

Progress on PBN Implementation in the Maldives

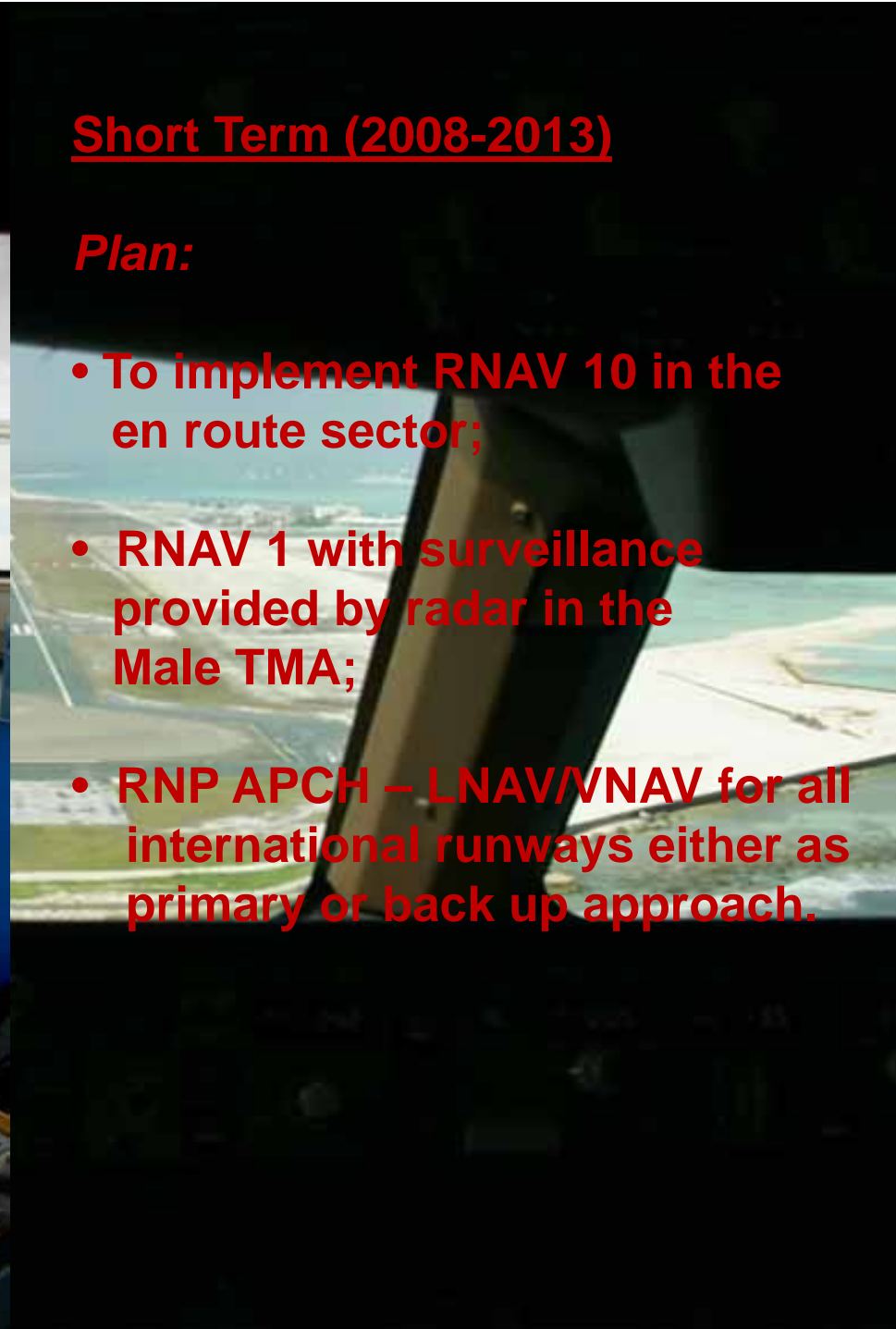




Short Term (2008-2013)

Plan:

- To implement RNAV 10 in the en route sector;
- RNAV 1 with surveillance provided by radar in the Male TMA;
- RNP APCH – LNAV/VNAV for all international runways either as primary or back up approach.

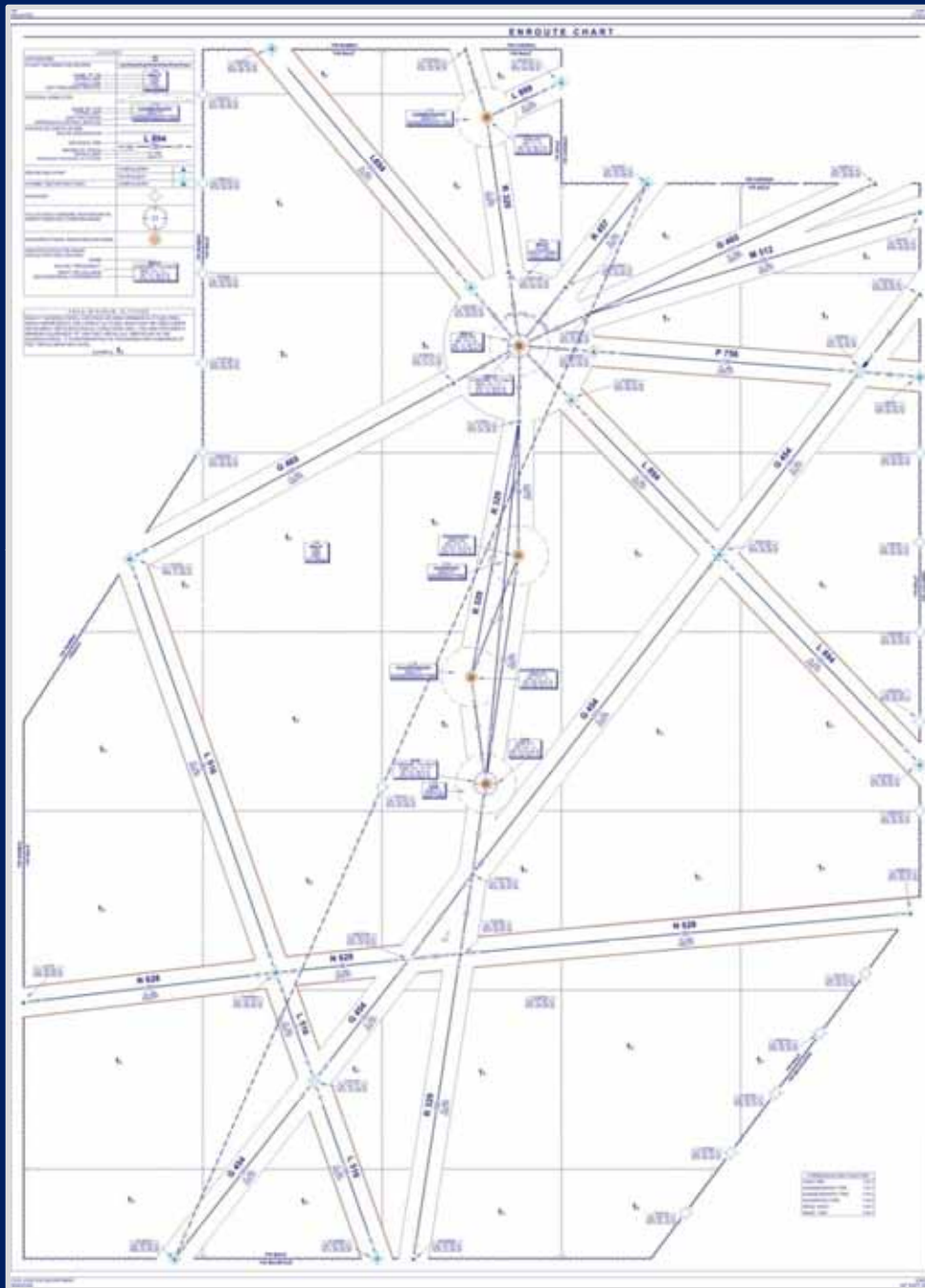




GNSS as enabling technology

- ❖ Maldives' existing network of terrestrial navigation aids is of insufficient density to support PBN navigation specification
- ❖ PBN implementation in Maldives will be supported by GNSS





Progress

En route

RNAV 10:

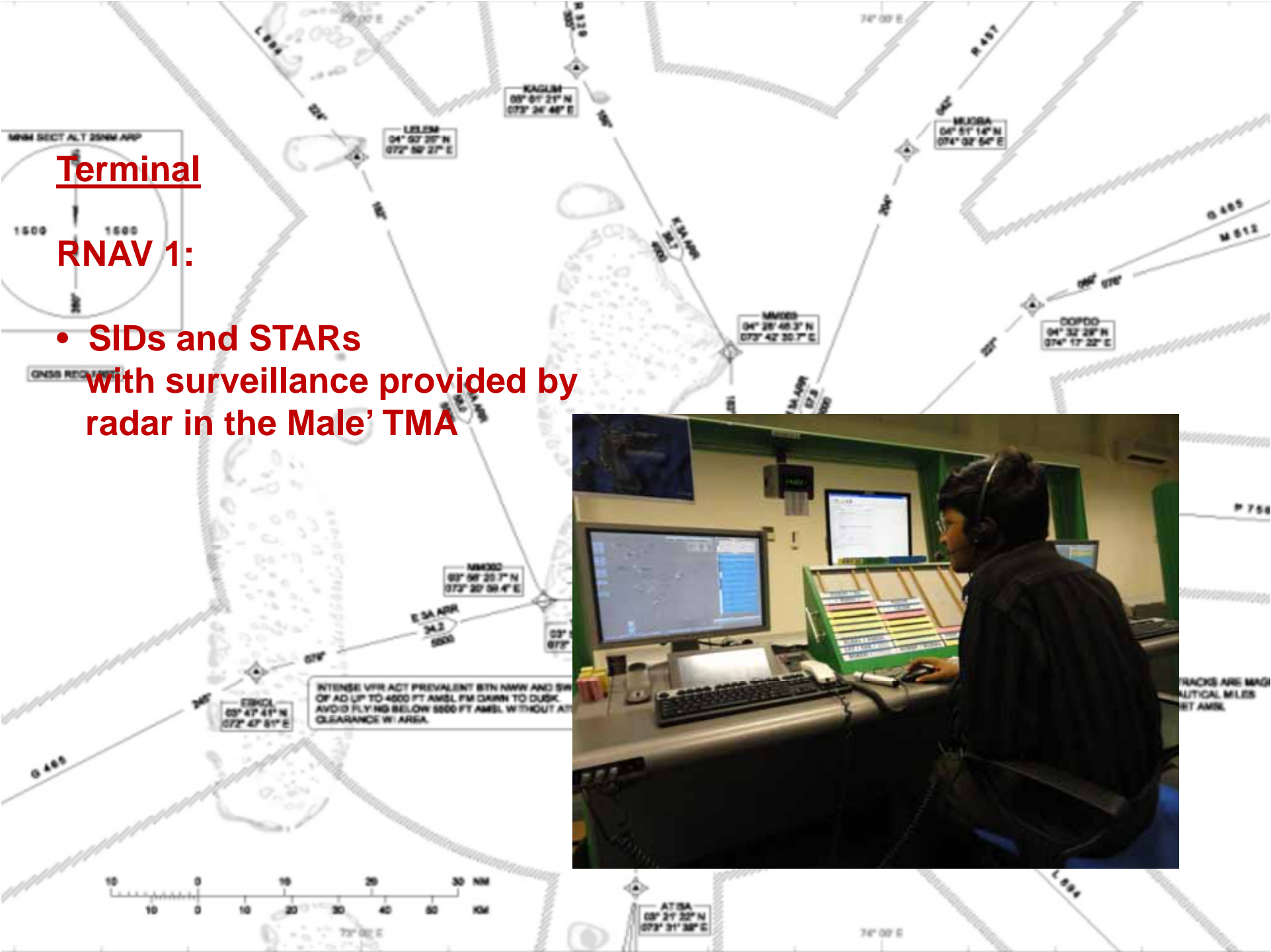
Selected routes in Male' FIR are designated RNAV 10:

- L894
- N628
- L516
- P756
- L899

Terminal

RNAV 1:

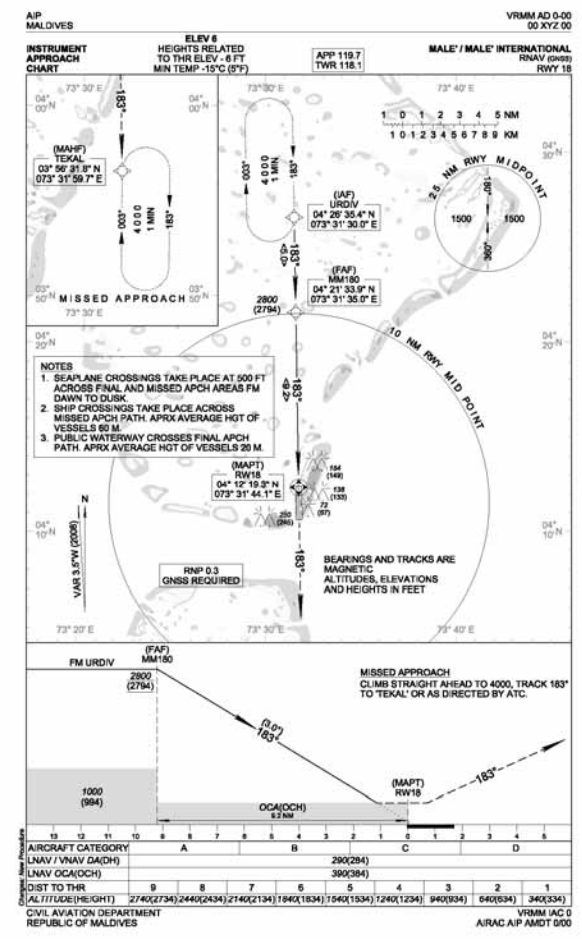
- SIDs and STARs with surveillance provided by radar in the Male' TMA

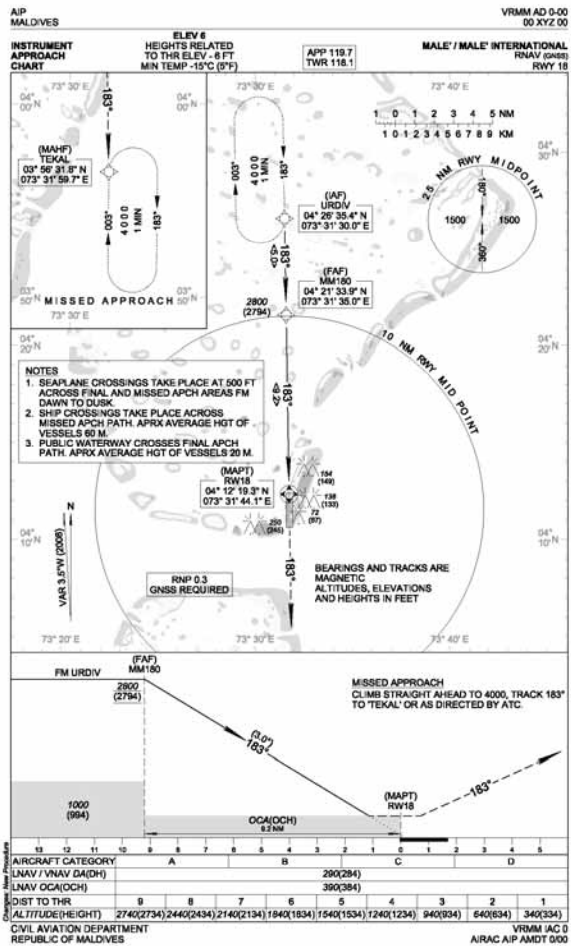


Approach:

Approach procedures based on APV Baro-VNAV criteria for Male International Airport

- ILS backup for RWY36

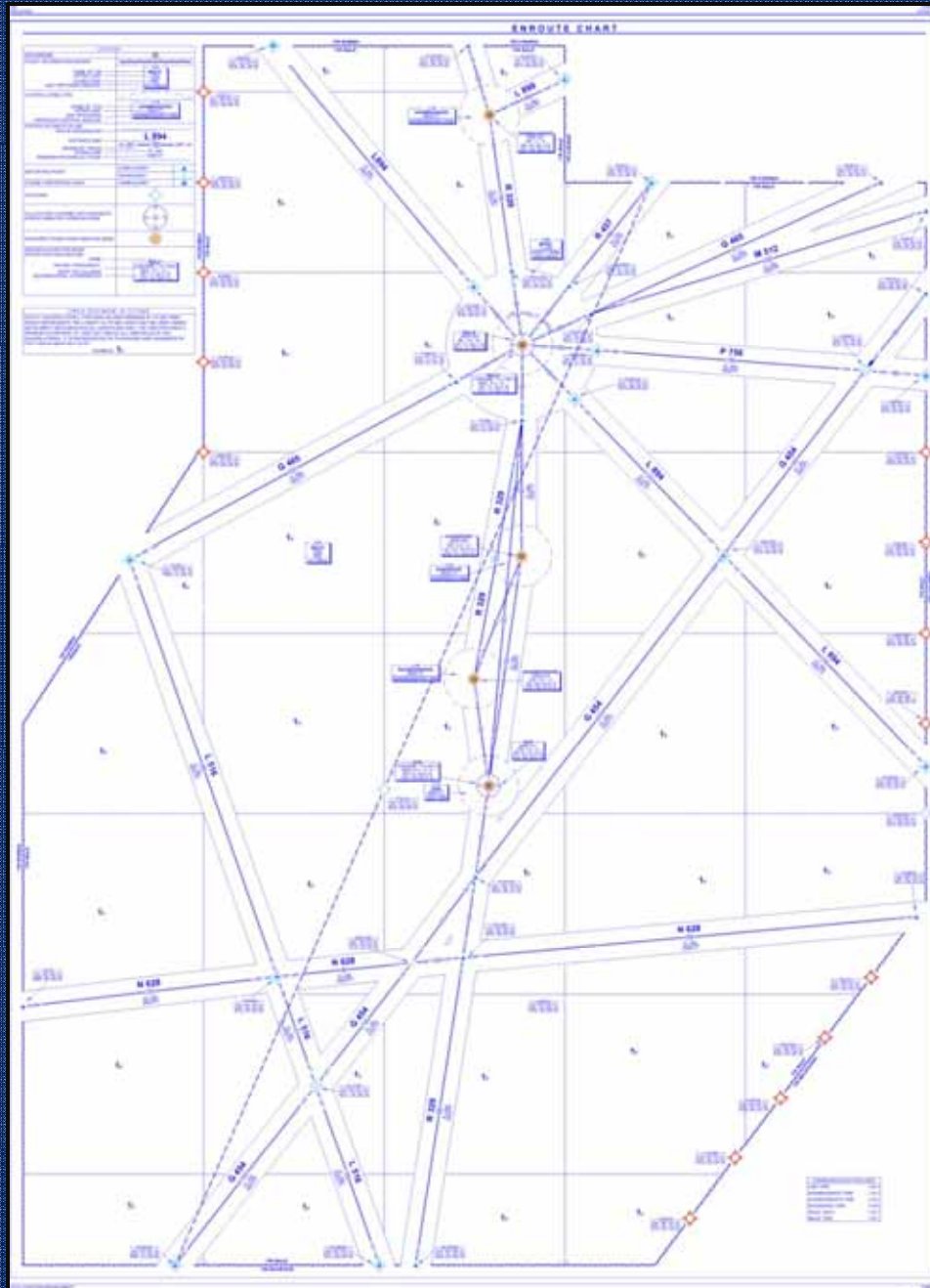




Approach:

Approach procedures based on APV Baro-VNAV criteria for Male International Airport

- Primary approach for the non-ILS equipped RWY18.



Direct routes within Male FIR

- ❖ **New boundary Waypoints**
- ❖ **RNAV 10 capable aircraft above FL285 may fly between an entry point and an exit point without reference to the Air Traffic Services (ATS) route network**

Thank You

