



Regional Meeting on Minimum Operational Networks (MON) and GNSS Resilience in the SAM Region

Online, July 13-17, 2026
Daily hours: 14:00 – 16:00 UTC

Day 1: GNSS → problem.

Day 2: Solution → MON.

Day 3: Necessary infrastructure.

Day 4: Procedures and contingencies.

Day 5: Regional roadmap.

Day 1	Monday, July 13
Global and Regional Framework on GNSS Vulnerabilities	
14:00 – 14:15	Opening of the meeting Welcome remarks Meeting Objectives Organization of work
14:15 – 14:45	Global GNSS interference overview Jamming Spoofing Recent cases Operational impact on ATM
14:45 – 15:15	ICAO Initiatives and Guidance AN-CONF/14 Resolution A42-8 GANP CNS/ATM Resilience Concept
15:15 – 16:00	Current situation in the SAM Region Experiences of States Reported Events GNSS Reliance on PBN Operations Open discussion

Day 2	Tuesday, July 14
MON Concept and International Experiences	
14:00 – 14:30	Fundamentals of the MON concept Definition Objectives Operational Benefits Criteria used by ICAO
14:30 – 15:15	Presentation of Brazil Brazilian Plan for the Implementation of a Minimum Operational Network (MON) Scope Methodology Infrastructure considered Lessons learned
15:15 – 16:00	Technical debate Applicability in the SAM Region Regional challenges Differences between States

Day 3	Wednesday, July 15
Alternative and Complementary Navigation Infrastructure	
14:00 – 14:30	DME/DME and DME/DME/Inertial architectures Operating principles Coverage requirements Benefits and limitations
14:30 – 15:00	Conventional infrastructure available in the SAM Region DME VOR ILS Radar ADS-B
15:00 – 15:30	Identification of strategic airfields for MON Concept Selection criteria Operational continuity
15:30 – 16:00	Regional Technical Discussion Preliminary regional inventory Information available by State

Day 4	Thursday, July 16
Operational Contingencies and CNS/ATM Resilience	
14:00 – 14:30	GNSS degradation contingency plans ATC Procedures Flight Procedures ATS Coordination
14:30 – 15:00	GNSS Event Management Detection Notification Report Follow-up
15:00 – 15:30	Training and operational readiness Drivers ATSEP Pilots Supervisors
15:30 – 16:00	State needs Identifying gaps

Day 5	Friday, July 17
SAM Regional Roadmap on MON and GNSS Resilience	
14:00 – 14:30	Submission of proposals by States
14:30 – 15:00	Identification of regional actions Information exchange Regional inventory Harmonized criteria Technical cooperation
15:00 – 15:30	Development of a preliminary SAM roadmap Short term Medium term Long term
15:30 – 16:00	Conclusions and closing Agreements reached Upcoming activities Recommendations for SAM/IG and GREPECAS

HORAS (UTC)	Lunes 13 de Julio	HORAS (UTC)	Martes 14 de Julio	HORAS (UTC)	Miércoles 15 de Julio	HORAS (UTC)	Jueves 16 de Julio	HORAS (UTC)	Viernes 17 de Julio
1400	Marco Global y Regional sobre Vulnerabilidades GNSS	1400	Concepto MON y Experiencias Internacionales	1400	Infraestructura de Navegación Alternativa y Complementaria	1400	Contingencias Operacionales y Resiliencia CNS/ATM	1400	Hoja de Ruta Regional SAM sobre MON y Resiliencia GNSS
1415						1430		1430	
1445		1430		1430		1500		1500	
1515		1515		1500		1515		1530	
1600		1600		1530		1530		1600	
				1600		1600			