



Our ref.: WDS/AN/RA-QUEST.

GENEVA, 13 July 2012

Annex: 1

Subject: Information requirement of the Aeronautical Meteorology Programme

Action required: To return consolidated input from your Region by **15 September 2012**

Dear Sir/Madam,

As you will recall, the WMO Executive Council, at its recent sixty-fourth session held in Geneva from 25 June to 3 July 2012, took a number of far-reaching decisions on the WMO priority areas, the need to monitor progress in order to optimize dedicated support to Members, and the roles of the WMO bodies in implementation strategies and activities.

The meeting of presidents of regional associations and presidents of technical commissions highlighted the important role of regional associations in implementing the WMO Programmes. The Executive Council, in deliberating the Continuous Improvement Process in WMO and in the updating of WMO Technical Regulations, clearly supported the role of regional associations in the gathering of monitoring progress and compliance with WMO Technical Regulations by the Members in their Region.

In particular, the Aeronautical Meteorology Programme is facing important challenges such as the ICAO-driven requirement for the implementation of a Quality Management System for services to international civil air navigation, as well as the Congress decision to implement Competency Standards and the assessment of competency of Aeronautical Meteorological Personnel, the compliance with the requirement to provide SIGMET information for weather hazards including Volcanic Ash and the need to migrate to new data centric weather exchange models based on XML/GML forms of data representation.

The Implementation Coordination Team of the Commission for Aeronautical Meteorology thus developed a series of questions to Members to inform the WMO Secretariat of measures taken in implementation of these priority areas.

I am writing to you in your capacity as president of a WMO Regional Association to solicit your support in obtaining this information through the appropriate channels of the Association, e.g. the Rapporteur, or the chair/lead of the regional aviation meteorology task team. You will appreciate that WMO implementation support, given the limited resources available to the Secretariat, has to be prioritized in accordance with the existing gaps and capabilities, and that up-to-date information on steps taken in implementing AEM projects will be the basis of planning the WMO support. Information on existing capabilities of Members to support countries in the Region as part of the Twinning/Mentoring framework in QMS is as important as the information on existing gaps.

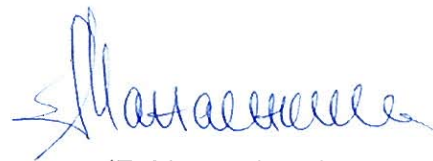
To: Presidents of regional associations (P.RA-1741)

I would also like to draw your attention to the fact that for some Members, the provision of meteorological services to civil aviation is not in the remit of the National Meteorological and Hydrological Services, but may be in the responsibility of the Civil Aviation Authority, Air Navigation Service Provider or designated agency. The contact to these service providers, however, will always have to be established through the Permanent Representative of the Member country concerned.

The Secretariat Departments involved in this information gathering task, i.e. the Aeronautical Meteorology Division of the Weather and Disaster Risk Reduction Services Department (AEM/WDS), and the Development and Regional Activities Department (DRA) are cooperating in the support of your efforts, so that administrative support will come from DRA, whereas questions on technical issues would be answered by AEM.

I would be grateful to receive the consolidated input from your Region, if possible before **15 September 2012**, to allow enough time for prioritizing, planning and rolling out implementation support with the help of Members of the Region.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'E. Manaenkova', with a stylized flourish at the end.

(E. Manaenkova)
for the Secretary-General

WORLD METEOROLOGICAL ORGANIZATION

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WDS/AN/RA-QUEST./ANNEX

BENCHMARKING QUESTIONNAIRE ON AERONAUTICAL METEOROLOGICAL SERVICES STATUS AND QUALITY (2012)

Country / Member	
Full name of designated meteorological authority	
Full name(s) of aviation meteorology service provider(s)(AMSP)	

For your country,

1. Who provides aerodrome meteorological services? (Name, address, website)
2. Who provides en-route meteorological services? (Name, address, website)
3. How are the costs for meteorological services to aviation determined, e.g.
 - ☐ By detailed cost analysis
 - ☐ By estimation
 - ☐ Not at all
4. How are the costs of meteorological services fulfilling requirements of ICAO Annex 3 funded, e.g. by?
 - ☐ Aviation cost recovery
 - ☐ Govt funding
 - ☐ Combination (please specify)
 - ☐ Other (please specify)
5. What percentage of the costs for these services is recovered? %
6. Factors impacting the implementation of a cost recovery system:
 - ☐ None
 - ☐ Lack of legal/regulatory base
 - ☐ Insufficient effectiveness of financial/marketing service
 - ☐ Weak interactions with users
 - ☐ Insufficient number of flights
 - ☐ Other (please specify).....
 -
 -

7. Are any statistics available detailing the cost estimates of weather impact on civil aviation?

☐ YES ☐ NO

If yes, please specify:

- ☐ Delays due to weather conditions
☐ Alternate aerodromes due to weather conditions
☐ Accident/incident data
☐ Other (please specify).....
.....
.....

8. Are there any additional national non-ICAO Annex 3 aviation requirements?

☐ YES ☐ NO

If yes, please specify the cases:

- ☐ Meteorological observations
☐ Aeronautical forecasts
☐ Provision of meteorological information to information delivery systems
☐ Provision of information for flight crews
☐ Provision of information for ATS
☐ Other (please specify).....
.....
.....

9. Do you provide any commercial MET services (i.e. beyond Annex 3 or national requirements)?

☐ YES ☐ NO

10. What is the status of QMS implementation of your AMSP in compliance with amendment 75 of Annex 3?

- ☐ Certification obtained
☐ Internal audits carried out
☐ Design stage
☐ No implementation activities yet

11. Does your AMSP request/receive feedback from aviation users on their satisfaction with services provided?

☐ YES ☐ NO

If yes, please specify how feedback is obtained, e.g. through:

- ☐ Surveys
- ☐ Consultative meetings
- ☐ Phone/e-mail contacts
- ☐ Other means (please specify).....
.....
.....

12. Are any performance indicators or metrics used to assess the quality of aviation meteorological services?

- ☐ YES ☐ NO

If yes, please specify:

- ☐ Accuracy measures
- ☐ Timeliness/availability of services
- ☐ Cost per unit of service delivery /e.g. METAR / TAF / SIGMET)
- ☐ Other (please specify).....
.....
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13. What is the implementation status of Aeronautical Met Personnel Competency Standards? (Give the percentage of operational personnel for which competency has been assessed)

..... %

14. If your AMSP has SIGMET responsibility for a FIR, are all types of SIGMET (WS, WV, WC) issued when applicable?

- ☐ YES ☐ NO

Does your Met Authority monitor compliance?

- ☐ YES ☐ NO

Does your AMSP participate in ICAO SIGMET tests?

- ☐ YES ☐ NO
