

APIRG IIM Regional Project based approach

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APRIG conclusion 23/29: Establishment of a Regional Space weather project in order to ensure the provision of the space weather service information in the AFI Region

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:

- 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.

APIRG conclusion 23/29: Establishment of a Regional Space weather project in order to ensure the provision of the space weather service information in the AFI Region

- a) an APIRG IIM MET Project 3-Space Weather Project is established within the IIM SG to guide the implementation of the Annex 3 provision relating to Space Weather requirements within the AFI Region.
- b) South Africa, hosting the AFI Regional Space Weather Center through the South African National Space Agency (SANSA), coordinate the APIRG IIM MET Project 3; and
- c) ICAO regional Offices, after reception of the Project initial document by 31 January 2021, call for nominations of the project team members from interested AFI States/Organizations.

MET Project 3 Activities

- a) Nomination of Project team coordinator which is South Africa
- b) State member nomination for experts to form part of MET 3
- c) Project documentation development
- d) Bi-Monthly meeting to address the project objective and work structure for MET 3
- e) Survey to the state to assess their readiness and the knowledge about the space weather impact
- f) Training , education and awareness

NO	TASK	RESPONSIBLE PERSON	PLANNED DATE	COMMENTS/STATUS
	Development of the Project initiation documents	South Africa (PTC)	7 Dec 2020	Completed- South Africa submitted the initial project initiation documents to the Secretariat on 7 Dec 2020
	Project Team activities	PTC and Team Members	Ongoing	Project had conducted 5 virtual meetings in 2021 and 4 in 2022 and 2 in 2023.
	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 was approved.
	Project questionnaire	PTC and Team Members	21 May 2021	Completed- the Project developed a questionnaire which was submitted to the Secretariat. (distributed to the States through SL ESAN/815/15/ 0149 dated 21 May 2021).
	Project objectives and TORs	PTC and team members	Completed in 2021	Adopted at the APIRG in November 2021.
	Education and raise awareness on space weather information	PTC and Team members	July 2021 October 2022 June 2023	Workshop conducted for the AFI Region (28-29 July 2021) Second workshop 18 October 2022 Third workshop 2-7 June 2023.
	Present the project progress at IIM/SG	PTC	2021 2022 2023	Since the inception of the project the PTC has presented the progress report during IIM/SG meeting in form of working papers
	Project cost recovery	PTC and team member	2023	In progress
	Alignment of the project with the 6 th edition of the GANP.	PTC and team members	2023	Ongoing. During IIM/SG 4 the PTC presented the paper on the alignment of the project and have identified the ASBU module related to space weather.

ASBU ELEMENTS related to SWx implementation					
STATES	AMET B1/1	AMET B1/2	AMET B1/3	AMET B1/4	Comments/ Status
	TME in %				
Bostwana	0	0	0	0	Botswana has not started with the implementation of all the ASBU elements related to SWx and have proposed the start date of 2024.
Benin	0	0	0	0	ASBU elements related to space weather not started and no proposed dates to start.
Cabo Verde	0	0	0	0	AMET B1/1 :status not applicable, AMET B1/2: Status not applicable.
Cameroun Douala	0	0	0	0	ASBU element related to SWx not started and no proposed dates.
UNION DES Comores:Moroni	0	0	0	0	AMET B1/1 AMET B1/2 mrked as not applicable.
Republique Democratique du Congo	0	0	0	0	AMET B1/1 AMETB1/2 marked as not applicable.
Ethopia	0	0	0	0	No data supplied for all the ABSU elements related to SWx elements.
Gabon	0	0	0	0	Not started for AMET B1/2 and AMET B1/1 commented not applicable.
Ghana	0	0	0	0	The state only provided the data on AMET B0 ASBU modules and nothing on AMET B1 modules.
Kenya	0	0	0	0	AMET B1/1 and AMET B1/2 marked as complete and no supporting documents and the dates .
Guinee equatoriale	0	0	0	0	ASBU elements related to SWx not started and there are no proposed start and end dates.
Liberia	0	0	0	0	AMETB1/1 and AMET B1/2 status not applicable.
Madagascar	0	0	0	0	ASBU elements related to space weather: comment not applicable.
Mauritanie	0	0	0	0	No status information provided for both AMET B1/1 and AMET B1/2.
Namibia	0	0	0	0	ASBU element related to space weather not started and there are no proposed start and end dates.
Nigeria	0	0	0	0	ASBU elements related to SWx not started.
Rwanda	0	0	0	0	Not started for all the ASBU element related to space weather and there are no proposed start and end dates.
Seychelles	0	0	0	0	Implementation status : not started for AMET B1/1 and not applicable for AMET B1/2 .
Somalie	0	0	0	0	ASBU element related to SWx not started and no proposed start dates.
South Africa	0	0	0	0	On the template is marked as completed and no supporting documents and date completed.
Tchad -CMA Ndjamena	0	0	0	0	Not started for both AMET B1/1 and AMET B1/2 and no proposed start date.
Togo	0	0	0	0	Not started for both AMET B1/1 and AMET B1/2.



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THANK YOU