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# **MET Project 3: Implementation of Annex 3 provisions relating to space weather requirements within the AFI Region**

## **South Africa**





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# Introduction

The Africa-Indian Ocean (AFI) Planning and Implementation Regional Group (APIRG) during its twenty-third meeting (APIRG23), agreed on the establishment of a new space weather project on meteorology under its Information and Infrastructure Management Sub-Group (IIMSG). The main objectives of the Project being:

## **The main objectives of the Project being:**

- a) to assist AFI States with the development of action plans for the implementation of Annex 3 space weather requirements;
- b) To assist AFI States with implementing the requirements for the provision of space weather information services to support international air navigation in accordance with Annex 3;
- c) Create awareness on the space weather information requirement within the aviation sector in the AFI region.
- d) Engage with the States to ensure government support for the provision of space weather for the safety of aircraft operations.



## Actions undertaken

No	TASK	RESPONSIBLE PERSON	PLANNED DATE	COMMENT/STATUS
1.	Development of the project documents	South Africa(PTC)	7 Dec 2020	Completed – South Africa Submitted the initial project documents to the Secretariat on 7 Dec 2020
2.	Project Team activities	PTC and Team Members	Ongoing	Project had conducted three virtual meetings since the inception of the project
3.	Project Initiation Documents(Terms of Reference and Project, Scope, objectives , tasks	PTC and Team members	29 March 2021	Completed – The documents developed by South Africa(PTC) were discussed by the project and submitted for the IMSG/4 meeting to approve these documents
4	Project Questionnaire	PTC and Team Members	21 May 2021	Completed- the Project developed the questionnaire which was submitted to the secretariat.(Distributed to the State through SL ESAN/815/15/0149 date )
5.	Raise awareness on space weather information	PTC and Team members	July 2021	Workshop conducted for the AFI Region (28-29 July 2021)



## Challenges and solutions

The IIM SG MET Project 3 encountered several challenges during the implementation of its activities. These are listed below:

- a) Out of the 48 ESAF and WACAF States only 12 States responded and nominated an expert to participate in MET Project 3;
- b) The rate of participation of the nominated experts in the activities of the Met Project 3 was not satisfactory;
- c) The low response rate to the Project questionnaire by AFI States is noted as delaying the work of the project.



## Action by the meeting

The meeting is invited to take note of the information presented in this paper and formulate the following conclusion/decision:

**Draft Conclusion /Decision 4/xx** : Adoption of the MET Project 3 Terms of Reference and the Project deliverables for 2021-2022

That ;

- a) APIRG IIM/SG/4 considers and adopts the proposed MET Project 3 Terms of References and its associated project deliverables as contained in Appendices A and B;
- b) Concerned States and Organizations take appropriate actions to support their nominated experts appointed to MET Project 3; and
- c) nominated Team members to participate in the activities of the MET project 3;
- d) States are encouraged to respond to project teams' questionnaires, and
- e) States are requested to develop regulatory frameworks and action plans for the implementation of the ICAO Annex 3 space weather requirements by November 2022.



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