



INTERNATIONAL CIVIL AVIATION ORGANIZATION
WESTERN AND CENTRAL AFRICAN OFFICE

Second Meeting of APIRG Infrastructure and Information Management Sub Group (IIM/SG/2)
(Dakar, Senegal, 09-11 July 2018)

Agenda Item 4: Status of implementation of the AFI IIM regional projects adopted by APIRG

4.3.1 Meteorology Project 1: SIGMET/QMS/DEFICIENCIES

(Presented by South Africa)

SUMMARY
This paper provides updates on the progress made in the IIM/SG Meteorology Project 1 and indicate the challenges encountered by the team including possible recommendations.
Action by the meeting is at paragraph 3:
REFERENCE(S): <ul style="list-style-type: none"> ▪ ICAO Letter reference ES AN 13 / 0-584 dated 14 August 2017 ▪ IIM/SG/1 First Meeting Report, Decision 1/04 ▪ APIRG/21 Report, Decision 21/11
Related ICAO Strategic Objective(s): <i>A – Safety, B – Air Navigation Capacity and Efficiency, D – Economic Development of Air Transport, and E – Environmental Protection.</i>
Related ASBU KPIs & B0 Modules: B0-AMET PFF – 1, ASEP, FRTO, CDO and CCO

1. INTRODUCTION

- 1.1 During the APIRG Sub-Group on Infrastructure and Information Management (IIM / SG / 1) held in Nairobi, Kenya from 27 to 30 June 2017, the IIMSG Meteorology Project 1 was established to assist states in the implementation of the tow identified projects by APIRG, namely OPMET and SIGMET.
- 1.2 The SIGMET and OPMET projects were offered to South Africa and Senegal respectively, as Project Team Coordinators. .
- 1.3 In line with the SIGMET the following para(a) outlines the constructs of the programme
 - a) SIGMET, standards and recommended practices of Annex 3 and Part V – MET of the AFI Air Navigation Plan (ANP), Volumes I, II, III concerning the issuance and distribution of en-route weather phenomena including volcanic ash clouds (WV), tropical cyclones (WC) and other phenomena (WS - thunderstorms, severe turbulence, icing, mountain waves, heavy sandstorms and dust storm), likely to affect the safety of aircraft operations, and the evolution of such phenomena in time and space (SIGMET WV, WC and WS);
- 1.4 The task team were constituted to deliver on the project deliverables. The task team members are the experts as nominated by the sates.
- 1.5 The constituent members of the SIGMET project are from the following States Niger, Togo, Côte d’Ivoire, WMO, Guinea, Ghana, Kenya, Mauritania, ASECNA, IATA, Nigeria, Botswana, Uganda, Ethiopia, IFALPA



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led by the Project-Team Coordinator (South Africa) and under the supervision of the Project Facilitators (ROs/CNS, Dakar and Nairobi) through the IIM SG working methodology.

1.6. The IIMSG Meteorology Project 1 started its activities on the 21st March 2018 via emails, but the team experienced challenges in terms of communication (Only Two members besides the Coordinator participated).

2. DISCUSSION

2.1 The IIM Sub Group project teams were allocated tasks and expected to deliver as indicated in the table below.

2.2 The progress made so far by the **IIMSG Meteorology Project 1** per given task is indicated below:

TABLE 1: IIM TASK

NO	TASK	RESPONSIBLE PERSON	PLANNED DATE	COMMENTS / STATUS
1	Project team coordinators and experts appointment finalisation	States / Organization	Immediately	Delay in appointment and finalization of the project team members has affected the activities of the project team. On the 16 th March 2018, the team started with its activities and managed to address some of the activities as required.
2	Project Team Organization or Plan	Project Coordinators	November 2017	The Project Plan has not been finalized, it still in the draft format
3	Project ToR and Description	Project Coordinators	October 2017	The ToR task has not been finalized, it is still in the draft format.
4	Project link finalization	Project Coordinators	August 2017	Has been finalized and sent to IIM Sub-Group Chair, Vice and Secretariat on 22 March 2018 (Project link finalization Appendix D).
5	Project Questionnaire	Project Coordinators	November 2017	This task awaits expert participation to be concluded.



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2.3 The project teams are the foundation on the implementation of the APIRG plans and its success is largely dependent on the project team members' active participation, commitment and experts in the work of the project team.

There has been a concerning lack of participation by Meteorology Project 1 members partly due to delay in finalizing project team appointments by ICAO. To avoid delays on project activities, it is important to have teams' appointment finalized within reasonable time.

2.4 Coordination and communication is key in project management to meet the project deliverables, share the tasks, set the goals and adjust where necessary. The activities of project suffered delay due to non-response by team members.

Yearly SIGMET test

2.5 Furthermore, the ICAO annual SIGMET trials on WV, WS, and WC were conducted on the 7th, 14th and 21st November 2017 respectively.

2.6 During the annual SIGMET trial, number of challenges were experienced. This included the late triggering of message from the Advisory Centre, format error, communication and delay on the supply of the transmission statistics which affected the issuance of the final report. The detailed outcomes of the report will be shared by the Regional office.

2.7 The project task deliverables are attached as Appendix A to C for the meeting consideration, i.e:

- 2.7.1 Appendix A: Project Linkage
- 2.7.2 Appendix B: Project Description
- 2.7.3 Appendix C: Project Terms of Reference (Draft)

3 ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Take note of the information provided;
- b) Encourage project members to share their preferred means of communications other than emails.
- c) Review the draft ToR and Project deliverables and provide comments. (Appendix A to C) document;
- d) Encourage the Sates to participate in the planned SIGMET training