



ICAO

**SEVENTH MEETINGS OF THE SAT IMPLEMENTATION MANAGEMENT GROUP (SAT IMG/7)
AND
SAT SAFETY OVERSIGHT GROUP (SAT SOG/7)**

Dakar, 6-10 April 2026

Agenda Item 2: SAT States/ANSP updates

STATE REPORT 2024 SPAIN - CANARIAS ACC

*(Presented by **Enaire**)*

SUMMARY	
This information paper presents the last updates and developments in Spain (Canarias ACC).	
<i>Strategic Objectives</i>	

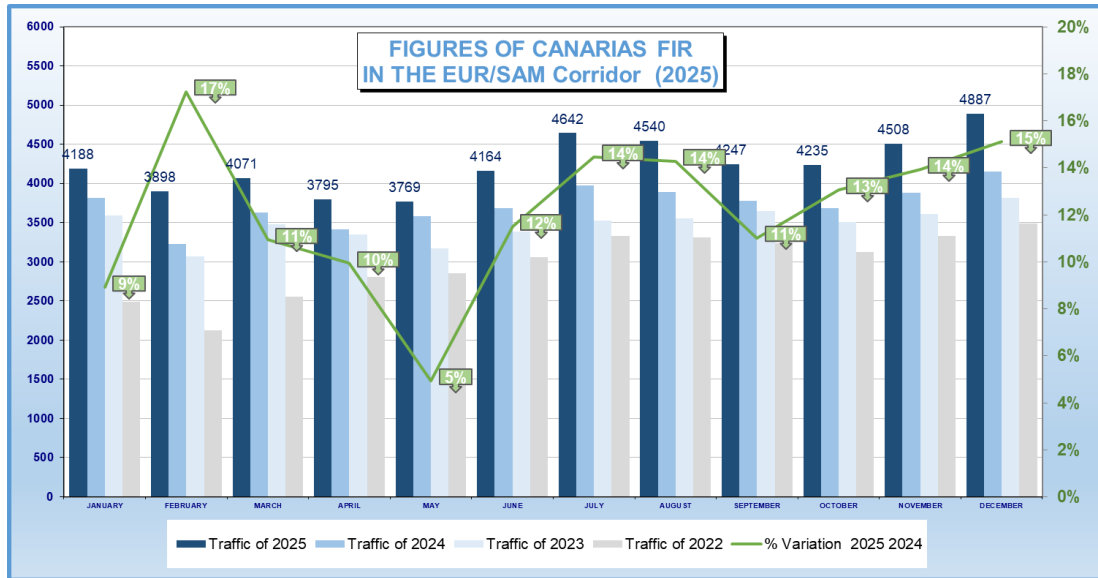
1 INTRODUCTION

- 1.1 This paper addresses information regarding Spain status, according to the references:
- SAT-IMG action R-01, “Provide State/ANSP Reports including traffic figures and information on implementation activities”,
 - SAT-IMG action R-04, “Collect data on aeronautical mobile services frequency allocation”
 - SAT-IMG action 04-01, “SAT ANSPs to collect data on GNSS Interference (jamming/spoofing) and share information at next SAT IMG”-

2. DISCUSSION

Traffic

- 2.1 In 2025, a significant increase in traffic was recorded in the EUR/SAM Corridor within the Canarias FIR compared with the same period of the previous year, with an average growth of approximately 12%. This increase reflects a sustained upward trend observed across most months.



Picture 1. Traffic picture in Canarias FIR (only in the EUR/SAM Corridor) – 2025

Fleet Capabilities

2.2 Next table shows the figures registered in the referenced year as well as the evolution respect the previous one. There was not any relevant change/evolution about this analysis except in PBCS requirements. Note that RSP180/RCP240 is exclusively based on RCP240.

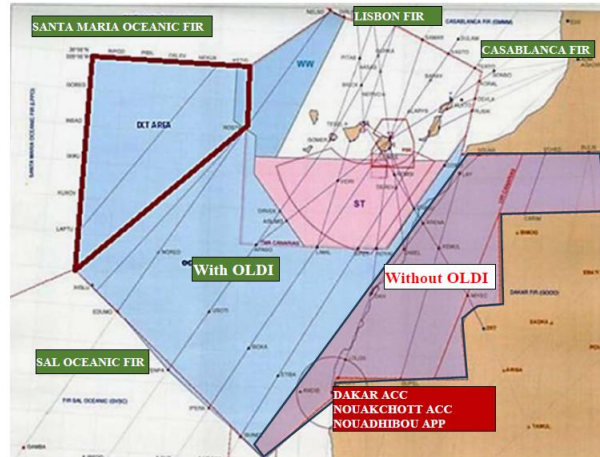
EQUIPMENT	2025	2024	VAR
RNP10	99.6%	99.7%	-0.1%
RNP4	74.7%	75.8%	-1.1%
CPDLC (FANS)	79.1%	77.6%	1.6%
RCP240 & FANS	52.3%	54.2%	-1.8%
ADS C & FANS	77.9%	76.7%	1.2%
ADS B	99.5%	99.5%	0.1%
PBCS (RNP 10+RCP240/RSP180)*	52.3%	54.0%	-1.7%
PBCS (RNP 4+RCP240/RSP180)*	51.8%	53.5%	-1.7%
ASEPS (RNP4+RCP240+ADSB)	51.8%	53.7%	-1.8%

*RCP240 =>RSP180

Table 1.- Figures equipment and capabilities – Canarias FIR in the EUR/SAM Corridor (2025 vs 2024)

OLDI/AIDC

2.3 No update is planned for the current situation, which is shown in the following figure:



Picture 2. OLDI in Canarias FIR – 2024

Data link Service

- 2.4 Last report, December 2025, shows that most of FANS equipped aircraft (**88.3%**) connect to Ground System. However, the connected traffic only represents the **55.3%** traffic.
- 2.5 As far as ADS-C surveillance data accuracy is concerned, almost all (98,3%) of the analysed ADS-C messages in the studied period report a FOM value equal to or better than 6.

Implementation Activities

Medium term Activities

- 2.6 ENAIRE continues to work in coordination with the Mauritanian Authorities on the installation of ADS-B/VHF stations in Nouadhibou to improve Surveillance and Communication Coverage in Canarias FIR. This activity is going on in accordance with the initial roadmap. (**delayed for administration issues**).
- 2.7 Upgrading of ATM System with supporting tool like Medium Term Conflict Detection (MTCD) for sector with Surveillance and Communication VHF is expected to be implemented by 2027.
- 2.8 ENAIRE is planning the implementation of satellite-based ADS-B for 2026 to reinforce the PBCS implementation.

Long term Activities

- 2.9 The implementation of satellite-based VHF and ADS-B.
- 2.10 2028-2029: SACTA-iTEC 5 (new ATM system)

PBCS Activities

- 2.11 ENAIRE, will report to IMG the status of PBCS activities in accordance with ESCIT and SAT/IMG PBCS PT decisions.

2.12 ENAIRE is ready to perform the local PBCS monitoring in liaison with SATMA and aligned with PBCS Monitoring and Reporting Guidance Initial Phase (EUR/SAM Corridor).

Not filed the identifiers corresponding to the appropriate RCP and RSP specifications						
ENAIRE - ACC CANARIAS				February 2026		
3-Letter Operator ICAO CODE	4-letter ICAO Aircraft Type designator	Aircraft Registration	24-bit Aircraft Address	FLIGHT PLAN		Count
				RSP 180	RCP 240	
MMZ	B763	NXA	495276	Y	Y	39
MMZ	B772	CSTSW	495277	Y	Y	36
EXS	A21N	GSUNL	408034	Y	Y	31
TAP	A339	CSTUD	4952A4	Y	Y	30
EXS	A21N	GSUNW	408262	Y	Y	29
EXS	A21N	GSUNH	408032	Y	Y	28
VKG	A21N	OYVKA	45D961	Y	Y	27

Table 2.- Example 1 of local PBCS monitoring in Canarias ACC (February 2026)

PBCS monitoring report by Airco												
Colour Key		ENAIRE - ACC CANARIAS				FEBRERO 2026						
Meets criteria												
Under criteria but above 99.0%												
Under criteria												
				Specification/Application RSP180/ADS-C			Specification/Application RCP240/CPDLC					
3-Letter Operator ICAO CODE	Aircraft Registration	24-bit Aircraft Address	4-letter ICAO Aircraft Type designator	ADS-C downlink Message Counts	95% 99.9%		Transaction counts (WILCO received)	95% RCP 240 benchmark		99.9% RCP 240 benchmark		95% PORT RCP
					RSP 180 benchmark			ACP <=180 sec	ACTP <=120 sec	ACP <=210 sec	ACTP <=150 sec	
				ASP <=90 sec End-to-End		ASP <=180 sec End-to-End		End-to-End Network		End-to-End Network		PORT <=60 sec Pilot response
AIR EUROPA	ECNXA	347349	B788	52	100.0%	100.0%	15	100.0%	100.0%	100.0%	100.0%	100.0%
-	B1469	7811A5	B789	51	100.0%	100.0%	12	100.0%	100.0%	100.0%	100.0%	100.0%
IBE	ECNDR	34628D	A359	62	100.0%	100.0%	11	100.0%	100.0%	100.0%	100.0%	100.0%
IBE	ECNLP	346555	A359	47	100.0%	100.0%	10	100.0%	100.0%	100.0%	100.0%	100.0%
IBE	ECNJM	346456	A359	51	100.0%	100.0%	13	100.0%	100.0%	100.0%	100.0%	100.0%
RAM	CNRHB	0201A4	B789	72	100.0%	100.0%	11	100.0%	100.0%	100.0%	100.0%	100.0%

Table 3.- Example 2 of local PBCS monitoring in Canarias ACC (February 2026)

GNSS Interferences

2.13 ENAIRE provided information to ATCOs regarding GNSS Interference (jamming and or spoofing). So far, there are no reported problems in this regard.

Aeronautical mobile services frequency allocation

2.14 There is not any issue regarding the vulnerability of aeronautical mobile radiocommunication frequencies.