



INTERNATIONAL CIVIL AVIATION ORGANIZATION

A United Nations Specialized Agency

OVERVIEW OF APAC MET/R TF AND MET/ATM SEMINARS

INTERNATIONAL CIVIL AVIATION ORGANIZATION

26-28 11 2013

Outline of presentation



Establishment of MET/ATM TF

1st MET/ATM Seminar

2nd MET/ATM Seminar / TF Meeting

Formation of MET/R TF

Establishment of MET/ATM TF



Asia/Pacific Meteorology/Air Traffic Management Task Force (MET/ATM TF)

- CNS/MET SG/5, Decision 5/30
- Chapter 8, MET, Regional CNS/ATM Plan



MET/ATM Coordination Seminar

- Bangkok, Thailand, 8 - 10 February 2006
- follow-up to APANPIRG Conclusion 14/45,
Fostering of exchanges between MET and ATM
- 50 participants: 19 States, 2 Int'l Org's and ICAO



Purpose of the seminar:

- current and future requirements for MET in support of ATM
- MET component of Regional Plan for New CNS/ATM
- new MET products in APAC to meet ATM requirements



Discussion topics included:

- Organization of ATM and MET
- MET impacts on ATM and MET required for ATFM
- Use of MET by ATM
- Future requirements – MET component of CNS/ATM System

Outcomes included:

- regional survey of ATM requirements for MET services/products
- update Chapter 11, MET, regional plan for CNS/ATM systems
- encourage CNS/MET SG to discuss need for developing provisions for MET services in support of ATM

Outcomes included:

- importance of MET in future AN systems
- seminar or workshop every 3 to 4 years
- strong support for graphical MET products tailored to ATM requirements
- improve coordination between CNS/MET SG and ATM/AIS/SAR SG on MET/ATM issues

First MET/ATM TF Meeting



MET/ATM TF/1

- Bangkok, 2 - 4 December 2009
- 50 representatives:
 - 18 States
 - 2 International Organizations
 - ICAO



The meeting discussed:

- New Terminal Forecast (NTF) – WMO/ICAO
- MET/ATM coordination
- sub-regional coordination – volcanic ash, tropical cyclones and squall lines
- MET/ATM Coordination Seminar, 2006

Outcomes included:

- Update of TOR
- establishment of a MET unit in ATM
- steering group for Seminar planning

2nd MET/ATM Seminar and TF Meeting



MET/ATM Seminar

- Fukuoka , Japan, 24 to 26 January 2011

MET/ATM TF/2

- Fukuoka, Japan, 27 to 28 January 2011



MET/ATM Seminar

- 76 experts: 16 States, 4 Int'l Org's, ICAO

MET/ATM TF/2

- 43 experts: 12 States, 2 Int'l Org's, ICAO

... focus on enhanced MET services and products required to meet the needs of ATM in optimizing traffic flow



Topics discussed:

- State arrangements between MET and ATM
- Impacts of MET on ATM (VA, TC, dust storms)
- Use of MET by ATM; ATM developments requiring additional/new MET information
- MET Services in the Terminal Area (MSTA)
- Future data delivery
- ATFM Survey 2010



Outcomes included:

- proposed updates to TOR
- check validity of ATFM survey results
- point of contact for volcanic ash event
- bilateral ATM coordination – volcanic ash
- Altimeter reading study – vertical motion
- ATM input to MSTA development (AMOFSG)

Formation of MET/R TF



CNS/MET SG/16; Decision 16/34

- MET/ATM TF reformed as the MET Requirements Task Force (MET/R TF)
- existing TOR and composition
- more accurately define purpose

Formation of MET/R TF



Terms of reference:

- space weather information in support of ATM

Objective:

- improve safety, efficiency and sustainability of ATM and operators by providing MET information needed to meet current and future requirements



TOR should specifically address:

- recommend improvements in APAC to enable integration of MET into decision support tools for ATM and flight operations
- detailed user requirements for volcanic ash information in APAC needed to support ATM and flight operations

Formation of MET/R TF



Composition:

- Appropriate, balanced representation to address the key objective/deliverables

Work programme:

- communication strategies
- performance framework
- milestones and work plan

Summary of presentation



Establishment of MET/ATM TF

1st MET/ATM Seminar

2nd MET/ATM Seminar / TF Meeting

Formation of MET/R TF



North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montreal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Office
Bangkok

Thank You

A world map is shown in a light blue color. Eight office locations are marked with colored dots: an orange dot for the ICAO Headquarters in Montreal, and seven blue dots for regional offices in Mexico City, Lima, Dakar, Paris, Cairo, Nairobi, and Bangkok. Lines connect each dot to its corresponding text label. A large, semi-transparent grey box with a black border is overlaid on the map, containing the text "Thank You" in a bold, dark blue font.