

Part VI

METEOROLOGY (MET)

1. INTRODUCTION

1.1 The Standards, Recommended Practices and Procedures to be applied are as listed in paragraph 1.2, Part VI - MET of the ASIA/PAC Basic ANP. The material in this part complements that contained in Part I – Statement of Basic Operational Requirements and Planning Criteria (BORPC) of the ASIA/PAC Basic ANP and should be taken into consideration in the overall planning processes for the ASIA/PAC Regions.

1.2 This Part contains a detailed description/list of the facilities and/or services to be provided to fulfill the basic requirements of the Plan and are as agreed between the provider and user States concerned. Such agreement indicates a commitment on the part of the State(s) concerned to implement the requirement(s) specified. This element of the FASID, in conjunction with the ASIA/PAC Basic ANP, is kept under constant review by the APANPIRG in accordance with its schedule of management, in consultation with user and provider States and with the assistance of the ICAO Asia and Pacific Office, Bangkok.

2. METEOROLOGICAL SERVICE REQUIRED AT AERODROMES AND REQUIREMENTS FOR METEOROLOGICAL WATCH OFFICES (FASID Tables MET 1A and 1B)

2.1 The meteorological service to be provided to meet the requirement of international flight operations is outlined in FASID Table MET 1A. The requirements for meteorological watch offices (MWO) together with the service to be provided to flight information regions (FIR), upper flight information regions (UIR) and search and rescue regions (SRR) are listed in FASID Table MET 1B.

3. EXCHANGE OF OPERATIONAL METEOROLOGICAL INFORMATION (FASID Tables MET 2A, ROBEX Handbook and Asia/Pacific OPMET data banks interface control document)

3.1 The requirements for the exchange of METAR, SPECI and TAF, not catered for by the ROBEX Scheme, to meet the requirement of international flight operations in the ASIA/PAC Region are shown in FASID Table MET 2A.

3.2 The ROBEX Handbook sets out the Regional OPMET Bulletin Exchange (ROBEX) Scheme for the exchange of METAR, SPECI, and TAF. The ROBEX Handbook should be updated, as necessary, by the ICAO Asia and Pacific Office (Bangkok) in coordination with the ICAO Middle East Office (Cairo).

3.3 The Asia/Pacific OPMET data banks interface control document reflects the requirements for the operation of the ASIA/PAC OPMET data banks to support the ROBEX Scheme. The Asia/Pacific OPMET data banks interface control document is maintained by the ICAO Asia and Pacific Office (Bangkok) in coordination with the regional OPMET data banks. The responsibilities of the ROBEX OPMET data banks are as follows:

- a) support the ROBEX Scheme to facilitate a regular exchange of OPMET information within the ASIA/PAC Regions;
- b) operate as Inter-regional OPMET Gateways (IROG) with responsibility of exchanging the OPMET information between ASIA/PAC Regions and other Regions; and
- c) provide request/response facilities for users to obtain non regular or occasional information.

4. TROPICAL CYCLONE AND VOLCANIC ASH ADVISORY CENTRES (FASID Tables MET 3A, MET 3B, and MET 3C and FASID Charts MET 1 and 2)

4.1 The areas of responsibility and the periods of operation of the tropical cyclone advisory centres (TCACs) Darwin, Honolulu, Miami, Nadi, New Delhi, Réunion and Tokyo, and the MWOs to which advisory information should be sent by the TCACs, are contained in FASID Table MET 3A. The areas of responsibility of

the designated TCACs in all regions are shown on FASID Chart MET 1.

4.2 The areas of responsibility of the volcanic ash advisory centres (VAAC) Anchorage, Darwin, Tokyo, Toulouse, Washington and Wellington, the MWOs and ACCs to which the advisory information should be sent by the VAACs are contained in FASID Table MET 3B. The areas of responsibility of the designated VAACs in all regions are shown on FASID Chart MET 2.

4.3 FASID Table MET 3C sets out the selected State volcano observatories designated for direct notification of significant pre-eruption volcanic activity, a volcanic eruption and/or volcanic ash in the atmosphere and the VAACs, MWOs and ACCs to which the notification should be sent by the observatories.

Note. – Operational procedures to be used for the dissemination of information on volcanic eruptions and associated ash clouds in areas which could affect routes used by international flights and necessary pre-eruption arrangements as well as the list of operational contact points are provided in the document entitled Handbook on the International Airways Volcano Watch (IAVW) – Operational Procedures and Contact List (Doc 9766). Additional guidance material regarding the IAVW is contained in the Manual on Volcanic Ash, Radioactive Material and Toxic Chemical Clouds (Doc 9691).

5. WORLD AREA FORECAST SYSTEM (WAFS) (FASID Table MET 5)

5.1 FASID Table MET 5 sets out the ASIA/PAC Regions requirements for WAFS forecasts, to be provided by WAFCs London and Washington.
