



Agenda Item 3: Review of Project H3 - Implementation of the MET quality management system (MET/QMS)

Follow-up to MET/QMS implementation and certification in the SAM Region

(Presented by the Secretariat)

SUMMARY	
This working paper presents the follow-up to the implementation and certification of the quality management system in MET processes in the SAM Region.	
References:	
<ul style="list-style-type: none">• Annex 3 – <i>Meteorological service for international air navigation</i>• Report of the Third Meeting on MET Projects• Report of teleconferences held in 2021	
ICAO strategic objectives:	<i>A - Safety</i> <i>B - Air navigation capacity and efficiency</i> <i>E - Environmental protection</i>

1. Introduction

1.1 The Secretariat monitors the implementation and certification of the quality management system in MET processes (MET/QMS) in order to comply with Standard 2.2.2 of ICAO Annex 3.

1.2 The Secretariat conducted teleconferences and virtual missions to verify the implementation of the MET/QMS.

1.3 The Third Meeting on MET Projects followed up on the implementation of the MET/QMS.

2. Discussion

2.1 MET/QMS implementation is an important element to achieve quality-assured delivery of operational meteorological (OPMET) data and messages.

2.2 The Second Meeting on MET Projects, in following up MET/QMS implementation, discussed the status of QMS in States, taking into account the modification of the ISO 9001 standard. Likewise, the Secretariat reminded the meeting that MET/QMS implementation and certification should be extended to all meteorological units at all international airports listed in the CAR/SAM e-ANP AOP Table.

2.3 The Secretariat held teleconferences and carried out virtual missions to follow up on MET implementations during 2020 and 2021. One of the elements assessed was the implementation of the

MET/QMS. Table A below shows the status, based on information obtained during these teleconferences and virtual missions.

Table A: MET/QMS Implementation – SAM Region				
STATE	Implemented	Certified	In process of certification	Recertification date
Argentina	Implemented	Certified		
Bolivia	Implemented	Certified	70%	
Brazil	Implemented	Certified		
Chile	Implemented	Certified		
Colombia	IDEAM – Implemented MET Group – UAEAC - Implemented	IDEAM- Certified UAEAC – No	MET-related processes should be certified; therefore, certification has been extended	
Ecuador	In process of implementation		Not started	
Guyana	✓	Underway	Not started	
French Guiana	✓	✓		
Panama	Implemented	Certified, but could not be recertified - Dec/2021 – Recertification audit		
Paraguay	Implemented	Certified, but could not be recertified - Dec/2021 – Recertification audit		
Peru	Implemented	Certified		
Suriname	No information on compliance with ISO 90001 version 2015	No information on compliance with ISO 90001 version 2015		
Uruguay	No information on compliance with ISO 90001 version 2015	No information on compliance with ISO 90001 version 2015		
Venezuela	Implementation was based on version 2008.	Support will be requested from the Regional Office to	Not started	

	The processes have currently been updated to ISO 9001 version 2015. Audits cannot be carried out because the certifying body does not have a MET expert on its audit staff.	provide MET auditor		
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2.4 It should also be noted that Amendment 79 to Annex 3 states, in the Note to Recommendation 2.2.3, that guidance for the establishment and implementation of a quality management system is to be found in the "Guide for the implementation of quality management systems for national meteorological and hydrological services and other relevant service providers (WMO-No. 1100)" superseding ICAO Doc 9873.

3. **Suggested action**

3.1 The Meeting is invited to:

- a) take note of the information provided in this working paper;
- b) review Table A and provide updated information; and
- c) take any other action it may deem appropriate.
