

1. Change “pictures” to imagery (LB1) - editorial

Agree.

2. How high, rapid, frequent, accurate, maximum downtime? (LB2, 3, 4, 5, 6, 7, 10, 11, 14) –scientific

The selection criteria are being developed stage by stage. After identifying all the necessary considerations, and the details of the functional and performance requirements, the specific requirements on how high, rapid, frequent etc. will be developed. We will take them into consideration as we reach that stage.

3. Good command of language, which language (LB8) – scientific

The language here is the language commonly used in the “region”. It might not necessarily be English. As agreed at the MET DIV/14 meeting, there is no need to require all MET forecasters with as high English proficiency as that for pilots/controllers, while we agreed that international centres need enough language communication skill for operations in their areas of responsibility.

4. Mix of functional and performance requirement, definition of “Performance Requirement” (LB9, 12, 18) - editorial

Agree.

5. Replace “mature QMS” with “ICAO Annex 3 compliant” or “ISO”; better way to state the competency requirement (LB11, 13) – editorial

Agree.

6. Cost effectiveness of service be considered as performance requirement? (LB15) - administrative

This is just a basic principle. We don’t intend to provide specific criteria here.

7. Meaning of sustainability of service (LB16) - editorial

“Sustainability of the organization” better reflects the meaning. It is not referring to the performance criteria such as 7x24 service but that the organization, once chosen as the RHWAC, have sufficient resources for continuous improvement.

8. Regional/international experience (LB17) - administrative

Note this is one of the considerations but not a criterion. If more than one provider could meet the performance requirements, then one would consider which of these potential providers to choose and in such scenario, this is one of the considerations and it is considered that experience itself is an example to prove capability as an international centre.

9. Should sandstorm be included (Yuliya1) – substantive

To be deliberated at F2F meeting.

10. Update forecast if there is a change of the situation, which functions reserved then for MWO (Yuliya2) – substantive

It is only natural that the advisory information needs to be updated when new information, such as special air-report or satellite/radar data, is received. The functions of MWOs are elaborated in the functional requirements in the accompanying paper to be discussed at F2F meeting.

11. Harmonization may delay issuance of advisory (Yuliya3) - scientific

Generally agree, but still we believe that harmonization is quite important especially for users like international airlines. In order to achieve harmonization, regular/beforehand coordination will be useful. For example, VAAC Anchorage and Tokyo have created an instruction for collaborative operations, so that forecasters can conduct consistent operations in case volcanic ash extends across the boundary of their areas of responsibility.

12. Not necessary to disseminate advisory in IWXXM format to MWOs, at least at the beginning of operation. (Yuliya4) - substantive

To be deliberated at F2F meeting.

13. Which way and which format could RHWAC uplink the advisory to aircraft (Yuliya5) – editorial

It will be achieved by other organizations.

14. Quality of existing SIGMET (in terms of POD, FAR, CSI) (Yuliya6) - scientific

Agree that it is not so easy to verify SIGMETs by using AIREP. However, without objective verification, it is difficult to assess the performance from the different service suppliers. Verification method should be discussed in corporation with relevant WMO (CAeM) expert teams.

15. Same or similar climate, different centres for different climate regions? (Yuliya7) – Administrative

Note this is one of the considerations but not a criterion. If more than one provider could meet the performance requirements, then one would consider which of these potential providers to choose and in such scenario, this is one of the considerations. To put simply, a centre in the equatorial region serving as the RHWAC for the arctic or vice versa is not preferred.

16. Re-structure the document, first “functional requirements”, then “operational requirements”, ... In respect of functions, it should follow the sequence “monitor”, “prepare”, “issue” and then “issue update”. Next list out the “operational requirements” for each function. Finally the “capabilities and resources” which would also be used as the main part of the “selection criteria”. (DI1) – administrative

Agree and would be addressed in next version.