



SAT-SG/01 WP02.1 APPENDIX D

PBCS Readiness Questionnaire for the SAT States (SAT IMG/01 APPENDIX G)

Following the discussion from the APIRG/25 Meeting (November 2022) and the presentation from the AFI Regional Monitoring Agency (ARMA) on the implementation of procedures to support Performance Based Communication and Surveillance (PBCS) and non-compliance reporting in AFI Region, the SAT IMG decided that all States in the South Atlantic would be invited to complete a survey (based on the ARMA questionnaire) on the status of the planned implementation of PBCS in their respective FIRs as per the attached templates:

SURVEY OF THE STATUS OF CURRENT AND PLANNED IMPLEMENTATION OF PERFORMANCE - BASED HORIZONTAL SEPARATION MINIMA

Part 1

Instructions: SAT States to complete the survey and return by email to the ICAO SAT IMG Secretariat in order to determine the readiness for PBCS Implementation				Y/N	If NO, Planned Date
1. Has your State completed any of the following preparations for PBCS implementation?					
	Task Group	Task ID	TASK descriptor		
		A-1	AIP (Prescription of an RCP/RSP specification. Also see B-3 below)		

PBCS Implementation Task List	Group A	A-2	PBCS policies, objectives supporting safety oversight of ANSP PBCS operations		
		A-3	PBCS policies, objectives supporting safety oversight of Aircraft Operator and Aircraft System PBCS operations		
		A-4	Proposal for Amendment to ICAO Doc 7030 - <i>Regional Supplementary Procedures</i> for PBCS operations , if applicable		
	Group B	B-1	PBCS Implementation Plan		
		B-2	Target dates for PBCS and relevant ATM operations		
		B-3	RCP/RSP specifications		
		B-4	PBCS awareness		
	Group C	C-1	Operational concepts and procedures for PBCS operations		
		C-2	ATM automation system changes to use flight plan RCP/RSP indicators		
		C-3	ATM automation changes for PBCS monitoring		
		C-4	Confirm initial ANSP compliance with RCP/RSP specifications		
	Group D	D-1	Aircraft operator readiness		
		D-2	Confirm initial operator and/or aircraft type/system compliance with RCP/RSP		
	Group E	E-1	PBCS monitoring, analysis and reporting - post implementation		

Part 2

Instructions: SAT States to complete the survey and return by email to the ICAO SAT IMG Secretariat				Y/N	If NO, Planned Date
2. Does your State submit data link problem reports to a recognized Regional Monitoring Agency (ARMA, SATMA, CARSAMMA)					
3. Does your State monitor and analyze data link performance in accordance with the following specifications and report the analysis to a recognized FANS Interoperability Team (FIT)?					
Communication Specifications & Interoperability Standards	Normal	RCP240	FANS1/A CPDLC		
	Alternate				
Surveillance Specifications & Interoperability Standards	Normal	RSP180	FANS1/A ADS-C		
	Alternate				
4. Has your State implemented or plans to implement the following performance-based horizontal separation minima?					
Navigation Specifications & Applicable ATM Operations	RNAV/RNP	RNAV/RNP 10	50 NM Lateral Separation		
			50 NM Longitudinal Separation		
		RNP 4	30 NM Longitudinal Separation		
			30 NM Lateral Separation		
		RNP2	23 NM Lateral Separation		
			30 NM Climb-Descend Through		
ASEPS	17 NM Long & 19 NM Lat separation				