ORGANISATION MÉTÉOROLOGIQUE MONDIALE WORLD METEOROLOGICAL ORGANIZATION

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In reply refer to / Dans la réponse, mentionner
N° W/OIS

Geneva, 15 April 1983

Annexes: 5

Subject: Monthly letter on the operation of the World Weather Watch (WWW) and Marine Meteorological Services (MMS) (April 1983)

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 1 - Global Observing System

B. Changes in global or regional components of WWW plan

1. Basic synoptic networks

1.1 New stations
1.2 Deleted stations

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

1. Publication No. 9, Volume A - Stations

1.1 New stations
1.3 Changes to existing stations

4. ARGOS monthly status report

E. Integrated WWW system study

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-3555)
Directors of Meteorological Services of non-Member countries (MC-2255)
Presidents and Vice-Presidents of Regional Associations (P.RA-1034)
Presidents and Vice-Presidents of Technical Commissions (P.TC-1104)
Chairmen of CBS Working Groups
Secretary-General of ICAO
Secretary of IOC
Director-General of ASECNA
Director of ECMWF

Annex II - Global Data-processing System

4. Output products of centres other than WMCs, RMCs and NMCs

4.3 Changes to products

Annex III - Global Telecommunication System

B. Updating of Manual on GTS in respect of the exchange lists

1. Global exchange lists (Manual on the GTS, Volume 1, Part 1, Attachment 1-4)

1.1 New stations
1.2 Deleted stations

C. Information on the operations of the GTS

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

1.1 New bulletins
1.2 Deleted bulletins

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

2.3 Changes in schedules/technical specifications

Annex IV - Codes

B. Manual on Codes

2. Regional practices

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

C. Information on the operation of Marine Meteorological Services

4. Collection and dissemination of marine information

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 me accordingly.

Yours faithfully,

for the Secretary-General
(G.K. Weiss)
Director
World Weather Watch Department

Date: 15 April 1983

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B. Changes in global or regional components of WWW plan

1. Basic synoptic networks

1.1 New stations

Region III

| | | | |
|---|---|---|---|
| 85141 | RURRENABAQUE | (14°29'S, 67°29'W) | (surface observations) |
| 85207 | SAN IGNACIO DE VELAZCO | (16°22'S, 60°57'W) | (surface observations) |
| 85283 | SUCRE | (19°01'S, 65°16'W) | (surface observations) |
| 85364 | TARIJA | (21°32'S, 64°43'W) | (surface observations) |

Region VI

| | | | |
|---|---|---|---|
| 40095 | DARA'A | (32°36'N, 36°06'E) | (surface observations) |

1.2 Deleted stations

Region III

| | | |
|---|---|---|
| 85152 | SAN BORJA | (14°52'S, 66°45'W) |
| 85196 | CONCEPCION | (16°15'S, 62°06'W) |
| 85205 | TODOS SANTOS | (16°40'S, 65°08'W) |
| 85247 | SAN JOSE | (17°50'S, 60°45'W) |

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

1. Publication No. 9, Volume A - Stations

1.1 New stations

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11127 | OBERGURGL | 4652N | 1102E | 1937 | 1938 | 850 | HPA | . . | X | . . . . . | . . . . | / |
| 44203 | RINCHINLHUMBE | 5107N | 9940E | 1583 | 1583 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44213 | BARUUNTURUUN | 4939N | 9424E | 1232 | 1232 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44215 | UMNU-GOBI | 4906N | 9143E | 1591 | 1590 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44225 | TOSONTSENGEL | 4844N | 9817E | 1723 | 1724 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44230 | TARIALAN | 4937N | 10200E | 1236 | 1235 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44237 | ERDENEMANDAL | 4832N | 10123E | 1510 | 1510 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44256 | DASHBALBAR | 4933N | 11424E | 705 | 706 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44265 | BAITAG | 4607N | 9138E | 1186 | 1186 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44275 | BAYANBULAG | 4650N | 9805E | 2255 | 2255 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44302 | BAYAN-OVOO | 4747N | 11207E | 926 | 926 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44313 | KHALKH-GOL | 4737N | 11837E | 688 | 689 | X X X X X X X X | | | | | HOO-24 | . . . . / |
| 44336 | SAIKHAN-OVOO | 4527N | 10354E | 1316 | 1317 | X X X X X X X X | | | | | HOO-24 | . . . . / |

1.3 Changes to existing stations

| | | |
|---|---|---|
| 67221 | MARRUPA | . X X X X . X . / |
| 48330 | PHRAE | X X X X X X X X / |
| 48351 | UTTARADIT | X X X X X X X X / |
| 48376 | TAK | X X X X X X X X / |
| 44218 | HOVDO | . . . . / |
| 44239 | BULGAN | . . . . / |
| 44241 | BARUNHARA | . . . . / |
| 44272 | ULIASTAI | . . . . / |
| 44282 | TSETSERLEG | . . . . / |
| 44341 | MANDALGOVI | . . . . / |

4. ARGOS monthly status report

As of 23 March 1983 the ARGOS service was handling reports from 196 drifting buoys, 31 moored buoys, 16 balloons, 6 ships, 73 fixed stations and 42 miscellaneous platforms. On the same date, during a period of 24 hours, 606 DRIBU reports were transmitted to RTH Paris for insertion into the GTS.

E. Integrated WWW system study

An Expert Meeting on ISS Observing System Experiments was held in Geneva from 14 to 15 March 1983. The meeting developed recommendations for a series of activities and experiments, necessary for designing an improved global observing system which will be considered by CBS. The report of this meeting, which is available in English only, can be requested from the Secretariat.

Date: 15 April 1983

4. Output products of centres other than WMCs, RMCs and NMCs

4.3 Changes to products

The European Centre for Medium Range Weather Forecasts (ECMWF) has been distributing a selection of its products via the Global Telecommunications System since 1 August 1981. These include surface pressure and 500 hPa geopotential height fields for Northern Hemispheric areas up to five forecast days, and for Southern Hemispheric areas up to four forecast days. Wind at 850 hPa and 200 hPa for tropical areas up to two forecast days are also included. Details concerning the bulletins are contained in WMO Publication No. 9, Volume C, Chapter I, Catalogue of Meteorological Bulletins. Information about or queries concerning ECMWF products may be addressed to:

The Director
ECMWF
Shinfield Park
Reading RG2 9AX
England

4.3.2 New ECMWF forecasting system

In May 1983, it is planned to make important changes to the ECMWF forecasting system. A spectral model will replace the current grid point model, and an improved model orography will be introduced at the same time. These changes will lead to improved forecast quality; the bulletins will remain unchanged with respect to format etc.

4.3.3 The new forecast model

An extensive intercomparison of a total of 53 forecasts, described in ECMWF Technical Report No. 32 by Girard and Jarraud (1982), and much subsequent experimentation has shown that use of a spectral model gives an improvement in forecast quality over that achieved by the Centre's current operational model. Although the operational and spectral models often gave very similar forecasts, some clear differences in overall performance were found.

4.3.4 The new "envelope" orography

Diagnostic and barotropic model studies reported by Wallace et al. (1983) have suggested that the use of a grid-square mean orography significantly underestimates the orographic forcing of the synoptic and larger-scale flow in the operational ECMWF forecast model. Prediction experiments, some of which are described by Wallace et al., have been carried out using a series of "envelope" orographies formed by adding to the mean orography 1.4 times the standard deviation of the actual orography over the grid square, this being computed from a very high resolution data set. Some significant improvements in the accuracy of forecasts have been found, amounting in the mean to an increase in medium-range predictability of at least six hours. The growth of some systematic errors has also been substantially reduced.

Date: 15 April 1983

B. Updating of Manual on GTS in respect of exchange lists

1. Global exchange lists (Manual on the GTS, Volume I, Part I, Attachment I-4).

1.1 New stations

SYNOP:

67221 at 06,12,18 GMT

PILOT:

62306 at 00 GMT
62378 at 00 GMT
62414 at 00 GMT

1.2 Deleted stations

TEMP:

62306 at 00 GMT
62378 at 00 GMT
62414 at 00 GMT

C. Information on the operations of the GTS

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

1.1 New bulletins

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GPXA98 | EGRR | 87700 | 00,12 | (32.5°N | - 75°N | 35°W | - 00 ), | GRID (2.5° x 2.5°) |
| GPXB98 | EGRR | 87701 | " | " | " | " | " | " |
| GPXC98 | EGRR | 87702 | " | " | " | " | " | " |
| GPXD98 | EGRR | 87703 | " | " | " | " | " | " |
| GPXE98 | EGRR | 87704 | " | " | " | " | " | " |
| GPXF98 | EGRR | 87705 | " | " | " | " | " | " |
| GPXG98 | EGRR | 87706 | " | " | " | " | " | " |
| GPYA98 | EGRR | 87707 | 00,12 | (32.5°N | - 75°N | 35°E | - 00°), | GRID (2.5° x 2.5°) |
| GPYB98 | EGRR | 87708 | " | " | " | " | " | " |
| GPYC98 | EGRR | 87709 | " | " | " | " | " | " |
| GPYD98 | EGRR | 87710 | " | " | " | " | " | " |
| GPYE98 | EGRR | 87711 | " | " | " | " | " | " |
| GPYF98 | EGRR | 87712 | " | " | " | " | " | " |
| GPYG98 | EGRR | 87713 | " | " | " | " | " | " |
| GEXB98 | EGRR | 87715 | 00,12 | (32.5°N | - 75°N | 35°W | - 00°), | GRID (2.5° x 2.5°) |
| GEXC98 | EGRR | 87716 | " | " | " | " | " | " |
| GEXD98 | EGRR | 87717 | " | " | " | " | " | " |
| GEXE98 | EGRR | 87718 | " | " | " | " | " | " |
| GEXF98 | EGRR | 87719 | " | " | " | " | " | " |
| GEXG98 | EGRR | 87720 | " | " | " | " | " | " |
| GEYB98 | EGRR | 87722 | 00,12 | (32.5°N | - 75°N | 35°E | - 00°), | GRID (2.5° x 2.5°) |
| GEYC98 | EGRR | 87723 | " | " | " | " | " | " |
| GEYD98 | EGRR | 87724 | " | " | " | " | " | " |
| GEYE98 | EGRR | 87725 | " | " | " | " | " | " |
| GEYF98 | EGRR | 87726 | " | " | " | " | " | " |
| GEYG98 | EGRR | 87727 | " | " | " | " | " | " |
| GHXA85 | EGRR | 87728 | 00,12 | (32.5°N | - 75°N | 35°W | - 00°), | GRID (2.5° x 2.5°) |
| GHXB85 | EGRR | 87729 | " | " | " | " | " | " |
| GHXC85 | EGRR | 87730 | " | " | " | " | " | " |
| GHXD85 | EGRR | 87731 | " | " | " | " | " | " |
| GHXE85 | EGRR | 87732 | " | " | " | " | " | " |
| GHXF85 | EGRR | 87733 | " | " | " | " | " | " |
| GHXG85 | EGRR | 87734 | " | " | " | " | " | " |
| GHYA85 | EGRR | 87735 | 00,12 | (32.5°N | - 75°N | 35°E | - 00°), | GRID (2.5° x 2.5°) |
| GHYB85 | EGRR | 87736 | " | " | " | " | " | " |
| GHYC85 | EGRR | 87737 | " | " | " | " | " | " |
| GHYD85 | EGRR | 87738 | " | " | " | " | " | " |
| GHYE85 | EGRR | 87739 | " | " | " | " | " | " |
| GHYF85 | EGRR | 87740 | " | " | " | " | " | " |

| | | | | |
|---|---|---|---|---|
| GHYG85 | EGRR | 87741 | " | " |
| GHXA50 | EGRR | 87742 | 00,12 | (32.5°N - 75°N 35°W - 00°), GRID (2.5° x 2.5°) |
| GHXB50 | EGRR | 87743 | " | " |
| GHXC50 | EGRR | 87744 | " | " |
| GHXD50 | EGRR | 87745 | " | " |
| GHXE50 | EGRR | 87746 | " | " |
| GHXF50 | EGRR | 87747 | " | " |
| GHXG50 | EGRR | 87748 | " | " |
| GHYA50 | EGRR | 87749 | 00,12 | (32.5°N - 75°N 35°E - 00°), GRID (2.5° x 2.5°) |
| GHYB50 | EGRR | 87750 | " | " |
| GHYC50 | EGRR | 87751 | " | " |
| GHYD50 | EGRR | 87752 | " | " |
| GHYE50 | EGRR | 87753 | " | " |
| GHYF50 | EGRR | 87754 | " | " |
| GHYG50 | EGRR | 87755 | " | " |
| GWXA85 | EGRR | 87756 | 00,12 | (32.5°N - 75°N 35°W - 00°), GRID (2.5° x 2.5°) |
| GWXB85 | EGRR | 87757 | " | " |
| GWXC85 | EGRR | 87758 | " | " |
| GWXD85 | EGRR | 87759 | " | " |
| GWXE85 | EGRR | 87760 | " | " |
| GWXF85 | EGRR | 87761 | " | " |
| GWXG85 | EGRR | 87762 | " | " |
| GWYA85 | EGRR | 87763 | 00,12 | (32.5°N - 75°N 35°E - 00°), GRID (2.5° x 2.5°) |
| GWYB85 | EGRR | 87764 | " | " |
| GWYC85 | EGRR | 87765 | " | " |
| GWYD85 | EGRR | 87766 | " | " |
| GWYE85 | EGRR | 87767 | " | " |
| GWYF85 | EGRR | 87768 | " | " |
| GWYG85 | EGRR | 87769 | " | " |
| GWXA50 | EGRR | 87770 | 00,12 | (32.5°N - 75°N 35°W - 00°), GRID (2.5° x 2.5°) |
| GWXB50 | EGRR | 87771 | " | " |
| GWXC50 | EGRR | 87772 | " | " |
| GWXD50 | EGRR | 87773 | " | " |
| GWXE50 | EGRR | 87774 | " | " |
| GWXF50 | EGRR | 87775 | " | " |
| GWXG50 | EGRR | 87776 | " | " |
| GWYA50 | EGRR | 87777 | 00,12 | (32.5°N - 75°N 35°E - 00°), GRID (2.5° x 2.5°) |
| GWYB50 | EGRR | 87778 | " | " |
| GWYC50 | EGRR | 87779 | " | " |
| GWYD50 | EGRR | 87780 | " | " |
| GWYE50 | EGRR | 87781 | " | " |
| GWYF50 | EGRR | 87782 | " | " |
| GWYG50 | EGRR | 87783 | " | " |
| GTXA85 | EGRR | 87784 | 00,12 | (32.5°N - 75°N 35°W - 00°), GRID (2.5° x 2.5°) |
| GTXB85 | EGRR | 87785 | " | " |
| GTXC85 | EGRR | 87786 | " | " |
| GTXD85 | EGRR | 87787 | " | " |
| GTXE85 | EGRR | 87788 | " | " |
| GTXF85 | EGRR | 87789 | " | " |
| GTXG85 | EGRR | 87790 | " | " |
| GTYA85 | EGRR | 87791 | 00,12 | (32.5°N - 75°N 35°E - 00°), GRID (2.5° x 2.5°) |
| GTYB85 | EGRR | 87792 | " | " |
| GTYC85 | EGRR | 87793 | " | " |
| GTYD85 | EGRR | 87794 | " | " |
| GTYE85 | EGRR | 87795 | " | " |
| GTYF85 | EGRR | 87796 | " | " |
| GTYG85 | EGRR | 87797 | " | " |
| GTXA50 | EGRR | 87601 | 00,12 | (32.5°N - 75°N 35°W - 00°), GRID (2.5° x 2.5°) |
| GTXB50 | EGRR | 87602 | " | " |
| GTXC50 | EGRR | 87603 | " | " |
| GTXD50 | EGRR | 87604 | " | " |
| GTXE50 | EGRR | 87605 | " | " |
| GTXF50 | EGRR | 87606 | " | " |
| GTXG50 | EGRR | 87630 | " | " |
| GTYA50 | EGRR | 87631 | 00,12 | (32.5°N - 75°N 35°E - 00°), GRID (2.5° x 2.5°) |
| GTYB50 | EGRR | 87632 | " | " |
| GTYC50 | EGRR | 87633 | " | " |
| GTYD50 | EGRR | 87634 | " | " |
| GTYE50 | EGRR | 87635 | " | " |
| GTYF50 | EGRR | 87636 | " | " |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GTYG50 | EGRR | 87637 | " | " | " | " | |
| GPOM98 | EGRR | 87800 | 00,12 | (25°N - 75°N | 45°E - 00°), | GRID (2.5° | x 2.5°) |
| GPO098 | EGRR | 87801 | " | " | " | " | |
| GHOC50 | EGRR | 87802 | " | " | " | " | |
| GHOM50 | EGRR | 87803 | " | " | " | " | |
| GHO050 | EGRR | 87804 | " | " | " | " | |
| GHOC30 | EGRR | 87805 | " | " | " | " | |
| GHOF30 | EGRR | 87806 | " | " | " | " | |
| GHOG30 | EGRR | 87807 | " | " | " | " | |
| GHOA10 | EGRR | 87808 | " | " | " | " | |
| GHOC10 | EGRR | 87809 | " | " | " | " | |
| GHOD10 | EGRR | 87810 | " | " | " | " | |
| GHOE10 | EGRR | 87811 | " | " | " | " | |
| GHOF10 | EGRR | 87812 | " | " | " | " | |
| GHOG10 | EGRR | 87813 | " | " | " | " | |
| GWOC85 | EGRR | 87814 | " | " | " | " | |
| GWOD85 | EGRR | 87815 | " | " | " | " | |
| GWOE85 | EGRR | 87816 | " | " | " | " | |
| GWOG85 | EGRR | 87817 | " | " | " | " | |
| GWOC70 | EGRR | 87818 | " | " | " | " | |
| GWOC50 | EGRR | 87819 | " | " | " | " | |
| GWOA30 | EGRR | 87820 | " | " | " | " | |
| GWOC30 | EGRR | 87821 | " | " | " | " | |
| GWOD30 | EGRR | 87822 | " | " | " | " | |
| GWOE30 | EGRR | 87823 | " | " | " | " | |
| GWOF30 | EGRR | 87824 | " | " | " | " | |
| GWOG30 | EGRR | 87825 | " | " | " | " | |
| GWOD25 | EGRR | 87826 | " | " | " | " | |
| GWOE25 | EGRR | 87827 | " | " | " | " | |
| GWOA10 | EGRR | 87828 | " | " | " | " | |
| GWOC10 | EGRR | 87829 | " | " | " | " | |
| GWOD10 | EGRR | 87830 | " | " | " | " | |
| GWOE10 | EGRR | 87831 | " | " | " | " | |
| GWOF10 | EGRR | 87832 | " | " | " | " | |
| GWOG10 | EGRR | 87833 | " | " | " | " | |
| GPNM98 | EGRR | 87834 | 00,12 | (25°N - 75°N | 45°W - 00°), | GRID (2.5° | x 2.5°) |
| GPNO98 | EGRR | 87835 | " | " | " | " | |
| GHNC50 | EGRR | 87836 | " | " | " | " | |
| GHNM50 | EGRR | 87837 | " | " | " | " | |
| GHNO50 | EGRR | 87838 | " | " | " | " | |
| GHNC30 | EGRR | 87839 | " | " | " | " | |
| GHNF30 | EGRR | 87840 | " | " | " | " | |
| GHNG30 | EGRR | 87841 | " | " | " | " | |
| GHNA10 | EGRR | 87842 | " | " | " | " | |
| GHNC10 | EGRR | 87843 | " | " | " | " | |
| GHND10 | EGRR | 87844 | " | " | " | " | |
| GHNE10 | EGRR | 87845 | " | " | " | " | |
| GHNF10 | EGRR | 87846 | " | " | " | " | |
| GHNG10 | EGRR | 87847 | " | " | " | " | |
| GWNC85 | EGRR | 87848 | " | " | " | " | |
| GWNC70 | EGRR | 87849 | " | " | " | " | |
| GWNC50 | EGRR | 87850 | " | " | " | " | |
| GWNA30 | EGRR | 87851 | " | " | " | " | |
| GWNC30 | EGRR | 87852 | " | " | " | " | |
| GWND30 | EGRR | 87853 | " | " | " | " | |
| GWNE30 | EGRR | 87854 | " | " | " | " | |
| GWNF30 | EGRR | 87855 | " | " | " | " | |
| GWNG30 | EGRR | 87856 | " | " | " | " | |
| GWND25 | EGRR | 87857 | " | " | " | " | |
| GWNE25 | EGRR | 87858 | " | " | " | " | |
| GWNA10 | EGRR | 87859 | " | " | " | " | |
| GWNC10 | EGRR | 87860 | " | " | " | " | |
| GWND10 | EGRR | 87861 | " | " | " | " | |
| GWNE10 | EGRR | 87862 | " | " | " | " | |
| GWNF10 | EGRR | 87863 | " | " | " | " | |
| GWNG10 | EGRR | 87864 | " | " | " | " | |

1.2 Deleted bulletins

| | | | | |
|---|---|---|---|---|
| GHNC50 | EGRR | 87695 | 00,12 | (25°N - 75°N 45°W - 00°), GRID (2.5° x 2.5°) |
| GHOC50 | EGRR | 87696 | 00,12 | (25°N - 75°N 45°E - 00°), GRID (2.5° x 2.5°) |

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

2.3 Changes in schedules/technical specifications

(i) changes in schedules

- V-iii WELLINGTON radio-facsimile broadcast changes.

- VI-iii OFFENBACH/MAIN-MAINFLINGEN (DCF54) radio-facsimile broadcast effective 12 April 1983 chart nos. 3, 5, 7, 11, 12, 17, 18, 44, 45, 52, 53, 58 and 59 are transmitted with new drum speed/index of co-operation 240/576, at 0230, 0310, 0348, 0448, 0459, 0630, 0650, 1424, 1444, 1659, 1710, 1830 and 1850 GMT as in the present schedule.

(ii) changes in technical specifications

- V-iii WELLINGTON radio-facsimile broadcast replace 9410 kHz by 9459 kHz.

Date: 15 April 1983

B. Manual on codes

2. Regional practices

Region I:

Regional coding procedures for FM 35-V TEMP and FM 36-V TEMP SHIP

Implementation with effect from 1 July 1983, as contained in WMO circular letter no. W/SY/CO of 25 March 1983 (AFR-413).

Region VI:

(1) Regional coding procedures for FM 35-V TEMP and FM 36-V TEMP SHIP

(2) Regional code for general aviation forecasts in Europe

Implementation with effect from 1 July 1983, as contained in WMO circular letter no. W/SY/CO of 7 April 1983 (EUR-466).

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

Date: 15 April 1983

C. Information on the operation of Marine Meteorological Services

4. Collection and dissemination of marine information

A Meeting of Experts on the Use of INMARSAT was held at the WMO Headquarters from 11 to 15 April 1983. It reviewed the present status and use of INMARSAT, the existing and planned network of INMARSAT coast earth stations, a tentative plan for weather reporting through this network and the cost aspect. The report will be considered by CBS and CMM. The report may be obtained from the Secretariat on request.