



International Civil Aviation Organization

MIDANPIRG Air Traffic Management Sub-Group

Fifth Meeting (ATM SG/5)
(Aqaba, Jordan, 1 – 4 December 2019)

Agenda Item 4: MID Region ATS Route Network

**REORGANIZATION OF THE ATS ROUTES IN CAIRO FIR OVER THE DABAA
NUCLEAR POWER PLANT**

(Presented by Egypt)

SUMMARY

This paper presents a summary of amendments to the MID ATS Route Network related to establishment of a prohibited area over Dabaa nuclear power plant within Cairo FIR.

Action by the meeting is at paragraph 3.

REFERENCES

- MID ANP
- ICAO Doc: 9859 (Safety Management Manual (SMM))
- Annex 15

1. INTRODUCTION

1.1 A new Prohibited area was established within Cairo FIR over the Dabaa **nuclear power plant** by a radius of 12NM with vertical limit from ground to unlimited which required reorganizing the ATS routes crossing that area.

1.2 Egypt started the restructure process for the ATS route over this area on the basis of the need to re-organize the routes to avoid the prohibited area that will be established, reduce complexity over crossing points and improve safety and reduce controller workload.

2. DISCUSSION

2.1 The draft PfA submitted to ICAO MID Office is at **Appendix A**

2.2 The maps reflecting the changes are at **Appendix B**, for easy comparison between the ATS routes before and after the amendments: (see **Appendix C**).

2.3 The meeting may wish to note that a coordination meeting with IATA was held at the ICAO MID Office with Egypt on 23 October 2019 to demonstrate the proposed amendment in ATS routes.

2.4 The expected publication date is 28 January 2020.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the amendments in the ATS route as mentioned this working paper; and
- b) support the changes to the ATS route network within Cairo FIR.

APPENDIX A



AMENDMENT PROPOSAL

**PROPOSAL FOR AMENDMENT OF THE ICAO
MID AIR NAVIGATION PLAN (DOC 9708), VOLUME II**

a) **Plan:** MID Air Navigation Plan (Doc 9708) Volume II – Table ATM II-MID-1

b) **Proposed amendment:**

Editorial note: Amendments are arranged to show “deleted text” using strikeout (~~text to be deleted~~), and “added text” with grey shading (text to be inserted).

- 1) **Amend** requirement for ATS routes A1, A411, A727, B12, L321, L551, L617, M855, M872, N705, P557, P751, Q613, Q734, R778, V604, W725, as follows:

A1 CAIRO(CVO)
 MENKU
 NOZ
~~BOPED~~
 KATEX
~~SOKAL~~
~~METRU~~
 SOBAX 313507.76N291834.94E
 NOGLI321248.73N0291811.36E

A411
 BNA
 NASER
~~LOSUL~~
~~BRN~~

A727 ~~PAXIS~~
~~GESAD~~
~~OTIKO~~
 NOZ
 MENKU
 CVO
 LXR
 SML
 NUBAR

B12 TANSAN
~~SOKAL~~
~~DBA~~
~~KATAB~~
 ITEXO 325832.24N
 0265834.37E
 MMA
 IMREK 290642.98N
 291220.20E
 BOPOS
 DENPO
 KHG
 SML

	L321	METRU	
	ITEXO		325832.24N
	0265834.37E		
	NABSI		314352.50N
	0290419.36E		
	SOBAX		313507.76N
	291834.94E		
	ORNAS		311837.90N
	291844.67E		
	REXUM		301821.89N
	291917.16E		
	KATAB		
	KUNKI		
	KUNAK		
	LUGAV		
	SML		
L551	ANTAR		
	GESAD		
	DBA		
L617	TANSA		
	ASNIR		
	NABSI		314352.50N
	290419.36E		
	IMRUT		
	NOZ		
	ALVEV		312414.41N
	291138.67E		
	MRASDA		
	LABNA		
	LABNA	322921.70N	3063.01E
	NABSI	314352.50N	
	29419.36E		
	MMA		
	BRN		
	LOSUL		
	METRU		
	DBA		
	OBRAN		302956.96N
	290522.42E		
	REXUM		301821.89N
	291917.16E		
	FYM		
	SEMURU		
	HGD		
	SILKA		

N705 SALUN
 MMA
 MUPSO31033.88N272139.39E
 MISUK

P557 PAXIS
 NABSI 31452.50N 290419.36E
 GOMGO 311151.70N 290446.14E
 OBRAN 302956.96N 29052.42E
 KATAB
 MISUK NUBAR

P751 METRU
 MMA
 DASUM 318169N 027323352E
 KATAB 292501N 0290506E
 KATAB 292502.76N 0290431.93E
 KUNKI
 AST2701.9N 03101.9E
 LUXOR(LXR)
 ALEBA2200.0N 035227.0E

Q613 ORDIX 31359.77N 29517.06E
 ORANAS 311837.90N 291844.67E
 GOMGO 311151.70N 29446.14E

Q734 IMREK 29642.98N 291220.20E
 ALVEV 312414.41N 291138.67E
 NOGLI 321248.73N 291811.36E

R778 DANAD
 KATAB 292502.76N 0290431.93E
 FYM

V604 NOZ
 ORDIX 31359.77N 29517.06E
 ALPAM

W725 BRN
 NANVO
 DBA
 BOPED
 OTIKO
 LABNA
 RASDA

c) **Originated by:** Egypt

d) **Intended date of implementation:** upon approval by the council

e) **Originator' Comments:** The changes proposed herein are the result of work undertaken by Egypt due to implementation of no fly zone over DBA nuclear power plant.

f) **Secretariat's Comments**

g) **Proposal circulated to following States and organizations:**

Bahrain	Lebanon	United Arab Emirates
Egypt*	Libya	Yemen
Cyprus	Malta	<u>International Organizations:</u>
Greece	Oman	CANSO
Iran, Islamic Republic of	Qatar	EUROCONTROL
Iraq	Saudi Arabia	IATA
Israel	South Sudan	IFALPA
Jordan*	Sudan	IFATCA
Kuwait	Syrian Arab republic	

* *Originator*

KANAR
32 27 27N
026 53 30E

SOKAL
32 36 01N
027 37 06E

KATEX
32 07 01N
028 24 36E

LABNA
32 19 56N
030 16 12E

MELDO
32 02 01N
031 04 06E

M. MATRUH
DVOR/DME
MMA 116.4
31 19 11N
027 13 20E

CTR
M. MATRUH

OTIKO
31 34 21N
029 36 36E

IMRUT
31 32 59N
029 33 46E

BALTIM
VOR/DME
BLT 116.9
31 31 44N
031 07 21E

SIDI
BARRANI
VOR/DME
BRN 116.2
31 34 32N
026 00 20E

BOPED
31 29 39N
029 26 55E

ALEXANDRIA
VOR/DME
NOZ 115.9
31 11 15N
029 57 03E

HE/D12
UNL
MSL

V604
FL260
DEGDI
31 14 29N
031 10 35E

V604
FL260
CTR
PORT SAID
FL060
SFC

NANVO
30 53 00N
028 15 06E

EL DABA
VOR/DME
DBA 115.7
31 00 41N
028 28 01E

CTR
ALEXANDRIA
FL055
GND

MENKU
31 05 31N
030 18 06E

AL ALMAIN
30 55 28N
028 27 41E

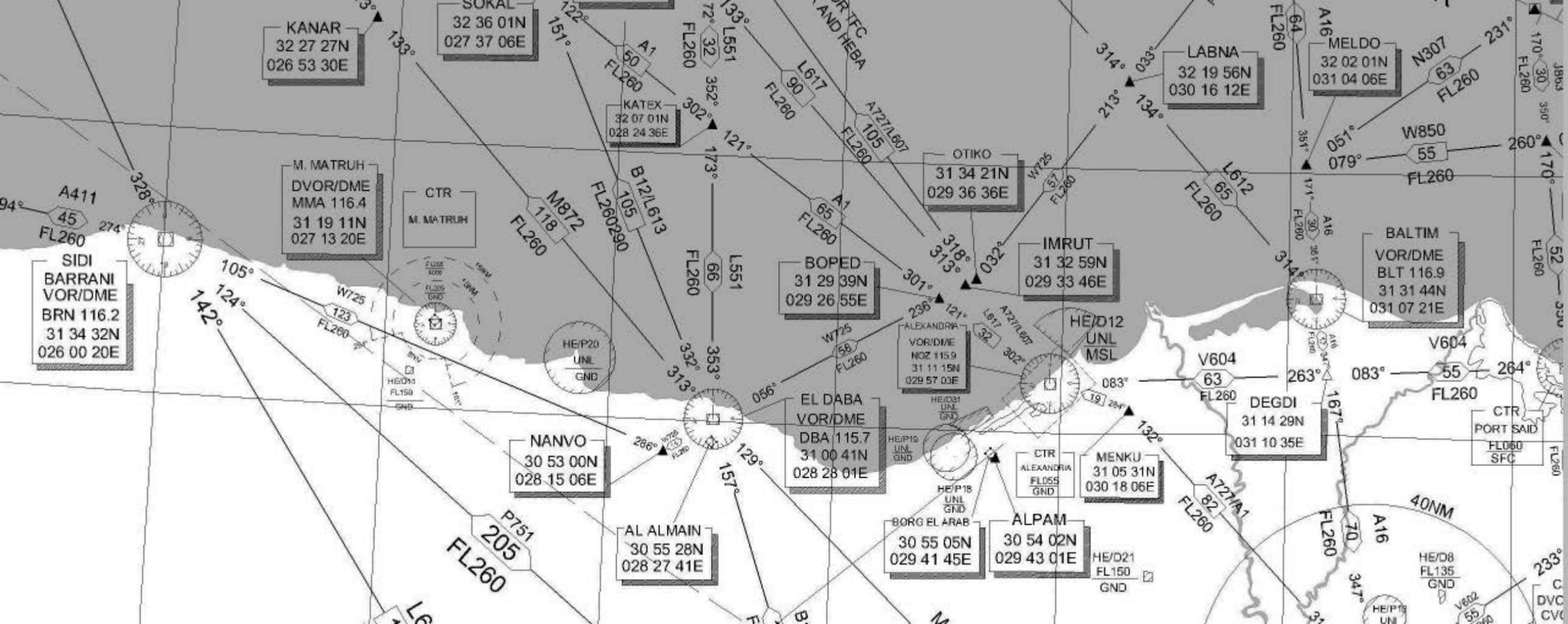
BORG EL ARAB
30 55 05N
029 41 45E

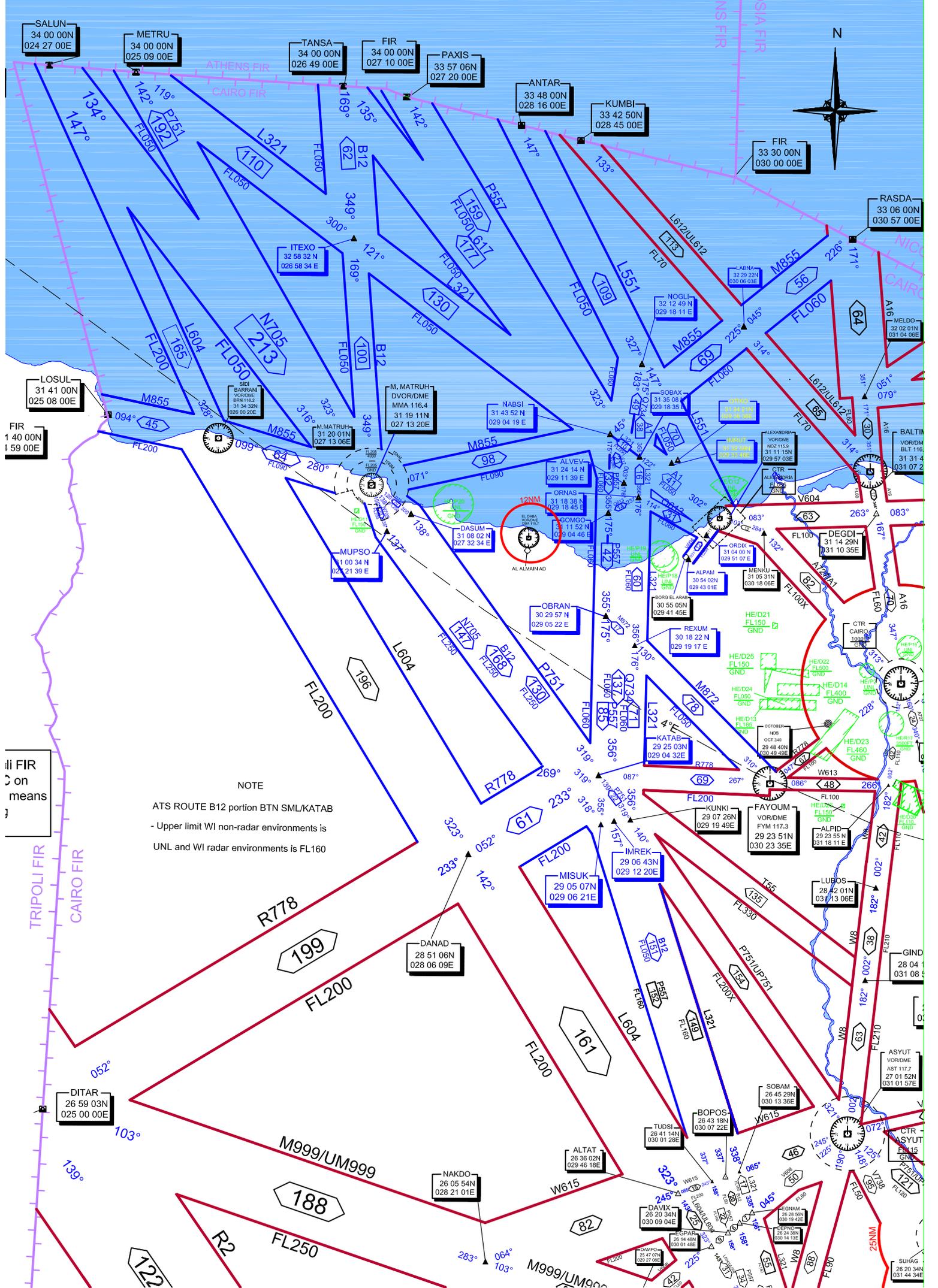
ALPAM
30 54 02N
029 43 01E

HE/D21
FL150
GND

HE/P19
UNL
GND

V602
FL060
CTR
DVC
CVC





FIR
1 40 00N
1 59 00E

all FIR
on means

