



United Arab Emirates



GCAA

دولة الامارات العربية المتحدة
الهيئة العامة للطيران المدني
UAE General Civil Aviation Authority

الفائزون المتميزون في The distinguished winners of

SHEIKH KHALIFA
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برنامج الشيخ خليفة للميزان الحكومي

فئة التجربة التقنية/ الفنية المتميزة- For Technical Experience

Civil/Military Cooperation within the UAE FIR

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The Sheikh Zayed Air Navigation Centre in Abu Dhabi:

- **76 working positions including live ACC, military liaison, emergency and training roles;**
- **+100 Operational ATCO's;**
- **Permanent Military Liaison Officer;**
- **The latest in ATC systems hard and software**

Civil/Military Cooperation within the UAE FIR



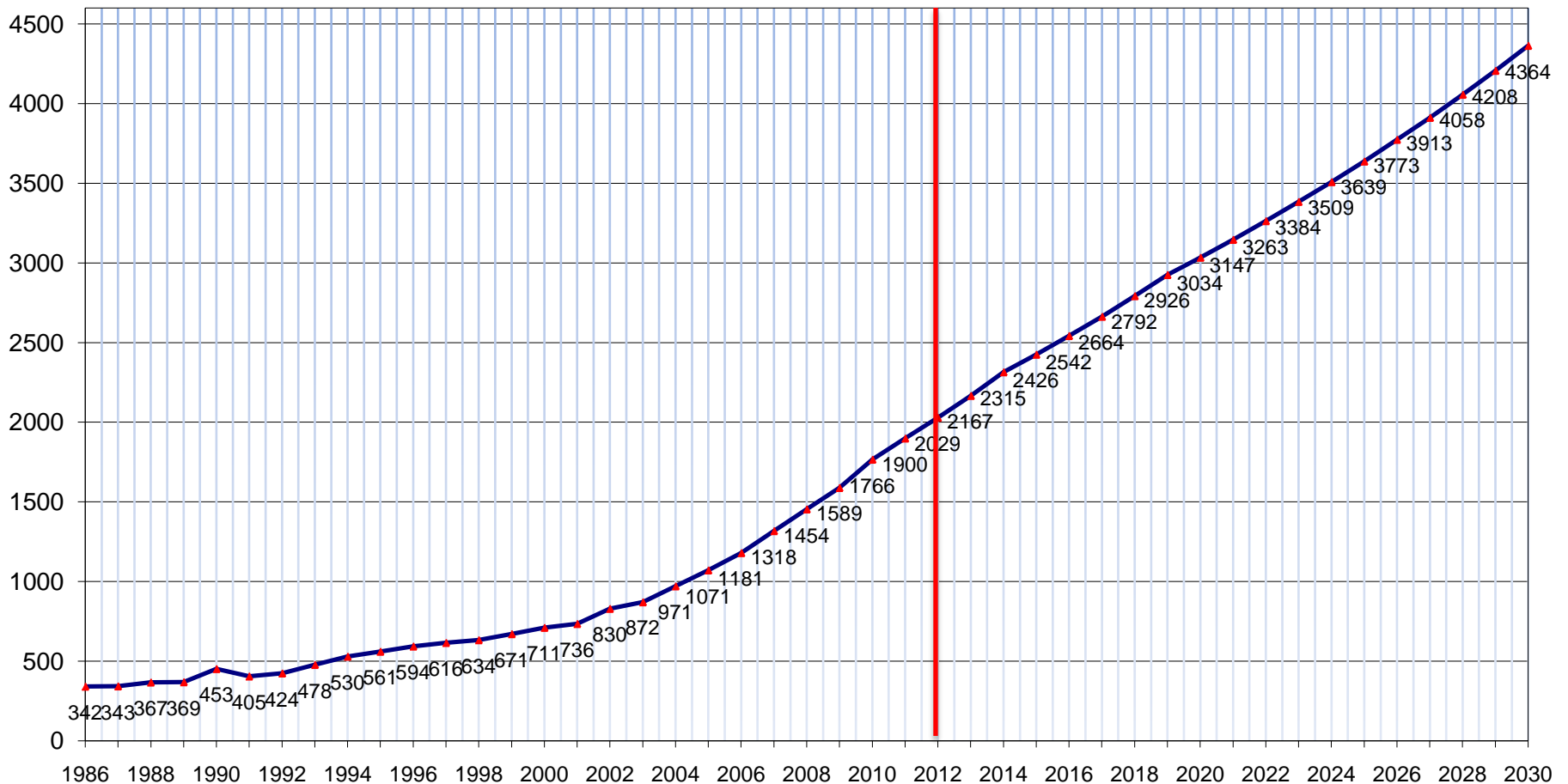
Background

- Useable airspace within the UAE FIR is roughly shared equally between the UAE Military and Civil ANSP's
- Numerous airfields and OMR's exist within the UAE FIR for the exclusive use of the Military
- On average 2000 flights are controlled daily (excluding Military missions/training)

Civil/Military Cooperation within the UAE FIR



Daily Movements 1986 – 2030



Civil/Military Cooperation within the UAE FIR



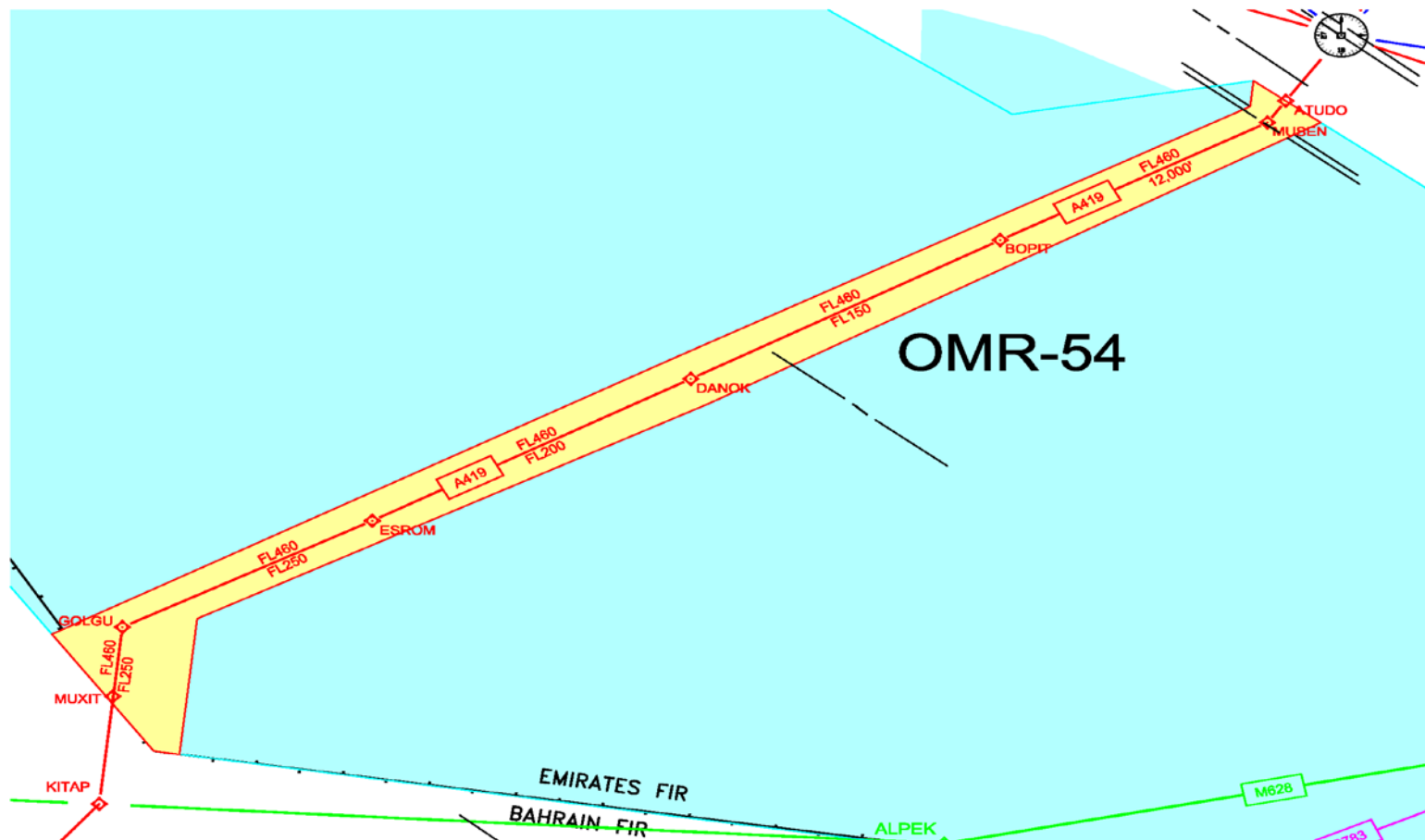
Cooperation – NM saving to traffic operating on A419

	OMAA	OMDB	OMSJ
Previous route via TANSU (G783)	366.7 NM	414.7 NM	413.4 NM
A419 through OMR-54	291.9 NM	354.7 NM	362.9 NM
Saving – NM's	74.8 NM's	60.0 NM's	50.5 NM's
Savings – CO₂ Emissions	8976 kg's	7200 kg's	6060 kg's

Civil/Military Cooperation within the UAE FIR



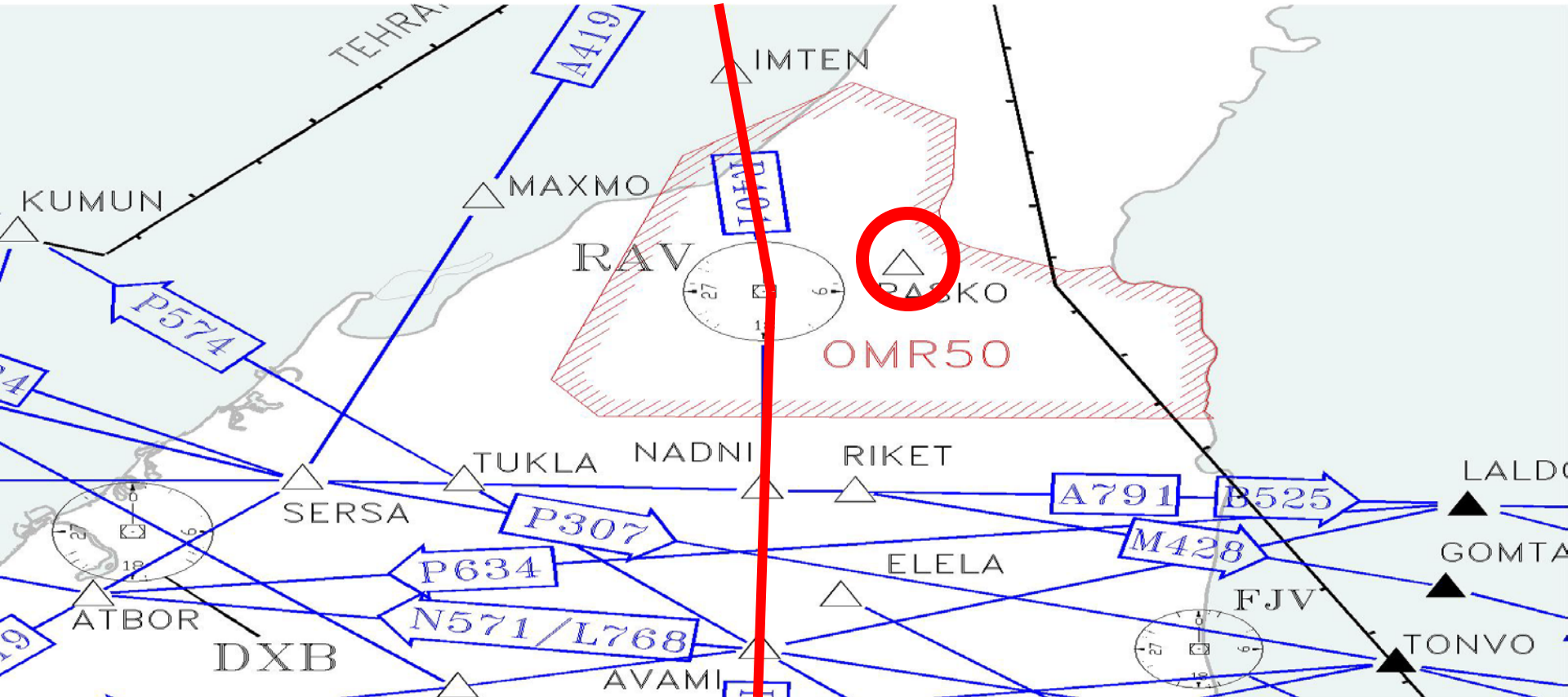
Cooperation - A419



Civil/Military Cooperation within the UAE FIR



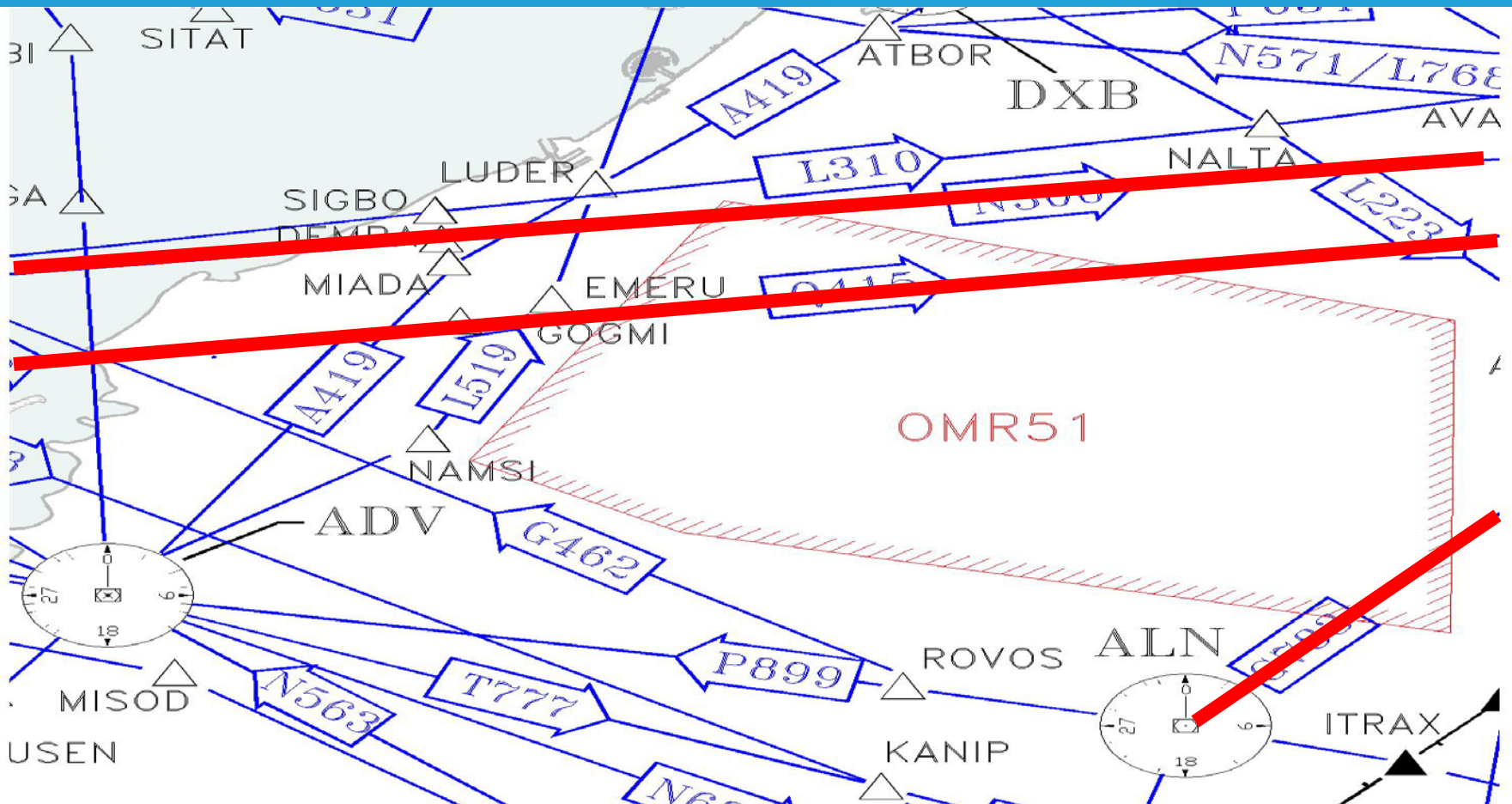
OMR-50



Civil/Military Cooperation within the UAE FIR



OMR-51



Civil/Military Cooperation within the UAE FIR



Partnership

- The UAE Military is an important member of the National Airspace Advisory Committee (NASAC)



EMIRATES FIR

En-Route Chart

Bearings are magnetic
 Altitudes & ELEV in FT
 Distances in NM
 RNAV 5 mandatory above 10,500 FT and in the Dubai and Fujairah CTA.

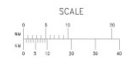
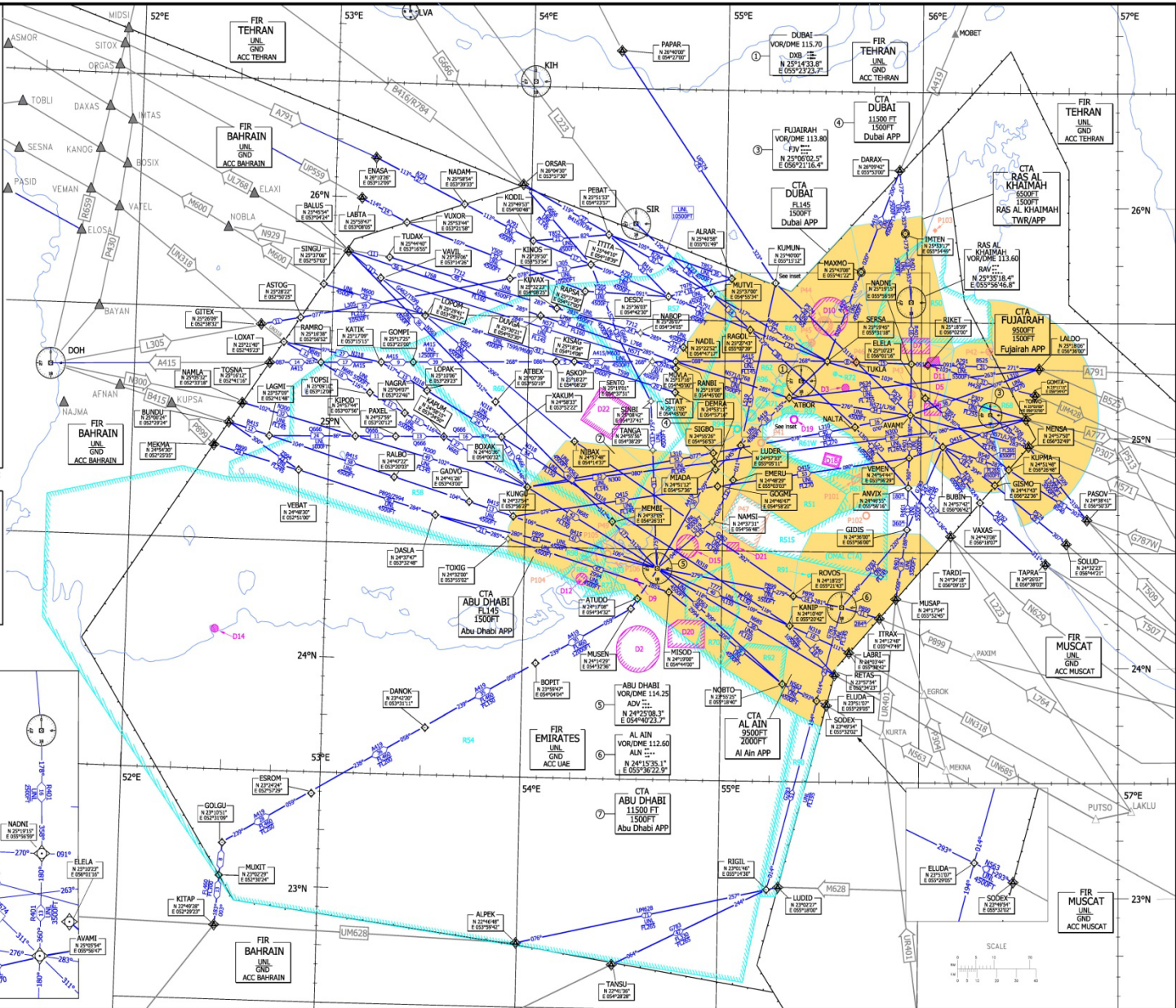
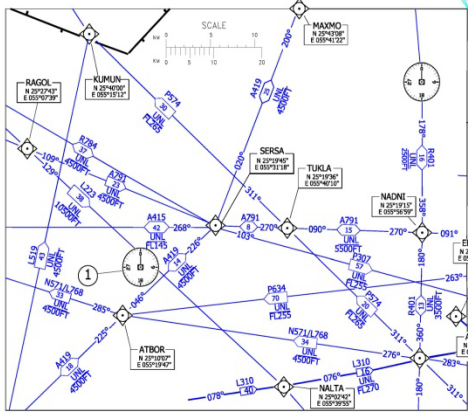
Only upper and lower CTA levels are shown. For internal boundaries refer ENR 2.1
 Refer ENR 6-2 for vertical limits of Prohibited, Restricted & Danger areas.

LEGEND

- ◆ Fly-by significant point
 - ◆ Fly-by compulsory reporting point
 - ◆ Fly-over significant point
- Consult NOTAM for current information
 Not intended as authoritative guidance for routes in external FIRs

GENERAL CIVIL AVIATION AUTHORITY AIRAC 96 effective 23 AUG 12

Amendment Record		
Nr	Date	Entered by



CHANGES: Amended ATS RTE, WPT, Removed SUJ VOR DME. Editorial. Connected RAV VOR DME coordinates.



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Thank you