



Agenda Item 1: ANS context (ATM/CNS) Global and Regional level

a) Global Air Navigation Plan and Elaboration of Vol. III of the ANP CAR/SAM

DECOMMISSIONING OF NAVAIDS IN URUGUAY'S AIRSPACE

(Presented by Uruguay)

SUMMARY

This working paper updates the activities for airspace, decommissioning Nav aids in benefit of PBN procedures.

References:

- Resolution A-37 11.
- ICAO Doc 9613.
- LAR 210 Aeronautical Telecommunications (Amendment 3)
- LAR 211 Air Traffic Management.

1. Background

1.1 ICAO urges all States to implement RNAV and RNP air traffic service (ATS) approach routes and procedures in accordance with the PBN concept set out in the Performance-Based Navigation Manual (PBN) (Doc. 9613).

1.2 Consequently, Uruguay has made progress in the implementation of RNAV and RNP operations for route and terminal areas; and is in the process of completing vertical guided approach (APV) procedures (Baro VNAV) for all ends of instrument flight runways, either as a main approach or as a backup.

2. Analysis

2.1 Due to the progress of the implementation of enroute PBN and the process of designing the procedure for PBN approaches in national airports, and due to the impossibility of continuing to maintain them to keep them operational, which has led to their inoperability in recent years, the following nav aids are being deactivated:

TYPE	IDENT.	LOCATION	COORD.	FREQ.	APPRCH.	ROUTES
VOR	MLO	SUMO Melo	322032.8 S 0541319.1W	114.3 MHZ	Yes	A-310 UM-792 UN-857
VOR	STO	SUSO Salto	312605.0S 0575903.9W	117.9 MHZ	Yes	Domestic
VOR	TMB	SUTB Tacuarembó	314501.0S 0555225.9W	112.6 MHZ	Yes	Domestic
NDB	ST	SUSO Salto	312702.4S 0575948.2W	410 KHZ	Yes	No
NDB	TBO	SUTB	314503.7S 0555543.0W	260 KHZ	Yes	No

2.2 Consequently, the procedures provided fin LAR 210 *Aeronautical Telecommunications* (Amendment 3) and LAR 211 *Air traffic management* are being complied with by suppliers.

3. Suggested action

3.1 The Meeting is invited to take note of the update on the availability of nav aids in Uruguay's airspace.