



Overview of ICAO provisions for MET supporting ATM

Presented by the Secretariat International Civil Aviation Organization



UNITING AVIATION



interoperability, collaborative decision making, system-wide information



Contents

- Core SARPs (MET) and regional operational requirements
 - ICAO's Annex 3
 - Regional Air Navigation Plan
- Global ATM operational concept



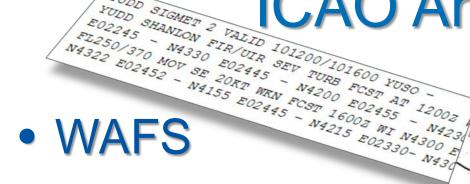




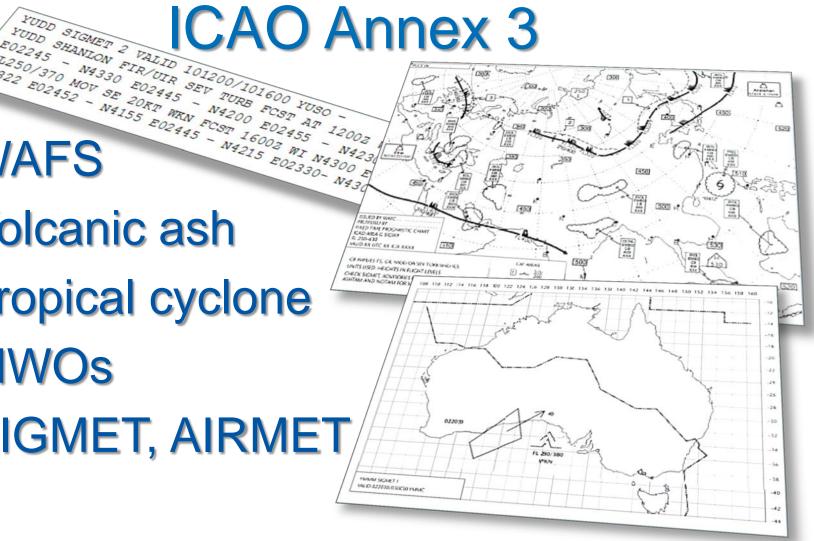








- Volcanic ash
- Tropical cyclone
- MWOs
- SIGMET, AIRMET

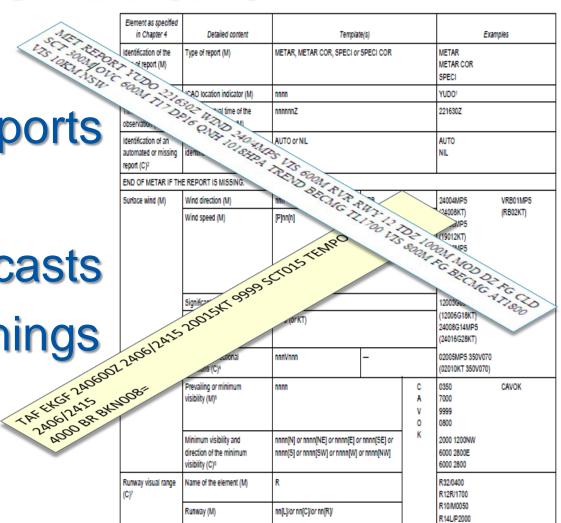








- METAR/SPECI
- Aerodrome forecasts
- Aerodrome warnings
- Wind shear



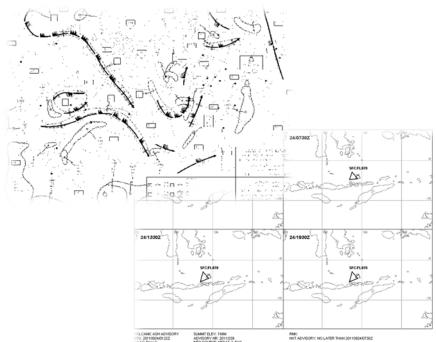


- Climatological
- Operators and flight crew
- ATS, SAR and AIS
- Communications
- Quality management, etc.



MET provision today

- Highly 'productcentric'
- Primarily AFTN and AFS delivery to users
- ATS/Pilot oriented
- Limited ATM orientation



WSUK31 EGRR 231759 EGTT SIGMET 02 VALID 231830/232230 EGRR-EGTT LONDON FIR SEV MTW FCST N OF N5330 FL050/150 STNR NC=

> TAF EKGF 240600Z 2406/2415 20015KT 9999 SCT015 TEMPO 2406/2415 4000 BR BKN008=



ICAO Annex 3 CHAPTER 2. GENERAL PROVISIONS

2.1.2 ... objective shall be achieved by supplying ... users ... with the meteorological information necessary ...

2.2.1 Close liaison shall be maintained ... those concerned ... supply and ... use of meteorological information ...



Air Navigation Plan

APAC regional air navigation plan (Doc 9673)

Air Nairigation Plan



APAC regional air navigation plan (Doc 9673)

- TCACs, VAACs, State volcano observatories, MWOs
- METAR/SPECI
- TAF, TREND
- Communications



Amendments Annex 3 and Doc 9673

- Annex 3 proposals formulated by dedicated ICAO global expert groups
- Doc 9673 initiated by States, international organizations, APANPIRG



Global Air Traffic Management Operational Concept (Doc 9854)

- 2.9.17 MET integrated with ATM
- 2.9.18 Benefits
- 2.9.19 Quality assurance of MET

