st of each month to enable changes to be included in the next monthly letter.

Feed-back from Members to the Secretariat on any changes in the observing network

(Explanatory Notes overleaf)

Global Exchange / Regional Exchange (delete as appropriate)

Country: _____

| Station index number | Bulletin identification TTAAii CCCC | Implementation of observing programme | | | | | | | | Alternate observing station | Remarks |
|----------------------|--|---------------------------------------|----|----|----|----|----|----|----|-----------------------------|---------|
| | | 00 | 03 | 06 | 09 | 12 | 15 | 18 | 21 | | |

1. SYNOP

2. TEMP

3. PILOT

Explanatory notes for
Feed-back
from Members to the Secretariat
on any changes in the observing network

1. Separate tables should be prepared for global exchange and regional exchange respectively. These tables should contain information concerning any changes of the present state of implementation of observing programmes of SYNOP, TEMP and PILOT reporting stations given in Attachment I-4 of the Manual on the GTS, Volume I for global exchange and, as applicable, Attachments AF-I, AI-1, SA-1, NA-1, PS-1 and EU-1 of the Manual on the GTS, Volume II for regional exchange.
2. For entries in these tables, the following should be taken into account:
 - (a) In the column "Station index number", the index number (Iliii) of each station should be entered in case of any changes in the observing programmes of the stations;
 - (b) In the column "Bulletin identification", the TTAAii CCCC of the abbreviated heading of the meteorological bulletins which contains reports from the station should be inserted;
 - (c) In the column "Implementation of observing programme", "X" for implementation and "-" for non-implementation should be inserted as appropriate. In order to easily identify changes in the programme, this should be marked in red;
 - (d) In the column "Alternate observing station", the index number (Ilii) of an alternate observing station should be inserted in case another station is available with a view to filling gaps which are caused by suspension of observing programmes of the original station;
 - (e) The required information concerning the observing programme of the alternate station should be inserted in the next horizontal line of the original station;
 - (f) In the column "Remarks", reasons of temporary suspension of observing programmes and an expected date of resumption of the programmes should be given as far as possible. Non-standard collection and/or distribution times should also be included.
3. These tables should be sent to the Secretariat before the 1st of the month for inclusion of the changes in the monthly operational letter, as appropriate.

ANNEX III - Global Telecommunication System

Date: October 1992

C. Information on the operation of the GTS

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

2.3 Changes in schedules/technical specifications

- **Notification from Germany**

VI-iii OFFENBACH/MAIN-MAINFLINGEN (DCF 54), Programme 1 radio-facsimile broadcast effective 1 October 1992 changes as follows:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
|------|----|---------|--------------------------------|---|--------------|----------------|---|--------|
| 0602 | 10 | 120/576 | PRME85 EDZW PRMG85 EDZW | | 0000 0000 | K15 K15) | H+24) H+36) 850 hPa F (EM) | No. 17 |
| 0927 | 9 | 120/576 | PZZZ95 EDZW PMRZ95 EDZW | | | | Test chart ¹⁰⁾ or thermopluviogram ¹¹⁾ / Carte de réglage ¹⁰⁾ ou thermopluviogramme ¹¹⁾ | No. 30 |
| 0937 | 15 | 120/576 | PTMZ98 EDZW PTRZ98 EDZW | | | R15 E05 | Extremes of temperature ⁹⁾ / Températures extrêmes ⁹⁾ Extremes of temperature and amount of precipitation of previous 24 hours ⁹⁾ / Températures extrêmes et quantité de précipitations des 24 heures précédentes ⁹⁾ | No. 31 |
| 0959 | 19 | 120/576 | PPNA98 EDZW | | 0600 | D15 | Surface pressure analysis with plotted data / Analyse de la pression en surface avec données pointées | No. 32 |
| 1019 | 19 | 120/576 | PYMZ98 EDZW | | 0900 | A05 | Plotted surface data / Données pointées en surface | No. 33 |
| 1039 | 10 | 120/576 | PPMG98 EDZW PPMJ98 EDZW | | 0000 0000 | D30 D30 | H+36) Surface (EM) ⁵⁾ H+60) | No. 34 |
| 1112 | 10 | 120/576 | PHQI50 EDZW PHQK50 EDZW | | 0000 0000 | Q60 Q60 | H+48) 500 hPa ¹²⁾ H+72) | No. 36 |
| 1123 | 12 | 120/576 | | | | | Experimental transmission/ Transmission d'essai | No. 37 |
| 1149 | 10 | 120/576 | PPNG98 EDZW PPNJ98 EDZW | | 0000 0000 | X5 X5 | H+36) Surface provided to press agencies/ H+60) Données en surface fournies aux agences de presse | No. 39 |
| 1802 | 10 | 120/576 | PRME85 EDZW PRMG85 EDZW | | 1200 1200 | K15 K15 | H+24) 850 hPa F (EM) H+36) | No. 61 |

Map areas / Zones couvertes par les cartes :

| Section | Area/Zone | | Scale/Echelle | | |
|---------|-----------|-------|---------------|-------|----------------|
| Q30) | 12°N | 108°W | 07°N | 125°E | (1: 30.000.000 |
| Q60) | 02°S | 33°W | 06°S | 57°E | (1: 60.000.000 |

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

6.3 Changes to existing stations

- Notification from France

D-B-VI: amend entry for columns (6), (7), (8) and (9) to read:

| 1 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
|---|-----|------|-----|-------|--------------|-------|----------------|--|--------------|
| ZONE VI - D (Mediterranean / Méditerranée) | | | | | | | | | |
| Monaco Radio (28.IX.1992) | (a) | 3 AC | A3E | 8255 | <u>4071</u> | 8779 | <u>4363</u>) | | |
| | | | | 12290 | 4393 | 13137 | 4404) | | |
| | | | | 16420 | <u>6203</u> | 17302 | 6504) | | |
| | | | | 22060 | <u>8204</u> | 22756 | <u>8728</u>) | | |
| | | | | | 8219 | | 8743) | | |
| | | | | | <u>12299</u> | | <u>13146</u>) | | |
| | | | | | 12236 | | 13083) | | |
| | | | | | <u>16378</u> | | <u>17260</u>) | | |
| | | | | | 16393 | | 17275) | | |
| | | | | | <u>22054</u> | | <u>22750</u>) | | |
| | | | | | 22072 | | 22768) | | |
| | | | | | 3 AF | F3E | 161.850 MHz | | 161.850 MHz) |
| | | | | | | | 161.900 MHz | | 161.900 MHz) |
| | | | | | | | 161.950 MHz | | 161.950 MHz) |
| | | | | | | | 162.000 MHz | | 162.000 MHz) |

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

Date: October 1992

C. Information on the operation of Marine Meteorological Services

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

1.3 Changes in schedules/technical specifications

- **Notification from France**

Aj-VI Groups A, B Monaco Radio effective 28 September 1992: delete 3AC 6 and change the following columns to read:

| Call sign Indicatif d'appel | Time of broadcast Heures de diffusion | Frequency used Fréquences kHz | Class of emission Classe d'émission | Power Puissance fournie à l'antenne | Language or code form (FM system) Langue employée ou forme symbolique | Area covered Zone intéressée | Remarks Remarques |
|--------------------------------|--|----------------------------------|--|--|---|---|---|
| (2) | (3) | (4) | (5) | (6) | (7) | (8) | (10) |
| 3AC 4 | (0903, 1403,) (1815 (local(es))) | 4 363 | A3J | 10 kW | In clear (French and English / En clair (français et anglais) | High sea areas Medit / Grand large zones Medit : 511, 512, 513, 521, 522, 523, 524, 531, 532, 533, 534 | Bulletin changed every 3 hours de 0700 to 1800 UTC / Bulletin changé toutes les 3 heures de 0700 à 1800 UTC. |
| 3AC 8 | 0715, 1715 | 8 728 | A3J | 10 kW | | | |
| 3AF | 0630-2300 | 161.750 MHz | F3E | 50 W | In clear (French) En clair (français) | Coastal strip 5 miles wide from Ciotat to Menton and outlook on high seas areas Gulf of Genova and Western Corsica / Bande côtière de 5 milles de la Ciotat à Menton et aperçu sur les zones "large" Golfe de Gênes et Ouest Corse | |
| 3AF | 0903, 1403, 1815 | 161.700 MHz | F3E | 50 W | In clear (French and English) En clair (français et anglais) | Coastal area and high sea off Côte d'Azur, Gulf of Lion and Gulf of Genova - Northern Balears, Eastern and Western Corsica / Zone côtière et large Côte d'Azur, Golfe du Lion et Golfe de Gênes - Nord Baléares Est et Ouest Corse | |

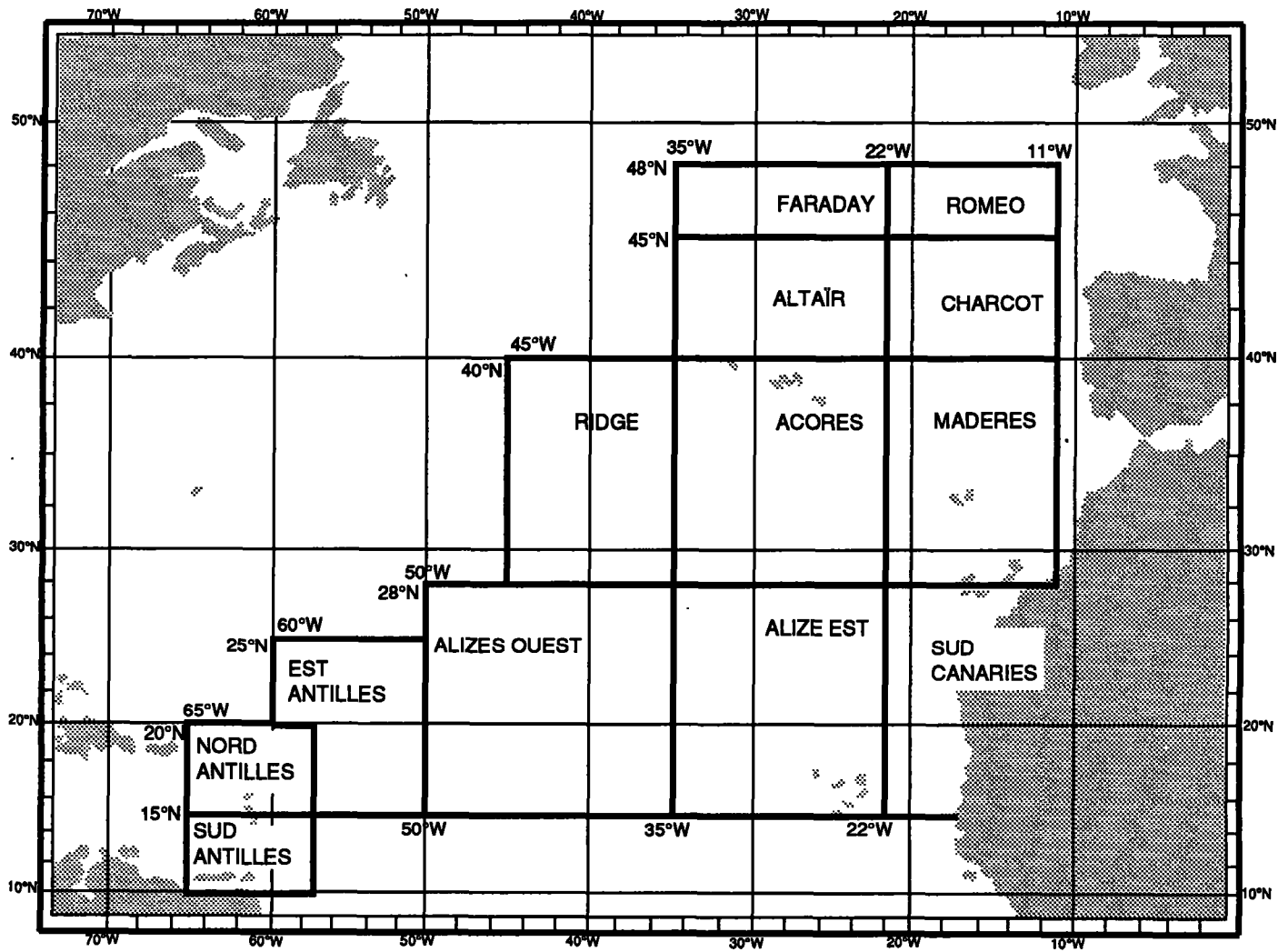
Aj-VI Groups B, D France replace the map (page D-Aj-VI-10-4) by the following map:

FRANCE - FRANCE

WEATHER FORECAST AREAS FOR RADIO FRANCE INTERNATIONALE
ZONES DE PREVISIONS DIFFUSE PAR RADIO FRANCE INTERNATIONALE

"Météo France"

28.IX.1992



Notification from Germany

Aii-VI OFFENBACH/MAIN-MAINFLINGEN (DCF 54), Programme 1 radio-facsimile broadcast effective 1 October 1992 changes as follows:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------|----|---------|--------------------------------|---|--------------|----------------|---|
| 0602 | 10 | 120/576 | PRME85 EDZW PRMG85 EDZW | | 0000 0000 | K15 K15) | H+24) H+36) 850 hPa F (EM) No. 17 |
| 0927 | 9 | 120/576 | PZZZ95 EDZW PMRZ95 EDZW | | | | Test chart ¹⁰⁾ or thermopluviogram ¹¹⁾ / Carte de réglage ¹⁰⁾ ou thermopluviogramme ¹¹⁾ No. 30 |
| 0937 | 15 | 120/576 | PTMZ98 EDZW PTRZ98 EDZW | | | R15 E05 | Extremes of temperature ⁹⁾ / Températures extrêmes ⁹⁾ Extremes of temperature and amount of precipitation of previous 24 hours ⁹⁾ / Températures extrêmes et quantité de précipitations des 24 heures précédentes ⁹⁾ No. 31 |
| 0959 | 19 | 120/576 | PPNA98 EDZW | | 0600 | D15 | Surface pressure analysis with plotted data / Analyse de la pression en surface avec données pointées No. 32 |
| 1019 | 19 | 120/576 | PYMZ98 EDZW | | 0900 | A05 | Plotted surface data / Données pointées en surface No. 33 |
| 1039 | 10 | 120/576 | PPMG98 EDZW PPMJ98 EDZW | | 0000 0000 | D30 D30 | H+36) Surface (EM) ⁵⁾ H+60) No. 34 |
| 1112 | 10 | 120/576 | PHQI50 EDZW PHQK50 EDZW | | 0000 0000 | Q60 Q60 | H+48) 500 hPa ¹²⁾ H+72) No. 36 |
| 1123 | 12 | 120/576 | | | | | Experimental transmission/ Transmission d'essai No. 37 |
| 1149 | 10 | 120/576 | PPNG98 EDZW PPNJ98 EDZW | | 0000 0000 | X5 X5 | H+36) Surface provided to press agencies/ H+60) Données en surface fournies aux agences de presse No. 39 |
| 1802 | 10 | 120/576 | PRME85 EDZW PRMG85 EDZW | | 1200 1200 | K15 K15 | H+24) 850 hPa F (EM) H+36) No. 61 |

Map areas / Zones couvertes par les cartes :

| Section | Area/Zone | | | | Scale/Echelle | |
|---------|-----------|-------|--|------|---------------|----------------|
| Q30) | 12°N | 108°W | | 07°N | 125°E | (1: 30.000.000 |
| Q60) | 02°S | 33°W | | 06°S | 57°E | (1: 60.000.000 |

Notification from Germany (continued)

Aii-VI OFFENBACH(MAIN)-HAMBURG/PINNEBERG (DDH3/DDK3/DDK6) radio-facsimile broadcast for shipping effective 1 October 1992 changes as follows:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------|----|---------|--------|------|------|-----|---|
| 0927 | 9 | 120/576 | PZZZ95 | EDZW | | | Test chart / Carte de réglage or/ou |
| | 15 | 120/576 | PZZZ93 | EDZW | | | Transmission schedule ⁴⁾ / Horaire de transmission ⁴⁾ |
| 0945 | 12 | 120/288 | PINA98 | EDZW | | V1 | Ice conditions chart West Baltic Sea ^{2) 3)} / Carte de l'état des glaces dans la mer Baltique Ouest ^{2) 3)} |
| | | | PISA98 | EDZW | | W | Ice conditions chart West Atlantic ^{2) 3)} / Carte de l'état des glaces dans l'Atlantique Ouest ^{2) 3)} |
| 0959 | 19 | 120/576 | PPNA98 | EDZW | 0600 | D15 | Surface pressure analysis with plotted data / Analyse de la pression en surface avec données pointées |
| 1019 | 19 | 120/576 | PYMZ98 | EDZW | 0900 | A05 | Plotted surface data. / Données pointées en surface |