



INTERNATIONAL CIVIL AVIATION AUTHORITY

AFI Workshop on the Guidance on ICAO Annex 3 Space Weather Requirements

(AFI Region, 28 to 29 July 2021, Virtual Platform)

PROVISIONAL WORKSHOP PROGRAMME

Day 1: 28 July 2021

Time in UTC	Agenda item	Item
		First Session
09h00 - 09h30	0.	Welcome and opening address <ul style="list-style-type: none"> a) Welcome address b) Opening remarks
		Second Session
09h30 - 10h00	1.	Background information (Cont.) <ul style="list-style-type: none"> a) Introductory quiz/ Icebreaker activities
10h00 - 10h30		<ul style="list-style-type: none"> b) Outcomes of the survey on space weather Requirements c) Q & A
10h30 - 11h00	2.	The science of Space Weather <ul style="list-style-type: none"> a) Introduction and Importance of Space Weather b) Origin of Space Weather: <ul style="list-style-type: none"> o The Sun, Basic properties of the Sun, Solar rotation, Active regions, Solar flares, and CMEs. c) Solar Wind: <ul style="list-style-type: none"> o Solar wind properties, Solar wind interaction with Earth's magnetic field (IMF and Earth's magnetic field)
11h00 - 11h10		Break
		Third Session

Time in UTC	Agenda item	Item
11h10 – 11h50	3.	The science of Space Weather (Cont.) <ul style="list-style-type: none">a) Impact of Space Weather Impact on Aviation<ul style="list-style-type: none">○ Impacts on HF communications, Satellite (loss of lock, scintillation, damages on electronics), GNSS, and Radiation exposure.b) Quiz:<ul style="list-style-type: none">○ On the knowledge gained after the presentations.c) Q & A
11:50-12:00	4.	Closure for Day 1

Day 2: 29 July 2021

Time in UTC	Agenda item	Item	Responsibility
Third Session (Continued)			
09h00 – 09h30	5.	ICAO Space Weather Requirements a) ICAO Annex 3. b) Q & A	ICAO Secretariat ESAF Office (MET) <i>_PPT04</i>
09h30 – 10h00		c) The ICAO Global Air Navigation Plan (Doc 9750). d) Q & A	ICAO Secretariat WACAF Office (MET) <i>_PPT05</i>
10h00 – 10h25		d) Implementation of Annex3 provisions relating to space weather requirements within the AFI Region. e) Q & A	AFI Regional Space Weather Centre (SANSa) <i>_PPT06</i>
10h25 - 10h30		Break	
Fourth Session			
10h30 – 11h00	6.	Status Quo a) Readiness of the Regional Space Weather centre to assist the States in implementing the ICAO Annex3 requirements. b) Q & A	AFI Regional Space Weather Centre (SANSa) <i>_PPT07</i>
11h00 – 11h30		c) Provision of space weather information to airspace users d) Q & A	ICAO Secretariat WACAF Office (MET) <i>_PPT08</i>
11h30 – 11h45	7.	Next Steps	ICAO Secretariat ESAF Office (MET)
11h45 – 11h50	8.	Any Other Business	All
11h50 – 12h00	9.	Closing Remarks	RD ESAF