



*International Civil Aviation Organization*

**MIDANPIRG ATM/SAR/AIS Sub-Group**

**Twelfth Meeting (ATM/SAR/AIS SG/12)**  
*(Cairo, Egypt, 21 - 24 November 2011)*

---

**Agenda Item 3: Improvement of MID ATS Route Network**

**IMPROVEMENT OF THE MID ATS ROUTE NETWORK**

(Presented by the Secretariat)

**SUMMARY**

This paper discusses the development of the MID Region ATS Route Network, issues pertaining to the changes on ATS routes that form part of the Regional network, amendment process of the ANP Table ATS-1, as well as the comprehensive improvement of the MID ATS route network.

Action by the meeting is at paragraph 3.

**REFERENCES**

- ARN TF/3 Report
- ARN TF/4 Report
- BFRI WG/1&2 Reports
- DGCA MID/1 Report
- MIDANPIRG/12 Report
- PBN/GNSS TF/4 Report

**1. INTRODUCTION**

1.1 The Fourth Meeting of the Performance Based Navigation/Global Navigation Satellite System Task Force (PBN/GNSS TF/4) was held at the ICAO MID Regional Office in Cairo, Egypt, 02 – 04 October 2011. The meeting was attended by a total of twenty-six (26) participants from eight (8) States (Bahrain, Egypt, Jordan, Kuwait, Oman, Qatar, Saudi Arabia, and United Arab Emirates) and one (1) International Organization (IATA).

1.2 The Fourth meeting of Air Traffic Services Route Network Task Force (ARN TF/4) was held in Amman, Jordan, 16-18 May 2011. The meeting was attended by a total of thirty (30) participants, including experts from nine (9) States (Bahrain, Egypt, Jordan, Kuwait, Oman, Qatar, Saudi Arabia, United Arab Emirates and Yemen) and (3) three International Organizations (CANSO, IACA and IATA).

1.3 The third meeting of Air Traffic Services Route Network Task Force (ARN TF/3) was held at the ICAO MID Regional Office in Cairo, Egypt 15 - 17 March 2010, which carried out a comprehensive review of the ANP Table ATS-1 and other issues pertaining to the changes on ATS Routes that form part of the Regional network.

1.4 The Baghdad FIR RVSM Implementation Working Group (BFRI WG/2) Meetings, which addressed the GO NO GO for the implementation of RVSM within Baghdad FIR, was successfully held in Cairo, Egypt 13 - 15 December 2010. The meeting discussed ATS Route proposals that are in connection with the RVSM Implementation.

1.5 The MIDANPIRG/12 meeting, held in Amman, 9-13 October 2010 was attended by a total of seventy six (76) participants, which included experts from twelve (12) States (Bahrain, Egypt, Iraq, Iran (Islamic Republic of), Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia and U.A.E.) and four (4) International Organizations (CANSO, IATA, IFALPA and Jeppesen).

1.6 The DGCA MID/1 was held in Abu-Dhabi UAE 22 – 24 March 2011. The meeting developed 13 Conclusions out of which five are related to ARN/TF meeting.

## 2. DISCUSSION

2.1 The meeting may wish recall that during the review of the Table ATS 1- ATS Route in the ARN TF/3 meeting it was agreed that in order to facilitate the amendment proposal to the Basic ANP Table ATS 1- ATS routes, an additional explanatory *Note 8* be added to Table ATS 1- ATS routes to indicate that an ATS route or part thereof is an RNAV 1 route.

2.2 The meeting may wish to note that the outcome of MIDANPIRG/12 meeting noted that there are a number of States that are not complying with the established procedures for the amendment of the ATS route Network, including the compliance with the AIRAC procedures. The meeting urged those States to adhere to the established ICAO procedures for amendments and establishment of ATS routes that form part of the Regional ATS route network.

2.3 MIDANPIRG/12 meeting also recognized the need to harmonize the implementation of RNAV 5 in the MID Region. In this regard, the meeting noted that a number of States have not yet updated their AIPs to change RNP 5 to RNAV 5. Furthermore, the meeting noted that the RNAV 5 area is implemented in MID FIR's/States with a different base Flight Level (FL150, FL195, FL245, FL280). Accordingly, the meeting agreed to the following Conclusion:

*CONCLUSION 12/9: RNAV 5 IMPLEMENTATION IN THE MID REGION*

*That, States that have not yet done so, be urged to:*

- a) update their AIP to change RNP 5 to RNAV 5; and*
- b) take necessary measures to implement RNAV 5 area in the level band FL 160 - FL460 (inclusive).*

2.4 A State letter Ref.: AN 6/29 – 10/432 Dated 16 December 2010 was sent to States urging them to Promulgate changes by AIRAC date 7 April 2011. The meeting may further wish to note that (Egypt, Iran, Jordan, Oman and UAE) officially replied to the State letter.

2.5 The PBN/GNSS TF/4 meeting, noted that Egypt, Kuwait, Jordan, Oman and UAE had fully implemented the requirements while Bahrain, are ready and waiting for Saudi Arabia who informed the meeting that they are still conducting safety studies and would implement by the end of 2012, *mainly* for the RNAV 5 Implementation in the flight level band FL 160- FL460.

2.6 The meeting may wish to note that the accreditation and the Air Navigation Plan of Israel has been transferred to EUR/NAT Regional Office and agreed to amend the MID Basic ANP Table ATS 1- ATS routes, to remove all references of Israel from the MID Basic ANP Doc 9708.

2.7 The ARN TF/4 meeting reviewed the outcome of the First meeting of Baghdad FIR RVSM Implementation Working Group (BFRI WG/1) and proposals submitted during the ARN TF/3 meeting to relieve congestion and increase capacity, in Baghdad FIR and requested concerned States to review and agree on a reasonable time frame to implement these routes. The results of discussions are summarized as at **Appendix A** to this working paper.

2.8 With regards to the ATS Route proposals submitted by Iran during the ARN TF/3 meeting Bahrain presented a working paper providing solutions to the proposals that require the establishment of two parallel Air Ways and two Boundary points parallel to Positions ALSER and MIDSJ. This solution needs further discussion and agreement by both States. The results of discussions are summarized as at **Appendix B** to this working paper.

2.9 The ARN TF/4 meeting recalled the amendment proposal to the MID BASIC ANP DOC 9708, and the response received from Egypt advising their disapproval for the implementation of the following ATS routes:

- a) **UP 555 (NWB – RASDA)**
- b) **L315 (CAIRO – HURGADA)**
- c) **G183 (NWB – TBA should be removed from the ATS Route as this route has been established as L550.**

2.10 However, Egypt informed the meeting that Military approval has been received for the implementation of ATS Route **L315 (CAIRO – HURGADA)** further coordination is planned with Saudi Arabia for the extension of the Route to **GIBAL**. The ARN TF/4 meeting noted with appreciation the initiative taken by Egypt for the establishment of a temporary Contingency Route Q680 between **SALUN** and position **DBA** in order to avoid difficulties that may be faced during the activation of the no-fly zone over an adjacent FIR to overcome any problems that may arise without hindering Air Traffic in the Region.

2.11 The ARN TF/4 meeting reviewed the Table ATS 1 - ATS Routes and introduced changes to ATS Table 1 – ATS and agreed that there is a need to submit an Amendment proposal to the Basic ANP Doc 9708, the results of changes are summarised as at **Appendix C** to this working paper.

2.12 Based on the above the meeting may wish to note that an amendment proposal of the MID BASIC ANP Table ATS 1- ATS routes Doc 9708 was circulated to States for the required amendment under State letter Ref.: AN 6/5A - 11/190 Dated 18 July 2011. The amendment was approved by ICAO HQ on 23 September 2011 and transmitted to States on 26 September 2011 as at **Appendix D** to this working paper.

2.13 The meeting may wish to note that ICAO MID Regional Office received a response from Egypt requesting for Minor editorial changes to the MID BASIC ANP Table ATS 1- ATS routes Doc 9708 that were made to their AIP on 25 August 2011. Furthermore the MID Regional Office received changes to the ATS Routes from Jordan and Syria that requires the meeting to develop an Amendment proposal to the MID BASIC ANP Table ATS 1- ATS routes Doc 9708, as at **Appendix E** to this working paper.

2.14 The meeting may further wish to note that IATA Europe presented to the Second Special Coordination Meeting for the return of Libyan Airspace to Libya (**SCM-Libya/2**) held in Malta 13 – 14 October 2011 where two proposed ATS Route from the Malta FIR at Fix **AMIBO** that connects with **SIDI Barrani (BRN)** in the Cairo FIR through the Tripoli and Fix **KANAR** with **AMIBO** as at **Appendix F** to this working paper . Libya and Malta indicated their no objections to the proposed Routes. Accordingly the SCM-Libya/2 tasked the Eastern Southern African ICAO Regional Office (ESAF) for preparation of an amendment proposal to the AFI ANP Doc 7474. The SCM-Libya/2 meeting also agreed that the segment **AMIBO – BRN** be added as an extension to ATS Route **UP751** as for the route segment **AMIBO – KANAR** will be arranged by their Office and if not possible then the ICAO MID Office will have to allocate the route designator.

2.15 Based on the above the ICAO ESAF Regional Office developed an amendment proposal for the AFI Basic ANP 7474 through State Letter ES AN 1/10 – 0893 Dated 17 October 2011 as at **Appendix G** to this working paper. The meeting may wish to note that the information on the ATS Routes proposal have been added to **Appendix E** above to be incorporated to the MID BASIC ANP Table ATS 1- ATS routes Doc 9708.

2.16 A side meeting was held between Bahrain, Saudi Arabia, Yemen and IATA, where the following ATS Route proposals were discussed:

- a) New Route DUDRI to TANSU to serve traffic from (Mukallah to Abu – Dhabi and Dubai) where Bahrain will study the proposal and provide feedback to Yemen.
- b) Bahrain and Saudi Arabia briefly discussed some changes to the direction of ATS routes A145, A791 UL768 and UP559, both States further discussed the establishment of new ATS routes between their FIR's.
- c) Based on (b) above it was agreed that Bahrain will submit to GACA ATM a detailed description of the ATS routes at their planned meeting in Jeddah end of May 2011 for further studies by Saudi Arabia.
- d) IATA discussed ATS route UB411 with Saudi Arabia and will provide their input on benefits and savings. Further discussions with Egypt will be required to enable the shortening of ATS route for East bound traffic.
- e) Yemen discussed with Saudi Arabia the establishment the following routes:
  - 1) **Mukallah** (RIN) to **Sharurah** (SHA) or **Sayun** (SYN) to **Sharurah** (SHA);
  - 2) **Mukallah** (RIN) to **Riyadh** (KIA) or **THAMD** to **ASTIN**; and
  - 3) to re-align UP323 from **THAMD** to **BISHA** instead of **ALNES-WDR** detailed proposal will be submitted to GACA ATM by Yemen.

2.17 The ARN TF/4 meeting noted the outcome of the DGCA-MID/1 meeting related to ATS Route structure in the MID Region and recognised the need for rationalization of the ATS route in the Region and that a radical review of the ATS route network had to be carried out based on the definition of City Pairs, Flexible Use of Airspace (FUA) and Performance Based Navigation (PBN) concepts to address Airspace capacity limitation; as the current constraints limit capacity and force inefficient routings. In addition, civil and military airspace sharing agreements are needed to better balance airspace distribution.

2.18 The ARN TF/4 meeting noted that CANSO conducted a study aiming to undertake a Middle East Regional Airspace Review (MIDRAR) in coordination with, and with the support of ICAO and Member States of the Middle East Region, in accordance with the “UAE Declaration” signed during the CANSO High Level Meeting in Abu Dhabi on 17 January 2011. It was highlighted that the scope of MIDRAR will include the researching, planning, developing and implementing measurable airspace capacity enhancements. The meeting further noted that MIDRAR will identify Quick-Wins as well as long-term aspirations for improved operating efficiencies within the homogenous ATM area of the MID Region.

2.19 The meeting may wish to note that the MIDRAR builds on the valuable work already undertaken by ICAO and ANSPs by taking a collaborative regional approach.

2.20 The ARN TF/4 meeting recognised MIDRAR as a key project of the CANSO Middle East Region aiming to deliver the short, medium and long term recommendations for the implementation of Regional solutions through the conduct of an airspace review, gap analysis, recommendations, opportunities and solutions for remedial action in close cooperation between all Stakeholders involved. The meeting acknowledge that all concerned fully contribute to this study through the provision of data, information, resources and MID States assistance in the implementation phase.

2.21 The ARN TF/4 meeting agreed that MID States designate MIDRAR focal points. Additionally the meeting agreed to designate the ARN TF chairperson to act as a focal point for MIDRAR who will address all collaborative actions that should be taken at MID network level (Concerned ANSPs) to enhance and make the best use of the ATM capacity, in a cost-effective manner. It will also address the capacity enhancement actions at State and Regional levels with a phased approach covering short, medium and long terms. The ARN TF/4 meeting agreed to add to the ARN TF Agenda another Agenda Item in order to allow CANSO provide the ARN TF/5 meeting with a Review and an update of Regional Activities that have been carried out by CANSO for the MID Region, the updated Provisional Agenda for the ARN TF/5 meeting is at **Appendix H** to this working paper.

2.22 The ARN TF/4 meeting supported the DGCA – MID/1 conclusion 1/3 and requested States to work according to its context to achieve the MIDRAR goals.

2.23 The ARN TF/4 meeting re-iterated that the formal approval of the amendments to the ATS Route Network is the responsibility of ICAO and accordingly, the procedure for amendment of the Basic Air Navigation Plan, as approved by the ICAO Council, should be respected. Furthermore the need for following ICAO established procedures and format for the amendment of the MID Basic ANP by States for their required ATS route changes, as at **Appendix I** to this working paper

2.24 The ARN TF/4 meeting stressed on the importance of the ATS Route Catalogue where proposals are included for further consideration/processing, in the near term or future, until such time these proposals have been processed as amendments to Table ATS-1 and approved by the ICAO Council, or agreed to be removed from the Catalogue for such reasons as being improbable, overtaken by events, or replaced by an agreed alternative. The Catalogue will be used to record and track the routes' development, and will as such be a living document updated at relevant meetings by the Secretariat as requested. It shall not be the purpose or intention of the *MID ATS Route Catalogue*, to duplicate the ANP Table ATS-1 or its purpose.

2.25 The meeting may wish to note that the MID ATS Route Catalogue has been revised and established with one numbering system for future ease of reference.

2.26 The ARN TF/4 meeting reviewed, updated and discussed the information in the MID ATS Route Catalogue as at **Appendices J** and **K** to this working paper.

2.27 The ARN TF/4 meeting reviewed the information contained in the outcome of the iFLEX Workshop, and requested that routes relating to the MID Region to be added to the ATS Route Catalogue.

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information presented in this paper and it's **Appendices** ;
- b) review and update the ATS-1 Route Table as at **Appendix D**
- c) review and update the MID ATS route catalogue as at **Appendix K**; and
- d) agree to the following Draft Conclusion:

***DRAFT CONCLUSION 12/A: PROPOSAL FOR AMENDMENT TO THE MID BASIC ANP ATS-1 TABLE***

*That, the ICAO MID Regional Office issue a proposal for amendment to the MID Basic ANP Doc 9708 in order to update the ATS-1 Table as at **Appendix E** to this working paper .*

-----

APPENDIX A

ATS ROUTE PROPOSALS MADE BY IRAQ DURING THE BFRI WG AND ARN TF/3 AND UPDATED BY ARN TF/4 MEETINGS

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION	REMARKS
<b>M320 (KUWAIT – MOBIS - RAPLU)</b>	<ul style="list-style-type: none"> <li>- Not supported by Kuwait at present</li> <li>- Needs further studies</li> <li>- Route was further discussed in the ARN TF/3, and</li> <li>- Kuwait requested additional time to examine the proposal for the establishment of the ATS route.</li> </ul>	<ul style="list-style-type: none"> <li>- Still not supported by Kuwait</li> </ul>
<b>W3 (MUTEN-SODUG)</b>	<ul style="list-style-type: none"> <li>- Not supported by Turkey</li> <li>- Iraq to withdraw this route from the AIP</li> <li>- Iraq to further coordinate with Turkey and Iran</li> <li>- Was referred to the ARN TF/3; and</li> <li>- <b>Route was removed from Iraq AIP</b></li> </ul>	<ul style="list-style-type: none"> <li>- <b>Differed for the future.</b></li> </ul>
<b>A424 (LOTAN-LOVEK)</b>	<ul style="list-style-type: none"> <li>- Saudi Arabia has no objections to extend the route in Baghdad FIR</li> <li>- Proposed AIRAC date 1 July 2010</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Saudi Arabia still has no objections to check with Iraq for new implementation and coordination dates</b></li> </ul>
<b>G665 (ABADAN-ARAR)</b>	<ul style="list-style-type: none"> <li>- To be referred to the ARN TF/3 meeting for further discussions</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Not discussed as both Iran and Iraq were not present in the meeting</b></li> </ul>
<b>UT888 (NINVA-SIDAD)</b>	<ul style="list-style-type: none"> <li>- <b>Route was established as UM688 after ANP approval to be closed</b></li> </ul>	<ul style="list-style-type: none"> <li>- <b>To be removed from ATS Route Catalogue</b></li> </ul>
<b>R784 (KABAN-MOBIS)</b>	<ul style="list-style-type: none"> <li>- <b>Route was established as UM860 after ANP approval to be closed</b></li> </ul>	<ul style="list-style-type: none"> <li>- <b>To be removed from ATS Route Catalogue</b></li> </ul>
<b>G669 (NISER - SOLAT)</b>	<ul style="list-style-type: none"> <li>- Not supported by Kuwait at present</li> <li>- Kuwait will carry out further study</li> <li>- Was referred to the ARN TF/3 meeting and discussed</li> <li>- Kuwait requested additional time.</li> <li>- Saudi Arabia has no objection to open the Route G669) as proposed by Iraq as the segment in Jeddah FIR is already implemented.</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Still not supported by Kuwait due Military restrictions</b></li> <li>- <b>Proposed to delete segment in Saudi Arabia ;</b></li> <li>- <b>Saudi Arabia Objected to the proposal;</b></li> <li>- <b>Kuwait was requested to expedite approval request to implement route</b></li> </ul>

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION	REMARKS
<b>J222 (ALSOX - SOKAD)</b>	<ul style="list-style-type: none"> <li>- Not supported by Syria</li> <li>- ATS route J222 is in close proximity with ATS route UR785 that would cause traffic conflict</li> <li>- Iraq was asked to reconsider to join the ATS route with G202 and change the route designator.</li> <li>- Was referred to the ARN TF/3 meeting and discussed</li> <li>- Syria to review the proposal and will inform ICAO.</li> </ul>	<ul style="list-style-type: none"> <li>- Not discussed as both Iraq and Syria were not present in the meeting.</li> </ul>
<b>W8 (DEIR - ZZOR - SANANDAJ)</b>	<ul style="list-style-type: none"> <li>- Syria to discuss proposal with Military</li> <li>- Was referred to the ARN TF/3 meeting, and</li> <li>- Syria requested additional time to examine the proposal for the establishment of the ATS route.</li> <li>- <b>Route was removed from Iraq AIP</b></li> </ul>	<ul style="list-style-type: none"> <li>- Not discussed as both Iraq and Syria were not present in the meeting.</li> </ul>
<b>UL602 (ELEXI – DEIR - ZZOR)</b>	<ul style="list-style-type: none"> <li>- Syria requested additional time to examine the communication requirements by concerned FIR's.</li> <li>- Once the communication issues are resolved it is expected that the ATS route will be implemented.</li> </ul>	<ul style="list-style-type: none"> <li>- Not discussed as both Iraq and Syria were not present in the meeting.</li> </ul>
<b>G667 (ABADAN - ALSAN)</b>	<ul style="list-style-type: none"> <li>- Not supported by Kuwait at present.</li> <li>- Kuwait requested additional time to examine the proposal.</li> <li>- Iraq requested that Airway be suspended until adequate radar coverage exists and RVSM has been implemented in the Baghdad (FIR).</li> </ul>	<ul style="list-style-type: none"> <li>- Still not supported by Kuwait due Military restrictions</li> <li>- Kuwait was requested to expedite approval request to implement route.</li> </ul>
<b>R652 (OVANO - DAXAN)</b>	<ul style="list-style-type: none"> <li>- Not supported by Jordan and Saudi Arabia.</li> <li>- Refer the ATS route to the MID/RMA for further studies and analysis of passing frequency.</li> <li>- ATS route R652 is in close proximity with ATS route UR785 and fix (OTILA) that would cause traffic conflict.</li> </ul>	<ul style="list-style-type: none"> <li>- Jordan and Saudi Arabia requested that Iraq to drop the proposal</li> <li>- The discussion was to be deferred for the future to have Iraq's Agreement.</li> </ul>

-----



## APPENDIX B

## ATS ROUTE PROPOSALS MADE BY IRAN DURING THE ARN TF/3 AND AS UPDATED BY THE ARN TF/4 MEETING

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION	REMARKS
MIDSI - IMDAT	<ul style="list-style-type: none"> <li>- Bahrain requested additional information regarding the connection of (MIDSI - IMDAT) before considering the proposal.</li> <li>- Bahrain presented a working paper providing solutions to the proposals that require the establishment of two parallel Air Ways and two Boundary points parallel to Positions ALSER and MIDSI</li> </ul>	<ul style="list-style-type: none"> <li>- This solution needs further discussion and agreement by both States.</li> <li>- Bahrain to advise ICAO MID Regional Office of the outcome since Iran was not available in the meeting.</li> </ul>
MIDSI - DASDO	<ul style="list-style-type: none"> <li>- Bahrain informed the meeting that they had discussed (MIDSI - DASDO) with Iran. The volume of traffic at MIDSI has exceeded the passing frequency limits. Bahrain proposed a second boundary point to create a uni-directional route. The proposal is to be subject to bi-lateral discussions between Bahrain and Iran</li> <li>- Bahrain presented a working paper providing solutions to the proposals that require the establishment of two parallel Air Ways and two Boundary points parallel to Positions ALSER and MIDSI</li> </ul>	<ul style="list-style-type: none"> <li>- This solution needs further discussion and agreement by both States.</li> <li>- Bahrain to advise ICAO MID Regional Office of the outcome since Iran was not available in the meeting..</li> </ul>
KUMUN – PAPAR with DAPER – SYZ	<ul style="list-style-type: none"> <li>- The UAE registered its disagreement on the proposal of Iran to amend the replacement of points KUMUN – PAPAR with DAPER – SYZ for the following reasons: <ul style="list-style-type: none"> <li>• KUMUN - PAPAR has been unavailable since December 2006 as a result of a unilateral decision by Iran, in contravention of the LOA.</li> <li>• The route remains a UAE requirement to permit safe traffic handling without a substantial detour via DARAX.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- No change to status</li> </ul>

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION	REMARKS
	<ul style="list-style-type: none"> <li>• Contradictory coordinates have been stated for position DAPER – one of them being in Jeddah (FIR) and another would result in a head-on flow for inbound traffic to Dubai/Sharjah.</li> <li>• Rather than being deleted, A418/UA418/UP574 should be reinstated in accordance with the LOA</li> </ul>	
<b>KANAS - GOKSO to PG) and (BND - ORBIX</b>	<ul style="list-style-type: none"> <li>- Consideration of the route proposals (KANAS - GOKSO to PG) and (BND - ORBIX) did not take place.</li> <li>- State letter was sent to Oman seeking approval for the two proposed Route and a no objection was received.</li> <li>- Both Routes have been added to the Basic ANP Doc 9708.</li> <li>- For KANAS – GOSKO ATS route designator M316 was issued.</li> <li>- For BND – ORBIX, ATS route designator L430 was issued.</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Waiting for Iran to establish the routes</b></li> </ul>
<b>PEKES - ANK) and (GIBAB - UMH</b>	<ul style="list-style-type: none"> <li>- Consideration of the route proposals (PEKES - ANK) and (GIBAB - UMH) did not take place</li> </ul>	<ul style="list-style-type: none"> <li>- <b>No change in status</b></li> </ul>

-----

**APPENDIX C**

**Table ATS 1 – ATS Routes Notes**

<b>DESCRIPTION OF ATS ROUTE PROPOSAL</b>	<b>DECISION</b>
<b>Israel</b>	- To be removed from the MID ANP Doc 9708
<b>A412</b>	- <i>Remove Note 4</i> from ANP
<b>A413</b>	- Delete from ANP
<b>A414</b>	- To be deleted
<b>A791</b>	- Bahrain and Saudi Arabia briefly discussed some changes to the direction of ATS routes A145, A791 UL768 and UP559, both States further discussed the establishment of new ATS routes between their FIR's. - Based on the above it was agreed that Bahrain will submit to GACA ATM a detailed description of the ATS routes at their planned meeting in Jeddah end of May 2011 for further studies by Saudi Arabia.
<b>B406</b>	- To be deleted
<b>B412</b>	- Segment DAM – ASH – HLF not achievable agreed to be moved to ATS Route Catalogue.
<b>B505</b>	- To be extended from EGATL to PASNI
<b>G183</b>	- Delete NWB from route
<b>G662</b>	- BUSRA – GURAIT implementation date 2-June-2011, Jordan. - Remove DAM and Note 1 and 3 from ANP
<b>G663</b>	- Optimization of ATS route between Riyadh <b>SILNO</b> and King Fahad is required.
<b>G799</b>	- Same route designator as UL573 Saudi Arabia to review and advice which route designator to keep.
<b>L200</b>	- Re-alignment 2- June- 2011 Jordan - Iraq changed location of FIX PASIP without coordination follow up required.
<b>L315</b>	- Approved for implementation June 2011 Egypt, - To discuss with Saudi Arabia on the route direction
<b>L443</b>	- RNAV 1 Route not Implemented Qatar
<b>L513</b>	- Amend ANP by removing KAD/CAK and extend LEBOR to MURAK. Due duplication of N1 in EUR/NAT Region.
<b>M425</b>	- Implemented by Lebanon upon request from ICAO MID due duplication of M4 in EUR/NAT Region - To be added to ANP Amendment.
<b>UM690</b>	- Planned Implementation date 2 – June 2011
<b>P/UP302</b>	- To be removed from ANP

<b>DESCRIPTION OF ATS ROUTE PROPOSAL</b>	<b>DECISION</b>
<b>P/UP425</b>	- Not implemented Bahrain
<b>UP555</b>	- To be removed from the ANP and to be added to the ATS Route Catalogue
<b>P693</b>	- Used as Contingency route during Gulf War delete the route
<b>R219</b>	- To be removed re-designated as UM691
<b>UR219</b>	- Proposed to rename to UL768 from OTILA to FIRAS to avoid ambiguity, duplication and to harmonize the route - Syria not present
<b>R652</b>	- METZA QATRINA remove AQABA from ANP
<b>R659</b>	- DOH BAT planned for implementation as a timed out route Qatar - Portion PURDA – SHA – ATBOT not implemented by Saudi Arabia - Requested support of Saudi Arabia to look into implementing the route from BAT direct to RAGNI

-----

## APPENDIX D

### TABLE ATS 1 – ATS ROUTES TABLEAU ATS 1 – ROUTES ATS TABLA ATS 1 – RUTAS ATS

#### EXPLANATION OF THE TABLE

#### Column

- 1** Designator of ATS route.
- 2** Significant points defining the ATS routes. Only prominent locations have been listed. Additional points where facilities are provided to complete navigational guidance along a route, but not otherwise marking significant characteristics of the route (change of heading of centre line, intersection with other routes, etc.) have normally not been included. Locations shown in parentheses indicate significant points outside the Region.

*Note 1.* Not representing the operator's requirements. Operator's required route and/or nav aids are shown in square brackets ([ ]).

*Note 2.* Subject to further study. Including the associated navigation aid coverage.

*Note 3* Subject to military agreement.

*Note 4.* Not acceptable at present.

*Note 5.* At present, implementation possible only during specific periods (e.g. weekends, nights, etc., as published).

*Note 6.* At present, implementation of the RNAV route only possible above FL 300, or as published.

*Note 7.* Unidirectional use.

*Note 8.* For ATS route or part thereof is RNAV 1

Whenever reference to name States is made in Table ATS 1 in connection with the above notes, the following abbreviations, based on those indicated in Location Indicators (Doc 7910), are used:

HE	Egypt	OK	Kuwait
HL	Libyan Arab Jamahiriya	OL	Lebanon
HS	Sudan	OM	United Arab Emirates
<del>IL</del>	<del>Israel</del>	OO	Oman
OB	Bahrain	OR	Iraq
OE	Saudi Arabia	OS	Syrian Arab Republic
OI	Iran, Islamic Republic of	OT	Qatar
OJ	Jordan	OY	Yemen

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**A1** METRU 340000N 0250900E  
 SOKAL 323601N 0273706E  
 KATEX 320701N 0282436E  
 BOPED 312939N 0292655E  
 ALEXANDRIA (AXD) 311113N  
 0295701E  
 MENKU 310531N 0301806E  
 CAIRO (CVO) 300532N  
 0312318E

**UA1** METRU 340000N 0250900E  
 SOKAL 323601N 0273706E  
 KATEX 320701N 0282436E  
 BOPED 312939N 0292655E  
 ALEXANDRIA (AXD) 311113N  
 0295701E  
 MENKU 310531N 0301806E  
 CAIRO (CVO) 300532N 0312318E

**A16** RASDA 330600N 0305700E  
 MILAD 320201N 03104406E  
 BALTIM (BLT) 313144N  
 0311035E  
 DEGDI 311429N 0311035E  
 CAIRO (CVO) 300532N  
 0312318E

**UA16** RASDA 330600N 0305700E  
 MILAD 320201N 03104406E  
 BALTIM (BLT) 313144N  
 0311035E  
 DEGDI 311429N 0311035E  
 CAIRO (CVO) 300532N 0312318E

**A145** PLH 3513.7N 02340.9E  
 SALUN 340000N 0242700E \*  
 BRN 3134.5N 02600.3E  
 KHG 2526.9N 03035.4E  
 (LUXOR) 2445.0N 03246.1E  
 IMRAD 260500N 0354400E  
 WEJH 2610.8N 03629.3E  
 HLF 262600N 03916.1E  
 GASSIM 2617.9N 04346.8E  
 MGA 2617.3N 04712.4E  
 ALMAL 2615.9N 04821.1E  
 KING FAHD 2621.9N 04949.2E

**UA145** PLH 3513.7N 02340.9E  
 SALUN 340000N 0242700E \*  
 BRN 3134.5N 02600.3E  
 KHG 2526.9N 03035.4E  
 (LUXOR) 2445.0N 03246.1E  
 IMRAD 260500N 0354400E  
 WEJH 2610.8N 03629.3E  
 HLF 262600N 03916.1E  
 GASSIM 2617.9N 04346.8E  
 MGA 2617.3N 04712.4E  
 ALMAL 2615.9N 04821.1E  
 KING FAHD 2621.9N 04949.2E

**A408** (ADDIS ABABA) GWZ  
 SALEH 140000N 0420000E  
 ORNIS 1416.2N 04236.9E  
 HODEIDAH 1446.4N 04259.2E

**UA408** (ADDIS ABABA) GWZ  
 SALEH 140000N 0420000E  
 ORNIS 1416.2N 04236.9E  
 HODEIDAH 1446.4N 04259.2E

**A411** (CAIRO) 3005.5N 03123.3E  
 MENLI 2947.0N 03152.1E  
 KAMIS 2917.0N 03236.1E  
 SHARM EL SHEIKH  
 PASAM 2730.8N 03455.7E

**UA411** (CAIRO) 3005.5N 03123.3E  
 MENLI 2947.0N 03152.1E  
 KAMIS 2917.0N 03236.1E  
 SHARM EL SHEIKH  
 PASAM 2730.8N 03455.7E

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**\*Note 7(OE)**

**WEJH 2610.8N 03629.3E**  
**MUVAT 2537.9N 03654.8E**  
**YEN 2409.0N 03802.3E**  
~~**PURGA 2336.3N 03817.4E**~~  
~~**MOSIM 2236.2N 03844.9E**~~  
**JDW 2140.7N 03910.0E**  
~~**GINDI 2053.4N 03949.6E**~~  
~~**NABEL 2001.9N 04032.1E**~~  
**QUN 1922.2N 04104.5E**  
**TALIB 1838.9N 04131.2E**  
**GIZ 1654.5N 04234.7E**  
**NABAN 1631.4N 04301.8E**  
**IMSIL 1557.6N 04313.2E**  
**SAA 1530.0N 04413.2E**

**\*Note 7(OE)**

**WEJH 2610.8N 03629.3E**  
**MUVAT 2537.9N 03654.8E**  
**YEN 2409.0N 03802.3E**  
~~**PURGA 2336.3N 03817.4E**~~  
~~**MOSIM 2236.2N 03844.9E**~~  
**JDW 2140.7N 03910.0E**  
~~**GINDI 2053.4N 03949.6E**~~  
~~**NABEL 2001.9N 04032.1E**~~  
**QUN 1922.2N 04104.5E**  
**TALIB 1838.9N 04131.2E**  
**GIZ 1654.5N 04234.7E**  
**NABAN 1631.4N 04301.8E**  
**IMSIL 1557.6N 04313.2E**  
**SAA 1530.0N 04413.2E**

**A412 TANF**  
**\*Note 4(OJ)**  
**ZELAF 325656N 0371121E**  
**DAXEN 324444N 0374105E**  
**ASLON 321211N 0365111E**  
~~**NADEK 322728N 0371429E**~~  
**KUPRI 320825N 0364530E**  
**LUDAN 320256N 0363713E**  
**QAA 314423N 0360926E**

**UA412 TANF**  
**\*Note 4(OJ)**  
**ZELAF 325656N 0371121E**  
**DAXEN 324444N 0374105E**  
**ASLON 321211N 0365111E**  
~~**NADEK 322728N 0371429E**~~  
**KUPRI 320825N 0364530E**  
**LUDAN 320256N 0363713E**  
**QAA 314423N 0360926E**

**A413 ~~TESSO 2828.9N 04927.4E~~**  
~~**VUXAL 2835.5N 04946.1E**~~

**UA413 ~~TESSO 2828.9N 04927.4E~~**  
~~**VUXAL 2835.5N 04946.1E**~~

**A414 ~~GITLA 3219.1N 03402.8E~~**  
~~**(SIFIA)**~~

**UA414 ~~GITLA 3219.1N 03402.8E~~**  
~~**(SIFIA)**~~

**A415 KING KHALID**  
**HSA 2516.7N 04929.0E**  
**DOHA**  
**\* Note 5(OE,OB)**  
**SHARJAH**

**UA415 KING KHALID**  
**HSA 2516.7N 04929.0E**  
**DOHA**  
**\* Note 5(OE,OB)**  
**SHARJAH**

**A416 TABRIZ (TBZ)**  
~~**ARDABIL (ARB)**~~  
~~**RASHT (RST)**~~

**UA416 TABRIZ (TBZ)**  
~~**ARDABIL (ARB)**~~  
~~**RASHT (RST)**~~

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**RAMSAR (RSR)**  
**NOSHAHR (NSR)**  
**DASHTE NAZ (DNZ)**  
**SABZEVAR (SBZ)**  
**MASHHAD (MSD)**  
**SOKAM 331316N 0603754E**

**RAMSAR (RSR)**  
**NOSHAHR (NSR)**  
**DASHTE NAZ (DNZ)**  
**SABZEVAR (SBZ)**  
**MASHHAD (MSD)**  
**SOKAM 331316N 0603754E**

**A417 PUTRA 165432N 0525631E**  
**LOTEL 180926N0514103E**  
**IMPOS 183136N 0511848E**  
**SILPA 184953N 0510158E**  
**ASTIN 200410N 0495320E**  
**NONGA 205048N 0492014E**  
**ALRIK 220631N 0482535E**  
**AMBAG 230529N 0474611E**  
**RESAL 240649N 0470427E**  
**KIA 245310N 0464534E**

**UA417 PUTRA 165432N 0525631E**  
**LOTEL 180926N0514103E**  
**IMPOS 183136N 0511848E**  
**SILPA 184953N 0510158E**  
**ASTIN 200410N 0495320E**  
**NONGA 205048N 0492014E**  
**ALRIK 220631N 0482535E**  
**AMBAG 230529N 0474611E**  
**RESAL 240649N 0470427E**  
**KIA 245310N 0464534E**

**A418 KUMUN 254000N 0551515E**  
**PAPAR 2640N 05427E**  
**\* Note 7**  
**Segment KUMUN-PAPAR**  
**(OI and OM)**  
**SHIRAZ (SYZ)**

**UA418 KUMUN 254000N 0551515E**  
**PAPAR 2640N 05427E**  
**\* Note 7**  
**Segment KUMUN-PAPAR**  
**(OI and OM)**  
**SHIRAZ (SYZ)**

**A419 (ASHGABAT)**  
**RIKOP 3740.0N 05814.8E**  
**SABZEVAR (SBZ)**  
**TABAS (TBS)**  
**DARBAND (DAR)**  
**KERMAN (KER)**  
**BANDAR ABBAS (BND)**  
**DARAX 260942N 0555300E**  
**SHARJAH**  
**MIADA 245112N 0545736E**  
**ADV 2425.1N 05440.4E**  
**MUSEN 2414.6N 05432.6E**  
**GOLGU 231051N 0523109E**  
**KITAP 224928N 0522923E**  
**PURDA 210805N 0510329E**  
**ASTIN 200410N 0495320E**  
**KUTMA 182927N 0481202E**  
**SHARURAH (SHA)**

**UA419 (ASHGABAT)**  
**RIKOP 3740.0N 05814.8E**  
**SABZEVAR (SBZ)**  
**TABAS (TBS)**  
**DARBAND (DAR)**  
**KERMAN (KER)**  
**BANDAR ABBAS (BND)**  
**DARAX 260942N 0555300E**  
**SHARJAH**  
**MIADA 245112N 0545736E**  
**ADV 2425.1N 05440.4E**  
**MUSEN 2414.6N 05432.6E**  
**GOLGU 231051N 0523109E**  
**KITAP 224928N 0522923E**  
**PURDA 210805N 0510329E**  
**ASTIN 200410N 0495320E**  
**KUTMA 182927N 0481202E**  
**SHARURAH (SHA)**



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**SANA'A  
HODEIDA**

**A422 UROMIYEH (UMH)  
SETNA 3756.3N 04555.4E  
TABRIZ  
PARSABAD (PAD)  
PARSU 3937.8N 04804.8E  
KARAD 4014.3N 04929.5E  
(BAKU)**

**A424 LOVEK 322208N 04440 01E  
LOTAN 2959.7N 04338.8E  
RAFHA  
HAIL  
MADINAH (PMA)  
ASTOL 2255.0N 03935.2E  
KING ABDULAZIZ (JDW)**

**A453 PIRAN 2934.1N 06128.1E  
ZAHEDAN (ZDN)  
BANDAR ABBAS (BND)  
GHESHM (KHM)  
BANDAR LENGEH (LEN)  
KISH  
MIDSI 2641.7N05152.5E  
TOBLI 262134N0512301E  
OTATA 261843N0510052E  
BAHRAIN  
\* Note 7 (OB, OI)  
PEBOS 262722N0503043E  
RULEX 264529N0501745E  
ALVUN 271028N0494455E  
SOLEM 275229N0491136E  
KUMBO 281705N0495526E  
AWADI 2834.5N 04843.9E  
DEBTI 2844.1N 04829.4E  
KUA 2913.1N 04759.1E**

**A454 (KC) 2454.6N 06710.6E  
BEGIM 2443.0N 06700.0E**

**SANA'A  
HODEIDA**

**UA422 UROMIYEH (UMH)  
SETNA 3756.3N 04555.4E  
TABRIZ  
PARSABAD (PAD)  
PARSU 3937.8N 04804.8E  
KARAD 4014.3N 04929.5E  
(BAKU)**

**UA424 LOVEK 322208N 04440 01E  
LOTAN 2959.7N 04338.8E  
RAFHA  
HAIL  
MADINAH (PMA)  
ASTOL 2255.0N 03935.2E  
KING ABDULAZIZ (JDW)**

**UA453 PIRAN 2934.1N 06128.1E  
ZAHEDAN (ZDN)  
BANDAR ABBAS (BND)  
GHESHM (KHM)  
BANDAR LENGEH (LEN)  
KISH  
MIDSI 2641.7N05152.5E  
TOBLI 262134N0512301E  
OTATA 261843N0510052E  
BAHRAIN  
\* Note 7 (OB, OI)  
PEBOS 262722N0503043E  
RULEX 264529N0501745E  
ALVUN 271028N0494455E  
SOLEM 275229N0491136E  
KUMBO 281705N0495526E  
AWADI 2834.5N 04843.9E  
DEBTI 2844.1N 04829.4E  
KUA 2913.1N 04759.1E**

**UA454 (KC) 2454.6N 06710.6E  
BEGIM 2443.0N 06700.0E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**\* Note 7 (OO, OP)**

**MELOM 2505.0N 06632.0E**  
**PUNEL 2520.0N 06523.0E**  
**PARET 2527.2N 06451.5E**  
**TAPDO 242400N 0612000E**  
**VUSET 235540N 0590812E**  
**PASOV 243841N 0565037E**

**\* Note 7 (OO, OP)**

**MELOM 2505.0N 06632.0E**  
**PUNEL 2520.0N 06523.0E**  
**PARET 2527.2N 06451.5E**  
**TAPDO 242400N 0612000E**  
**VUSET 235540N 0590812E**  
**PASOV 243841N 0565037E**

**A727 (PAXIS 3357.1N 02720.0E**  
**OTIKO 3134.3N 02936.6E**  
**ALEXANDRIA (AXD)**  
**MENKU 3105.5N 03018.1E**  
**CAIRO (CVO)**  
**LUXOR (LXR)**  
**ABU SIMBLE (SML)**  
**NUBAR 220000N 03118.1E**  
**MEROWE (MRW)**  
**KHARTOUM (KTM)**  
**KENANA (KNA)**  
**LODWAR (LOV)**  
**NAKURU (NAK)**  
**NAIROBI (NV)**  
**KILIMANJARO (KV)**

**UA727 (PAXIS 3357.1N 02720.0E**  
**OTIKO 3134.3N 02936.6E**  
**ALEXANDRIA (AXD)**  
**MENKU 3105.5N 03018.1E**  
**CAIRO (CVO)**  
**LUXOR (LXR)**  
**ABU SIMBLE (SML)**  
**NUBAR 220000N 03118.1E**  
**MEROWE (MRW)**  
**KHARTOUM (KTM)**  
**KENANA (KNA)**  
**LODWAR (LOV)**  
**NAKURU (NAK)**  
**NAIROBI (NV)**  
**KILIMANJARO (KV)**

**UA775 REXOD 211230N 0613830E**  
**TUMET 222307N 0595702E**  
**IMDEK 224647N 0592217E**  
**OBTIN 230216N 0585920E**  
**KUSRA 231726N 0585102E**

**A777 TONVO 250500N 0563200E**  
**BUBAS 245938N 05700 03E**  
**\* Note 7 (OO)**  
**NADSO 244957N 0574926E**  
**MUNGA 242516N 0584533E**  
**MIXOL 240618N 0592739E**  
**VAXIM 231900N 0611100E**

**A788 HALAIFAH**  
**HAIL**  
**HAFR AL BATIN (HFR)**  
**\*Note 7**  
**WAFRA 2837. 3N 04757. 5E**

**UA788 HALAIFAH**  
**HAIL**  
**HAFR AL BATIN (HFR)**  
**\*Note 7**  
**WAFRA 2837. 3N 04757. 5E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

	<b>PATIR 285606N 0492923E KHARK (KHG) SHIRAZ</b>		<b>PATIR 285606N 0492923E KHARK (KHG) SHIRAZ</b>
<b>A791</b>	<b>MENLI 2947.0N 03152.1E SISIK 2936.0N 03241.E NUWEIBAA KITOT 2902.1N 03450.8E *Note 7 (OE) SOBAS 2756.0N 03904.9E HAIL BPN 2703.2N 04526.7E KING FAHD BAHRAIN *Note 7 Bahrain- LOTIT 264856N0511237E NADAM 255854N 0533933E SHARJAH (SHJ) 2519.7N 05531.3E IMLOT 2517.1N 05708.1E KANAS 2515.9N 05747.0E DIVAB 2510.7N 05952.1E EGPIC 2508.6N 06029.5E (JIWANI) LATEM 2431.7N 06449.7E</b>	<b>UA791</b>	<b>MENLI 2947.0N 03152.1E SISIK 2936.0N 03241.E NUWEIBAA KITOT 2902.1N 03450.8E *Note 7 (OE) SOBAS 2756.0N 03904.9E HAIL BPN 2703.2N 04526.7E KING FAHD BAHRAIN *Note 7 Bahrain- LOTIT 264856N0511237E NADAM 255854N 0533933E SHARJAH (SHJ) 2519.7N 05531.3E IMLOT 2517.1N 05708.1E KANAS 2515.9N 05747.0E DIVAB 2510.7N 05952.1E EGPIC 2508.6N 06029.5E (JIWANI) LATEM 2431.7N 06449.7E</b>
<b>B12</b>	<b>TANSA 340000N 0264900E SOKAL 323601N 0273706E EL DABA (DBA) 310041N 0282801E KATAB 292501N 0290506E BOPOS 264318N 0300722E DEPNO 262438N 0301413E EL KHARGA (KHG) 252654N 0303527E ABU SIMBEL (SML) 222118N 0313719E</b>	<b>UB12</b>	<b>TANSA 340000N 0264900E SOKAL 323601N 0273706E EL DABA (DBA) 310041N 0282801E KATAB 292501N 0290506E BOPOS 264318N 0300722E DEPNO 262438N 0301413E EL KHARGA (KHG) 252654N 0303527E ABU SIMBEL (SML) 222118N 0313719E</b>
<b>B121</b>	<b>RUDESHUR (RUS) RASHT (RST) MAGRI 385408N 0462300E</b>	<b>UB121</b>	<b>RUDESHUR (RUS) RASHT (RST) MAGRI 385408N 0462300E</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**B400** MUSCAT (MCT)  
ITURA 232351N 0580720E  
IZKI (IZK)  
HAIMA (HAI)  
ASTUN 180832N0551040E  
DAXAM 171612N 0544715E  
MUTVA 165325N 0543201E  
IMKAD 155245N 0535147E  
NODMA 152603N 0533358E  
RIGAM 143932N 0530414E  
RAPDO 132317N 0521532E  
VEDET 120134N 0512410E  
(MOGADISHU)

**UB400** MUSCAT (MCT)  
ITURA 232351N 0580720E  
IZKI (IZK)  
HAIMA (HAI)  
ASTUN 180832N0551040E  
DAXAM 171612N 0544715E  
MUTVA 165325N 0543201E  
IMKAD 155245N 0535147E  
NODMA 152603N 0533358E  
RIGAM 143932N 0530414E  
RAPDO 132317N 0521532E  
VEDET 120134N 0512410E  
(MOGADISHU)

**UB403** MANDERA  
BOMIX 121002N 0502757E  
ODBEN 123747N 0505648E  
KAVAN 133250N 0515431E  
RIGAM 143932N 0530414E

**B404** HARGA (HARGEISA)  
DEMGO 120258N 0483040E  
PURKA 131208N 0503042E  
GESIX 134440N 0512823E  
RIGAM 143932N 0530414E

**UB404** HARGA (HARGEISA)  
DEMGO 120258N 0483040E  
PURKA 131208N 0503042E  
GESIX 134440N 0512823E  
RIGAM 143932N 0530414E

**B406** ~~BEN GURION (BGN)~~  
(LARNACA)

**UB406** ~~BEN GURION (BGN)~~  
(LARNACA)

**B407** KING ABDULAZIZ (JDW)  
KAROX 205717N 0381547E  
MAHDI 2026.0N 03739.3E  
(PORT SUDAN) PSD

**UB407** KING ABDULAZIZ (JDW)  
KAROX 205717N 0381547E  
MAHDI 2026.0N 03739.3E  
(PORT SUDAN) PSD

**B411** METSA 2930.0N 03500.0E  
AL SHIGAR (ASH)  
ARAR (AAR)  
LOVEK 3222.1N 04440.0E  
NOLDO 3249.5N 04521.5E  
PAXAT 332056N 0460519E  
ILAM (ILM)  
KERMANS SHAH(KMS)

**UB411** METSA 2930.0N 03500.0E  
AL SHIGAR (ASH)  
ARAR (AAR)  
LOVEK 3222.1N 04440.0E  
NOLDO 3249.5N 04521.5E  
PAXAT 332056N 0460519E  
ILAM (ILM)  
KERMANS SHAH(KMS)

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

	<b>SAVEH (SAV)</b> <b>[TEHRAN] (TRN)</b> <b>* Note 1</b> <b>DEHNAMAK (DHN)</b> <b>SABZEVAR (SBZ)</b> <b>MASHHAD (MSD)</b>		<b>SAVEH (SAV)</b> <b>[TEHRAN] (TRN)</b> <b>* Note 1</b> <b>DEHNAMAK (DHN)</b> <b>SABZEVAR (SBZ)</b> <b>MASHHAD (MSD)</b>
<b>B412</b>	<del><b>DAMASCUS (DAM)</b></del> <del><b>* Note 4(OS, OJ)</b></del> <del><b>[AMMAN]</b></del> <del><b>AL SHIGAR (ASH)</b></del> <b>HALAIFA (HLF)</b> <b>RABIGH (RBG)</b> <b>[KING ABDULAZIZ ] (JDW)</b>	<b>UB412</b>	<del><b>DAMASCUS (DAM)</b></del> <del><b>* Note 4(OS, OJ)</b></del> <del><b>[AMMAN]</b></del> <del><b>AL SHIGAR (ASH)</b></del> <b>HALAIFA (HLF)</b> <b>RABIGH (RBG)</b> <b>[KING ABDULAZIZ ] (JDW)</b>
<b>B413</b>	<b>LADEN 1853.7N 03805.1E</b> <b>DANAK 1608.0N 04129.0E</b> <b>HODEIDAH</b> <b>TAIZ</b> <b>ADEN</b> <b>ZIZAN 1151.6N 04539.2E</b> <b>AVIMO 0332.9N 05052.6E</b>	<b>UB413</b>	<b>LADEN 1853.7N 03805.1E</b> <b>DANAK 1608.0N 04129.0E</b> <b>HODEIDAH</b> <b>TAIZ</b> <b>ADEN</b> <b>ZIZAN 1151.6N 04539.2E</b> <b>AVIMO 0332.9N 05052.6E</b>
<b>B415</b>	<b>DOHA (DOH)</b> <b>AFNAN 2508.9N 05155.9E</b> <b>BUNDU 2500.4N 05229.4E</b> <b>GADVO 2441.4N 05343.0E</b> <b>KUNGU 2437.9N 05356.4E</b> <b>ABU DHABI</b> <b>ADV 2425.1N 05440.4E</b>	<b>UB415</b>	<b>DOHA (DOH)</b> <b>AFNAN 2508.9N 05155.9E</b> <b>BUNDU 2500.4N 05229.4E</b> <b>GADVO 2441.4N 05343.0E</b> <b>KUNGU 2437.9N 05356.4E</b> <b>ABU DHABI</b> <b>ADV 2425.1N 05440.4E</b>
<b>B416</b>	<b>KUWAIT (KUA)</b> <b>TESSO 282852N0492723E</b> <b>GEVAL 283625N0492722E</b> <b>KUVER 280924N0500600E</b> <b>IMDAT 2741.0N 05111.0E</b> <b>ORSAR 2604.5N 05357.5E</b> <b>PEBAT 2551.9N 05423.9E</b> <b>DESDI 2536.0N 05442.5E</b>	<b>UB416</b>	<b>KUWAIT (KUA)</b> <b>TESSO 282852N0492723E</b> <b>GEVAL 283625N0492722E</b> <b>KUVER 280924N0500600E</b> <b>IMDAT 2741.0N 05111.0E</b> <b>ORSAR 2604.5N 05357.5E</b> <b>PEBAT 2551.9N 05423.9E</b> <b>DESDI 2536.0N 05442.5E</b>
<b>B417</b>	<b>MAHSHAHR (MAH)</b>	<b>UB417</b>	<b>MAHSHAHR (MAH)</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**TULAX 2938 53N 04903 01E**  
**DESLU 2928.0N 04901.8E**  
**ALVIX 2919.3N04824.2E**  
**KUWAIT (KUA)**  
 \*See Note 3  
**HAFR AL BATIN (HFR)**  
**KMC**  
**GASSIM (GAS)**  
**BIR-DARB (BDB)**  
**TANGA TAGNA 231652N**  
**0403851E**  
**KING ABDULAZIZ (JDW)**

**TULAX 2938 53N 04903 01E**  
**DESLU 2928.0N 04901.8E**  
**ALVIX 2919.3N04824.2E**  
**KUWAIT (KUA)**  
 \*See Note 3  
**HAFR AL BATIN (HFR)**  
**KMC**  
**GASSIM (GAS)**  
**BIR-DARB (BDB)**  
**TANGA TAGNA 231652N**  
**0403851E**  
**KING ABDULAZIZ (JDW)**

**B418 SEMRU 280200N 0320306E**  
**HURGHADA (HGD)**  
**SILKA 263400N 0352900E**  
**WEJH (WEJ)**  
**KODIN 2517.9N 03836.2E**  
**MADINAH(PMA)**  
**BIR DARB (BDB)**  
**AL DAWADMI (DAW)**  
**KING KHALID (KIA)**  
**ALMAL 2615.9N 04821.1E**  
**LOTIT 264856N0511237E**  
**MIDSI 264142N0515442E**

**UB418 SEMRU 280200N 0320306E**  
**HURGHADA (HGD)**  
**SILKA 263400N 0352900E**  
**WEJH (WEJ)**  
**KODIN 2517.9N 03836.2E**  
**MADINAH(PMA)**  
**BIR DARB (BDB)**  
**AL DAWADMI (DAW)**  
**KING KHALID (KIA)**  
**ALMAL 2615.9N 04821.1E**  
**LOTIT 264856N0511237E**  
**MIDSI 264142N0515442E**

**B419 (DHA) 261538N 0500824E**  
**KING FAHD (KFA)**  
**RAMSI 270249N 0500714E**

**UB419 (DHA) 261538N 0500824E**  
**KING FAHD (KFA)**  
**RAMSI 270249N 0500714E**

**B424 ITOLI 152825N 0450927E**  
**SABEL 185200N 05203.7E**  
**OTISA 201000N 0554556E**  
**GISKA 213503N 0574014E**

**UB424 ITOLI 152825N 0450927E**  
**SABEL 185200N 05203.7E**  
**OTISA 201000N 0554556E**  
**GISKA 213503N 0574014E**

**B441 MASHHAD (MSD)**  
**OTRUZ 363108N 0610956E**  
**MARAD 3637.6N 06127.8E**  
**ASHGABAT (FIR)**

**UB441 MASHHAD (MSD)**  
**OTRUZ 363108N 0610956E**  
**MARAD 3637.6N 06127.8E**  
**ASHGABAT (FIR)**

**B451 DEHNAMAK (DHN)**  
**BOJNORD (BRD)**  
**DOLOS 375006N 0580200E**

**UB451 DEHNAMAK (DHN)**  
**BOJNORD (BRD)**  
**DOLOS 375006N 0580200E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**(ASHGABAT) (ASB)**

- B457 BAHRAIN (BAH)**  
\* Note7  
ELOSA 2548.8N 05142.6E
- B505 LALDO 251806N 0563600E \***  
Note 7/8 (OO)  
NADSO 244957N 0574926E  
ITLOB 244325N 0590701E  
EGTAL 2434 58N 06037 24E  
APELO 2434.9N 0612000E  
PASNI (PI) 2517.3N 06320.9E
- B524 NADSO 244957N 0574926E**  
\* Note 7  
DAMUM 243236N 0591307E  
VEKAN 241235N 0604454E  
ALPOR 2404 42N 06120E
- B526 (ASMARA) ASM**  
HODEIDAH (HDH)  
MUKALLA (RIN)  
RIGAM 143932N 0530414E
- B535 (DJIBOUTI) DTI**  
ADEN (KRA)  
MUKALLA (RIN)  
KAPET 1633 22N 0530614E  
SALALAH (SLL)  
ASTUN 180832N0551040E
- B538 ALEPPO**  
KARIATAIN
- B540 GERAR 240600N 0573616**  
PASOV 243841N 0565037E  
KUPMA 245148N 0562648E  
BUBIN 245742N 0560642E
- B544 (GAZIANTEP) GAZ**

**(ASHGABAT) (ASB)**

- UB457 BAHRAIN (BAH)**  
\* Note7  
ELOSA 2548.8N 05142.6E
- UB526 (ASMARA) ASM**  
HODEIDAH (HDH)  
MUKALLA (RIN)  
RIGAM 143932N 0530414E
- UB535 (DJIBOUTI) DTI**  
ADEN (KRA)  
MUKALLA (RIN)  
KAPET 1633 22N 0530614E  
SALALAH (SLL)  
ASTUN 180832N0551040E
- UB538 ALEPPO**  
KARIATAIN
- UB544 (GAZIANTEP) GAZ**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**ALEPPO (ALE)**  
**TANF (TAN)**  
**TURAIIF (TRF)**  
**AL SHIGAR (ASH)**  
**HALAIFA (HLF)**  
**MADINAH (PMA)**  
**RABIGH (RBG)**  
**KING ABDULAZIZ (JDW)**  
**QUNFIDAH (QUN)**  
**ABHA (ABH)**  
**NOBSU**  
**KRA**

**ALEPPO (ALE)**  
**TANF (TAN)**  
**TURAIIF (TRF)**  
**AL SHIGAR (ASH)**  
**HALAIFA (HLF)**  
**MADINAH (PMA)**  
**RABIGH (RBG)**  
**KING ABDULAZIZ (JDW)**  
**QUNFIDAH (QUN)**  
**ABHA (ABH)**  
**NOBSU**  
**KRA**

**B549**    **THAMUD 171700N 0495500E**  
**ITELI 171310N 0502605E**  
**GOGRI 170752N 0510857E**  
**TONRO 165850N 0522235E**  
**PUTRA 165432N 0525631E**  
**LADAR 165324N 0534655E**  
**MUTVA 165325N 0543201E**  
**KIVEL 165306N 0553633E**

**UB549**    **THAMUD 171700N 0495500E**  
**ITELI 171310N 0502605E**  
**GOGRI 170752N 0510857E**  
**TONRO 165850N 0522235E**  
**PUTRA 165432N 0525631E**  
**LADAR 165324N 0534655E**  
**MUTVA 165325N 0543201E**  
**KIVEL 165306N 0553633E**

**G183**    **(KAROL 3252.0N 03229.0E)**  
**PASOS**  
**EL ARISH (ARH)**  
**TABA (TBA)**  
~~**NUWEIBAA (NWB)**~~

**G202**    **(VELOX 3349.0N 03405.0E)**  
**SILKO 3347.9N 03435.0E**  
**KHALDEH (KAD)**  
**\* Note 4 (OS)**  
**DAKWE 3338.9N 03555.0E**  
**DAMASCUS (DAM)**  
**TANF (TAN)**  
**MODIK 3328.1N 03901.0E**  
**RAPLU 3323.0N 04145.5E**  
**PUSTO 3321.0N 04245.0E**  
**DELM I 331918.31N 0431327.59E**  
**LAGLO 331538N 0441457E**  
**ITOVA 331950.91N 0444128.97E**  
**RAGET 3330.8N 04553.8E**  
**ILAM (ILM)**

**UG202**    **(VELOX 3349.0N 03405.0E)**  
**SILKO 3347.9N 03435.0E**  
**KHALDEH (KAD)**  
**\* Note 4 (OS)**  
**DAKWE 3338.9N 03555.0E**  
**DAMASCUS (DAM)**  
**TANF (TAN)**  
**MODIK 3328.1N 03901.0E**  
**RAPLU 3323.0N 04145.5E**  
**PUSTO 3321.0N 04245.0E**  
**DELM I 331918.31N 0431327.59E**  
**LAGLO 331538N 0441457E**  
**ITOVA 331950.91N 0444128.97E**  
**RAGET 3330.8N 04553.8E**  
**ILAM (ILM)**



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**KHORAM ABAD (KRD)**  
**ESFAHAN (ISN)**  
**NODLA**  
**BIRJAND (BJD)**  
**(KAMAR 3239.0N 06044.0E)**

**KHORAM ABAD (KRD)**  
**ESFAHAN (ISN)**  
**NODLA**  
**BIRJAND (BJD)**  
**(KAMAR 3239.0N 06044.0E)**

**G208 (PANJGUR) PG**  
**KEBUD 2735.9N 06250.4E**  
**ZAHEDAN (ZDN)**  
**DARBAND (DAR)**  
**NODLA 325330N 0545850E**  
**ANARAK (ANK)**  
**TEHRAN (TRN)**  
**ZANJAN (ZAJ)**  
**UROMIYEH (UMH)**  
**ALRAM 3743.0N 04437.0E**  
**(SIIRT)**

**G216 LAKLU 232235N 0570401E**  
**\*Note 7 (OO/OP)**  
**Muscat (MCT)**  
**ITILA 234055N 0584817E**  
**SODEB 234747N 0593023E**  
**DORAB 235033N 0594746E**  
**ALPOR 240441N 0612000E**  
**LATEM**  
**(KC)**

**UG216 LAKLU 232235N 0570401E**  
**\*Note 7 (OO/OP)**  
**Muscat (MCT)**  
**ITILA 234055N 0584817E**  
**SODEB 234747N 0593023E**  
**DORAB 235033N 0594746E**  
**ALPOR 240441N 0612000E**  
**LATEM**  
**(KC)**

**G400 KUMBI 334250N 0284500E**  
**LABNA 321956N 0301612E**  
**BALTIM (BLT) 313144N**  
**0310721E**

**UG400 KUMBI 334250N 0284500E**  
**LABNA 321956N 0301612E**  
**BALTIM (BLT) 313144N**  
**0310721E**

**G452 SHIRAZ (SYZ)**  
**KERMAN (KER)**  
**ZAHEDAN (ZDN)**  
**DERBO 2925.7N 06117.0E**  
**(RAHIMYAR KHAN) RK**

**UG452 SHIRAZ (SYZ)**  
**KERMAN (KER)**  
**ZAHEDAN (ZDN)**  
**DERBO 2925.7N 06117.0E**  
**(RAHIMYAR KHAN) RK**

**G462 \* Note 7 between ROVOS and**  
**BALUS**

**UG462 \* Note 7 between ROVOS and**  
**BALUS**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

	<b>BALUS 2545.9N 05304.4E</b> <b>ROVOS 241825N 0552143E</b>		<b>BALUS 2545.9N 05304.4E</b> <b>ROVOS 241825N 0552143E</b>
<b>G650</b>	<b>KING ABDULAZIZ (JDW)</b> <b>RASKA 190732N 0390329E</b> <b>ASMARA (ASM)</b>	<b>UG650</b>	<b>KING ABDULAZIZ (JDW)</b> <b>RASKA 190732N 0390329E</b> <b>ASMARA (ASM)</b>
<b>G652</b>	<b>ADEN (KRA)</b> <b>IMPOS 183136N 0511848E</b> <b>DUDRI 190000N 0520000E</b> <b>TOKRA 220925N 0553350E</b> <b>TAPDO 2424N 06120 E</b>	<b>UG652</b>	<b>ADEN (KRA)</b> <b>IMPOS 183136N 0511848E</b> <b>DUDRI 190000N 0520000E</b> <b>TOKRA 220925N 0553350E</b> <b>TAPDO 2424N 06120 E</b>
<b>G660</b>	<b>(PORT SUDAN) PSD</b> <b>BOGUM 2006.6N 03803.0E</b> <b>MIPOL 203322N 0382145E</b> <b>KING ABDULAZIZ (JDW)</b>	<b>UG660</b>	<b>(PORT SUDAN) PSD</b> <b>BOGUM 2006.6N 03803.0E</b> <b>MIPOL 203322N 0382145E</b> <b>KING ABDULAZIZ (JDW)</b>
<b>G662</b>	<del><b>[DAMASCUS] (DAM)</b></del> <b>* Notes 1 and 3 (OS, OJ)</b> <b>BUSRA 322000N 0363700E</b> <b>KUPRI 320825.87N 0364530.21E</b> <b>ALKOT 313254.22N 0371121.51E</b> <b>GRY 3124.8N 3717.2E</b> <b>AL SHIGAR (ASH)</b> <b>HAIL (HIL)</b> <b>GASSIM (GAS)</b> <b>KING KHALID (KIA)</b>	<b>UG662</b>	<del><b>[DAMASCUS] (DAM)</b></del> <b>* Notes 1 and 3 (OS, OJ)</b> <b>BUSRA 322000N 0363700E</b> <b>KUPRI 320825.87N 0364530.21E</b> <b>ALKOT 313254.22N 0371121.51E</b> <b>GRY 3124.8N 3717.2E</b> <b>AL SHIGAR (ASH)</b> <b>HAIL (HIL)</b> <b>GASSIM (GAS)</b> <b>KING KHALID (KIA)</b>
<b>G663</b>	<b>KING KHALID (KIA)</b> <b>SILNO 2640.4N 04757.7E</b> <b>KING FAHD (KFA)</b> <b>ALSER 2710.8 05049.5E</b> <b>SHIRAZ (SYZ)</b> <b>YAZD (YZD)</b> <b>NODLA 3253.3N 05458.8E</b> <b>TABAS (TBS)</b> <b>MASHAD (MSD)</b>	<b>UG663</b>	<b>KING KHALID (KIA)</b> <b>SILNO 2640.4N 04757.7E</b> <b>KING FAHD (KFA)</b> <b>ALSER 2710.8 05049.5E</b> <b>SHIRAZ (SYZ)</b> <b>YAZD (YZD)</b> <b>NODLA 3253.3N 05458.8E</b> <b>TABAS (TBS)</b> <b>MASHAD (MSD)</b>
<b>G665</b>	<b>ARAR (AAR)</b> <b>ABADAN (ABD)</b> <b>SHIRAZ (SYZ)</b> <b>* Note 5 (OI)</b>	<b>UG665</b>	<b>ARAR (AAR)</b> <b>ABADAN (ABD)</b> <b>SHIRAZ (SYZ)</b> <b>* Note 5 (OI)</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**NABOD 2816.1N 05825.8E  
LOXOL 2745.9N 06045.6E  
ASVIB 265724N 0631812E  
(PANJGUR) PG**

**NABOD 2816.1N 05825.8E  
LOXOL 2745.9N 06045.6E  
ASVIB 265724N 0631812E  
(PANJGUR) PG**

**G666 SHIRAZ (SYZ)  
LAMERD (LAM)  
LAVAN (LVA)  
\* Note 7 (OI)  
ORSAR 2604 .5N 05357.5E  
ITITA 254410N 0541839E  
SINBI 250842N 0543741E  
ABU DHABI (ADV)**

**UG666 SHIRAZ (SYZ)  
LAMERD (LAM)  
LAVAN (LVA)  
\* Note 7 (OI)  
ORSAR 2604 .5N 05357.5E  
ITITA 254410N 0541839E  
SINBI 250842N 0543741E  
ABU DHABI (ADV)**

**G667 PUTMA 3748.0N 05157.6E  
NOSHAHR (NSR)  
TEHRAN (TRN)  
SAVEH (SAV)  
MIS  
AHWAZ (AWZ)  
ABADAN (ABD)  
ALSAN 295707N 0481456E  
FALKA  
KUWAIT (KUA)  
WAFRA (KFR)  
MAGALA (MGA)  
KING KHALID (KIA)  
WADI AL DAWASIR (WDR)  
NEJRAN (NEJ)  
SANA'A (SAA)  
PARIM 123142.7N 0432712E  
DJIBOUTI (DTI)**

**UG667 PUTMA 3748.0N 05157.6E  
NOSHAHR (NSR)  
TEHRAN (TRN)  
SAVEH (SAV)  
MIS  
AHWAZ (AWZ)  
ABADAN (ABD)  
ALSAN 295707N 0481456E  
FALKA  
KUWAIT (KUA)  
WAFRA (KFR)  
MAGALA (MGA)  
KING KHALID (KIA)  
WADI AL DAWASIR (WDR)  
NEJRAN (NEJ)  
SANA'A (SAA)  
PARIM 123142.7N 0432712E  
DJIBOUTI (DTI)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**G669**     **AL SHIGAR (ASH)**  
**AL JOU (AJF)**  
**RAFHA (RAF)**  
**NISER 2930.5N 04418.4E**  
**\*Note 3 (OK)**  
**SOLAT 290942N 0463810E**  
**KUWAIT (KUA)**  
**SESRA 290803N 0485453E**  
**NANPI 290457N 0493157E**  
**KHARK(KHG)**  
**SHIRAZ (SYZ)**

**G670**     **RASHT (RST)**  
**LALDA 3817.1N 04943.0E**  
**(BAKU) GYD**

**G674**     **MADINAH (PMA)**  
**GASSIM (GAS) 2617.9N**  
**04346.8E**  
**BOPAN (BPN)**

**G775**     **(ASHGHABAT) (ASB)**  
**ORPAB 3742N 05834.5E**  
**MASHHAD (MSD)**  
**[BIRJAND] (BJD)**  
**\* Note 1**  
**ZAHEDAN (ZDN)**

**G781**     **(VAN)**  
**BONAM 3802.9N 04418.0E**  
**UROMIYEH (UMH)**  
**ROVON 3716 01N 0455322E**  
**ZANJAN (ZAJ)**  
**NOSHAHR(NSR)**

**UG669**     **AL SHIGAR (ASH)**  
**AL JOU (AJF)**  
**RAFHA (RAF)**  
**NISER 2930.5N 04418.4E**  
**\*Note 3 (OK)**  
**SOLAT 290942N 0463810E**  
**KUWAIT (KUA)**  
**SESRA 290803N 0485453E**  
**NANPI 290457N 0493157E**  
**KHARK(KHG)**  
**SHIRAZ (SYZ)**

**UG670**     **RASHT (RST)**  
**LALDA 3817.1N 04943.0E**  
**(BAKU) GYD**

**UG674**     **MADINAH (PMA)**  
**GASSIM (GAS) 2617.9N 04346.8E**  
**BOPAN (BPN)**

**UG775**     **(ASHGHABAT) (ASB)**  
**ORPAB 3742N 05834.5E**  
**MASHHAD (MSD)**  
**[BIRJAND] (BJD)**  
**\* Note 1**  
**ZAHEDAN (ZDN)**

**UG781**     **(VAN)**  
**BONAM 3802.9N 04418.0E**  
**UROMIYEH (UMH)**  
**ROVON 3716 01N 0455322E**  
**ZANJAN (ZAJ)**  
**NOSHAHR(NSR)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**G782 KING ABDULAZIZ (JDW)  
DAFINAH (DFN)  
RAGA\HBA (RGB)  
KING KHALID (KIA)  
MAGALA (MGA)  
WAFRA (KFR) 283715N  
0475729E  
KUWAIT (KUA)  
DAFINAH (DFN)**

**UG782 KING ABDULAZIZ (JDW)  
DAFINAH (DFN)  
RAGA\HBA (RGB)  
KING KHALID (KIA)  
MAGALA (MGA)  
WAFRA (KFR) 283715N  
0475729E  
KUWAIT (KUA)  
DAFINAH (DFN)**

**G783 PURDA 210805N 0510329E  
TANSU 224136N 0542828E  
NIGEL RIGIL 230146N  
0551430E  
ELUDA 235107N 0552905E  
ALN 241535N 0553623E  
GIDIS 243600N 055600E  
BUBIN 245742N 0560642E**

**UG783 PURDA 210805N 0510329E  
TANSU 224136N 0542828E  
NIGEL RIGIL 230146N 0551430E  
ELUDA 235107N 0552905E  
ALN 241535N 0553623E  
GIDIS 243600N 055600E  
BUBIN 245742N 0560642E**

**G792 BODKA 3939.0N 05130.0E  
GIRUN 3806.2N 05620.3E  
BOJNORD (BRD)  
MASHAD (MSD)**

**UG792 BODKA 3939.0N 05130.0E  
GIRUN 3806.2N 05620.3E  
BOJNORD (BRD)  
MASHAD (MSD)**

**G795 FALKA 2926.2N 04818.3E  
TASMI 300120N 0475505E  
BSR 303132.4N 0472112E  
RAFHA (RAF)**

**UG795 FALKA 2926.2N 04818.3E  
TASMI 300120N 0475505E  
BSR 303132.4N 0472112E  
RAFHA (RAF)**

**G799 PMA  
DAFINAH (DFN)**

**UG799 PMA  
DAFINAH (DFN)**

**UL124 (VAN)  
BONAM  
URUMIYEH (UMH)  
ZANJAN (ZAJ)  
SAVEH (SAV)  
DISEL 332904N 0510118E  
YAZD (YZD) (R654)  
KERMAN (KER)  
KEBUD 273558N 0625028E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**(PANJGUR) PG**

		<b>UL125</b>	<b>DULAV 3857N 04537.9E TABRIZ (TBZ) ZANJAN (ZAJ) PAROT 360940N 0495756E TEHRAN (TRN) ANARAK (ANK) DARBAND (DAR) ZAHEDAN (ZDN) DANIB 290706N 0611717E KEBUD 273558N 0625028E</b>
<b>L126</b>	<b>PUSTO 3321.0N 04245.0E SOGUM 3412.2N 04354.9E SIGNI 3400.1N 04442.2E MIGMI 3345.9N 04527.4E ILAM (ILM)</b>	<b>UL126</b>	<b>PUSTO 3321.0N 04245.0E SOGUM 3412.2N 04354.9E SIGNI 3400.1N 04442.2E MIGMI 3345.9N 04527.4E ILAM (ILM)</b>
<b>L200</b>	<b>AMMAN *Notes 2 and 3 (OJ) LOXER 320256N 362500E LUDAN 320256N 0363713 E KUPRI 320825N 0364530 E ASLON 321211N 0365111E NADEK 322728N 0371429E DAXEN 324444N 0374105E KAREM 325110N 0380324 E KUMLO 325811N 0382807 E DAPUK 330139N 0384026 E PASIP 330600N 0385600E GIBUX 330715N 0411625E SUTRI 330701.47N 0421128.15E SIGBI 330200N 0422000E SILSO 330600N 0431500E SILBO 325900N 0432900E</b>	<b>UL200</b>	<b>AMMAN *Notes 2 and 3 (OJ) LOXER 320256N 362500E LUDAN 320256N 0363713 E KUPRI 320825N 0364530 E ASLON 321211N 0365111E NADEK 322728N 0371429E DAXEN 324444N 0374105E KAREM 325110N 0380324 E KUMLO 325811N 0382807 E DAPUK 330139N 0384026 E PASIP 330600N 0385600E GIBUX 330715N 0411625E SUTRI 330701.47N 0421128.15E SIGBI 330200N 0422000E SILSO 330600N 0431500E SILBO 325900N 0432900E</b>
<b>L223</b>	<b>SIRRI (SIR) NALTA 250242N 0553955E * Note 7 (OI-OM-OO) TARDI 243418N 0560915E LAKLU 232235N 05704 01E</b>	<b>UL223</b>	<b>DASIS 385430N 0441230E UROMIYEH (UMH) SANANDAJ (SNJ) KHORAM ABAD (KRD) MESVI 312920N 0495701E LAMERD (LAM)</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**SIRRI (SIR)****\* Note 7 (OI-OM-OO)****NALTA 250242N 0553955E****TARDI 243418N 0560915E****LAKLU 232235N 05704 01E**

**L300 LUXOR (LXR)**  
**MEMPO 252518N 0335457E**  
**GIBAL2437.2N03634.7E**  
**YENBO (YEN) 2408.8N 03803.9E**

**UL300 LUXOR (LXR)**  
**MEMPO 252518N 0335457E**  
**GIBAL2437.2N03634.7E**  
**YENBO (YEN) 2408.8N 03803.9E**

**L301 RASKI 230330N 0635200E**  
**VAXIM 231900N 0611100E**  
**RAGMA 232301N 0603846E**

**UL301 AAU 5153N 07523 38.6E**  
**NOBAT 210902.5N 0880000.1E**  
**LADOT 220502N 0660001**  
**RASKI 230330N 0635200E**  
**VAXIM 231900N 0611100E**  
**RAGMA 232301N 0603846E**

**L305 DOHA (DOH)**  
**ITITA 2544.2N 05418.7E**

**L306 TOKRA 220925N 0553350E**  
**\* Note- 7 (OO)**  
**DEMKI 224941N 0562308E**  
**LAKLU 232235N 0570401E**

**UL306 TOKRA 220925N 0553350E**  
**\* Note- 7 (OO)**  
**DEMKI 224941N 0562308E**  
**LAKLU 232235N 0570401E**

**L308 EGNOV 270301N 0474713E**  
**(JBL) 270220N 0492427E**

**UL308 EGNOV 270301N 0474713E**  
**(JBL) 270220N 0492427E**

**L310 BOXAK 244536N 0540032E**  
**SIGBO 2455.4N 05456.9E**  
~~**MIADA 245112N 0545736E**~~  
**NALTA 2502.7N 05539.8E**  
**AVAMI 2505.9N 05556.8E**  
**LALDO 251806N 0563600E**

**UL310 BOXAK 244536N 0540032E**  
**SIGBO 2455.4N 05456.9E**  
~~**MIADA 245112N 0545736E**~~  
**NALTA 2502.7N 05539.8E**  
**AVAMI 2505.9N 05556.8E**  
**LALDO 251806N 0563600E**

**L314 NABAN 163124N 0430148E**  
**GOMRI 131816N 0443224E**

**UL314 NABAN 163124N 0430148E**  
**GOMRI 131816N 0443224E**

**L315 CAIRO(CVO)**  
**\* Note 3 (HE)**

**UL315 CAIRO(CVO)**  
**\* Note 3 (HE)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**HURGHADA (HGD)  
GIBAL 2437.2N 03634.7E**

**L317 LOPAS 343003N 0433834E  
ALVIS 343004N 0435518E  
DASUR 343006N 0442417E  
DENKI 322228N 0455122E  
MUTLO 321019N 0445703E  
GETID 351551N 0425559E  
NADID 352611N E0460145E**

**L321 KATAB 292501N 0290506E  
KUNKI 290726N 0291949E  
KUNAK 2527.7N 03041.2E  
LUGAV 224205N 0313722E  
SML 222118N 0313719E**

**L417 VUSEB 361637N 0434800E  
UMESA 351741N 0434307E  
MUTAG 343003N 0433834 E  
LAGLO 3515.6 04414.0E  
ELOSI 330800N 0441800E  
LOVEK 3222.1N 04440.0E  
ELIBA 320915N 0444645E  
NADOX 310505N 0451851E**

**HURGHADA (HGD)  
GIBAL 2437.2N 03634.7E**

**UL317 LOPAS 343003N 0433834E  
ALVIS 343004N 0435518E  
DASUR 343006N 0442417E  
DENKI 322228N 0455122E  
MUTLO 321019N 0445703E  
GETID 351551N 0425559E  
NADID 352611N E0460145E**

**UL321 KATAB 292501N 0290506E  
KUNKI 290726N 0291949E  
KUNAK 2527.7N 03041.2E  
LUGAV 224205N 0313722E  
SML 222118N 0313719E**

**UL322 MUMBAI (BBB)  
\* Note 7&1  
SUGID 1933.1N 06921.0E  
BOLIS 2033.5N 065 00.0E  
REXOD 2112.5N 06138.5E**

**UL333 DASIS  
TABRIZ (TBZ)  
RASHT (RST)  
GIBAB 3537.0N 05430.9E  
ALRAS 3511.3N 05541.6E  
~~AMBEG 351737N 0553059E~~  
TASLU 342632N 0574234E  
SOKAM 331316N 0603752E**

**UL417 VUSEB 361637N 0434800E  
UMESA 351741N 0434307E  
MUTAG 343003N 0433834 E  
LAGLO 3515.6 04414.0E  
ELOSI 330800N 0441800E  
LOVEK 3222.1N 04440.0E  
ELIBA 320915N 0444645E  
NADOX 310505N 0451851E**

**UL425 KING ABDULAZIZ (JDW)  
TONBO 205502N 0394911E**



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**AL BAHA (BHA)**  
**BISHA (BSH)**  
**WADI AL DAWASIR (WDR)**  
**EGREN 202236N 0464422E**  
**ASTIN 200410N 0495320E**  
**DIRAS 195235N 0513704E**  
**GOBRO 193622N 0534741E**  
**NOVNO 193313N 0535858E**  
**ITUVO 190315N 0554328E**  
**DEDSO 185811N 0560041E**  
**BOVOS 182230N 0575844E**  
**ASPUX 174406N 0600006E**  
**(TRIVANDRUM)**

**L430**      **BND 271149N 0562200E**  
**DIVAB 251042N 0595206E**  
**ORBIX 2444300N 0603511E**

**UL430**      **BND 271149N 0562200E**  
**DIVAB 251042N 0595206E**  
**ORBIX 2444300N 0603511E**

**L440**      **KANIP 2410.7N 05520.7E**  
**RETAS 235754N 0553423E**

**UL440**      **KANIP 2410.7N 05520.7E**  
**RETAS 235754N 0553423E**

**L443**      **EMILA KUPSA 250445N**  
**0521151E**  
**\* Note 7/8 (OB)**  
**AMBEK 250109N 0521809E**  
**LAGVA 245009N 0521733E**  
**LOPOK 243527N 0520413E**  
**TAMRI 245430N 0522506E**

**UL443**      **EMILA KUPSA 250445N**  
**0521151E**  
**\* Note 7/8 (OB)**  
**AMBEK 250109N 0521809E**  
**LAGVA 245009N 0521733E**  
**LOPOK 243527N 0520413E**  
**TAMRI 245430N 0522506E**

**L444**      **KIPOL 230410N 0612903E**  
**\*Note 7 (OO)**  
**VUSIN 225940N 0605510E**  
**MIBSMA 225400N 0601338E**  
**KAXEM 225103N 0595243E**  
**IMDEK 224647N 0592217E**  
**TOLDA 224008N 0583624E**

**UL444**      **KIPOL 230410N 0612903E**  
**\*Note 7 (OO)**  
**VUSIN 225940N 0605510E**  
**MIBSMA 225400N 0601338E**  
**KAXEM 225103N 0595243E**  
**IMDEK 224647N 0592217E**  
**TOLDA 224008N 0583624E**

**L513**      **MURAK 3459.4N 03642.1E**  
~~**KALDE (KAD)**~~  
~~**CHEKA (CAK)**~~  
**LEBOR 3415.9N 03635.0E**

**UL513**      **MURAK 3459.4N 03642.1E**  
~~**KALDE (KAD)**~~  
~~**CHEKA (CAK)**~~  
**LEBOR 3415.9N 03635.0E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**DAMASCUS (DAM)**  
**\* Note 3 (OS)**  
**BUSRA 3220.0 N 03637.0 E**  
**QUEEN ALIA (QAA)**  
**QATRANEH (QTR)**  
**MAZAR 3048.0N 03610.0E**

**DAMASCUS (DAM)**  
**\* Note 3 (OS)**  
**BUSRA 3220.0 N 03637.0 E**  
**QUEEN ALIA (QAA)**  
**QATRANEH (QTR)**  
**MAZAR 3048.0N 03610.0E**

**L519 ABU DHABI (ADV)**  
**\*Note 7 (OM)**  
**NAMSI 2437.5N 05456.8E**  
**EMERU 244829N 0550303**  
**LUDER 2457.5N 05505.2E**

**UL516 KITAL 2003.0N 06018.0E**  
**ELKEL 0149.0N 06911.0E**  
**DIEGO GARCIA (NDG)**

**UL519 ABU DHABI (ADV)**  
**\*Note 7 (OM)**  
**NAMSI 2437.5N 05456.8E**  
**EMERU 244829N 0550303**  
**LUDER 2457.5N 05505.2E**

**UL550 WAFRA (KFR)**  
**NIDAP 283850N 0473656E**  
**BOSID 2842.4N 04652.6E**  
**VATIM 2851.6N 04444.7E**  
**RASMO 2857.2N 04331.3E**  
**ORSAL2902.8N 04210.8E**  
**NIMAR 2906.6N 03954.4E**  
**KITOT 2902.1N 03450.8E**  
**NUWEIBAA (NWB)**  
**TABA (TBA)**  
**EL ARISH (ARH)**  
**PASOS**  
**(KAROL 3252.0N 03229.0E)**

**L551 ANTAR 334800N 0281600E**  
**EL DABA (DBA) 310041N**  
**0282801E**

**UL551 ANTAR 334800N 0281600E**  
**EL DABA (DBA) 310041N**  
**0282801E**

**L555 TOTOX 215030N 0622230E**  
**TUMET 222307N 0595702E**  
**TOLDA 224008N 0583624E**

**UL555 TOTOX 215030N 0622230E**  
**TUMET 222307N 0595702E**  
**TOLDA 224008N 0583624E**

**UL556 EGREN 202236N 0464422E**  
**NONGA 205048N 0492014E**  
**PURDA 210805N 0510329E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**Note:- 7 (OO, OB)****IMDAM 202416N 0550801E****OTISA 201000N 0554556E****HAIMA (HAI) 195813N 0561651E****GIVNO 195011N 0563059E****KUTVI 184306N 0582642E**

- UL560**    **ARDABIL (ARB) 3819.9N  
04824.9E  
\* Note 3&4 (OI)  
SEVAN (SVN) 4032.0N 04456.9E**
- UL566**    **ASMAK 162327N 0524634E  
UKNEN 160542N 0522012E  
PURUG 151204N 0510142E  
KUSOL 144009N 0501534E  
NOTBO 142609N 0495530E  
EMABI 141627N 0494139E  
SOKEM 134235N 0485329E  
DATEG 123549N 0471627E**
- UL572**    **KAMISHLY (KML)  
LESRI 3704.3N 04113.8E**
- UL573**    **DAFINAH (DFN) 231658N  
0414310E  
PMA  
WEJH (WEJ) 261045N 0362917E**
- UL601**    **BAGLUM (BAG) 04004.2 03248.6)  
\* Note 7  
ADANA 3656.4N 03512.6E (ADA)  
TUNLA 3553.0N 0360200E)  
KARIATAIN 3412.8N 03715.9E**
- UL602**    **BAHRAIN (BAH)  
\*Note 7  
PEBOS 262722N0503043E  
RULEX 264529N 0501745E  
RAMSI 270249N 0500714E  
IVONI 275911N 0492131E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**DAVUS 282346N 0490622**  
**DARVA 284814N 0484734E**  
**ALVIX 2919.3N04824.2E**  
**FALKA 292611N 0481819E**  
**TASMI 300120N 0475505E**  
**LOVEK322206N 0444000E**  
**DELMI331911N 0431731E**  
**ELEXI 344237N 0411054E**  
**DRZ 351724N 0401124E**  
**KUKSI 364508N 0374910E**  
**GAZ 365701N 0372824E**  
**~~TASMI 300120N 0475505E~~**

**UL607 SITIA (SIT)**  
 \* Note 7  
**PAXIS 3357.1N02720.0E**  
**OTIKO 3134.4N 02936.6E**  
**ALEXANDRIA (AXD)**

**UL612 METRU 340000N 0250900E**  
**KANAR 322727N 0265330E**  
**EL DABA (DBA) 310041N**  
**0282801E**

**UL613 EL – DABA (DBA)**  
 \* Note 7  
**SOKAL 3236.0N 02720.0E**  
**TANSA 3400.0N 02649.0E**

**L617 AXD**  
**IMRUT 313259N 0293346E**  
**ASNIR 323849N 0282144E**  
**TANSA 340000N 0264900E**

**UL617 AXD**  
**IMRUT 313259N 0293346E**  
**ASNIR 323849N 0282144E**  
**TANSA 340000N 0264900E**

**L631 TOTOX 215030N0622230E**  
**IVOMA 223408N 0605430E**  
 \* Note 7 (OO)  
**MIBSA 225400N 0601338E**  
**AMBOS 230324N 0595405E**  
**ELIGO 232458N 0590848E**  
**KARAR 233042N 0585438E**  
**MCT 233528.01N 0581536.47**

**UL631 TOTOX 215030N0622230E**  
**IVOMA 223408N 0605430E**  
 \* Note 7 (OO)  
**MIBSA 225400N 0601338E**  
**AMBOS 230324N 0595405E**  
**ELIGO 232458N 0590848E**  
**KARAR 233042N 0585438E**  
**MCT 233528.01N 0581536.47**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**L681** EGNOV 270301N 0474713E  
**GEPAK** 2633.0N 04843.5E  
**RADMA** 2623.0N 04857.5E  
**DELMU** 2618.9N 04903.4E  
**ROSEM** 2607.7N 04919.0E  
**SALWA** 251538N 0503048E

**L695** PAROK 231030N 0590245E  
 \*Note 7 (OO)  
**ITURA** 232351N 0580720E

**L764** MUSCAT (MCT)  
**ALMOG** 233524N 0574940E  
**IVETO** 233520N 0570704E  
**PAXIM** 240245N 0561631E

**UL681** EGNOV 270301N 0474713E  
**GEPAK** 2633.0N 04843.5E  
**RADMA** 2623.0N 04857.5E  
**DELMU** 2618.9N 04903.4E  
**ROSEM** 2607.7N 04919.0E  
**SALWA** 251538N 0503048E

**UL695** PAROK 231030N 0590245E  
 \*Note 7 (OO)  
**ITURA** 232351N 0580720E

**UL764** MUSCAT (MCT)  
**ALMOG** 233524N 0574940E  
**IVETO** 233520N 0570704E  
**PAXIM** 240245N 0561631E

**UL768** MENSA 245750N 0563249E  
**AVAMI** 2505.9N 05556.8E  
 \*Note 7  
**ATBOR** 2510.1N 05519.8E  
**RANBI** 251908N 0544500E  
**DUVGA** 2530.3N 05403.5E  
**BALUS** 254554N 0530424E  
**ELAXI** 260000N 0523500E  
**IMTAS** 281800N 0515700E  
**DAXAS** 2621.3N 0515000E  
**ASMOR** 2636.7 0511700E  
**TOLMO** 265504N 0502927E  
**RAMSI** 270249N 0500714E  
**ALVUN** 271028N 0494455E  
**KISAB** 272335N 0490606E  
**COPPI** 2750.6N 04744.0E  
**HFR**  
**VATIM** 2851.6N 04444.7E  
**RAFHA** (RAF)  
**ARAR** (AAR)  
**OVANO** 3148.0N 03909.9E  
**OTILA** 3201.5N 03901.9E

**UL883** REXOD 211230N 0613830E  
**GADMA** 211439N 0600938E

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**TAVKO 211519N 0593147E**  
**UMILA 211555N 0584738E**  
**MEVLI 211632N 0565606E**  
**KUROV 211627N 0561853E**  
**ALNUN 211625N 0561041E**  
**SITOL 211604N 0552514E**  
**PURDA 210805N 0510329E**  
**ALRIK 220631N 0482535E**  
**UMRAN 2315.1N 04520.4E**  
**TUKVU 2346.4N 04353.3E**  
**BIR DARB (BDB)**  
**PMA N243251N 0394219E**

**UL894 KITAL 2003.0N 06018.0E**  
**(MALE (MLE)**  
**(SUNAN 0028.7N 07800.0E)**  
**(DADAR 0200.0S 07927.1E)**  
**(PERTH (PH)**

**M203 PUSTO 3321.0N 04245.0E**  
**LOVEK 3222.1N 04440.0E**  
**ILMAP 312133N 0465702E**

**UM203 PUSTO 3321.0N 04245.0E**  
**LOVEK 3222.1N 04440.0E**  
**ILMAP 312133N 0465702E**

**M300 LOTAV 2037N 0605700E**  
**EMURU 221535N 0584950E**

**UM300 (CALICUT) CLC**  
**LOTAV 2037N 0605700E**  
**EMURU 221535N 0584950E**

**M301 PURAD 145500N 0415354E**  
**SANA'A (SAA)**  
**ITOLI 152825N 0450927E**  
**ASMAK162327N 0524634E**

**M301 PURAD 145500N 0415354E**  
**SANA'A (SAA)**  
**ITOLI 152825N 0450927E**  
**ASMAK162327N 0524634E**

**M303 MCT 233528.01N 0581536.47E**  
**\*Note 7 (OO)**  
**SEVLA 233321N 0591122E**  
**KIPOL230410N 0612903E**

**UM303 MCT 233528.01N 0581536.47E**  
**\*Note 7 (OO)**  
**SEVLA 233321N 0591122E**  
**KIPOL230410N 0612903E**

**UM309 KIND KHALED (KIA)**  
**RAGHBA (RGB)**  
**RABTO 221608N 0400326E**

**M316 KANAS 251552N 0574700E**  
**GOKSO 265542N 0604012E**

**UM316 KANAS 251552N 0574700E**  
**GOKSO 265542N 0604012E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**M320 KING FAHD (KFA)  
KODAG 2703.3N 04920.4E  
RAS  
ASVIR 283220N 0482220E  
KUWAIT (KUA)**

**UM320 KING FAHD (KFA)  
KODAG 2703.3N 04920.4E  
RAS  
ASVIR 283220N 0482220E  
KUWAIT (KUA)**

**UM321 HALAIFA 262602N 0391609E  
(HLF)  
ROSUL 2539.7N 04215.3E  
OVEKU 2509.9 04457.0E  
KING KHALED (KIA)**

**M425 SILKO 3347.9N 03435.0E  
CAK**

**UM425 SILKO 3347.9N 03435.0E  
CAK**

**M428 RIKET 251859N 0560200E  
\*Note 7/8 (OO/OM)  
GOMTA 251115N 0563447E  
TARBO 244351N 0574637E  
MUNGA 242516N 0584533E**

**UM428 RIKET 251859N 0560200E  
\*Note 7/8 (OO/OM)  
GOMTA 251115N 0563447E  
TARBO 244351N 0574637E  
MUNGA 242516N 0584533E**

**UM440 KING KHALED (KIA)  
OTAMA 235148N 0494707E  
KUTNA 231341N 0512730E  
KITAP 224928N 0522923E  
TOKRA 220925N 0553350E**

**M449 BUSRA 322000N 0363700E  
HAZEM 3214.0N 03638.0E  
MAZAR 3048.0N 03610.0E  
GIBET 2926.3N 03625.0E  
TABUK (TBK)  
WEJH (WEJ)**

**UM449 BUSRA 322000N 0363700E  
HAZEM 3214.0N 03638.0E  
MAZAR 3048.0N 03610.0E  
GIBET 2926.3N 03625.0E  
TABUK (TBK)  
WEJH (WEJ)**

**M551 KIVEL 165306N 0553633E  
DAXAM 171612N 0544715E**

**UM551 DONSA1435.3N06344.0E  
ANGAL1614.1N 06000.1E  
OTOTO 164004N 0570435E  
KIVEL 165306N 0553633E  
DAXAM 171612N 0544715E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**M559**    **LABNI 165620N 0410921E**  
**NISMI 162415N 0421838E**  
**ITOLI 152825N 0450927E**  
**MUKALLA (RIN)**  
**VEDET 120134N 0512410E**

**UM559**    **LABNI 165620N 0410921E**  
**NISMI 162415N 0421838E**  
**ITOLI 152825N 0450927E**  
**MUKALLA (RIN)**  
**VEDET 120134N 0512410E**

**M561**    **KISH (KIS)**  
**MOBET 2645.3N 05609.8E**  
**ASVIB 265724N 0631812E**  
**PANJGUR (PG)**

**UM561**    **KISH (KIS)**  
**MOBET 2645.3N 05609.8E**  
**ASVIB 265724N 0631812E**  
**PANJGUR (PG)**

**UM573**    **TEHERAN (TRN)**  
**TABRIZ (TBZ) 3808.3N 04613.9E**

**UM574**    **MALE) (MLE)**  
**(POPET) 0713.7N06813.6E**  
**NABIL 1222.0E0600.0E**  
**RIGAM 143932N 0530414E**  
**NOBSU 171554N 0431318E**

**M600**    **RANBI 251908N 0544500E**  
**KISAG 251834N 0541408E**  
**SINGU 253706N 052570E**  
**NOBLA 255111N 0522740E**  
**TOBLI 262134N 0512301E**  
**RULEX 264529N 0501745E**

**UM600**    **RANBI 251908N 0544500E**  
**KISAG 251834N 0541408E**  
**SINGU 253706N 052570E**  
**NOBLA 255111N 0522740E**  
**TOBLI 262134N 0512301E**  
**RULEX 264529N 0501745E**

**M628**    **LUDID 230227N 0551800E**  
  
**LABSA 230153N 0555505E**  
**EGVAN 230127N 0561907E**  
**TULBU 230005N 0571827E**  
**IZK 225318.60N 0574542.73E**  
**TOLDA 224008N 0583624E**  
**LOXOP 223722N 0594548E**  
**LADAP 223513N 0603238E**  
**IVOMA 223408N 0605430E**  
**PARAR 222630N 0630700E**

**UM628**    **DAFINAH (DFN) 231700N**  
**0414312E**  
**KIPOM 225316N 0501518E**  
**MIGMA 225035N 0512749E**  
**KITAP 224928N 0522923E**  
**ALPEK 224648N 0535942E**  
**LUDID 230227N 0551800E**  
**LABSA 230153N 0555505E**  
**EGVAN 230127N 0561907E**  
**TULBU 230005N 0571827E**  
**IZK 225318.60N 0574542.73E**



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

			TOLDA 224008N 0583624E LOXOP 223722N 0594548E <b>LOSIM LADAP 223513N 0603238E</b> IVOMA 223408N 0605430E PARAR 222630N 0630700E
M634	ANGAL 161406N 0600006E VEDET 120134N 0512410E DAROT 0911.4N 04721.2E	UM634	ANGAL 161406N 0600006E VEDET 120134N 0512410E DAROT 0911.4N 04721.2E
M651	ATBOT 171418N 0464706E ADEN (KRA) (HARGEISA) HARGA	UM651	ATBOT 171418N 0464706E ADEN (KRA) (HARGEISA) HARGA
M677	<b>SESRA 2908.0N 04854.9E</b> RABAP 283625N 0492722E (BAH/KWT FIR BOUNDARY) GEVAL 282101N 0494300E UMAMA 265831N 0504648E	UM677	<b>SESRA 2908.0N 04854.9E</b> RABAP 283625N 0492722E (BAH/KWT FIR BOUNDARY) GEVAL 282101N 0494300E UMAMA 265831N 0504648E
M681	TARBO 244351N 0574637E *Note 7/8 (OO) DAMUM 243236N 0591307E	UM681	TARBO 244351N 0574637E *Note 7/8 (OO) DAMUM 243236N 0591307E
M686	LUXOR (LXR) MEMPO 252518N 0335457E GIBAL 243712N 0363442E KING ABDULAZIZ (JDW)	UM686	LUXOR (LXR) MEMPO 252518N 0335457E GIBAL 243712N 0363442E KING ABDULAZIZ (JDW)
		UM688	CRM GULRA ERN EVSAS BAYIR 383541N 0412414 E ULTED OTKEP NINVA 372100N 0431300E ROXOP 364917N 0433100E VUSEB 3616 37N E0434800E OTALO 351700N 0441900E

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**RIDIP 343012N 0444027E**  
**UKMUG 334300N 0450329E**  
**VAXEN 3318 00N 0451500E**  
**PAPUS 325334N 0452706E**  
**KATUT 323737N 0453439E**  
**DENKI 322228.46N 0455121.58E**  
**ILMAP 31 21 33N 0465702E**  
**PEBAD 305023.09N 0472958.49E**  
**SIDAD 295231N 0482944E**

**UM690 ZELAF 325656N 0371121E**  
**DESLI 314921N 0365909E**  
**ELOXI 313359N 0364536E**  
**KULDI 311847 0363214E**  
**MAZAR 3048N 3610E**  
**METSA 2927N 3459E**

**M691 DEDAS 2630.2N 05014.4E**  
**KING FAHAD**  
**KUSAR 264741N 0490218E**  
**KEDAT 2721.8N 04759.0E**  
**ITIXI 275031N 0470435E**

**UM691 DEDAS 2630.2N 05014.4E**  
**KING FAHAD**  
**KUSAR 264741N 0490218E**  
**KEDAT 2721.8N 04759.0E**  
**ITIXI 275031N 0470435E**

**M762 REXOD 211230N 0613830E**  
**SUR 223159N 0592829E**  
**ITURA 232351N 0580720E**  
**ALMOG 233524N0574940E**  
**TAPRA 242607N 0563803E**  
**VAXAS 244308N 0561807E**  
**\* Note 7 (OM, OO)**  
**BUBIN 245742N 0560642E**

**M860 KUGOS 4246.8N 03405.3E**  
**SINOP (SIN)**  
**CARSAMBA (CRM)**  
**SRT 3754.6N 04152.9E**  
**KABAN N371456N 0423859E**  
**EMIDO 364411.33N 042 56 00E**  
**SEVKU 360548.02N 0431715.84E**  
**UMESA 351741.49N 0434306.89E**  
**TAGRU 342958.95N 0440816.67E**  
**PUTSI 333200N E044 3700E**  
**ITOVA 331950.91N 0444 28.97E**

**UM860 KUGOS 4246.8N 03405.3E**  
**SINOP (SIN)**  
**CARSAMBA (CRM)**  
**SRT 3754.6N 04152.9E**  
**KABAN N371456N 0423859E**  
**EMIDO 364411.33N 042 56 00E**  
**SEVKU 360548.02N 0431715.84E**  
**UMESA 351741.49N 0434306.89E**  
**TAGRU 342958.95N 0440816.67E**  
**PUTSI 333200N E044 3700E**  
**ITOVA 331950.91N 0444 28.97E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

SEPTU 331300N 0444400E  
LONOR 323838.63N 0450458.48E  
ULIMA 321500N 0451600E  
ITBIT 314735.20N 045 2916.57E  
RUGIR 303219.06N 046 0618.20E  
MOBIS 295108.84N 047 0457.39E

SEPTU 331300N 0444400E  
LONOR 323838.63N 0450458.48E  
ULIMA 321500N 0451600E  
ITBIT 314735.20N 045 2916.57E  
RUGIR 303219.06N 046 0618.20E  
MOBIS 295108.84N 047 0457.39E

M863 KING ABDUL AZIZ (JDW)  
214237N 0390948E  
GIBAP 212218N 0380931E  
TOMRU 204411N 0361950E  
ASKOL 1548.9N 02400.1E  
KITOB 1521.7N 02258.8E  
IPONO 150621 8.4N 0222436 50.0 E  
N'DJAMENA (FL) 1208.5N 01502.3E

UM861 ELEXI 3441.5N 04109.0E  
DIER-ZZOR (DRZ)  
ALEPPO (ALE)  
NISAP 364724N 0363830E

UM863 KING ABDUL AZIZ (JDW)  
214237N 0390948E  
GIBAP 212218N 0380931E  
TOMRU 204411N 0361950E  
ASKOL 1548.9N 02400.1E  
KITOB 1521.7N 02258.8E  
IPONO 150621 8.4N 0222436 50.0 E  
N'DJAMENA (FL) 1208.5N 01502.3E

UM877 VUSET 235540N 0590812E  
ITILA 234015N 0584817E  
KUSRA 232426N 0582611E

UM999 GS  
DITAR 265903N 0250000E  
KHG  
KUNAK  
(LUXOR) LXR  
DEDLI 2242 32N 03737 19E  
IMLER RAMSO 221706N  
0381653E  
KING ABDULAZIZ (JDW)

N300 DOH 2514.0N 05134.6E  
NAMLA 2505.5N 05233.3E  
KIRUM 250309N 0523132E  
\*Note 7/8 (OM)  
BOXAK 244536N 0540032E  
MIADA 245112N 0545736E

UN300 DOH 2514.0N 05134.6E  
NAMLA 2505.5N 05233.3E  
KIRUM 250309N 0523132E  
\*Note 7/8 (OM)  
BOXAK 244536N 0540032E  
MIADA 245112N 0545736E

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

	<b>TONVO 250500N 0563200E</b>		<b>TONVO 250500N 0563200E</b>
<b>N302</b>	<b>SIDAD 295231N 0482944E ALVIX 291915N 0482944E</b>	<b>UN302</b>	<b>SIDAD 295231N 0482944E ALVIX 291915N 0482944E</b>
<b>N303</b>	<b>(HARGEISA) HARGA PARIM 1231.7N 04327.2E RIBOK1547N 04152.5E LABNI 1656.3N 04109.4E</b>	<b>UN303</b>	<b>(HARGEISA) HARGA PARIM 1231.7N 04327.2E RIBOK1547N 04152.5E LABNI 1656.3N 04109.4E</b>
<b>N307</b>	<b>MILAD 320201N 0310406E LAKTO 323800N 0320500E</b>	<b>UN307</b>	<b>MILAD 320201N 0310406E LAKTO 323800N 0320500E</b>
		<b>UN315</b>	<b>ASPUX 174406N 0600006E KUTVI 184306N 0582642E Note:- 7 (OO/OB) SITOL 211604N 0552514E LOTOS 220000N 0503912E RAPMA 232256N 0482028E RESAL 240649N 0470427E KING KHALED (KIA)</b>
		<b>UN316</b>	<b>HALAIFA (HLF) 262603N 0391609E PASAM 273045N 0345542E</b>
<b>N318</b>	<b>QAA 314423N 0360926E ALNOR 313955N 0362507E ELOXI 313359N 0364536E GENEX 3129.6N 3700.9E GURIAT (GRY) ORKAS 3047.4N 03846.3 E NEVOL 3024.7N 03938.6E VELAL2946.0N 04038.4E TAMRO 2838.6N 04240.8E * Note7 (OE, OB, OM, OO) MOGON 2738.8N 04445.9E TAGSO 272744N 0454510E EGNOV 270301N 0474713E KUSAR 264741N 0490218E ASPAN 263255N 0494903E MEMBO 262425N 0504737E VATEL 255520N 0515353E</b>	<b>UN318</b>	<b>QAA 314423N 0360926E ALNOR 313955N 0362507E ELOXI 313359N 0364536E GENEX 3129.6N 3700.9E GURIAT (GRY) ORKAS 3047.4N 03846.3 E NEVOL 3024.7N 03938.6E VELAL2946.0N 04038.4E TAMRO 2838.6N 04240.8E * Note7 (OE, OB, OM, OO) MOGON 2738.8N 04445.9E TAGSO 272744N 0454510E EGNOV 270301N 0474713E KUSAR 264741N 0490218E ASPAN 263255N 0494903E MEMBO 262425N 0504737E VATEL 255520N 0515353E</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**LOXAT 252140N 0524523E**  
 \* Note7 (OM/OO) (segment  
**LOXAT - REXOD**  
~~GITEX 252609N 0523832E~~  
**KATIK 2517.1N 05315.2E**  
**ABU DHABI (ADV)**  
**KANIP 2410.7N 05520.7E**  
**LABRI 240344N 0553842E**  
 \* Note 8 (OO)  
**EGROK 235253N 0560126E**  
**LAKLU 232235N 0570401E**  
**GEVED 230105N 0575111E**  
**TOLDA 223720N 0583503E**  
**REXOD211230N 0613830E**

**LOXAT 252140N 0524523E**  
 \* Note7 (OM/OO) (segment  
**LOXAT-REXOD)**  
~~GITEX 252609N 0523832E~~  
**KATIK 2517.1N 05315.2E**  
**ABU DHABI (ADV)**  
**KANIP 2410.7N 05520.7E**  
**LABRI 240344N 0553842E**  
 \* Note 8 (OO)  
**EGROK 235253N 0560126E**  
**LAKLU 232235N 0570401E**  
**GEVED 230105N 0575111E**  
**TOLDA 223720N 0583503E**  
**REXOD211230N 0613830E**

**UN319 ZAHEDAN (ZDN)**  
**TABAS (TBS)**  
**DASHT-E-NAZ (DNZ)**  
**ULDUS- 3800.0N 05101.0E**  
**LUSAL 4035.0N 04757.0E**  
**ADEKI 4117.8N 04645.0E**  
**TBILIS (TBS)**  
**MUKHARANI (DF)**  
**ALI (BT)**  
**LOBIN 4210.9N 04306.4E**  
**IBERI 4209.6N 04143.3E**

**N324 PURDA 210805N 0510329E**  
**GOBRO 193622N 0534741E**  
**ASTUN 180832N 0551040E**

**UN324 PURDA 210805N 0510329E**  
**GOBRO 193622N 0534741E**  
**ASTUN 180832N 0551040E**

**N430 TARBO 244351N 0574637E**  
 \*Note 7/8 (OO)  
**ITLOB 244325N 0590701E**

**UN430 TARBO 244351N 0574637E**  
 \*Note 7/8 (OO)  
**ITLOB 244325N 0590701E**

**N440 MOBON 274414N 0552513E**  
**DARAX 260916N 0555307E**

**UN440 MOBON 274414N 0552513E**  
**DARAX 260916N 0555307E**

**UN555 BELGAUM (BBM)**  
**BISET 1823.4N 06918.1E**  
**KATBI 1931.6N 06500.0E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**N563**      **REXOD 211230N 0613830E**  
**\*Note 7 (OO.OM)**  
**EMURU 221357N 0585338E**  
**TULBU 230005N 0571827E**  
**MEKNA 223309N 0560815E**  
**\*Note 8 (OO)**  
**SODEX 234954N 0553202E**  
**NOBTO 235525N 0551840E**  
**ADV**  
**BALUS 254554N 0530424E**

**UN563**      **(BANGALORE) BBG**  
**REXOD 211230N 0613830E**  
**\*Note 7 (OO.OM)**  
**EMURU 221357N 0585338E**  
**TULBU 230005N 0571827E**  
**MEKNA 223309N 0560815E**  
**\*Note 8 (OO)**  
**SODEX 234954N 0553202E**  
**NOBTO 235525N 0551840E**  
**BALUS 254554N 0530424E**

**UN569**      **BONUM 221252N 0393805E**  
**RABTO 221608N 0400326E**  
**LOTOS**  
**Note:- 7 (OB/OO)**  
**TOKRA 220925N 0553350E**  
**TOPSO 215653N 0562043E**  
**MOGOK 215057N 0564236E**  
**KEBAS 214330N 0570948E**  
**GISKA 213503N 0574014E**  
**UMILA 211555N 0584738E**  
**GOLNI 210014N 0594130E**  
**LOTAV 203700N 0605700E**

**N571**      **PARAR 2226.5 N 06307E**  
**KIPOL 230410N 0612903E**  
**RAGMA 230600N 0610539E**  
**SODEB 234747N 0593023E**  
**VUSET 235540N 0590812E**  
**KIROP 243000N 0574700E**  
**\*Note 8 (OO)**  
**MENSA 245750N 0563249E**  
**\* Note 7 (OO OM)**  
**ATBOR 251007N 0551947E**  
**RANBI 251908N 0544500E**  
**SENTO 251908N 0544500E**  
**BALUS 254554N 0530424E**

**UN571**      **(GUNPI 0429.9N 09931.8E)**  
**(VAMPI 0610.9N 09735.1E)**  
**(MEKAR 0630.2N 06929.5E)**  
**(SUGID- 1933.1 N 06921.0E)**  
**PARAR 2226.5 N 06307E**  
**KIPOL 230410N 0612903E**  
**RAGMA 230600N 0610539E**  
**SODEB 234747N 0593023E**  
**VUSET 235540N 0590812E**  
**KIROP 243000N 0574700E**  
**\*Note 8 (OO)**  
**MENSA 245750N 0563249E**  
**\* Note 7 (OO OM)**  
**ATBOR 251007N 0551947E**  
**RANBI 251908N 0544500E**  
**SENTO 251908N 0544500E**  
**BALUS 254554N 0530424E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**N629** TARDI 243418N 0560915E  
\*Note 7 (OO)  
NOSMI 241757N 0563002E  
MUSUK 234320N 0572148E  
GEPOT 231446N 0580053E  
GIDAN 230104N 0582232E  
TOTOX 215030N 0622230E

**UN629** TARDI 243418N 0560915E  
\*Note 7 (OO)  
NOSMI 241757N 0563002E  
MUSUK 234320N 0572148E  
GEPOT 231446N 0580053E  
GIDAN 230104N 0582232E  
TOTOX 215030N 0622230E

**N638** KING KHALED (KIA)  
OVEKU 250955N 0445701E  
MADINAH (PMA)

**UN638** KING KHALED (KIA)  
OVEKU 250955N 0445701E  
MADINAH (PMA)

**N685** LOXAT 252140N 0524523E  
BOXAK 244536N 0540032E  
ADV 242508N 0544024  
\*Note 7/8 (OO/OM)  
RETAS 235754N 0553423E  
PUTSO 232037N 0565322E  
LAKLU 232235N 0570401E

**UN685** LOXAT 252140N 0524523E  
BOXAK 244536N 0540032E  
ADV 242508N 0544024  
\*Note 7/8 (OO/OM)  
RETAS 235754N 0553423E  
PUTSO 232037N 0565322E  
LAKLU 232235N 0570401E

**N687** KING KHALID (KIA)  
KINIB 254108N 0482317E  
KING FAHAD (KFA)

**UN687** KING KHALID (KIA)  
KINIB 254108N 0482317E  
KING FAHAD (KFA)

**N694** KING KHALD (KIA)  
TORKI 261400N 0463103E  
SIBLI 265459N 0462334E  
AKODI 275012N 0461320E  
HAFR AL BATIN 281949N  
0460746E (HFR)

**UN694** KING KHALD (KIA)  
TORKI 261400N 0463103E  
SIBLI 265459N 0462334E  
AKODI 275012N 0461320E  
HAFR AL BATIN 281949N  
0460746E (HFR)

**N764** NOBSU 171554N 0431318E  
MUKALLAH (RIN) 144015N  
0492329E  
SOCOTRA (SOC) 123749N  
0535429E  
SUHIL 120000N 0550000E  
NABAM 101112N 0581424E

**UN764** NOBSU 171554N 0431318E  
MUKALLAH (RIN) 144015N  
0492329E  
SOCOTRA (SOC) 123749N  
0535429E  
SUHIL 120000N 0550000E  
NABAM 101112N 0581424E

**N767** PARAR 222630N 0630700E

**UN767** PARAR 222630N 0630700E

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**VUSIN 225940N 0605510E**  
**\* Note 7 (OO)**  
**ATBED 230352N 0603752E**  
**ELIGO 232458N 0590848**

**VUSIN 225940N 0605510E**  
**\* Note 7 (OO)**  
**ATBED 230352N 0603752E**  
**ELIGO 232458N 0590848**

**UN881 RASKI 230330N 0635200E**  
**SETSI 230412N 0614410E**  
**KIPOL 230410N 0612903E**  
**ATBED 230352N 0603752E**  
**AMBOS 230324N 0595405**  
**MUSRU 230256N 0592223E**  
**\*Note 7 (OO)**  
**OBTIN 230216N 0585920E**  
**GIDAN 230104N 0582232E**  
**GEVED 230105N 0575111E**  
**TULBU 230005N 0571827E**

**N929 BALUS 254554N 0530424E**  
**NOBLA 255111N 0522740E**  
**BOSIX 260633N 05155554E**  
**TOBLI 262134N 0512301E**  
**SIKTA 263232N 0505552E**  
**RULEX 264529N 0501745E**  
**SILNO 264026N 0475745E**  
~~**NOBLA 255111N 0522740E**~~

**UN929 BALUS 254554N 0530424E**  
**NOBLA 255111N 0522740E**  
**BOSIX 260633N 05155554E**  
**TOBLI 262134N 0512301E**  
**SIKTA 263232N 0505552E**  
**RULEX 264529N 0501745E**  
**SILNO 264026N 0475745E**  
~~**NOBLA 255111N 0522740E**~~

**UP146 RASHT (RST)**  
**AGINA 3919.4N 04405.2E**  
**(AGRI) (ARI)**  
**(YAVUZ 4002.7N 04226.0E)**  
**(TRABZON (TBN))**

**P302 HALAIFA (HLF)**  
~~**\*Note 3(OE,OJ)**~~  
~~**GURIAT (GRY)**~~  
~~**HAZEM**~~

**UP302 HALAIFA (HLF)**  
~~**\*Note 3(OE,OJ)**~~  
~~**GURIAT (GRY)**~~  
~~**HAZEM**~~

**P307 (SHJ) 251944.9N 0553118.1E**  
**Note 7 (OM,OO)**  
**TONVO 250500N 0563200E**  
**PURNI 243804N 0574354E**  
**\*Note 8 (OO)**  
**KUNUS 241927N 0583226E**

**UP307 (SHJ) 251944.9N 0553118.1E**  
**Note 7 (OM,OO)**  
**TONVO 250500N 0563200E**  
**PURNI 243804N 0574354E**  
**\*Note 8 (OO)**  
**KUNUS 241927N 0583226E**



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**ALSAS 240054N 0591955E**  
**DORAB 235033N 0594746E**  
**VAXIM 231900N 0611100E**  
**SETSI 230412N 0614410E**  
**PARAR 222630N 0630700E**

**ALSAS 240054N 0591955E**  
**DORAB 235033N 0594746E**  
**VAXIM 231900N 0611100E**  
**SETSI 230412N 0614410E**  
**PARAR 222630N 0630700E**

**P312 MUKALLA (RIN)**  
**PAKER 1155.0N0463500E**  
**(HARGEISA) HARGA**

**UP312 MUKALLA (RIN)**  
**PAKER 1155.0N0463500E**  
**(HARGEISA) HARGA**

**P316 SALALLAH (SLL)**  
**\* Note 7 (OO)**  
**DAXAM 171612N 0544715E**  
**GAGLA 180505N 0552410E**  
**GIVNO 195011N 0563059E**  
**MOBAB 201032N 0564415E**  
**GISKA 213503N 0574014E**  
**RADAX 220809N 0580230E**  
**MUSCAT (MCT)**

**UP316 SALALLAH (SLL)**  
**\* Note 7 (OO)**  
**DAXAM 171612N 0544715E**  
**GAGLA 180505N 0552410E**  
**GIVNO 195011N 0563059E**  
**MOBAB 201032N 0564415E**  
**GISKA 213503N 0574014E**  
**RADAX 220809N 0580230E**  
**MUSCAT (MCT)**

**UP323 DONSA 1435.3N06511.6E**  
**GIDAS 142004N0600000E**  
**NODMA 1526.0N05334.0E**  
**THAMUD 1717.0N 04955.0E**  
**WDR**

**P425 DAHRAN (DHA)**  
**BAHRAIN (BAH)**  
**TORNA 263336N 0504212E**  
**ALSER 271100N 0504900E**

**UP425 DAHRAN (DHA)**  
**BAHRAIN (BAH)**  
**TORNA 263336N 0504212E**  
**ALSER 271100N 0504900E**

**P430 DOHA (DOH)**  
**BAYAN 252926N 0514849E**  
**MIDSI 264142N 05155442E**

**UP430 DOHA (DOH)**  
**BAYAN 252926N 0514849E**  
**MIDSI 264142N 05155442E**

**P513 BUBAS 245938N 0570003E**  
**GERAR 240600N 0573616E**  
**MIBSI 234139N 0575523E**  
**\* Note 7 (OO)**  
**MUSCAT (MCT)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

		<b>UP517</b>	<b>WAFRA (KFR) GOVAL KMC</b>
		<b>UP552</b>	<b>DATEG 123549N 0471627E ULAXI 141524N 0482317E GINBO 160349N 0494017E IMPOS 183137N 0511848E</b>
		<b>UP555</b>	<b><del>NUWEIBAA (NWB)</del> *See Note 3 <del>RASDA 3306.0N 03057.0E</del> <del>(KAVOS)</del></b>
<b>P557</b>	<b>NUBAR 220000N 0313806E *SeeNote 6&amp;7 MISUK 290507N 0290621E KATAB 292501N0290506E</b>	<b>UP557</b>	<b>NUBAR 220000N 0313806E *SeeNote 6&amp;7 MISUK 290507N 0290621E KATAB 292501N0290506E</b>
<b>P559</b>	<b>(LARNACA) LCA KUKLA 3414.6N 3444.8E KHALDEH (KAD) <del>DAKWE 3338.9N 03555.0E</del> * Note 4 (OS) DAMASCUS * Note 3(OS,OJ) TURAIF (TRF) KAVID 3035.9N 04011.8E TOKLU 2942.1N 04202.4E RASMO 2857.2N 04331.3E KMC MUSKO 2726.7N 04737.1E KEDAT 2721.8N 04759.0E JUBAIL (JBL) GASSI 2702.9N 05022.5E UMAMA 2658.5N 05046.8E LOTIT 2648.9N 05112.6E VUXOR 2553.7N 05322.0E</b>	<b>UP559</b>	<b>(LARNACA) LCA KUKLA 3414.6N 3444.8E KHALDEH (KAD) <del>DAKWE 3338.9N 03555.0E</del> DAMASCUS (DAM) ROSLI 3154.3N 03836.8E * Note 3 (OS,OJ) TURAIF (TRF) KAVID 3035.9N 04011.8E TOKLU 2942.1N 04202.4E RASMO 2857.2N 04331.3E KMC MUSKO 2726.7N 04737.1E KEDAT 2721.8N 04759.0E JUBAIL (JBL) GASSI 2702.9N 05022.5E UMAMA 2658.5N 05046.8E LOTIT 2648.9N 05112.6E VUXOR 2553.7N 05322.0E</b>
		<b>UP567</b>	<b>BIRJAND (BJD) ODKAT 3540.6N 05457.2E DASHT-E-NAZ (DNZ) 3638.7N 05311.4E</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**P570**      **KITAL 2003N 06018E**  
**MIBSI 234139N 0575523E**

**UP570**      **TRIVENDRUM (TVM)**  
**POMAN 1156.1N 07200.0E**  
**LATEB 1717.1N 06422.0E**  
**KITAL 2003N 06018E**  
**MIBSI 234139N 0575523E**

**UP574**      **(BELGAUM) BBM**  
**(BISET- 1823.4N 06918.1E)**  
**TOTOX 215030N 0622230E**  
**\* Note 7 (OO)**  
**KUSRA 231726N 0585102E**  
**MIBSI 234138N 0575525E**  
**SOLUD 243223N 0564421E**  
**GISMO 244743N 0562236E**  
**BUBIN 245742N 0560642E**  
**TUKLA 2519.6N 05540.2E**  
**KUMUN 254000N 0551512E**  
**\* Note 7 (KUMUN-PAPAR)**  
**PAPAR 264000N 0542700E**  
**SHIRAZ**  
**SAVEH (SAV)**  
**ULDUS**

**UP634**      **LALDO 251806N 0563600E**  
**ATBOR 251007N 0551947E**

**P693**      ~~**BUNDU 250024N 0522924E**~~  
~~**BATHA 241257N 0512707E**~~  
~~**ALAHSA 251645N 0492903E**~~

**UP693**      ~~**BUNDU 250024N 0522924E**~~  
~~**BATHA 241257N 0512707E**~~  
~~**ALAHSA 251645N 0492903E**~~

**P751**      **BRN 3134.5N 02600.3E**  
**KATAB 2925.0N 2905.1E**  
**AST 2701.9N 03101.9E**  
**LUXOR (LXR)**  
**ALEBA 2200.0N 03527.0E**  
**PORT SUDAN**  
**[ASMARA] \* Note 1**

**UP751**      **BRN 3134.5N 02600.3E**  
**KATAB 2925.0N 2905.1E**  
**AST 2701.9N 03101.9E**  
**LUXOR (LXR)**  
**ALEBA 2200.0N 03527.0E**  
**PORT SUDAN**  
**[ASMARA] \* Note 1**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**ASSAB 1304.0N 04238.8E**  
**PARIM 1231.7N 04327.2E**  
**ADEN**  
**ANGAL 1614.0N 06000.0E**  
**(MUMBAI) BBB**

**ASSAB 1304.0N 04238.8E**  
**PARIM 1231.7N 04327.2E**  
**ADEN**  
**ANGAL 1614.0N 06000.0E**  
**(MUMBAI) BBB**

**P899**      **\*Note 7 (OO,OM/OB)**  
**MIBSI 234139N 0575523E**  
**PAXIM 240245N 05617631E**  
**ITRAX 241248N 0554749E**  
**AL AIN (ALN)**  
**ABU DHABI**  
**DASLA N2437.8 E05332.8**  
**VEBAT N2448.5 E05251.0**  
**MEKMA N245430 E0522506**  
**\*Note 8 (OB)**  
**KUPSA N250445 E0521151**

**UP891**      **MAGALA (MGA)**  
**EGNOV**  
**EMILU**  
**KUNRU 283220N 0481050E**  
**KUWAIT (KUA)**

**UP899**      **\*Note 7 (OO,OM/OB)**  
**MIBSI 234139N 0575523E**  
**PAXIM 240245N 05617631E**  
**ITRAX 241248N 0554749E**  
**AL AIN (ALN)**  
**ABU DHABI**  
**DASLA N2437.8 E05332.8**  
**VEBAT N2448.5 E05251.0**  
**MEKMA N245430 E0522506**  
**\*Note 8 (OB)**  
**KUPSA N250445 E0521151**

**P975**      **NOLDO 324932N 0452129E**  
**\*Note7**  
**KATUT 323737N 0453439E**  
**DENKI 322228N 0455122E**  
**ILMAP 312133N 0465702E**  
**PEBAD 305023N 0472958E**  
**SIDAD 295231N 0482944E**  
**LOVAR 2924.4N 04846.1E**  
**SESRA 2908000N 004854.9E**  
**DANAL 2851.5N 04904.8E**

**IMDOX 2834.9N 04914.6E**  
**LONOS 283027N 0491713E**  
**DETKO 280550N 0493130E**  
**TOLMO 2655.1N 05029.4E**  
**TORNA 2633.6N 05042.2E**  
**MEMBO 262425N 0504737E**

**UP975**      **(ELAZIG) EZS**  
**\*Note7**  
**(DYB) 384225N 0391328E**  
**LESRI 370420N 0411348E**  
**SIDNA 3634.0N 04141.0E**  
~~**KANOK 363358N 0414059E**~~  
**TUBEN 351724N 0425434E**  
**MUTAG 343003N 0433834E**  
**SOGUM 341212N 0435454E**  
~~**SINKA ETBOM 332137N**~~  
~~**0444753E**~~  
**NOLDO 324932N 0452129E**  
**KATUT 323737N 0453439E**  
**DENKI 322228N 0455122E**  
**ILMAP 312133N 0465702E**  
**PEBAD 305023N 0472958E**  
**SIDAD 295231N 0482944E**  
**LOVAR 2924.4N 04846.1E**  
**SESRA 2908000N 004854.9E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**DANAL 2851.5N 04904.8E**  
**IMDOX 2834.9N 04914.6E**  
**LONOS 283027N 0491713E**  
**DETKO 280550N 0493130E**  
**TOLMO 2655.1N 05029.4E**  
**TORNA 2633.6N 05042.2E**  
**MEMBO 262425N 0504737E**

**R2**      **ATMUL 220000N 0290527E**  
**TULOP 252209N 0262226E**  
**DITAR 265903N 0250000E**

**R205**     **ANARAK (ANK)**  
**BIRJAND (BJD)**

**R219**     **SHARJAH (SHJ)**  
**\*Note 7 (OB, OM)**  
~~**RATUN 2646.2N 05108.0E**~~  
~~**DEDAS 2630.2N 05014.4E**~~  
~~**KING FAHD (KFA)**~~  
**\*Note 7 (OB)**  
~~**BOROP 2653 17 N 04852 03E**~~  
~~**KEDAT 2721 49N 04759 01E**~~

**R401**     **AMPEX 08 10.0N 055 00.0E**  
**SUHIL 1200.0N 05500.0E**  
**DAPAP 151115N 0552354E**  
**KIVEL 165306N 0553633E**  
**ERDAX 175903N 0554458E**  
**HAIMA (HAI)**  
**DEMKI 224941N 0562308E**  
**MUSAP 241754N 0555245E**  
**GIDIS 243600N 0555600E**  
**RAS AL KHAIMAH (RAK)**  
**DARAX**  
**GHESHM (KHM)**

**R402**     **LAKLU 232235N 0570401E**  
**\*Note 7 (OO)**  
**HAIMA (HAI)**

**UR2**      **ATMUL 220000N 0290527E**  
**TULOP 252209N 0262226E**  
**DITAR 265903N 0250000E**

**UR205**    **ANARAK (ANK)**  
**BIRJAND (BJD)**

**UR219**    **OTILA 3201.5N 03901.9E**  
**\*Note 7**  
**MODAD**  
**SOKAN**  
**RAFIF**  
**SULAF**  
**FIRAS**

**UR401**    **AMPEX 08 10.0N 055 00.0E**  
**SUHIL 1200.0N 05500.0E**  
**DAPAP 151115N 0552354E**  
**KIVEL 165306N 0553633E**  
**ERDAX 175903N 0554458E**  
**HAIMA (HAI)**  
**DEMKI 224941N 0562308E**  
**MUSAP 241754N 0555245E**  
**GIDIS 243600N 0555600E**  
**RAS AL KHAIMAH (RAK)**  
**DARAX**  
**GHESHM (KHM)**

**UR402**    **LAKLU 232235N 0570401E**  
**\*Note 7 (OO)**  
**HAIMA (HAI)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**R462 (JIWANI) JI**  
**DENDA 2442.5N 06054.8E**  
**VUSET 235540N 0590812E**  
**\*Note 7 (OO)**  
**MIBSI 234139N 0575523E**

**UR462 (JIWANI) JI**  
**DENDA 2442.5N 06054.8E**  
**VUSET 235540N 0590812E**  
**\*Note 7 (OO)**  
**MIBSI 234139N 0575523E**

**R650 ASRAB 2547.4N 03306.3E**  
**HURGHADA (HGD)**  
**SHARM EL SHEIKH (SHM)**  
**NUWEIBAA (NWB)**  
**NALSO 2932.0N 03453.0E**

**UR650 ASRAB 2547.4N 03306.3E**  
**HURGHADA (HGD)**  
**SHARM EL SHEIKH (SHM)**  
**NUWEIBAA (NWB)**  
**NALSO 2932.0N 03453.0E**

**R652 OVANO 3148.0N 03909.8E**  
**TURAIIF (TRF)**  
**\*Note 7(OE)**  
**GURIAT (GRY)**  
**QATRANEH (QTR)**  
~~**AQABA**~~  
**METSA 2930.0N 03500.0E**

**UR652 OVANO 3148.0N 03909.8E**  
**TURAIIF (TRF)**  
**\*Note 7(OE)**  
**GURIAT (GRY)**  
**QATRANEH (QTR)**  
~~**AQABA**~~  
**METSA 2930.0N 03500.0E**

**R654 ZANJAN (ZAJ)**  
**SAVEH (SAV)**  
**ESFAHAN (ISN)**  
**YAZD (YZD)**  
**KERMAN (KER)**  
**NABOD 2816.1N 05825.3E**  
**CHAH BAHAR (CBH)**  
**EGTAL 243458N 0603724E**  
**VAXIM 231900N 0611100E**

**UR654 MAGRI 385408N 0462300E**  
**ZANJAN (ZAJ)**  
**SAVEH (SAV)**  
**ESFAHAN (ISN)**  
**YAZD (YZD)**  
**KERMAN (KER)**  
**NABOD 2816.1N 05825.3E**  
**CHAH BAHAR (CBH)**  
**EGTAL 243458N 0603724E**  
**VAXIM 231900N 0611100E**

**R655 (LARNACA) LCA**  
**CHEKA (CAK)**  
**KARIATAIN (KTN)**

**UR655 (LARNACA)**  
**CHEKA (CAK)**  
**KARIATAIN (KTN)**

**R659 TEHRAN(TRN)**  
**\*Note 7 (ISN-TRN)**  
**BOXAM 343749N 0515147E**  
**DAPOG 333744N 0522331E**  
**SHIRAZ (SYZ)**  
**DOHA (DOH)**  
**BATHA (BAT) 241257N**  
**0512707E**

**UR659 TEHRAN(TRN)**  
**\*Note 7 (ISN-TRN)**  
**BOXAM 343749N 0515147E**  
**DAPOG 333744N 0522331E**  
**SHIRAZ (SYZ)**  
**DOHA (DOH)**  
**BATHA (BAT) 241257N 0512707E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**MIGMA 225035N 0512749E**  
**PURDA 210805N 0510329E**  
**ASTIN 200410N 0495320E**  
**SHARURAH (SHA)**  
**ATBOT 171418N 0464706E**  
**RAGNI 163454N 0454815E**  
**LOPAD 161651N 0453738E**  
**ITOLI 152825N 0450927E**  
**OBNAM 144541N 0444448E**  
**GEVEL 141229N 0442547E**  
**NOPVO 135436N 0441536E**  
**TAZ 134149.53N 0440818.98E**  
**PARIM 123142N 0432712E**

**MIGMA 225035N 0512749E**  
**PURDA 210805N 0510329E**  
**ASTIN 200410N 0495320E**  
**SHARURAH (SHA)**  
**ATBOT 171418N 0464706E**  
**RAGNI 163454N 0454815E**  
**LOPAD 161651N 0453738E**  
**ITOLI 152825N 0450927E**  
**OBNAM 144541N 0444448E**  
**GEVEL 141229N 0442547E**  
**NOPVO 135436N 0441536E**  
**TAZ 134149.53N 0440818.98E**  
**PARIM 123142N 0432712E**

**R660 (ERZURUM) (ERZ)**  
**DASIS 38 54.5N 044 12.5E**  
**TABRIZ (TBZ)**  
**RASHT (RST)**  
**TEHRAN (TRN)**

**UR660 (ERZURUM) (ERZ)**  
**RASHT (RST)**  
**TEHRAN (TRN)**

**R661 DULAV 3857.0N 04537.9E**  
**TABRIZ (TBZ)**  
**ZANJAN (ZAJ)**  
**RUDESHUR (RUS)**  
**VARAMIN (VR)**  
**DEHNAMAK (DHN)**

**UR661 DULAV 3857.0N 04537.9E**  
**TABRIZ (TBZ)**  
**ZANJAN (ZAJ)**  
**RUDESHUR (RUS)**  
**VARAMIN (VR)**  
**DEHNAMAK (DHN)**

**UR674 SABEL 185158N 0520339E**  
**LOTEL 180926N 0514103E**  
**PASUL 180341N 0513803E**  
**GOGRI 170752N 0510857E**  
**OBTAS 164633N 0505756E**  
**RARBA 161021N 0503920E**  
**UKORA 152407N 0501547E**  
**NAKAD 150056N 0500402E**  
**DANAN 144010N 0495334E**  
**XABIL 142924N 0494809E**  
**EMABI 141627N 0494139E**  
**PAXED 135027N 0492759E**  
**DEMGO 120258N 0483040E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**R775 LUXOR (LXR) 254458N  
0324607E  
DEDLI 2242 32N 03737 19E  
KING ABDULAZIZ (JDW)  
TOKTO 194421N 00395945E  
DANAK 1608.0N 04129.0E  
(ASSAB) SB**

**UR775 LUXOR (LXR) 254458N  
0324607E  
DEDLI 2242 32N 03737 19E  
KING ABDULAZIZ (JDW)  
TOKTO 194421N 00395945E  
DANAK 1608.0N 04129.0E  
(ASSAB) SB**

**R777 DANAK 1608.0N 04129.0E  
SANA'A  
TAIZ  
ARABO 1238.8N 04404.0E  
TORBA 1210.6N 04402.1E**

**UR777 DANAK 1608.0N 04129.0E  
SANA'A  
TAIZ  
ARABO 1238.8N 04404.0E  
TORBA 1210.6N 04402.1E**

**R784 SHARJAH (SHJ)  
ORSAR 2604.5N 05357.5E  
DURSI 2712.3N 05201.7 E  
IMDAT 2740.0N 05113.0E  
ALNIN 2840.9N 05001.6E  
NANPI 290457N 0493157E  
SIDAD 295231N 0482944E**

**UR784 SHARJAH (SHJ)  
ORSAR 2604.5N 05357.5E  
DURSI 2712.3N 05201.7 E  
IMDAT 2740.0N 05113.0E  
ALNIN 2840.9N 05001.6E  
NANPI 290457N 0493157E  
SIDAD 295231N 0482944E**

**R785 TURAIF (TRF)  
ZELAF 3257.0N 03800.0E  
KARIATAIN (KTN)  
BANIAS (BAN)  
NIKAS 3511.6N 03543.0E**

**UR785 TURAIF (TRF)  
ZELAF 3257.0N 03800.0E  
KARIATAIN (KTN)  
BANIAS (BAN)  
NIKAS 3511.6N 03543.0E**

**R794 ULDUS 3810.0N 05020.0E  
NOSHAHR (NSR)  
DEHNAMAK (DHN)  
TABAS (TBS)  
BIRJAND (BJD) \* Note 5 (OI)**

**UR794 ULDUS 3810.0N 05020.0E  
NOSHAHR (NSR)  
DEHNAMAK (DHN)  
TABAS (TBS)  
BIRJAND (BJD) \* Note 5 (OI)**

**R799 IMPOS 183136N 0511848 E  
PASUL 180341N 0513803E  
TONRO 165850N 0522235E  
ASMAK 162327N 0524634E  
ENADO 153333N 0532015E**

**UR799 IMPOS 183136N 0511848 E  
PASUL 180341N 0513803E  
TONRO 165850N 0522235E  
ASMAK 162327N 0524634E  
ENADO 153333N 0532015E**

-----



## APPENDIX E

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

(Serial No: MID Basic ANP 11/-- -ATM)

- a) **Plan:** Air Navigation Plan, Middle East Region (Doc 9708), Volume I Basic ANP
- b) **Proposed amendment:** Editorial note: Amendments are arranged to show deleted text using ~~text to be deleted~~ and added text with grey shading **text to be inserted**

<b>A16</b>	<b>RASDA 330600N 0305700E</b>		<b>UA16</b>	<b>RASDA 330600N 0305700E</b>
	<del>MILAD MELDO 320201N 03104406E</del>			<del>MILAD MELDO 320201N 03104406E</del>
	<b>BALTIM (BLT) 313144N 0311035E</b>			<b>BALTIM (BLT) 313144N 0311035E</b>
	<b>DEGDI 311429N 0311035E</b>			<b>DEGDI 311429N 0311035E</b>
	<b>CAIRO (CVO) 300532N 0312318E</b>			<b>CAIRO (CVO) 300532N 0312318E</b>
<b>A145</b>	<b>PLH 3513.7N 02340.9E</b>		<b>UA145</b>	<b>PLH 3513.7N 02340.9E</b>
	<b>SALUN 340000N 0242700E *</b>			<b>SALUN 340000N 0242700E *</b>
	<b>BRN 3134.5N 02600.3E</b>			<b>BRN 3134.5N 02600.3E</b>
	<b>KHG 2526.9N 03035.4E</b>			<b>KHG 2526.9N 03035.4E</b>
	<b>LUXOR (LXR) 254458 N 0324607E 2445.0N 03246.1E</b>			<b>LUXOR (LXR) 254458 N 0324607E 2445.0N 03246.1E</b>
	<b>IMRAD 260500N 0354400E</b>			<b>IMRAD 260500N 0354400E</b>
	<b>WEJH 2610.8N 03629.3E</b>			<b>WEJH 2610.8N 03629.3E</b>
	<b>HLF 262600N 03916.1E</b>			<b>HLF 262600N 03916.1E</b>
	<b>GASSIM 2617.9N 04346.8E</b>			<b>GASSIM 2617.9N 04346.8E</b>
	<b>MGA 2617.3N 04712.4E</b>			<b>MGA 2617.3N 04712.4E</b>
	<b>ALMAL 2615.9N 04821.1E</b>			<b>ALMAL 2615.9N 04821.1E</b>
	<b>KING FAHD 2621.9N 04949.2E</b>			<b>KING FAHD 2621.9N 04949.2E</b>
<b>A411</b>	<b>(CAIRO) 3005.5N 03123.3E</b>		<b>UA411</b>	<b>(CAIRO) 3005.5N 03123.3E</b>
	<b>MENLI 2947.0N 03152.1E</b>			<b>MENLI 2947.0N 03152.1E</b>
	<del>KAMIS KAPIT 2917.0N 03236.1E</del>			<del>KAMIS KAPIT 2917.0N 03236.1E</del>
	<b>SHARM EL SHEIKH</b>			<b>SHARM EL SHEIKH</b>
	<b>PASAM 2730.8N 03455.7E</b>			<b>PASAM 2730.8N 03455.7E</b>
	<b>*Note 7(OE)</b>			<b>*Note 7(OE)</b>
	<b>WEJH 2610.8N 03629.3E</b>			<b>WEJH 2610.8N 03629.3E</b>
	<b>MUVAT 2537.9N 03654.8E</b>			<b>MUVAT 2537.9N 03654.8E</b>
	<b>YEN 2409.0N 03802.3E</b>			<b>YEN 2409.0N 03802.3E</b>
	<b>JDW 2140.7N 03910.0E</b>			<b>JDW 2140.7N 03910.0E</b>
	<b>QUN 1922.2N 04104.5E</b>			<b>QUN 1922.2N 04104.5E</b>
	<b>TALIB 1838.9N 04131.2E</b>			<b>TALIB 1838.9N 04131.2E</b>
	<b>GIZ 1654.5N 04234.7E</b>			<b>GIZ 1654.5N 04234.7E</b>
	<b>NABAN 1631.4N 04301.8E</b>			<b>NABAN 1631.4N 04301.8E</b>
	<b>IMSIL 1557.6N 04313.2E</b>			<b>IMSIL 1557.6N 04313.2E</b>
	<b>SAA 1530.0N 04413.2E</b>			<b>SAA 1530.0N 04413.2E</b>
<b>A974</b>	<b>KANAR 322727N 0265330E</b>		<b>UA974</b>	<b>KANAR 322727N 0265330E</b>
	<b>AMIBO 3456.7N 2136.4E</b>			<b>AMIBO 3456.7N 2136.4E</b>

		<b>UL768</b>	<b>MENSA 245750N 0563249E</b>
			<b>AVAMI 2505.9N 05556.8E</b>
			<b>*Note 7</b>
			<b>ATBOR 2510.1N 05519.8E</b>
			<b>RANBI 251908N 0544500E</b>
			<b>DUVGA 2530.3N 05403.5E</b>
			<b>BALUS 254554N 0530424E</b>
			<b>ELAXI 260000N 0523500E</b>
			<b>IMTAS 281800N 0515700E</b>
			<b>DAXAS 2621.3N 0515000E</b>
			<b>ASMOR 2636.7 0511700E</b>
			<b>TOLMO 265504N 0502927E</b>
			<b>RAMSI 270249N 0500714E</b>
			<b>ALVUN 271028N 0494455E</b>
			<b>KISAB 272335N 0490606E</b>
			<b>COPPI 2750.6N 04744.0E</b>
			<b>HFR</b>
			<b>VATIM 2851.6N 04444.7E</b>
			<b>RAFHA (RAF)</b>
			<b>ARAR (AAR)</b>
			<b>OVANO3148.0N 03909.9E</b>
			<b>OTILA 3201.5N 03901.9E</b>
			<b>MODAD 3235.7N 03841.6E</b>
			<b>SOKAN 3308.1N 03822.1E</b>
			<b>RAFIF 3312.8N 03819.3E</b>
			<b>SULAF 3327.3N 03810.4E</b>
			<b>FIRAS 3352.3N 03755.2E</b>
		<b>UL572</b>	<b>KAMISHLY (KML)</b>
			<b>LESRI 3704.3N 04113.8E</b>
			<b>HASSAKEH (HAS) 3629N</b> <b>04045.3E</b>
			<b>DIER ZZOR (DRZ)</b>
			<b>TANF (TAN)</b>
<b>P751</b>	<b>AMIBO 3456.7N 2136.4E</b>	<b>UP751</b>	<b>AMIBO 3456.7N 2136.4E</b>
	<b>BRN 3134.5N 02600.3E</b>		<b>BRN 3134.5N 02600.3E</b>
	<b>KATAB 2925.0N 2905.1E</b>		<b>KATAB 2925.0N 2905.1E</b>
	<b>AST 2701.9N 03101.9E</b>		<b>AST 2701.9N 03101.9E</b>
	<b>LUXOR (LXR)</b>		<b>LUXOR (LXR)</b>
	<b>ALEBA 2200.0N 03527.0E</b>		<b>ALEBA 2200.0N 03527.0E</b>
	<b>PORT SUDAN</b>		<b>PORT SUDAN</b>
	<b>[ASMARA] * Note 1</b>		<b>[ASMARA] * Note 1</b>
	<b>ASSAB 1304.0N 04238.8E</b>		<b>ASSAB 1304.0N 04238.8E</b>
	<b>PARIM 1231.7N 04327.2E</b>		<b>PARIM 1231.7N 04327.2E</b>
	<b>ADEN</b>		<b>ADEN</b>
	<b>ANGAL 1614.0N 06000.0E</b>		<b>ANGAL 1614.0N 06000.0E</b>
	<b>(MUMBAI) BBB</b>		<b>(MUMBAI) BBB</b>
		<b>UR219</b>	<b>KUKLA 3414.6N 03444.8E</b>
			<b>KALDE (KAD)</b>
			<b>OTILA 3201.5N 03901.9E</b>
			<b>*Note 7</b>
			<b>MODAD</b>

				<b>SOKAN</b>
				<b>RAFIF</b>
				<b>SULAF</b>
				<b>FIRAS</b>

- c) **Originated by:** ATM/SAR/AIS SG/12 meeting
- d) **Originator’s reasons for amendment:** As a result of re-aligning some of the routes in the FIR giving direct tracks in order to avoid congestion. This therefore improves operational efficiency, increases Safety and reduces environmental emission.
- e) **Intended date of implementation:** As soon as practicable after approval
- f) **Proposal circulated to following States and organizations:**

Bahrain	Qatar
Cyprus	Saudi Arabia
Egypt	Sudan
Gece	
Iran, Islamic Republic of	Syrian Arab Republic
Iraq	Turkey
Israel	United Arab Emirates
Jordan	Yemen
Kuwait	IACA
Lebanon	IATA
Libya	IFALPA
Malta	
Oman	

- g) **Secretariat’s comments:** DueThe new RNAV route UM690 is established between ZELAF (AMMAN/DAMASCUS FIR) and METSA (AMMAN/CAIRO FIR)the ATS route is within the AMMAN FIR and is intended to reduce distance flown on ATS rout A412 and relieve congestions over Queen Alia and Qatraneh TMA’s, which will enhance traffic flows, and ATS route efficiency.

-----



ATM/SAR/AIS SG/12-WP/3  
APPENDIX F

## APPENDIX F

October 7, 2011

Mr. Luis Del Fonseca Almeida  
Regional Director EUR/NAT  
ICAO  
Paris

### Temporary corridor in the Libyan no-fly zone (NFZ) for commercial air traffic

Dear Sir

With respect to the unpredictable continued Greek economic/ATC problems and the resulting significant penalties to the airlines in terms of delays and re-routings, IATA is permanently looking for potential solutions to relieve this economically critical situation as much as possible.

The purpose of this letter is to ask for your assistance in a related much needed temporary airspace design change.

IATA is proposing the following temporary direct routes (DCTs) to connect Malta through the Libyan NFZ (north eastern part) with Egypt:

- AMIBO-BRN for southbound traffic
- KANAR-AMIBO for northbound traffic

Because the Greek airspace partially borders with the Libyan NFZ, today, commercial air traffic cannot bypass the Greek airspace southwest of its border. The proposed ATS route segments would bring a temporary solution/relief. Both routes have been assessed by Eurocontrol and found to be the most suitable connections. At the same time, NATO is considering to gradually re-open the Libyan upper airspace from FL290 onwards. Furthermore, the proposed DCTs are situated over the high seas which could allow a deviation from the UN resolution governing the NFZ over Libya more easily.

Given the worsening situation in Greece without a visible near-future solution to the problem, and in order to protect the economic interests of the affected airline industry, IATA is kindly requesting assistance with the possibility for an urgent implementation of the proposal.

Sincerely,

Robert M. Tod

Regional Director  
Safety, Operations & Infrastructure, Europe

International Air Transport Association

Avenue Louise 350  
B-1050 Brussels  
Belgium  
Tel: +32 (0) 2 626 18 42  
Fax: +32 (0) 2 648 51 35



International  
Civil Aviation  
Organization

Organisation  
de l'aviation civile  
internationale

Organización  
de Aviación Civil  
Internacional

Международная  
организация  
гражданской  
авиации

منظمة الطيران  
المدنى الدولى

國際民用  
航空組織

ES AN 1/10 – 0893

17 October 2011

**Subject: Proposal for Amendment of the ICAO AFI Basic Air Navigation Plan, Volume I, Basic ANP (Doc 7474) (Serial No.: AFI Basic ANP ESAF 11/2 - ATS)**

**Action required: Reply before 28 October 2011**

Sir/Madam,

I wish to draw your attention to the attached proposal for amendment of the ICAO AFI Air Navigation Plan, Volume I, Basic ANP (Doc 7474), (Serial No.: AFI Basic ANP ESAF 11/2 – ATS). This amendment has been made in support of Strategic Objectives A – *Safety* and C – *Environmental Protection and Sustainable Development of Air Transport*.

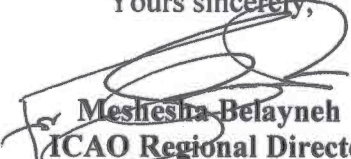
The proposal is originated by IATA and is consequential to discussions which took place within the Special Coordination Meetings (NATO, ICAO, IATA, EUROCONTROL, Libya and adjacent States) on the return of Libyan airspace to Libya in September and October 2011, following restrictions imposed by various United Nations Security Council Resolutions (UNSCRs) in consideration of user requirements.

In accordance with established procedures for the amendment of Air Navigation Plans, I am to inquire whether your Administration has any objection to the proposal.

Since it is desirable to finalize action on this proposal with the minimum of delay, I shall be grateful if you would let me have your reply at the earliest practicable date, and, in any event, **not later than 28 October 2011**.

In the event that the views of your Administration are not received by that date, it will be presumed that it has no objection to the proposed changes and the proposal will be processed accordingly.

Yours sincerely,

  
Meshesha Belayneh 17/10  
ICAO Regional Director  
Eastern and Southern African Office

**Enclosure**

**Appendix A: Proposal for Amendment of the ICAO AFI Basic Air Navigation Plan (Doc.7474) Volume I, Basic ANP (Serial No.: A Basic ANP ESAF 11/2 - ATS)**

**PROPOSAL FOR AMENDMENT OF THE ICAO BASIC AIR NAVIGATION PLAN,  
VOLUME 1, (DOC 7474)**

**(Serial No.: AFI Basic ANP ESAF 11/2 - ATS)**

- a) **Plan:** AFI Basic Air Navigation Plan (Doc 7474)
- b) **Proposed amendment:** Editorial note: Amendments are arranged to show "deleted text" using ~~text to be deleted~~ and "added text" with grey shading ~~text to be inserted~~.
1. **Amend** requirement for ATS Route ~~P751/UP751~~ as follows:
- ~~AMIBO 3457N 02136E~~  
~~Sidi Barrani, VOR/DME (BRN)~~  
~~KATAB 2925N 02905E~~  
~~KUNKI 2907N 02920E~~  
~~Asyut, VOR/DME (AST)~~  
~~Luxor, VOR/DME (LXR)~~  
~~ALEBA 2200N 03527E~~  
~~Port Sudan, VOR/DME (PSD)~~  
~~TOKAR 1806N 03748E~~
2. **Add** a requirement for ATS Route ~~A974/UA974~~ as follows:
- ~~KANAR 3227N 02654E~~  
~~AMIBO 3457N 02136E~~
- (cf. Table ATS 1, Chart ATS 1/2)
- c) **Originated by:** IATA
- d) **Originator's reasons for amendment:** Due to airspace restrictions being experienced by airlines in the Athens FIR and the resulting significant penalties to aircraft operators in terms of delays and re-routings, the proposed new routes will facilitate improved connections which will provide relief in the current economically critical situation.
- e) **Intended date of implementation:** As soon as practicable after approval by the ICAO Council.
- f) **Proposal circulated to following States and organizations:**
- |           |            |
|-----------|------------|
| Algeria   | Madagascar |
| Angola    | Malaysia   |
| Armenia   | Maldives   |
| Australia | Mali       |
| Belgium   | Malta      |

Benin	Mauritania
Botswana	Mauritius
Brazil	Morocco
Bulgaria	Mozambique
Burkina Faso	Namibia
Burundi	Netherlands
Cameroon	New Zealand
Canada	Niger
Cape Verde	Nigeria
Central African Republic	Oman
Chad	Poland
China	Portugal
Comoros	Qatar
Congo	Reunion
Cote d'Ivoire	Russian Federation
Cyprus	Rwanda
Czech Republic	Sao Tome and Principe
Democratic Republic of Congo	Saudi Arabia
Denmark	Senegal
Djibouti	Seychelles
Egypt	Sierra Leone
Equatorial Guinea	Singapore
Eritrea	Slovakia
Ethiopia	Somalia
Finland	South Africa
France	Spain
Gabon	Sri Lanka
Gambia	Sudan
Germany	Swaziland
Ghana	Sweden
Greece	Switzerland
Guinea Bissau	Thailand
Hungary	Togo
Iceland	Tunisia

India	Turkey
Iran, Islamic Republic of	Uganda
Iraq	United Kingdom
Ireland	United Arab Emirates
Israel	United Republic of Tanzania
Italy	United States
Japan	Yemen
Kenya	Zambia
Kuwait	Zimbabwe
Lesotho	ASECNA
Liberia	IATA
Libyan Arab Jamahiriya	IFALPA
Luxembourg	IFATCA

**g) Secretariat Comments:**

The proposed routes have been reviewed and approved by the Second Special Coordination Meeting on the return of Libyan Airspace to Libya (SCM-Libya/2) held in Malta, 13-14 October 2011.

-----



**APPENDIX H**

**FIFTH MEETING OF THE ATS ROUTES NETWORK TASK FORCE**

*(ARN TF/5)*

**PROVISIONAL AGENDA**

- Agenda Item 1: Adoption of the Provisional Agenda and election of vice chairperson
- Agenda Item 2: Follow-up on MIDANPIRG and other meetings Conclusions and Decisions relevant to ATS Route Network
- Agenda Item 3: Review ATS Routes Network
- Agenda Item 4: Amendments to the ATS Routes Network Catalogue
- Agenda Item 5: Review/update of Regional Activities carried out by CANSO
- Agenda Item 6: Review/update the deficiencies in the ATS Routes Network
- Agenda Item 7: Future Work Programme
- Agenda Item 8: Any other business

-----

APPENDIX I

AMENDMENT PROPOSAL

PROPOSAL FOR AMENDMENT OF THE ICAO  
MID AIR NAVIGATION PLAN (DOC 9708), VOLUME I BASIC ANP

(Serial No. MID Basic ANP Year/XX - ATM) (For ICAO Secretariat)

Name of proponent State.....XXXXXXXXX.....

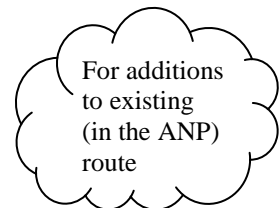
Name of focal point (Drafter) .....Mr B. Yyyyyyyyyyy.....

- a) **Plan:** MID Basic Air Navigation Plan
- 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) **Add** requirements for ATS routes B419 and UB419 as follows:

B419

**KING FAHD**  
ALVON 2700.2N 05007.2E  
KURSI 275742N 0491918E  
KUWAIT



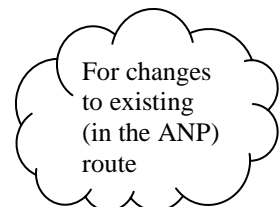
UB419

**KING FAHD**  
ALVON 2700.2N 05007.2E  
KURSI 275742N 0491918E  
KUWAIT

- 2) **Amend** requirement for ATS routes G665 and UG665 as follows:

G665

**BASRAH**  
ABADAN  
SHIRAZ \* Note 5 (OI)  
NABOD 2816.1N 05825.8E  
EGSAL 2716.8N 06249.0E  
(PANJGUR)



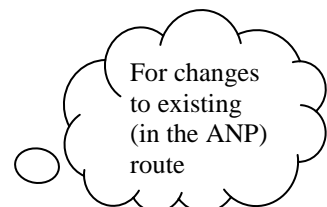
UG665

**BASRAH**  
ABADAN  
SHIRAZ \* Note 5 (OI)  
NABOD 2816.1N 05825.8E  
EGSAL 2716.8N 06249.0E  
(PANJGUR)

- 3) **Amend** requirement for ATS route UL602 as follows:

UL602

**BAHRAIN**  
ALVON 270009N 0500711E\*Note 7  
SELEG 280130N 0492212E

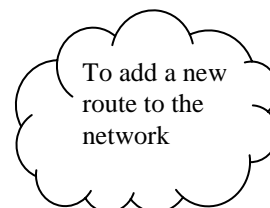


RAPSI 282326N 0490551E  
DARVA 284814N 0484734E  
KURSI 275742N 0491918E  
DASTI 282141N 0490259E  
ALVIX 2919.3N04824.2E  
FALKA 292611N 0481819E  
TASMI 300120N 0475505E  
BASRAH  
LOVEK 322206N 0444000E  
DELM I 331911N 0431731E  
ELEXI 344237N 0411054E  
DRZ 351724N 0401124E  
KUKSI 364508N 0374910E  
GAZ 365701N 0372824E

- 4) **Add** the requirement for ATS route B650 as follows:

**B650**

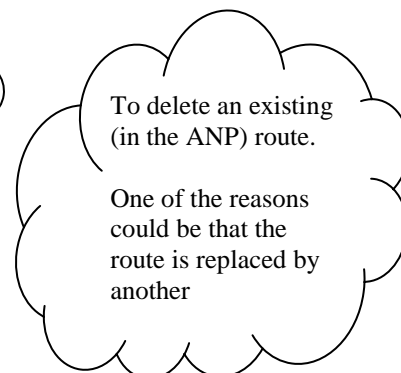
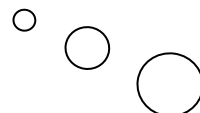
**BUNDU  
BATHA**



- 5) **Delete** the requirement for ATS routes G### as follows:

**G###**

**SAMPL  
OTHER  
CROSS \* Note 5 (OI)  
ROAMS 2916.1N 05825.8E  
GOING 2916.8N 06249.0E  
(DESTINATION)**



(cf. Table ATS 1, Chart ATS 1/2)

- c) **Originated by:** MIDANPIRG ATM/SAR/AIS/9, Special Baghdad FIR Coordination Meeting (SBFCM) (Cairo, 28-29 May 2008) and ATS Route Network Task Force/1 (ARN TF/1); Bahrain, Kuwait and Qatar.

- d) **Originator's reasons for amendment:**

As a result of a review of the ATS route requirements for the MID Region, the ATM/SAR/AIS/9 and ARN TF/1 agreed that ATS route G669 which had been removed from the requirements as an editorial error, should be restored. However, the requirement has been modified by removal of segment KARIATAIN-TONTU-AL SHIGAR, which had been found not to be practical. The ARN TF/1 agreed to the proposal by Bahrain and Qatar for the establishment of an ATS route BUNDU-BATHA (B650) to provide a link from Doha to the South into R659 at BATHA, to address immediate user

needs. This provides an alternative to the segment Doha-MIGMA on ATS route R659/UR659, which remains unimplemented. The distance saving from currently available routing Doha to North and Southern Africa is about 204 nm per flight. Significant point MIGMA on ATS routes R659/UR659 in Bahrain FIR is to be replaced by BATHA at which a VOR (BAT) is located. The ARN TF/1 also endorsed the SBFCM proposal to extend G665 from Abadan to Basrah to make it accessible to route network in the Baghdad FIR.

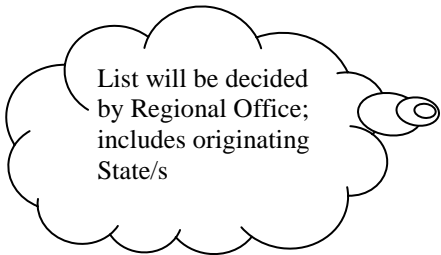
Kuwait has proposed addition of ATS route B419 to the requirement. B419 had been removed from requirements in 2007 for future consideration. Kuwait has also proposed changes in trajectories of ATS routes UL602 and UP975 in order to achieve airspace efficiencies.

**e) Intended date of implementation:**

As soon as practicable after approval.

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

- |                           |                          |
|---------------------------|--------------------------|
| Afghanistan               | Oman                     |
| Bahrain                   | Pakistan                 |
| Cyprus                    | Qatar                    |
| Egypt                     | Saudi Arabia             |
| Iran, Islamic Republic of | Sudan                    |
| Iraq                      | Syrian Arab Republic     |
| Israel                    | United Arab Emirates     |
| Jordan                    | United States of America |
| Kuwait                    | Yemen                    |
| Lebanon                   | IATA                     |
| Libyan Arab Jamahiriya    | IFALPA                   |



**g) Originator' Comments:**

The changes proposed herein are the result of work undertaken by the MIDANPIRG Subsidiary Bodies the Middle East Offices of ICAO and individual States in the Region to enhance traffic flows and ATS route efficiencies.

-----

**APPENDIX J**

**RESULT OF DISCUSSIONS OF THE MID ATS ROUTE CATALOGUE DURING THE ARN TF/4 MEETING**

<b>MID/RC NUMBER</b>	<b>ATS ROUTE NAME</b>	<b>ENTRY-EXIT</b>	<b>DECISION</b>
<b>RC-001</b>	SALWA – COPPI	SALWA – COPPI	Saudi Arabia to investigate a timed route option
<b>RC-001 Option 2</b>	EGNOV- HFR	EGNOV- HFR	To be removed from Catalogue
<b>RC-002</b> Option 1,2 and 3	TONBA – KHG	TONBA – KHG	Egypt unable to accept route due to safety issues
<b>RC-003</b>	VUSET – ITRAX	VUSET – ITRAX	Not feasible as the route crosses other Climb out and decent ATS route and further goes through a Danger Area. Differed for the future
<b>RC-004</b>	<del>Q707</del> <b>UL681</b>	EGNOV – SALWA	Implemented timed route
<b>RC-005</b>	SALWA – LOTOS – ASTIN	SALWA – LOTOS – ASTIN	An alternate RNAV1 route was proposed, and awaiting UAE response. <b>No change</b>
<b>RC-006</b>	A415	DOH – SALWA – KIREN	Implemented timed route
<b>RC-008/11</b>	New parallel A/Way to UL550	UAE, Egypt and beyond	Combine both proposals. - Egypt restudy the route and to provide an update next ARN TF
<b>RC-013</b>	UAE to Pakistan, India, and beyond to Asia/Pacific	UAE to Pakistan, India, and beyond to Asia/Pacific	Iran has recently developed M561 which might provide interim relief. <del>This is similar routing as MID/RC-020</del> Iran put further proposal from KANAS to GOKSO which covers UAE Pakistan to be removed from Catalogue. A letter to be sent to Oman requesting comments on the revised proposal to the Northern portion on RC-13. <b>Not acceptable due to dense traffic crossings and goes through Danger Areas climbing descending traffic. To be differed indefinitely</b> -Similar to RC-003

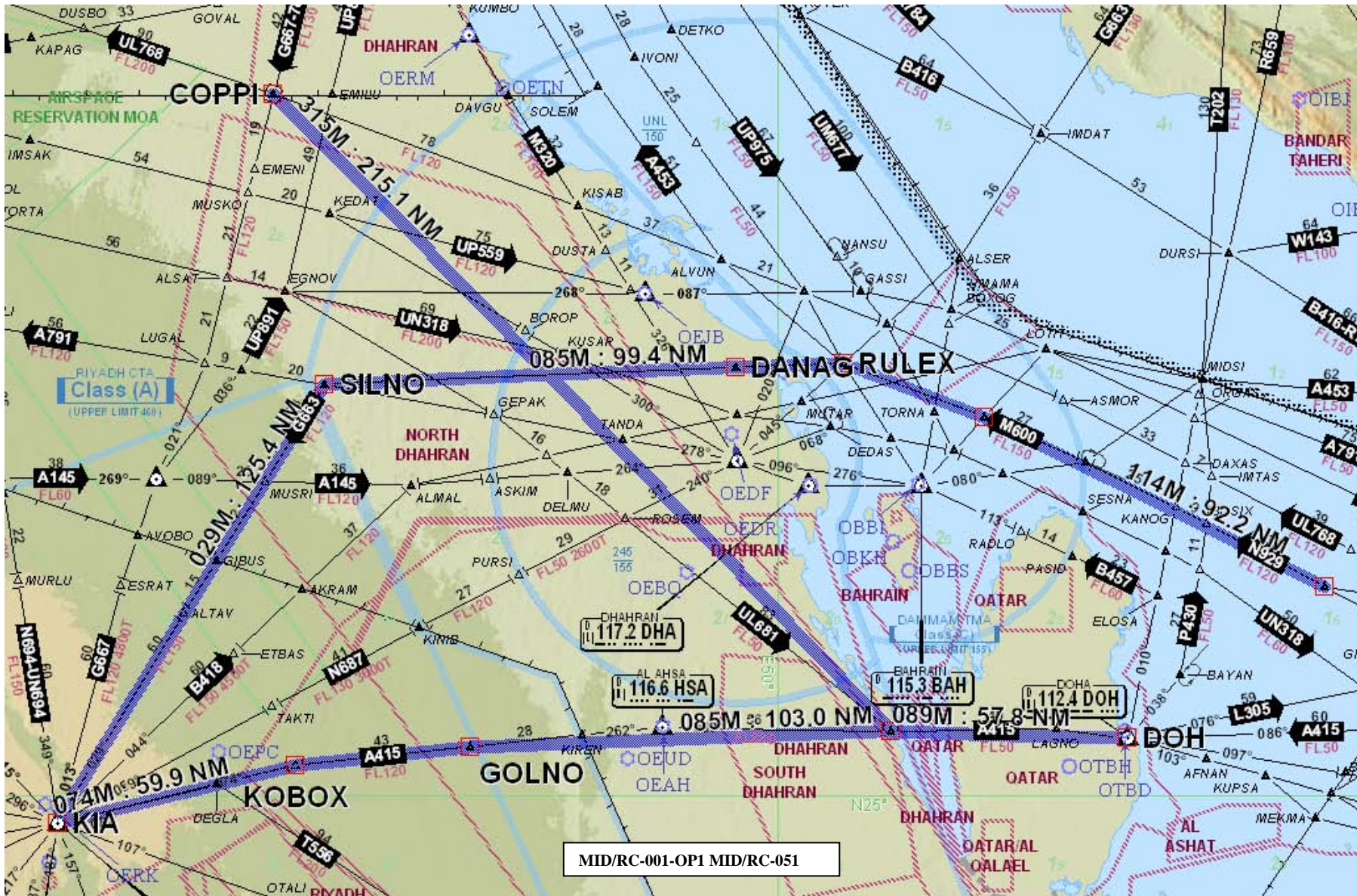
<b>MID/RC NUMBER</b>	<b>ATS ROUTE NAME</b>	<b>ENTRY-EXIT</b>	<b>DECISION</b>
<b>RC-018</b>	New Route	Jordan to Cairo via <b>DATOK</b> TBA - W976	State and Military issues. Pending discussion between Egypt and Jordan
<b>RC-019</b>	DENDA R462 MIBSI P899 BUNDU	DENDA R462 MIBSI P899 BUNDU	Not feasible due to congestion (safety reasons) Differed for the future
<b>RC-020</b>	SODEB to/from MINAR	SODEB to/from MINAR	- Route was not supported by India - Differed for the future
<b>RC-025</b>	R652	METSA- ZAJ	- Saudi Arabia and Jordan do not approve for the extension of Route in Iraq suggested removal waiting for Iraq feed back
<b>RC-026</b>	W3	DZF – VAN	Turkey urged Iraq to remove the data from their AIP, and is to be moved to the deferred Category. <b>Differed for the future.</b>
<b>RC-027</b>	M320	KUA-RAPLU	- Not supported by Kuwait at present. - Needs further studies - <b>Differed for the future</b>
<b>RC-037/038</b>	MIDSİ – DASDO IMDAT - MIDSİ	MIDSİ – DASDO IMDAT - MIDSİ	- Another proposal put in by Bahrain and submitted to Iran
<b>RC-049</b>	R659	DOH-BAT	- Expected implementation September 2011 as a timed out route
<b>RC-051</b>	A415	DOH-KIA	- Still timed out route Same as RC 001 Whatever is related to A415 should be combined
<b>RC-053</b>	New Route	BALTIM – SHM	Penetrates military airspace. <b>No updates</b>
<b>RC-055</b>	New Route	MAK CVO	L315 to be discussed with Saudi Arabia for direction of route

-----

APPENDIX K

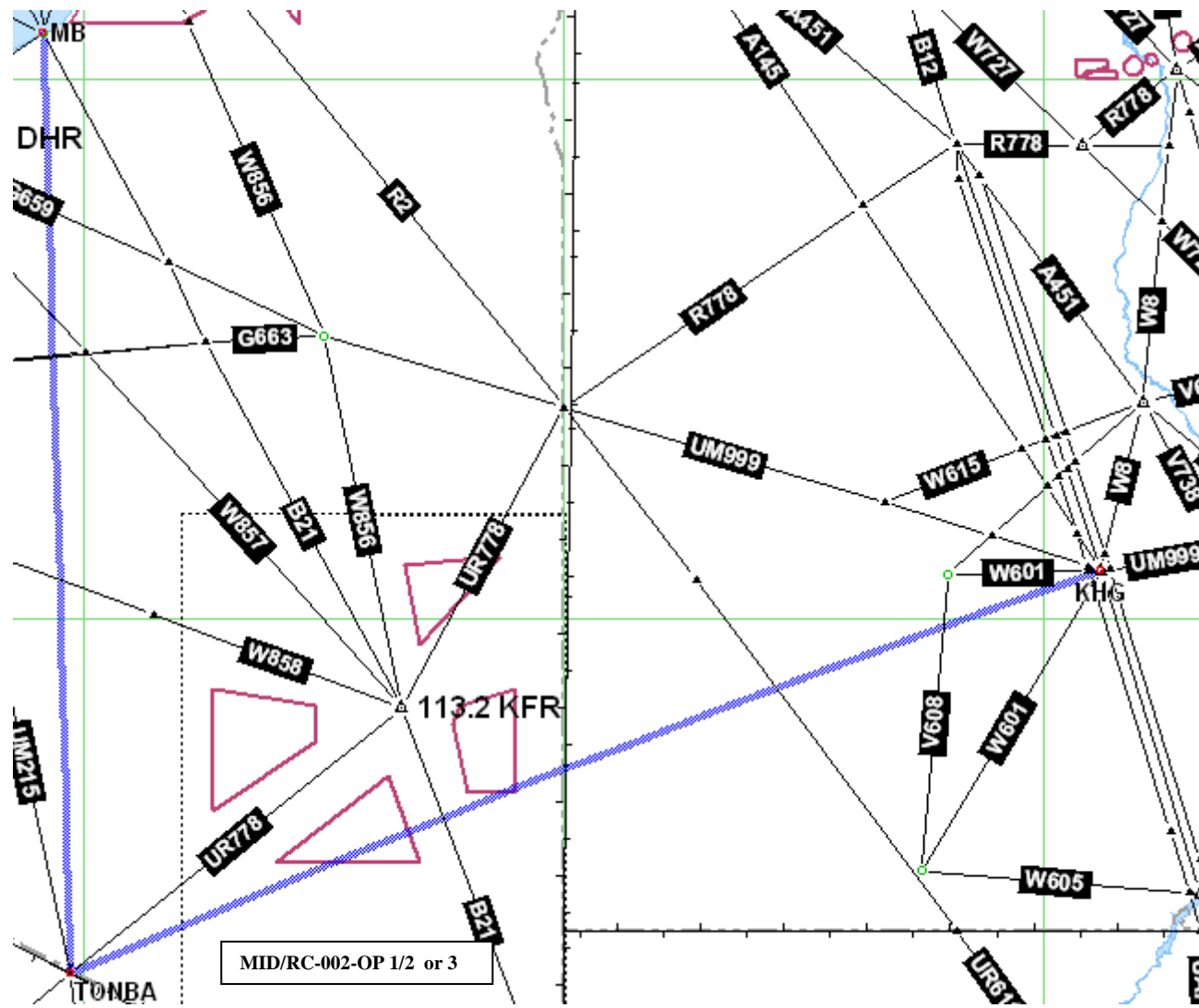
MID ATS ROUTES CATALOGUE

MID/RC-001 (Option 1) MID/RC-051	ATS Route Name: New AWY between SALWA-COPPI A415	Entry-Exit: SALWA-COPPI DOH - KIA	Inter-Regional Cross Reference if any		Users Priority	High URGENT	Originator of Proposal	IATA
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Date of Proposal	Deadline for each Action
SALWA (N25 15.6 E050.30.8) – COPPI (N27 50.6 E047 44.0) This route is proposed as a one way northbound to cater for departure from Doha intersection point on “A791/G663”, maybe “TANDA N26 27.1 E049 18.2” to allow traffic to transit for North African destinations		Qatar  Bahrain  Saudi Arabia		New ATS route.		<ul style="list-style-type: none"> <li>- Bahrain has no objection .</li> <li>- Qatar has no objection however will have time restriction of 15:00 to 03:00 UTC subject to concurrence with Saudi Arabia.</li> <li>- Saudi Arabia needs to study the proposal further and will advise by 31 October 2008.</li> <li>- Still under consideration by Saudi Arabia Pending Saudi Arabia response Secretariat will make Amendment Proposal.</li> <li>- Re submitted by Bahrain with indication of safety priority need.</li> <li>- Saudi Arabia to investigate a timed route option.</li> </ul>		As soon as practical
<b>Flight Level Band:</b> FL200 – FL410								
<b>Potential City Pairs:</b> DOH to Western Europe/USA DOH to BEY, DAM, AMM DOH to North-Africa OMAA to GMMN, HECA, HSSS, OEJN, OERK								
						<ul style="list-style-type: none"> <li>- Still timed out route Same as RC 001 Whatever is related to A415 should be combined</li> </ul>		
<b>Conclusions/Remarks</b>	Saving 88 miles, 10 daily flts, 34650 Kg of CO2 Daily					<b>Last updated</b>	ARN TF/4 May 2011	

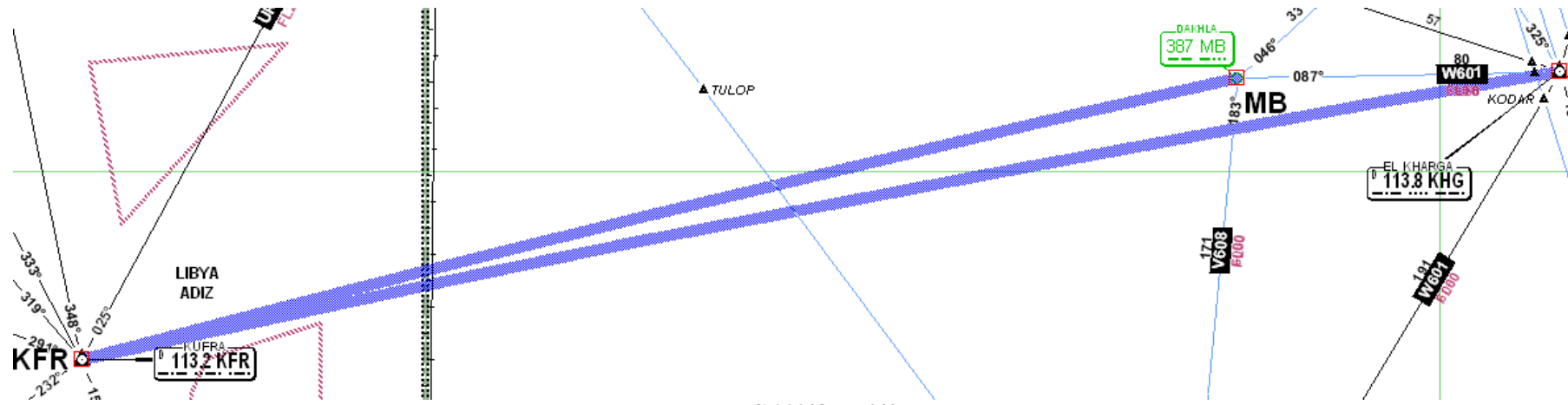




MID/RC-002 (Option 1, 2, 3 and 4)	ATS Route Name: New AWY Proposed between TONBA-KHG and KFR to MB (Dakhla) Or KHG	Entry-Exit: TONBA to KHG (Dakhla) Libya to Egypt FIR	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
								Date of Proposal
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status		Action Taken/Required	Deadline for each Action
(Opt 1) TONBA (N21 35.3 E 0-19 51.2) KHG (N25 26.9 E030 35.4) (Opt 2) TONBA (N21 35.3 E 0-19 51.2) MB (N25 25.2 E029 00.1) (Opt 3) KFR (N24 09.2 E023 18.5) MB (N25 25.2 E029 00.1) Or KHG (N25 26.9 E030 35.4)		Lybia  Egypt		New ATS route.			<ul style="list-style-type: none"> <li>- Egypt highlighted that UM999 already exists and is used by 3 to 5 flights a day also that communication is being upgraded with a new station at Dakhla.</li> <li>- To be considered with and similarly to Proposal 2 &amp; 4.</li> <li>- Egypt will coordinate with Military and Libya to establish boundary point. Route will be considered based on (traffic) demand.</li> <li>- Egypt unable to accept route due to safety issues.</li> <li>- Differed for the future</li> </ul>	TBD
Flight Level Band: FL290 – FL410								
Potential City Pairs: West Africa airports-Doha								
Expect 50 eastbound wkly flights, saving 91000Kg of fuel and 282T of CO2 wkly. The number may double if used westbound.								
Conclusions/Remarks	Proposals 2, 4 and 5 are options to each other						Last updated	ARN TF/4 May 2011

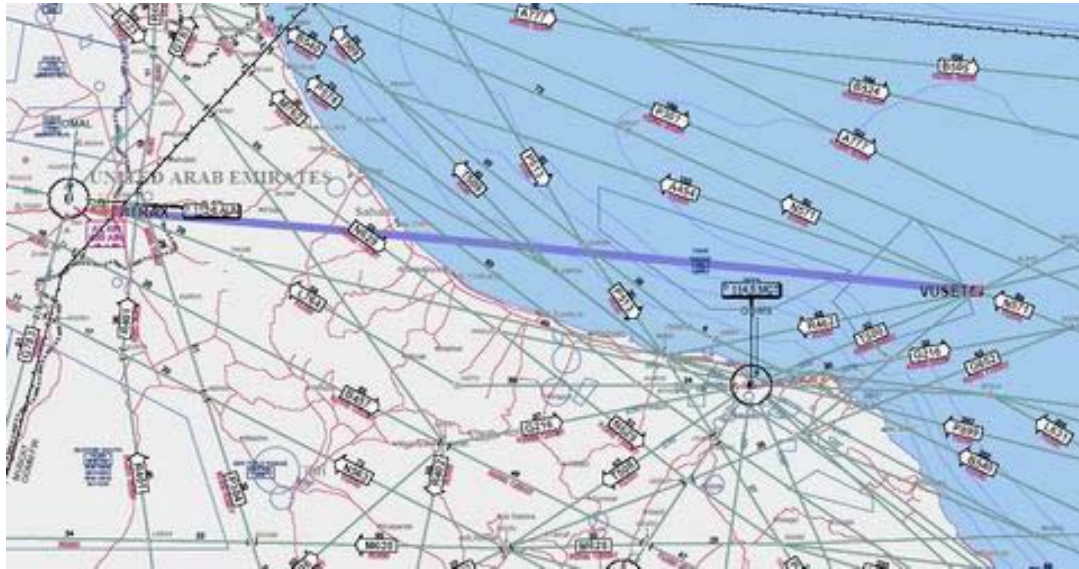


K-5



MID RC 002/OPT 3/4

MID/RC-003	ATS Route Name: New AWY – VUSET to ITRAX	Entry-Exit: VUSET – ITRAX Muscat FIR	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
VUSET – “N23 55.7 E059 08.2 ITRAX – N24 12.8 E055 47.8		Oman		New ATS route.	Not in the ANP	Not acceptable due to dense traffic crossings and goes through Danger Areas climbing descending traffic. To be differed indefinitely	TBD	
Flight Level Band: FL290 – FL410						Differed for the future Similar to RC-013		
Potential City Pairs: SGN, PEK, HKG, PVG, DEL, AMD, KHI, KIX, DAC, KTM - Doha								
Conclusions/Remarks							Last updated	ARN TF/4 – May 2011



MID/RC-003

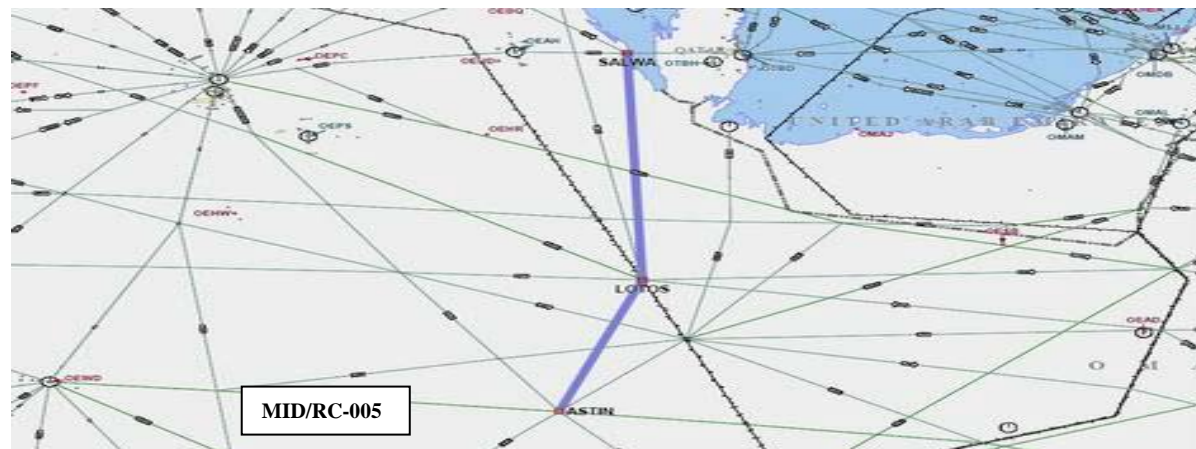
K-7

MID/RC-004	ATS Route Name: Q707 <b>L681</b>	Entry-Exit: EGNOV – SALWA	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
EGNOV (N27 03.0 E047 47.2) – SALWA (N25 15.6 E050.30.8)		Qatar  Bahrain  Saudi Arabia		Opening hours to be extended. Suggested from 1430 – 0300UTC Weekends H24  To change current AWY Q707 from one-way to two way between points EGNOV – SALWA North Africa traffic – If Q707 is made a two way AWY, then traffic can route from point “GEPAK (N26 33.0 E048 43.5) on AWY A791/G663		<ul style="list-style-type: none"> <li>- Bahrain has no objection.</li> <li>- Qatar can extend hours from 15:00 to 03:00 UTC provided Saudi Arabia concurs.</li> <li>- Saudi Arabia will study the proposal and revert to the Secretariat by 31 October 2008.</li> </ul>	31 Oct. 2008	
<b>Flight Level Band:</b> GND - UNL						Still under consideration by Saudi Arabia		
<b>Potential City Pairs:</b> Doha – Western Europe/USA – Doha Doha – BEY, DAM, AMM – Doha Doha – North Africa dest. - Doha						MID Office to communicate high priority need to Saudi Arabia <b>Implemented as a timed-out route</b>		
						Keep as is		
<b>Conclusions/Remarks</b>		Urgent implementation necessary due rapidly building congestion in the Bahrain FIR				<b>Last updated</b>	<b>ARN TF/4 May 2011</b>	



K-9

MID/RC-005	ATS Route Name: New AWY between SALWA-LOTUS-ASTIN	Entry-Exit: SALWA-LOTUS- ASTIN	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
Proposed new AWY would be two way. Alternatively, IATA would accept Salwa – (intersection point on Y100) – Y100 – LOTUS – New AWY – PURDA (N21 08.1 E051 03.5) – join with A419 SALWA (N25 15.6 E050.30.8) LOTUS (N22 00.0 E050 39.2) ASTIN (N20 04.2 E049 53.3)		Bahrain  Saudi Arabia		New ATS route.		<ul style="list-style-type: none"> <li>- Proposal replace by the following agreed option: Doha to Bundu than via V997 to R659.</li> <li>- Bahrain will issue NOTAM for activation on the next AIRAC date.</li> <li>- MID Regional Office to circulate Amendment Proposal to change V997 to Regional route.</li> <li>- Amendment to be re-circulated after collection of updates from States</li> <li>- An alternate RNAV1 route was proposed waiting for UAE response. 1.</li> <li>- No change</li> </ul>	Immediate  Sept. 2008  June. 2009	
<b>Flight Level Band:</b> FL180 – FL410								
<b>Potential City Pairs:</b> Doha – Eastern/ South Africa - Doha								
<b>Conclusions/Remarks</b>		Replacement proposal (Doha-Bundu-U997-R659). Approved for immediate implementation.				<b>Last updated</b>	ARN TF/4 May 2011	



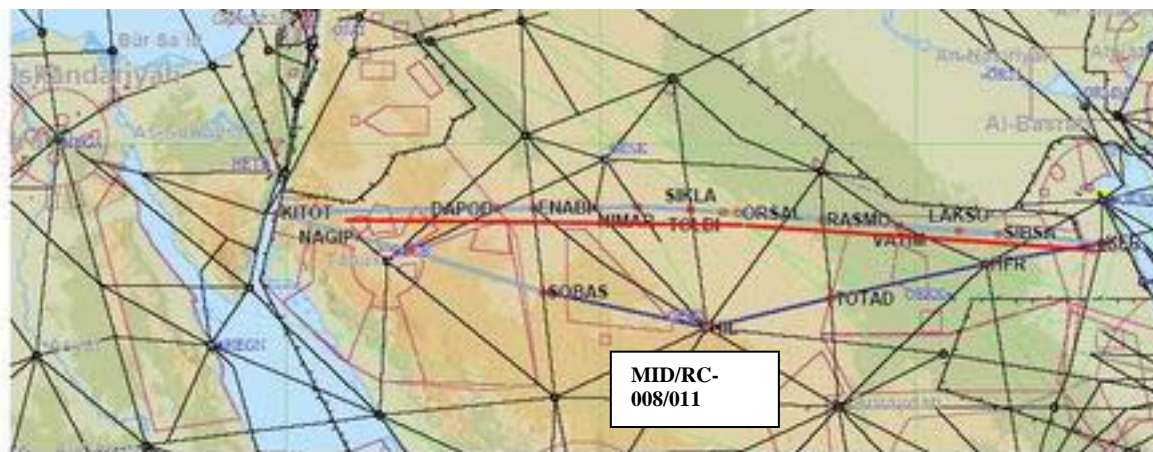


K-11

<b>MID/RC-006</b>	<b>ATS Route Name:</b> A415-DOH(VOR)-SALWA-KIREN	<b>Entry-Exit:</b> DOHA-SALWA-KIREN	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/1
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
A415-DOH(VOR)-SALWA-KIREN		Qatar Bahrain Saudi Arabia		Implemented with time restrictions		<ul style="list-style-type: none"> <li>- Bahrain has no objection.</li> <li>- Qatar can extend hours from 15:00 to 03:00 UTC provided Saudi Arabia concurs.</li> <li>- Saudi Arabia will study the proposal and revert to the Secretariat by 31 October 2008.</li> <li>- Still under consideration by Saudi Arabia</li> <li>- MID Office to communicate high priority need to Saudi Arabia</li> <li>- Implemented as a timed out route</li> <li>- No change</li> </ul>	31-Oct-2008 Further Update to be provided by October 2009 March 2010	
<b>Flight Level Band:</b> GND-FL410								
<b>Potential City Pairs:</b> Doha-Western Europe/USA-Doha Doha-North Africa-Doha Doha-Africa-Doha								Mar 09
<b>Conclusions/Remarks</b>		IATA requests to change opening hours H24. Urgent implementation necessary due rapidly building congestion in Bahrain FIR				<b>Last updated</b>	ARN TF/4 May 2011	

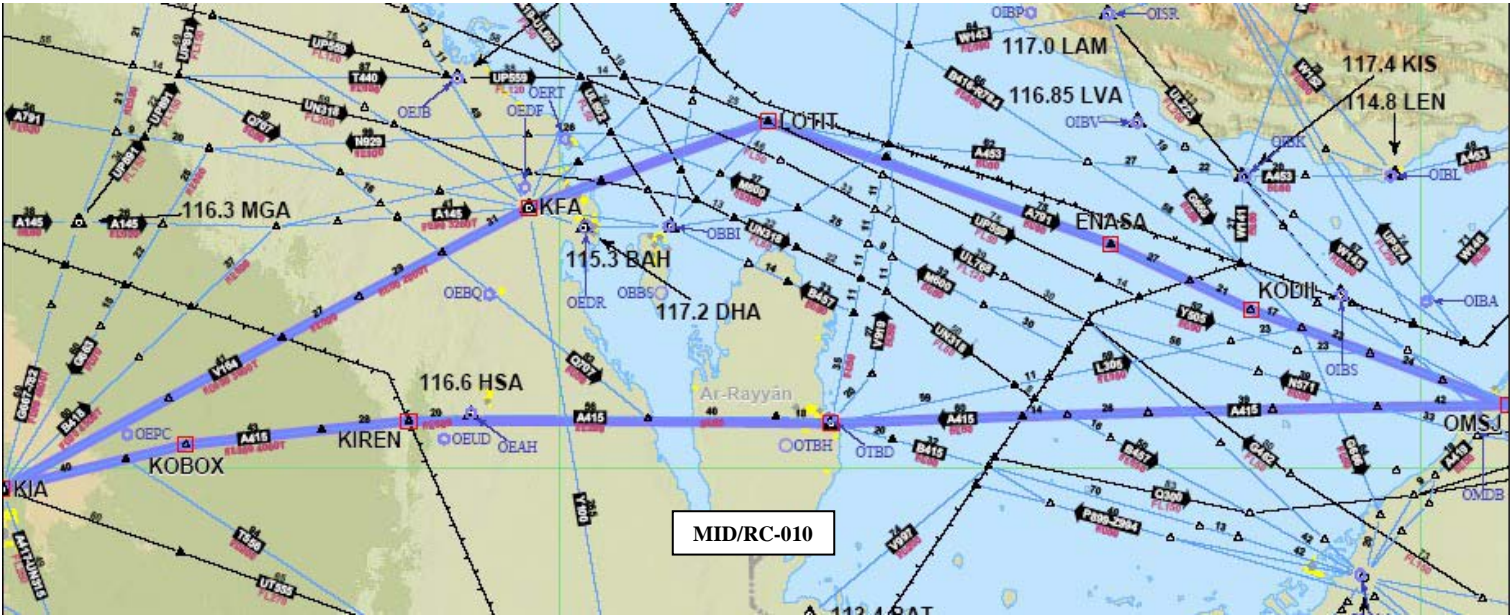


<b>MID/RC-008-011</b>	<b>ATS Route Name:</b> New Parallel AWY to UL 550	<b>Entry-Exit:</b> Parallel AWY to UL550	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b> High	<b>Originator of Proposal</b> IATA	
						<b>Date of Proposal</b> ARN TF/1	
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action
New Parallel AWY to UL 550		Egypt Saudi Arabia Iraq Kuwait		New ATS route.		<ul style="list-style-type: none"> <li>- Egypt will continue to study how to address issue of east bound traffic for reduced traffic (Egypt Air and Kuwait Airways).</li> <li>- The Segment in Jeddah FIR is used bidirectionally already.</li> <li>- Egypt will review the route feasibility on completing of the ACC sectorization process underway</li> <li>- <b>Egypt restudy the route and to provide an update next ARN TF</b></li> </ul>	Update will be provided October 2009 <b>March 2010</b>
<b>Flight Level Band:</b> 6000ft TO FL 250							
<b>Potential City Pairs:</b> Cairo-Kuwait							
<b>Conclusions/Remarks</b>	Egypt highlighted similar proposal has been studied before and not found acceptable due to military restrictions and uncoordinated flights over the red sea area. <b>This is similar routing as MID/RC-011</b>				<b>Last updated</b>	<b>ARN TF/4 May 2011</b>	



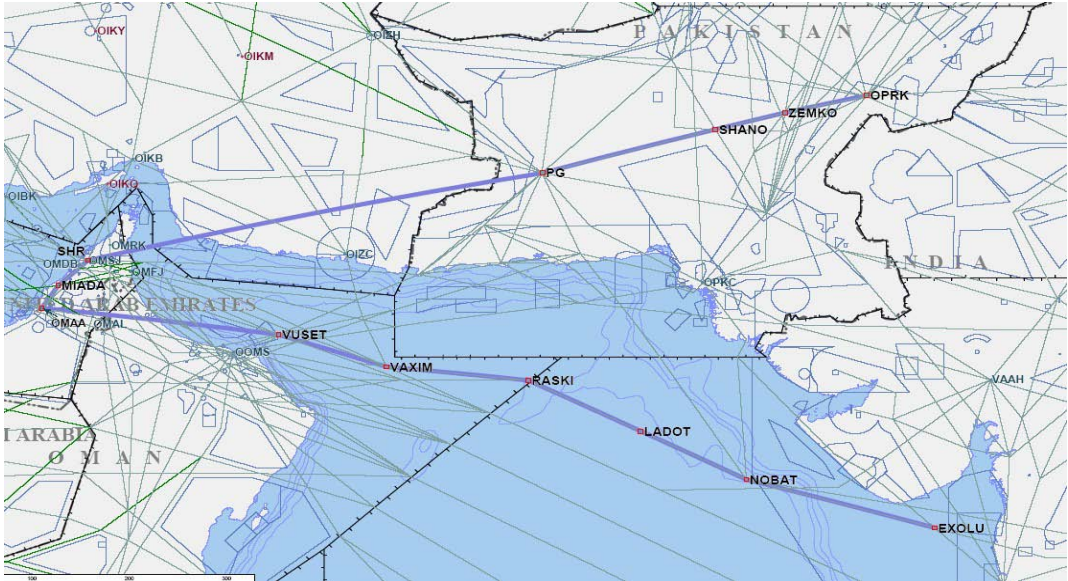
MID/RC-010	ATS Route Name: V164	Entry-Exit:	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
V164-N687 King Khaled (KIA). King Fahd (KFA) change from uni- direction eastbound to bi-direction.		Bahrain Saudi Arabia				<ul style="list-style-type: none"> <li>- Bahrain has no objection for FL250 and below between KIA and KFA.</li> <li>- Bahrain will study feasibility of traffic volume that can be permitted to descend below FL250.</li> <li>- Not feasible at the moment</li> <li>- Differed for the future.</li> <li>- Saudi Arabia agrees.</li> <li>- Timed route</li> <li>- No change</li> </ul>		
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b> For traffic from airports in Gulf region to Riyadh and beyond								
<b>Conclusions/Remarks</b>							<b>Last updated</b>	ARN TF/4 – May 2011

K-15



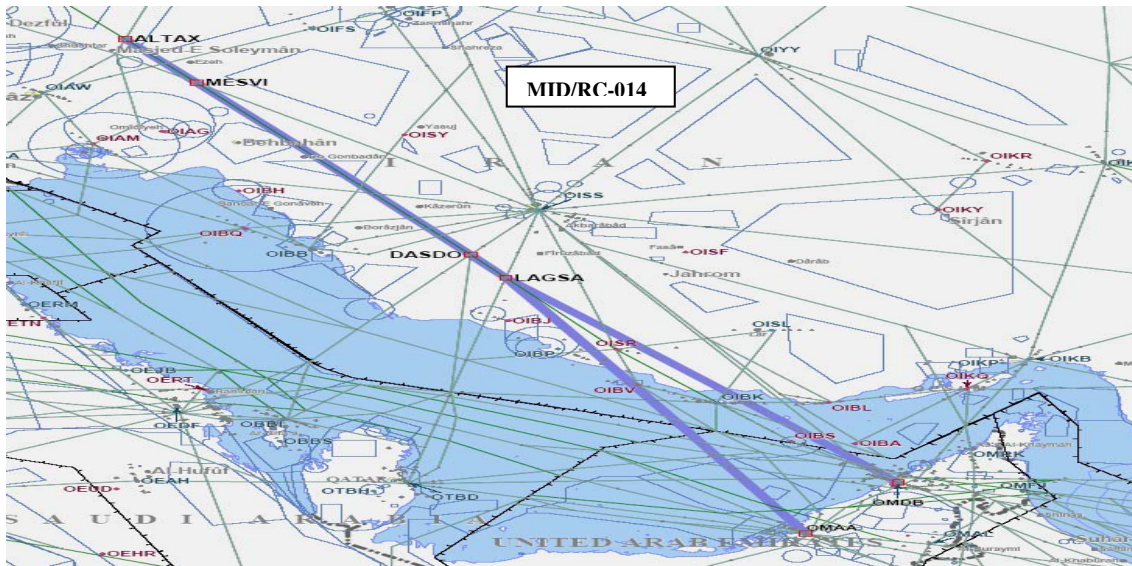
MID/RC-013	ATS Route Name: Gulf Region Eastbound	Entry-Exit: UAE to Pakistan, India, and beyond to Asia/Pacific	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
New, bi-directional route segments UAE to Pakistan, India, and beyond to Asia/Pacific		UAE Oman Iran Pakistan Mumbai				<ul style="list-style-type: none"> <li>- To be submitted to Oman and APAC Office.</li> <li>- To be considered by ARN TF/2.</li> </ul>	Aug. 2008	
<b>Flight Level Band:</b> Upper Airspace						To be combined with proposal MID/RC-020 <ul style="list-style-type: none"> <li>- A letter to be sent to Oman requesting comments on the revised proposal to the Northern portion on RC-13. Not acceptable due to dense traffic crossings and goes through Danger Areas climbing descending traffic. To be differed indefinitely</li> </ul>		
<b>Potential City Pairs:</b> UAE to Pakistan, Indian & beyond to Asia/Pacific (unlimited)								
<b>Conclusions/Remarks</b>	Iran has recently developed M561 which might provide interim relief. This is similar routing as MID/RC-020 Iran put further proposal from KANAS to GOKSO which covers UAE Pakistan to be removed from Catalogue					<b>Last updated</b>	ARN TF/4 May 2011	

K-17



**MID/RC-013**

MID/RC-014	ATS Route Name: New Route	Entry-Exit: UAE to Iran and beyond	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status		ANP Status	Action Taken/Required	Deadline for each Action
New, bi-directional route segments		Iran UAE					- Under consideration by Iran and UAE.	TBD
Flight Level Band: Upper Airspace								
Potential City Pairs: UAE to Iran and beyond (unlimited)								
Conclusions/Remarks						Last updated	ARN TF/4 – May 2011	

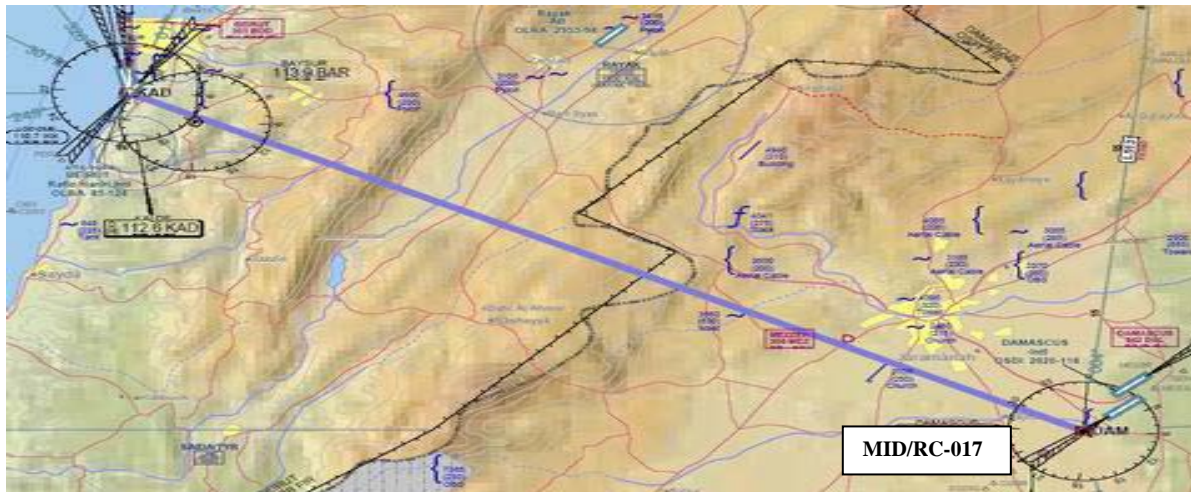




<b>MID/RC-015</b>	<b>ATS Route Name:</b> New airways between Sharjah and Tehran	<b>Entry-Exit:</b> LOPEG- DEBES	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/1
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
A new waypoint XXXXX to be created half way between KUMUN and PAPAR i.e. 37 NMs from either point. The old SIDs through LOPEG and DEBES will be re-instated with the difference that alter either point, traffic will proceed to XXXXX instead of PAPAR, distance LOPEG-XXXXX 23 NMs and DEBES-XXXXX 40 NMs						- Already under consideration by Iran and UAE.  States have no plan to implement. Differed for the future.	TBD	
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b> Sharjah-Tehran								
<b>Conclusions/Remarks</b>							<b>Last updated</b>	ARN TF/4 – May 2011

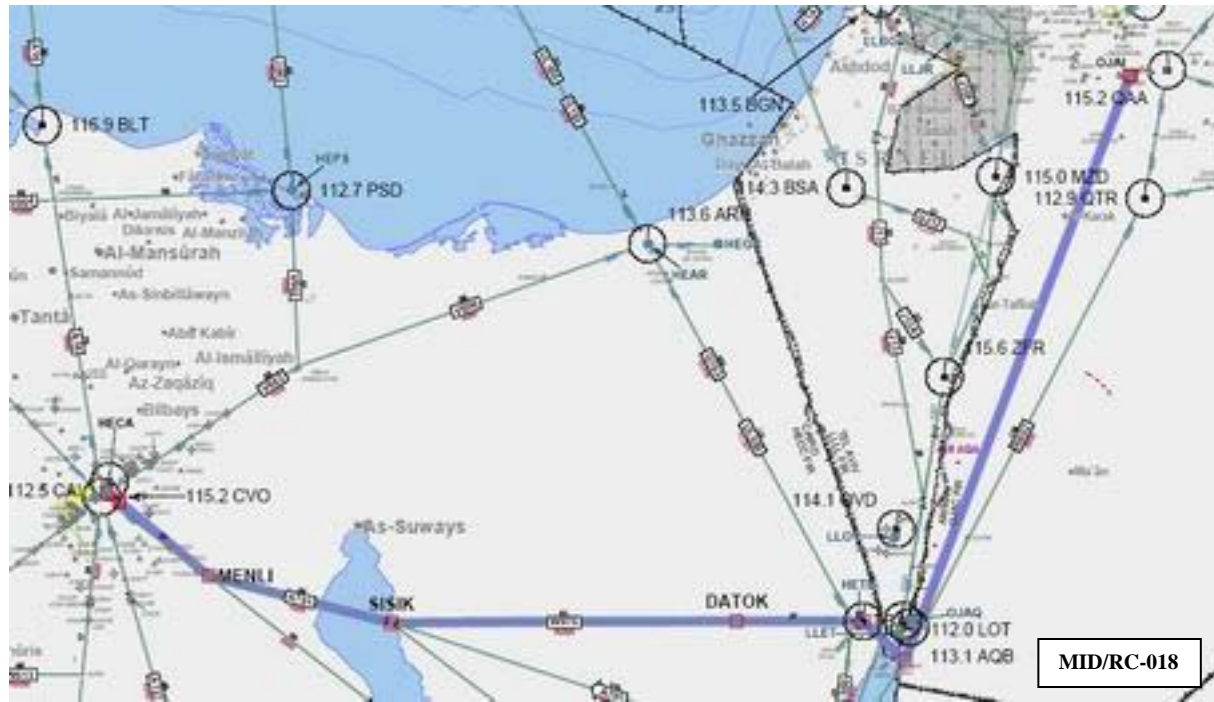


MID/RC-017	ATS Route Name:	Entry-Exit: Route from Jordan or Syria to BEY via DAM-DAKWE-KAD	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
	New Route						Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
Route from Jordan or Syria to BEY via DAM-DAKWE-KAD		Syria Beirut		New ATS route.		- Syria will study the request and provide update after internal consultations. - ICAO MID Region to follow-up with SCAA.	TBD	
<b>Flight Level Band:</b>						<b>No updates</b>	<b>30-Sept-08</b>	
<b>Potential City Pairs:</b>							<b>June 2009</b>	
<b>Conclusions/Remarks</b>						<b>Last updated</b>	<b>ARN TF/4- May 2011</b>	

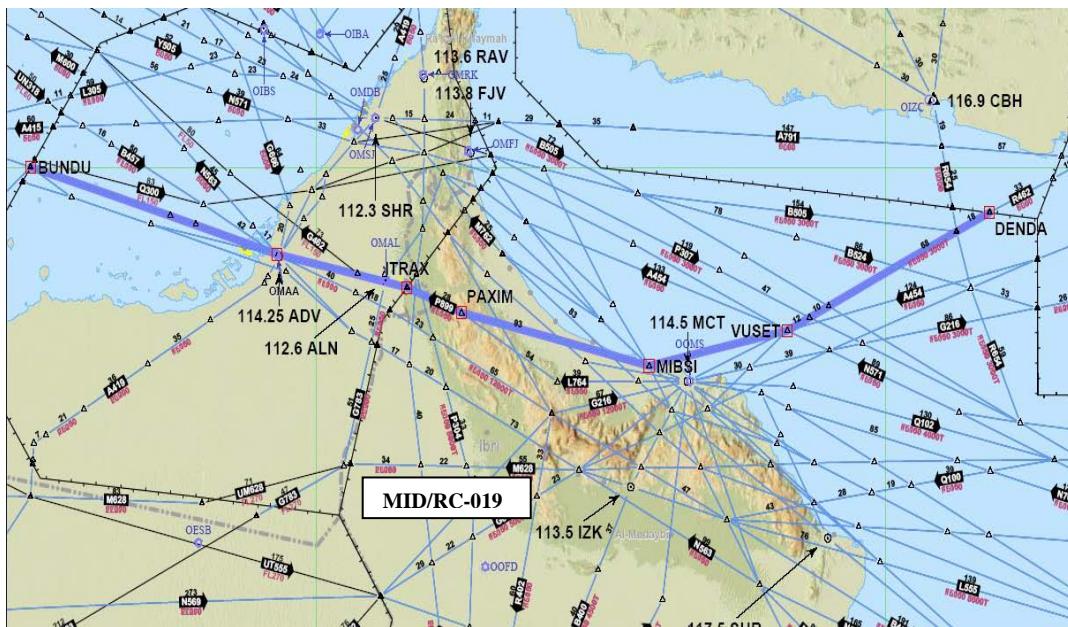


K-21

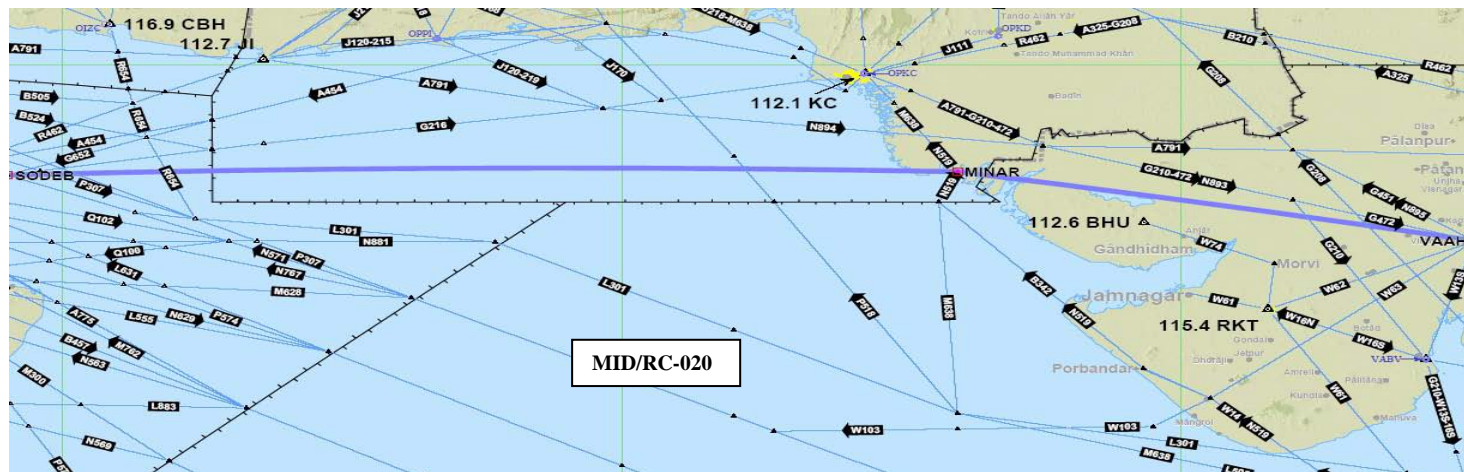
MID/RC-018	ATS Route Name:	Entry-Exit: Route from Jordan to CAI via TBA-W976	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
	New Route						Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
Route from Jordan to CAI via DATOK TBA-W976		Jordan Egypt		New ATS route.		<ul style="list-style-type: none"> <li>- Egypt will require more time to study and initiate proposal to Jordan to establish a point 5 to 7 NM South of METSA in order to facilitate direct routing to DATOK.</li> <li>- State and Military issues</li> </ul> Pending discussion between Egypt and Jordan	TBD	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	



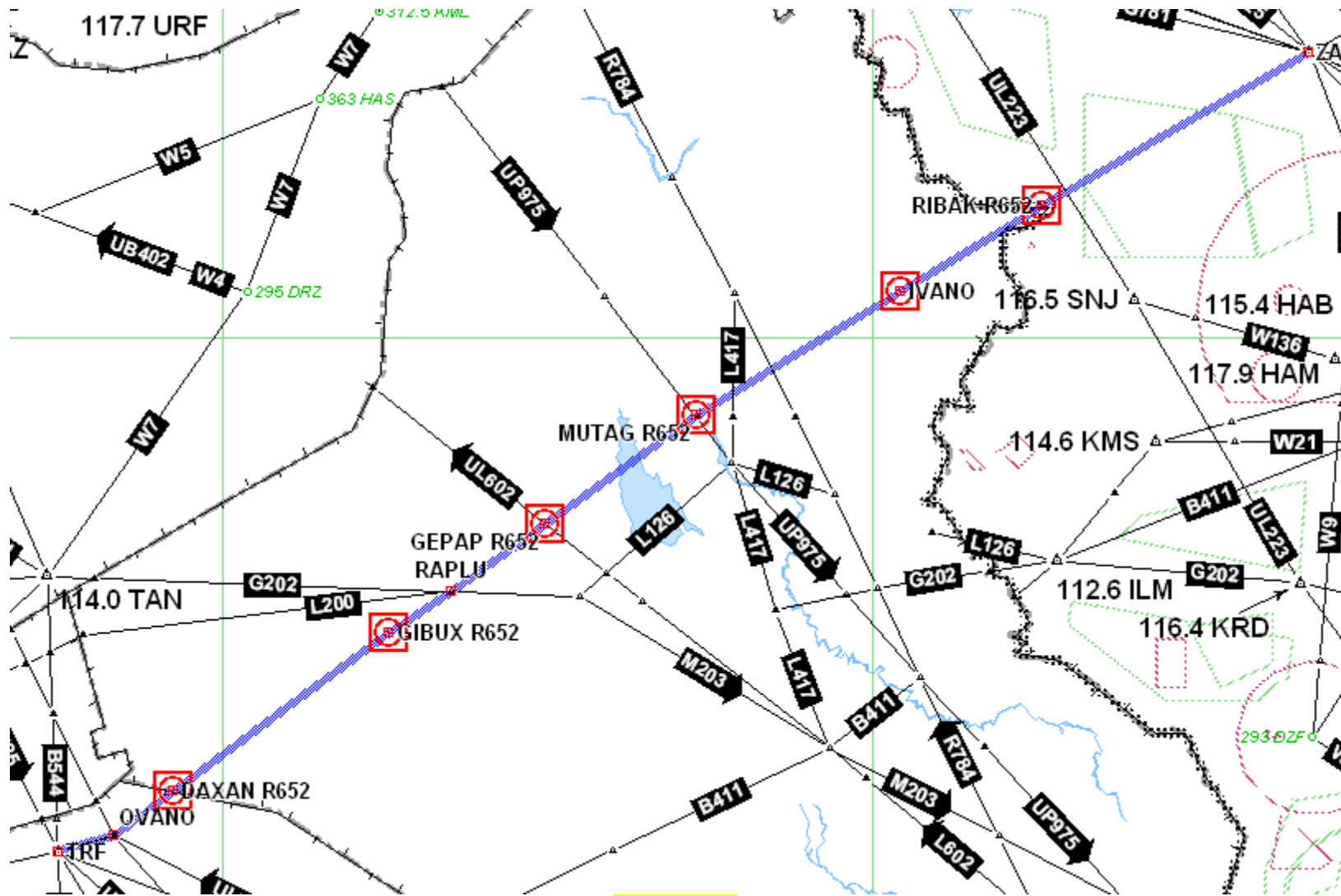
<b>MID/RC-019</b>	<b>ATS Route Name:</b> R462	<b>Entry-Exit:</b> DENDA-MIBSI	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b> High	<b>Originator of Proposal</b> IATA	
						<b>Date of Proposal</b> ARN TF/1	
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>
Request permission to use this AWY for traffic with destination DOHA DENBA <b>DENDA</b> R462 MIBSI P899 BUNDU						<ul style="list-style-type: none"> <li>- UAE has no objection if Oman agrees.</li> <li>- ICAO will send proposal to Oman.</li> </ul>	
<b>Flight Level Band:</b> FL290 to FL410						<b>Not feasible due to congestion (safety reasons)</b>	
<b>Potential City Pairs:</b> SGN, PEK, HKG, PVG, DEL, AMD, KHI, KIX, DAC, KTM-Doha						Differed for the future.	
<b>Conclusions/Remarks</b>	<b>Proposal to be send to Oman for response</b>					<b>Last updated</b>	<b>ARN TF/2 – March 09</b>



MID/RC-020	ATS Route Name: Replacement of IATA Proposals (3) and (9).	Entry-Exit: TELEM-VAXIM and PRA-TELEM	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
SODEB to/from MINAR with 24 hours availability; thence MINAR to Ahmedabad or Pratapgarh (PRA)		Oman Pakistan Mumbai				<ul style="list-style-type: none"> <li>- SODEB to/from MINAR with 24 hours availability.</li> <li>- MINAR to Ahmedabad or Pratapgarh (PRA).</li> <li>- To be relayed to Oman and APAC Regional Office, Bangkok.</li> </ul> Under consideration as unidirectional only Also being coordinated with APAC - Route was not supported by India . - Differed for the future.	Update October 2009- March 2010  Route expected implementation on date Jun2010	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks	Proposed by Pakistan to replace IATA Original proposals (3) and (9) which have been removed from this Appendix				Last updated	ARN TF/4 May 2011		



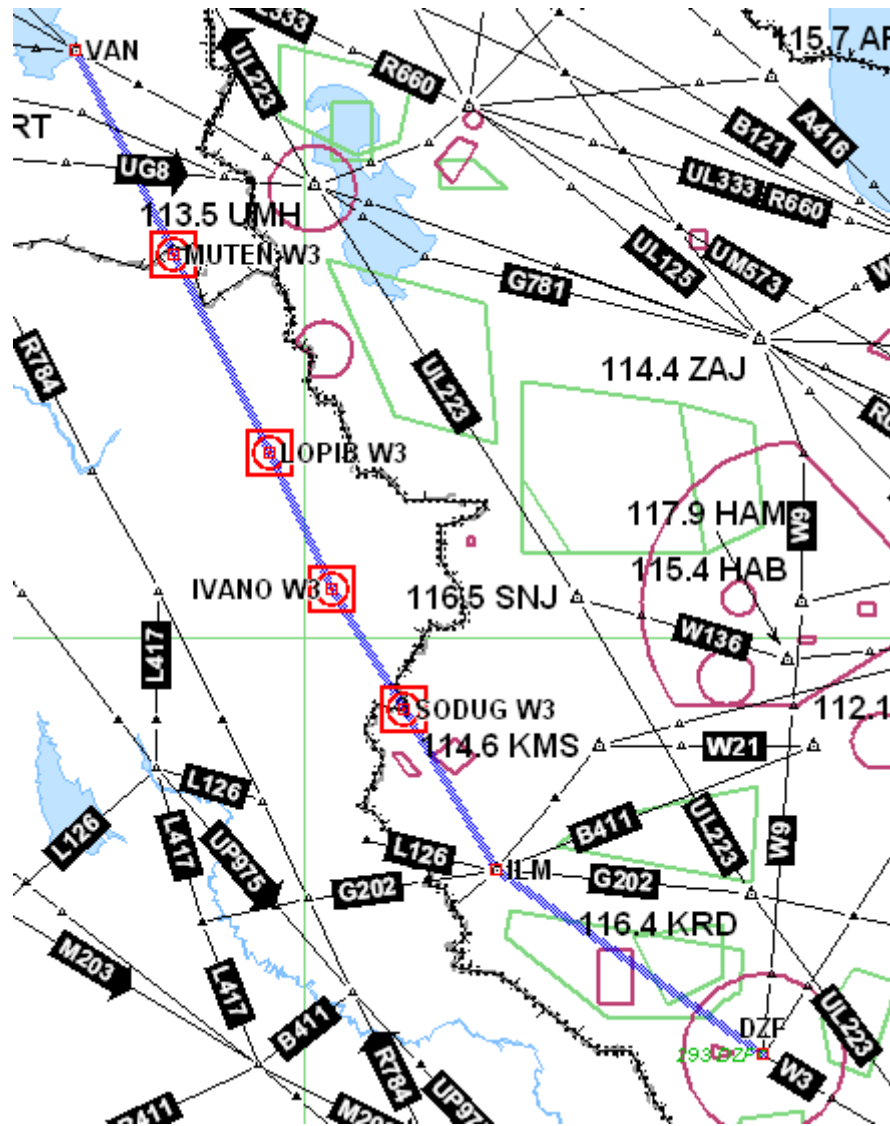
MID/RC-025	ATS Route Name: R652	Entry-Exit: METSAs- ZAJ	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
METSA (2927.1N 03459.0E) QATRANEH (QTR) PARAM (3123.3N 3706.7E) GURAIT (GRY) TURAIF (TRF) OVANO (3148.0N 03909.8E) DAXAN (320512N 0393719E) GIBUX (330715N 0411625E) RAPLU (332300N 0414530E) GEPAP (334906N 0422 51E) MUTAG (343003N 0433834E) IVANO (351724N 0451235E) RIBAK (354926N 0461808E) ZANJAN (ZAJ)		Saudi Arabia           Iraq           Iran		1) New Route in the Baghdad (FIR) Connecting with Zanjan (ZAJ). 2) To Coordinate with Saudi Arabia to connect Airway from OVANO to DAXAN if acceptable. 3) Coordinate with Iran to connect RIBAK to ZAJ if acceptable 4) New Route in Baghdad (FIR).	Available in ATS.1 Table. Implemented in Saudi Arabia continuation of Route in Baghdad FIR and Iran	Points highlighted in yellow are new. - Not supported by Jordan - <del>ATS route R652 is in close proximity with ATS route UR785 that would cause traffic conflict.</del> - <del>To be referred to the ARN TF/3 meeting for further discussions</del> - Not supported by Jordan and Saudi Arabia - Refer the ATS route to the MID/RMA for further studies and analysis of the passing frequency. - ATS route R652 is in close proximity with ATS route UR785 and FIX (OTILA) that would cause traffic conflict. - Saudi Arabia and Jordan do not approve for the extension of Route in Iraq suggested removal waiting for Iraq feed back	TBD  March 2010	
Flight Level Band: FL200-FL410								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	



MID/RC-025



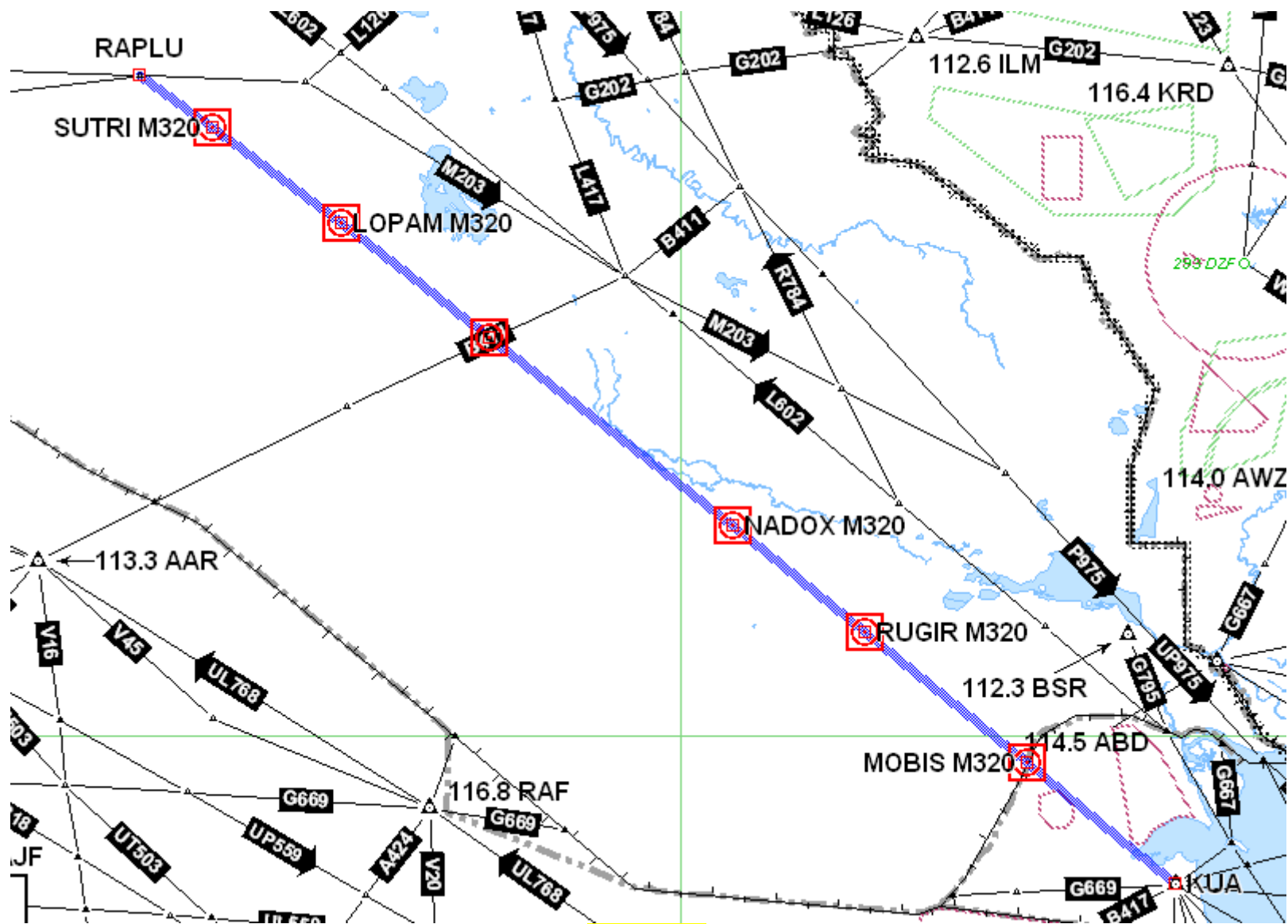
MID/RC-026	ATS Route Name: W3	Entry-Exit: DZF-VAN	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status		Action Taken / Required	Deadline for each Action
DZF DEZFUL SODUG 343312.57N 0454417E IVANO 351724N 0451235E LOPIB 3 0633N 0444500E MUTEN 371700N 0440300E VAN FERIT MELEN		Iran  Iraq  Turkey		1. Change route designator to regional RNAV route designator ( <b>L, M, N</b> or <b>P</b> designator needed). 2. Points highlighted in yellow are new. 3. Coordination with Iran is required 4. Coordination with Ankara is required to continue the route within their airspace as new regional RNAV route.			1) Not supported by Turkey. 2) Iraq to withdraw this route from the AIP. 3) <del>Iraq to further coordinate with Turkey and Iran.</del> 4) <del>To be referred to ARN TF/3 for further discussions.</del> 5) Differed for the future.	March 2010
Flight Level Band: FL200-FL410								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF4 May2011



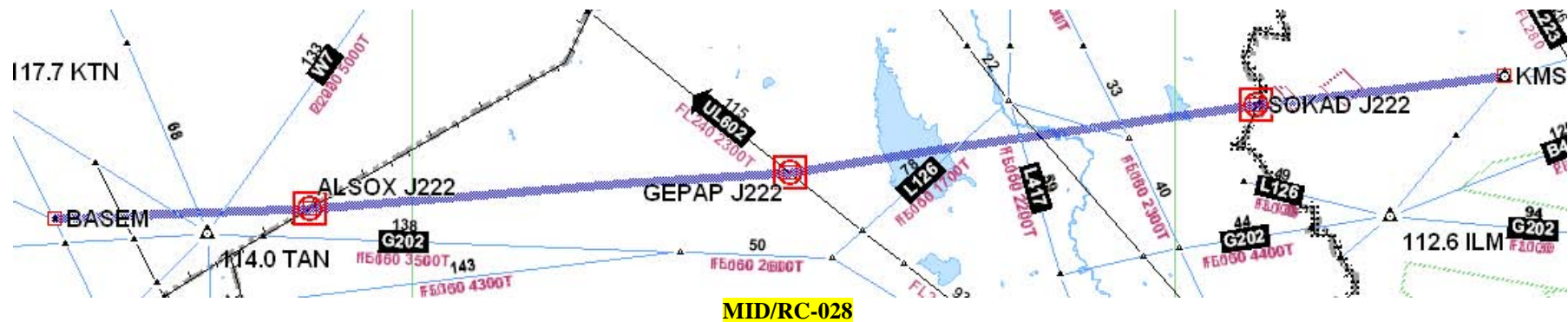
MID/RC-026

MID/RC-027	ATS Route Name: M320	Entry-Exit: KUA-RAPLU	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required		Deadline for each Action
<b>KUA</b> <b>MOBIS 295109N 0470457E</b> <b>RUGIR 303219N 0460618E</b> <b>NADOX 310505N 0451851E</b> <b>ELODI 320256N 0435126E</b> <b>LOPAM 323757N 0425806E</b> <b>SUTRI 330701N 0421128E</b> <b>RAPLU 332300N 0414530E</b>		Kuwait  Iraq		1. Existing RNAV designator M320 from Kuwait proposed). 2. Points highlighted in yellow are new. 3. Coordination with Kuwait required of continuation of route within their airspace.	Available in ATS.1 Table In Kuwait FIR	1) Not supported by Kuwait at present. 2) Needs further studies. 3) To be discussed further in the ARN TF/4 meeting 4) differed for the future	March 2010	
Flight Level Band: FL200-FL410								
Potential City Pairs:								
Conclusions/Remarks						Last updated		ARN TF/4 May 2011

K-30



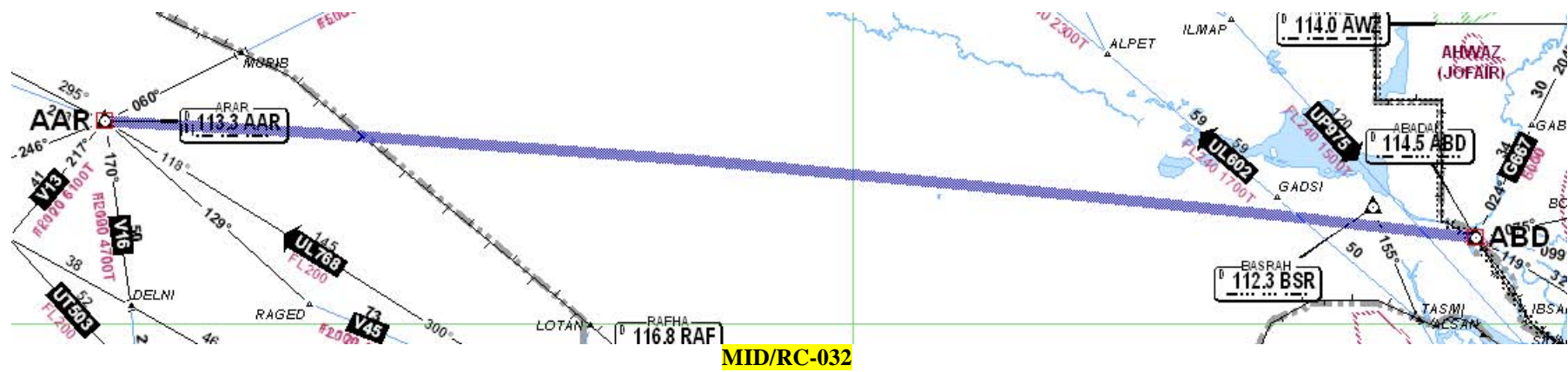
MID/RC-028	ATS Route Name: J222	Entry-Exit: BASEM-KMS	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implement- ation date	Implementation Status	ANP Status	Action Taken / Required		Deadline for each Action
<b>BASEM 333318N 0373906E</b> <b>ALSOX 333700N 0392000N</b> <b>GEPAP 334906N 0422851E</b> <b>SOKAD 341051N 0453226E</b> <b>KMS KERMANSHAH</b>		Syria  Iraq  Iran		1. Points highlighted in yellow are new. 2. Coordination with Syria and Iran required for the continuation of route within their airspace. 3. New route in the Baghdad (FIR)	Not available in ATS.1 Table. Implemented in Syria Change of Route Designator Required	Points highlighted in yellow are new. - Not supported by Syria - ATS route J222 is in close proximity with ATS route UR785 that would cause traffic conflict - Iraq was asked to reconsider to join the ATS route with G202 and change the route designator. - To be referred to the ARN TF/3 meeting for further discussions - Syria to review the proposal and will inform ICAO.		TBD
Flight Level Band: FL200-FL410								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/3 March 2010



MID/RC-029	ATS Route Name: W8	Entry-Exit: GITNU-HAB	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
<b>DRZ</b> <b>GITNU 351724N 0411553E</b> <b>TUBEN 351724N 0425434E</b> <b>UMESA 351741N 0434307E</b> <b>OTALO 351700N 0441900E</b> <b>IVANO 351724N 0451235E</b> <b>BOXIX 351724N 0460921E</b> <b>SNJ</b>		Syria  Iraq  Iran		1. Change route designator to regional RNAV route designator ( <b>L, M, N or P requested</b> ). 2. Points highlighted in yellow are new. 3. Coordination with Syria and Iran required for the continuation of route within their airspace. 4. New route in the Baghdad (FIR)		Points highlighted in yellow are new.  - Syria to discuss proposal with Military - To be referred to the ARN TF/3 meeting for further discussions - Syria requested additional time to examine the proposal for the establishment of the ATS route.	TBD	
Flight Level Band: FL200-FL410								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/3 March 2010	

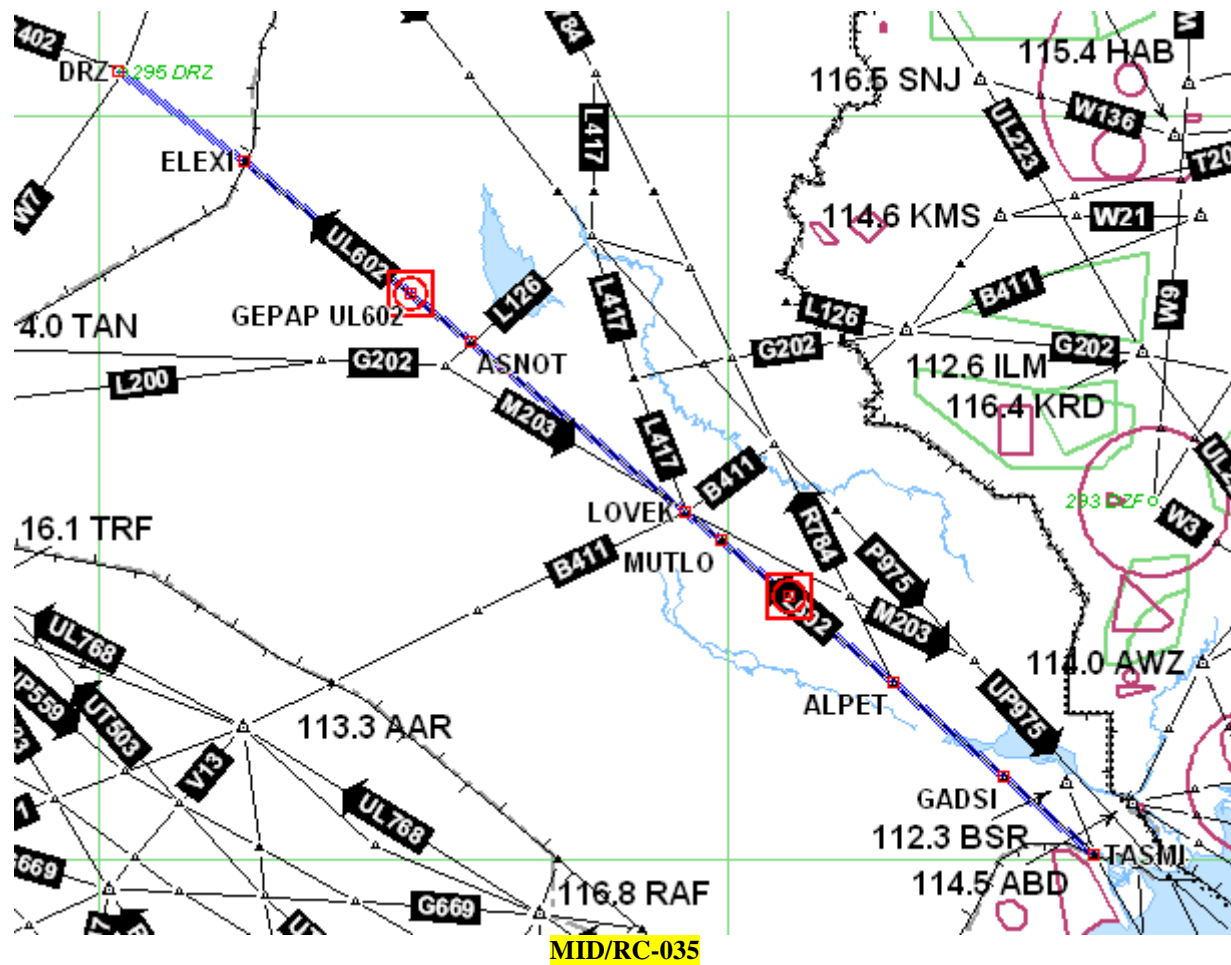


MID/RC-032	ATS Route Name: G665	Entry-Exit: ABD/AAR	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iran
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status		Action Taken / Required	Deadline for each Action
ABADAN (ABD) ARAR (AAR)		Iran Iraq Saudi Arabia	No implementa- tion date yet.	<ol style="list-style-type: none"> <li>1) Iraq to establish new boundary point at Jeddah &amp; Baghdad FIR boundary.</li> <li>2) Iran and Iraq agreed that all east/west routes would be implemented after implementation of RVSM and military approval.</li> <li>3) Coordination Between Iraq and Saudi Arabia Required.</li> </ol>	Available in ATS.1 Table Panjgur-Abadan  New Route in Baghdad FIR..		<p>Points highlighted in yellow are new.</p> <p><del>To be referred to the ARN TF/3 meeting for further discussions</del></p> <p>MID RMA advised the meeting that the proposals submitted by Iraq require assessment by RMA to ensure the passing frequencies are within the specified limits. An estimate of expected traffic volume would be required to conduct the assessment of passing frequencies.</p>	TBD
Flight Level Band: FL240-FL460								
Potential City Pairs:								
Conclusions/Remarks	To further improve the ATS network within Gulf Area.						Last updated	ARN TF/3 March 2010





MID/RC-035	ATS Route Name: UL602	Entry-Exit: TASMI - ELEXI	Inter-Rgional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
TASMI 300120N 0475505E GADSI 303358.08N 0471115.73E ALPET 311219N 0461 44E <b>ITBIT 314735.20N 0452916.57E</b> MUTLO 321018.98N 0445702.83E LOVEK 322 08.40N 044400.20E DELMI 331918.31N 0431327.59E ASNOT 332959.55N 0425716.62E <b>GEPAP 334905.80N 0422850.64E</b> ELEXI 344130N 0410900E		Iraq  Syria		Entire route Westbound	Suspended in the Damascus FIR	<del>Will be opened once comm. &amp; coordination issues in Baghdad FIR are resolved.</del> <b>Iraq considers</b>  Points highlighted in yellow are new.  <b>Syria requested additional time to examine the communication requirements by concerned FIR's.</b>  <b>Once the communication issues are resolved it is expected that the ATS route will be implemented.</b>	Conditional on Communication AIRAC date (25 Sept.2008) Pending acceptance by Syria, of status of communication infrastructure	
Flight Level Band: FL240-FL460								
Potential City Pairs:								
Conclusions/Remarks							Last updated	<b>ARN TF/3 March 2010</b>



K-37

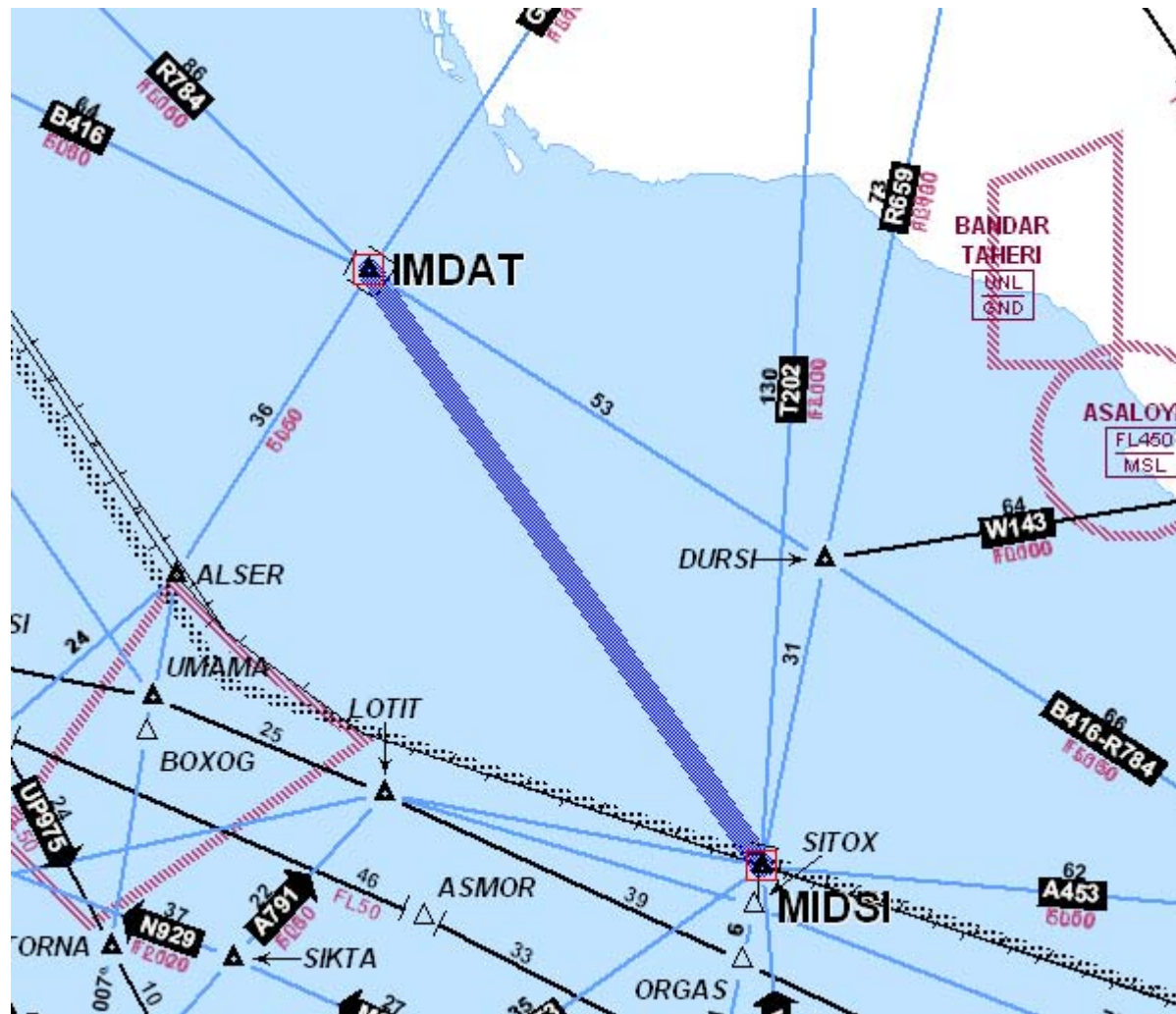
MID/RC-037	ATS Route Name: New Route	Entry-Exit: MIDSI - DASDO	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	Iran
							Date of Proposal	15 March 2010
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
MIDSI 264142N 0515442E DASDO 285118N 0500347E		Bahrain Iran		MIDSI - DASDO	<p>Not in the ANP.</p> <p>Iran is requesting an RNAV Route Designator for the route to be included in the ANP</p>	<p>Bahrain informed the meeting that they had discussed (MIDSI-DASDO) with Iran. The high volume of traffic at MIDSI has exceeded the passing frequency limits. Bahrain proposed a second boundary point to create uni-directional routes. The proposal is to be the subject of bi-lateral discussions between Bahrain and Iran.</p> <p>Another proposal put in by Bahrain and submitted to Iran</p>	Published by Iran as T202	
Flight Level Band: FL 130 - UNL								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/4 May 2011



MID/RC - 037

K-39

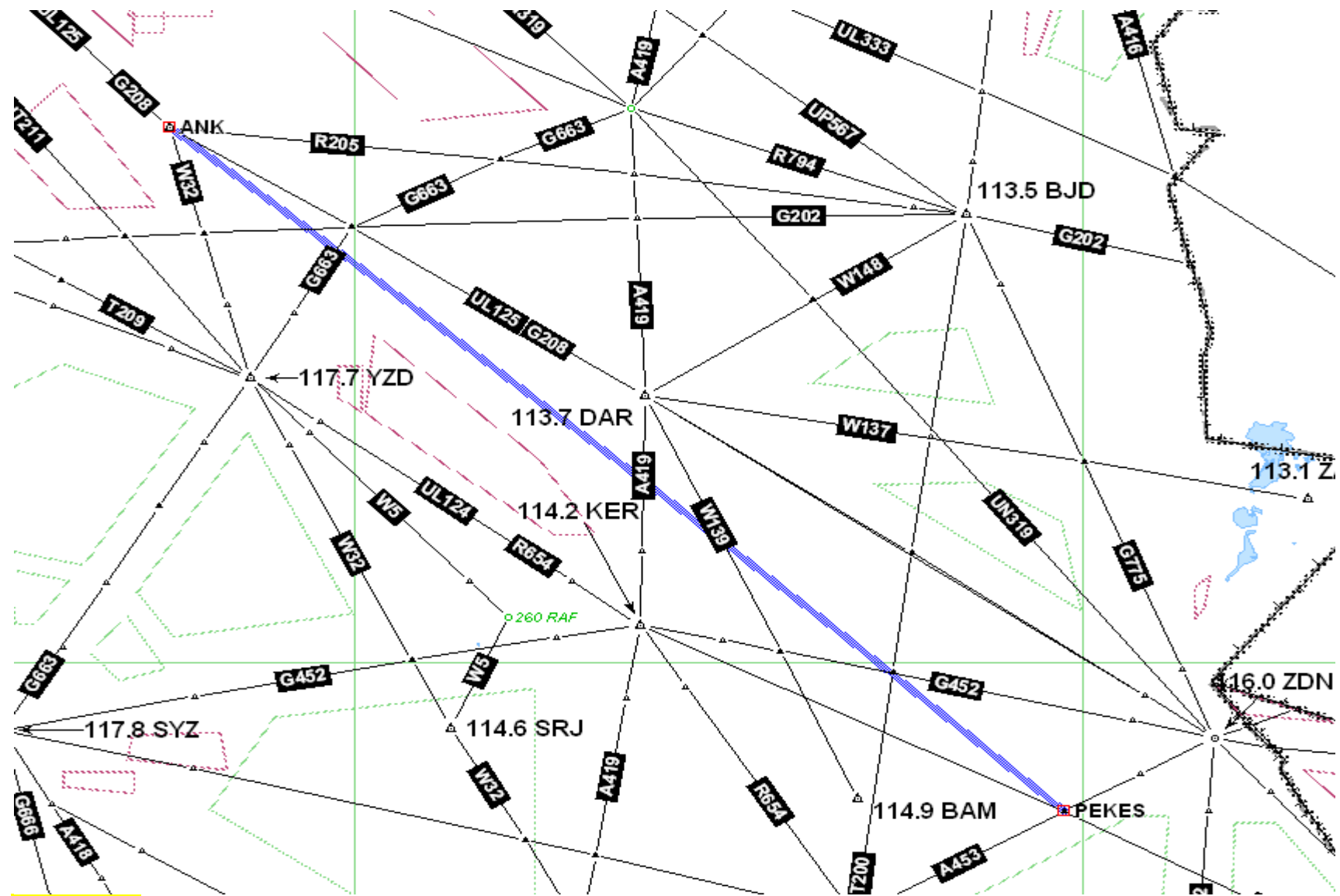
<b>MID/RC-038</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> IMDAT - MIDS	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	Iran
								<b>Date of Proposal</b>
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>		<b>Action Taken/Required</b>	<b>Deadline for each Action</b>
IMDAT 274100N 0511100E MIDS 264142N 0515442E		Bahrain Iran		IMDAT - MIDS Not implemented	Not in the ANP.  Iran is requesting an RNAV Route Designator for the route to be included in the ANP		Bahrain requested additional information regarding the eonnection of (MIDS—IMDAT) before considering the proposal.  Another proposal put in by Bahrain and submitted to Iran	(TBD)
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	ARN TF/4 May 2011	



MID/RC - 038

K-41

<b>MID/RC-040</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> PEKES - ANK	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	Iran
								<b>Date of Proposal</b>
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status		Action Taken/Required	Deadline for each Action
PEKES 285929N 0595221E ANK 333215.1N 0534346.8E		Iran		PEKES - ANK Not implemented	Not in the ANP.		Consideration of the route proposals (PEKES - ANK) did not take place. No change	(TBD)
Flight Level Band:					Iran is requesting an RNAV Route Designator for the route to be included in the ANP			
Potential City Pairs:								
<b>Conclusions/Remarks</b>							<b>Last updated</b>	ARN TF/4 May 2011

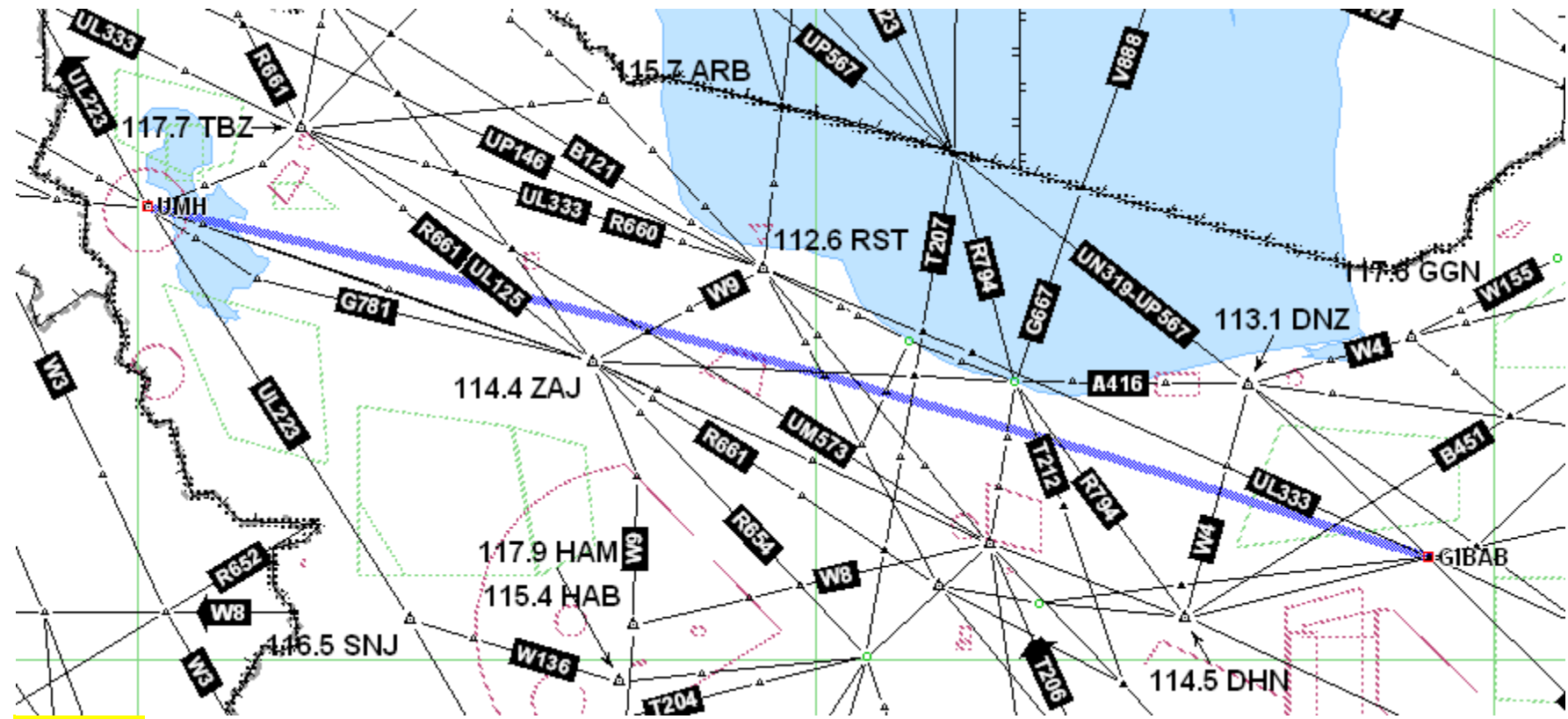


MID/RC - 040



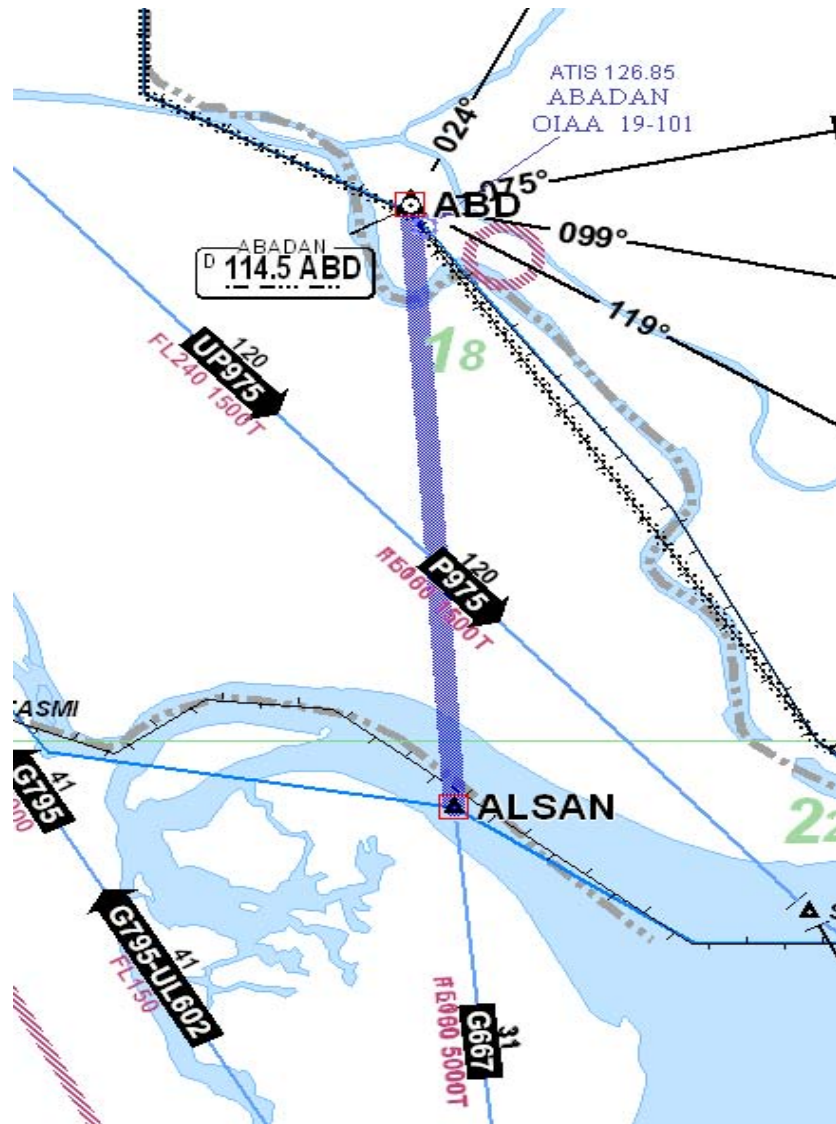
K-43

<b>MID/RC-041</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> GIBAB - UMH	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	Iran
								<b>Date of Proposal</b>
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
GIBAB 353659N 0543055E UMH 374113.9N 0450503.6E		Iran		East bound overflying traffic Not implemented	Not in the ANP.  Iran is requesting an RNAV Route Designator for the route to be included in the ANP	Consideration of the route proposals (GIBAB - UMH) did not take place.  No change	(TBD)	
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	ARN TF/4 May 2011	



MID/RC-041

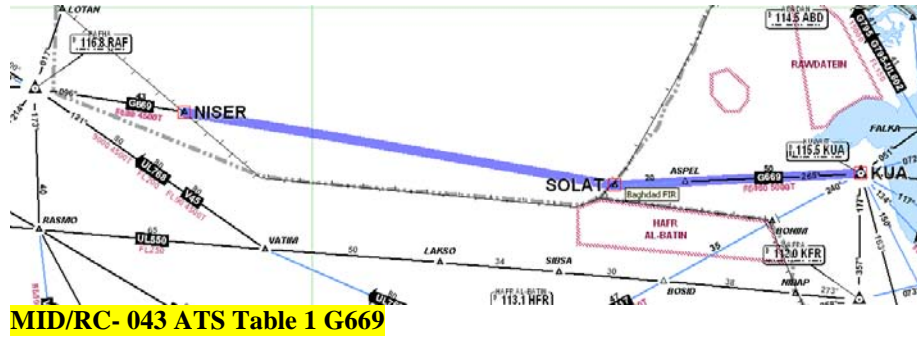
MID/RC-042 ATS Table 1 G667	ATS Route Name: G667	Entry-Exit: Abadan-ALSAN- KUA	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
<b>PUTMA 3748.0N 05157.6E</b> <b>NOSHAHR (NSR)</b> TEHRAN (TRN) SAVEH (SAV) <b>MIS</b> AHWAZ (AWZ) ABADAN <b>ALSAN 295707N 0481456E</b> FALKA KUWAIT (KUA) WAFRA (KFR) MAGALA (MGA) KING KHALID (KIA) WADI AL DAWASIR (WDR) NEJRAN (NEJ) SANA'A (SAA) PARIM 123142.7N 0432712E (DJIBOUTI) DTI		Iran Iraq Kuwait		Abadan – Kuwait Closed	Available in ATS.1 Table	Kuwait has objection to opening the segment. Proposes closure of segment ALSAN to Kuwait as well. Rational – Proximity of ALSAN to release points SIDAD and TASMI  - Not supported by Kuwait at present - Kuwait will carry out further study - To be referred to the ARN TF/3 meeting for further discussions - Not supported by Kuwait at present. - Kuwait requested additional time to examine the proposal. Iraq requested that Airway be suspended until adequate radar coverage exists and RVSM has been implemented in the Baghdad (FIR).  No change.	TBD March 2010	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/4 May 2011



MID/RC-042 ATS Table 1 G667

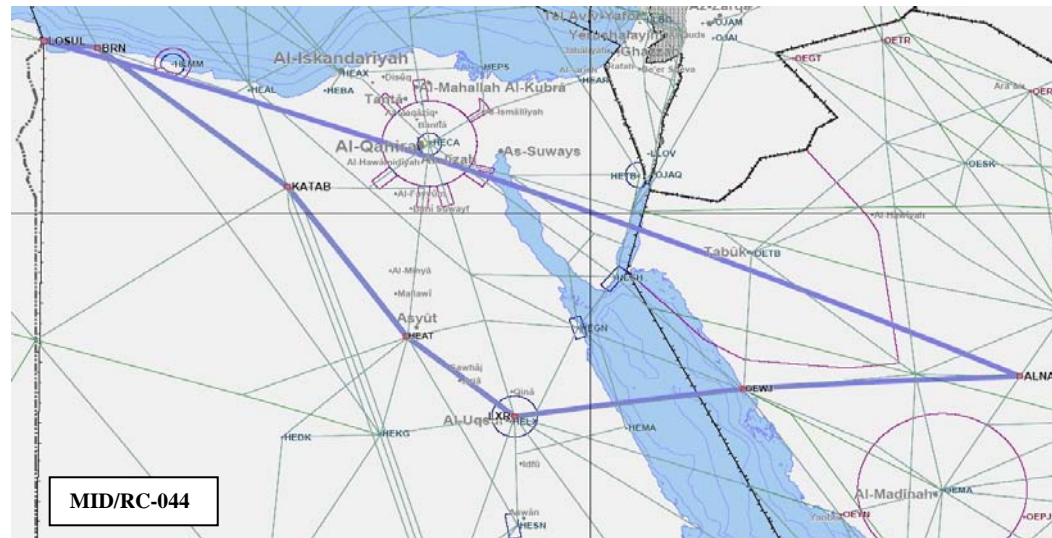
K-47

MID/RC-043 ATS Table 1 G669	ATS Route Name: G669	Entry-Exit: NISER-SOLAT	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
AL SHIGAR (ASH) AL JOU (AJF) RAFHA (RAF) NISER 2930.5N 04418.4E SOLAT 290942N 0463810E *Note 3 (OK) KUWAIT (KUA) SESRA 290803N 0485453E NANPI 290457N 0493157E BUSHEHR (BUZ) VATOB 2851.4N 05116.6E SHIRAZ (SYZ)		Kuwait Iraq Saudi Arabia		Segment Rafha – SOLAT - Kuwait not implemented	Available in ATS.1 Table	<del>Kuwait advised not possible at this time due to military restrictions.</del> - Not supported by Kuwait at present - Kuwait will carry out further study <del>—To be referred to the ARN TF/3 meeting for further discussions</del> - Kuwait requested additional time to examine the proposal for the establishment of ATS route G669. Saudi Arabia has no objection to open the Route G669) as proposed by Iraq as the segment in Jeddah FIR is already implemented.	TBD  March 2010	
Flight Level Band: FL240-FL460								
Potential City Pairs:								
Conclusions/Remarks		To further improve the ATS network within Gulf Area.					Last updated	ARN TF/4 May 2011

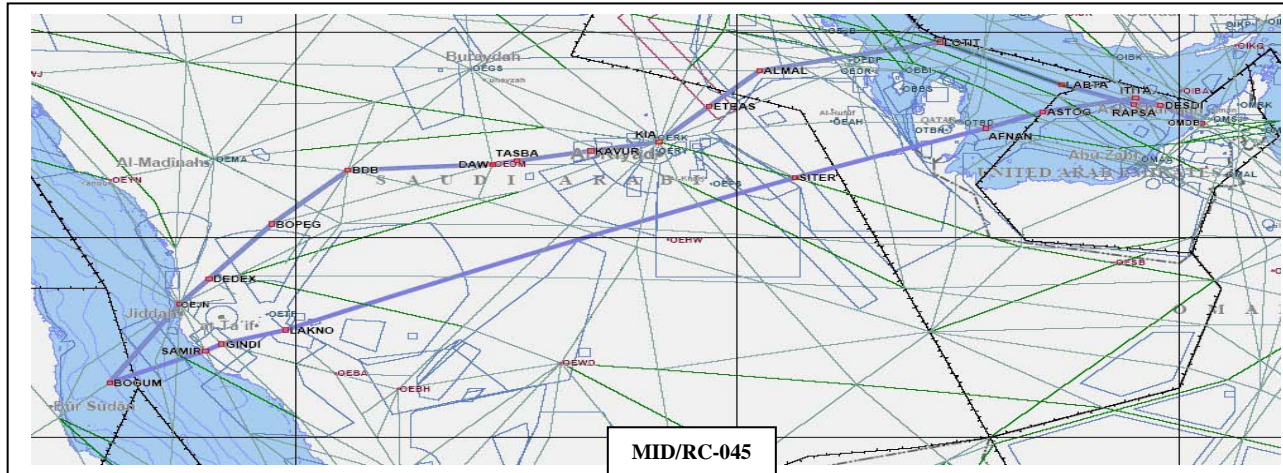


MID/RC-044	ATS Route Name: New Route	Entry-Exit: LOSUL-ALNAT		Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
		Date of Proposal	ARN TF/2						
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status		ANP Status		Action Taken / Required	Deadline for each Action
		Egypt Saudi Arabia						Military reasons not possible at this time	
<b>Flight Level Band:</b>									
<b>Potential City Pairs:</b> DAAG, DTTA, GMMN, HLLT, DTTA to OBBI, OMAA, OMDB, OTBD (Central and Eastern Arabian Peninsula to Maghreb area)									
<b>Conclusions/Remarks</b>		Saving 104 miles, 5051 Kg Co2 per flight.						Last updated	ARN TF/4 May 2011

K-49

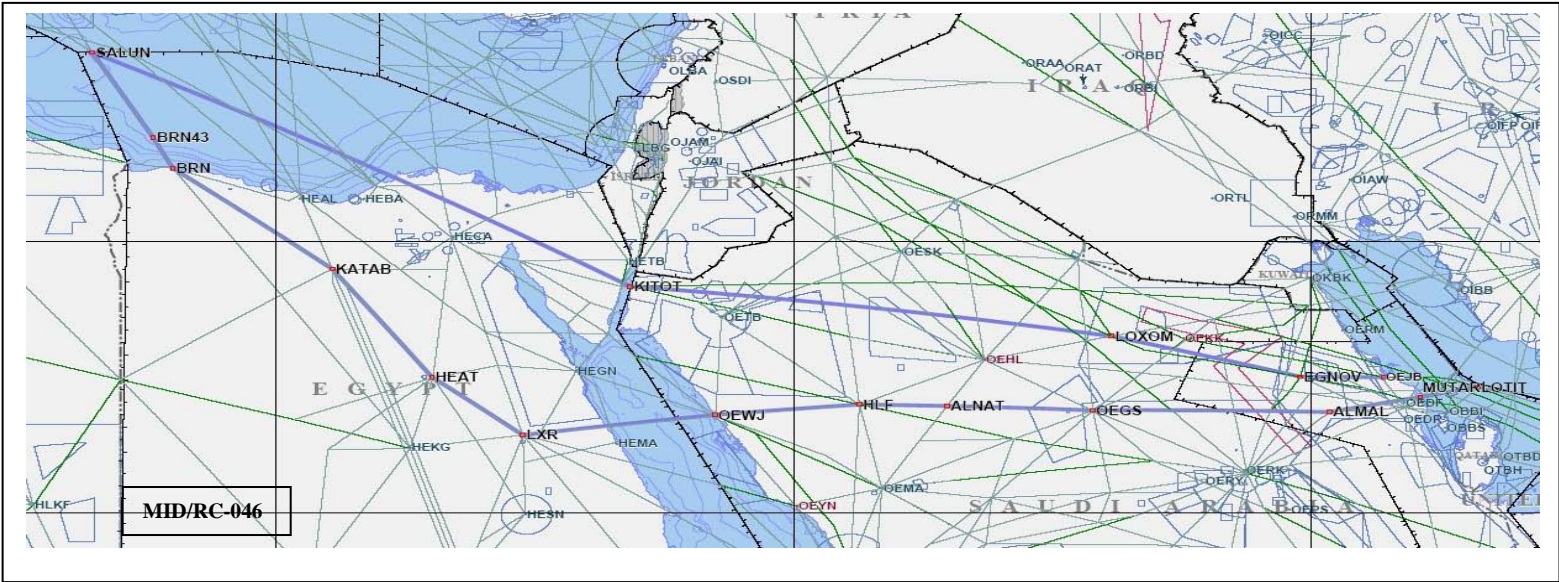


MID/RC-045	ATS Route Name: New Route	Entry-Exit: BOGUM-ASTOG		Inter-Regional Cross Reference if any	Users Priority	Originator of Proposal	IATA	
		Date of Proposal	ARN TF/2					
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
		Bahrain, Qatar, Saudi Araiba, Sudan, United Arab Emirates				<b>Keep it</b> IATA to provide further details		
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b> DGAA, DNMM, HSSS, OEJN, SBGR to OBBI, OMAA, OMDB, OTBD (Central and Eastern Arabian Peninsula to Sudan, West Africa, South America)								
<b>Conclusions/Remarks</b>		Saves 58 miles and 3196 Kg of CO2				<b>Last updated</b>	<b>ARN TF/4 May 2011</b>	

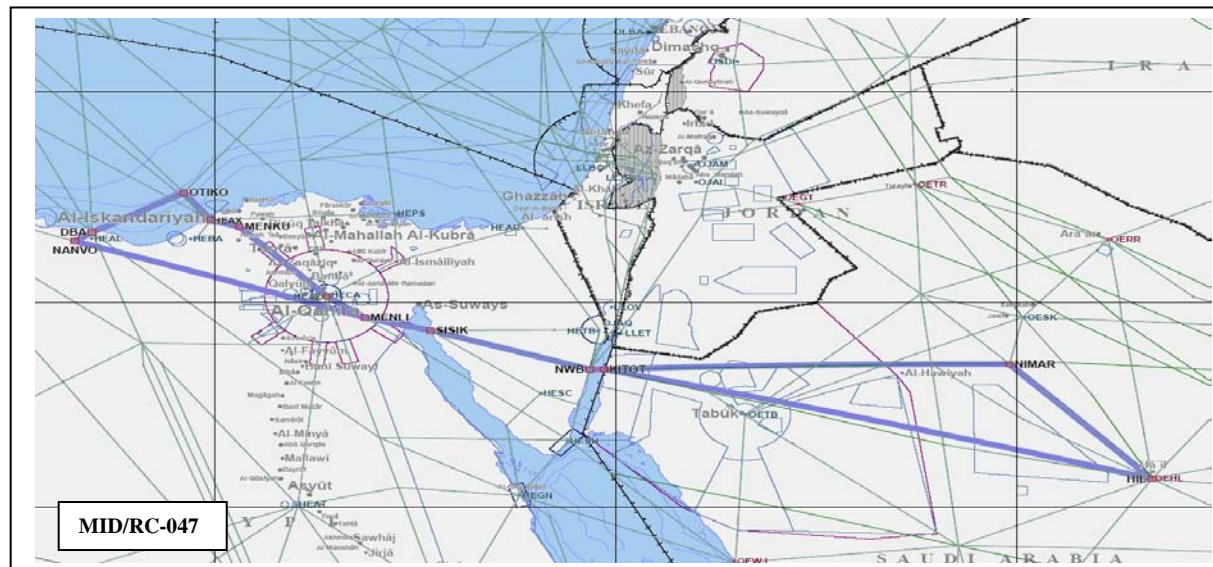


<b>MID/RC-046</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> SALUN-EGNOV	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	<b>Originator of Proposal</b> IATA	
						<b>Date of Proposal</b> ARN TF/2	
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken / Required</b>	<b>Deadline for each Action</b>
		Bahrain, Egypt, Saudi Arabia				IATA to provide further details	
<b>Flight Level Band:</b>							
<b>Potential City Pairs:</b> DAAG, DTTA, GMMN, HECA, LIRF, LFMN to OBBI, OMAA, OMDB, OTBD (Eastern Arabian Peninsula to Egypt, Maghreb and Mediterranean areas)							
<b>Conclusions/Remarks</b>	Saves 275 miles and 8267 kg of CO2 per flight					<b>Last updated</b>	ARN TF/4 May 2011





<b>MID/RC-047</b>	<b>ATS Route Name: New Route</b>	<b>Entry-Exit:</b>	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>		<b>Originator of Proposal</b>	IATA
		HIL-NANVO					<b>Date of Proposal</b>	ARN TF/2
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
		Egypt Saudi Arabia				IATA to provide further details		
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b> DAAG, DTTA, GMMN, HECA, HLLT, to OBBI, OERK, OMAA, OMDB, OTBD (Central and Eastern Arabian Peninsula to Egypt, Libya and Maghreb area)								
<b>Conclusions/Remarks</b>	Saves 73 miles and 3900 Kg of CO2					<b>Last updated</b>	ARN TF/4 May 2011	



<b>MID/RC-048</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> MUT in Turkey to BAN in Syria	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>		<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/2
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
		Cyprus, Syria, Turkey				IATA to provide further details		
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b> OBBI, OERK, OMAA, OMDB, OSDI, OTBD to LBSF, LGAV, LROP, LTAC, LTBA (Arabian Peninsula and Syria to Greece, Turkey, Black Sea area)								
<b>Conclusions/Remarks</b>	Saves 10NM per flight					<b>Last updated</b>	ARN TF/4 May2011	

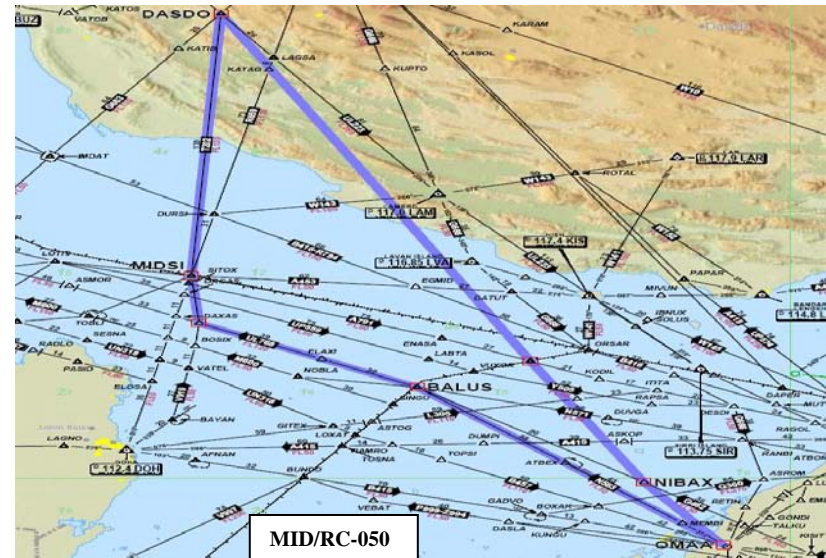


<b>MID/RC-049</b>	<b>ATS Route Name:</b> Establishing a missing segment on R659	<b>Entry-Exit:</b> DOH-BAT	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	<b>Originator of Proposal</b> IATA	
						<b>Date of Proposal</b> ARN TF/2	
<b>Route Description</b> A direct segment on an airway that was compensated for by a dog leg B415 BUNDU V997 BAT		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken / Required</b>	<b>Deadline for each Action</b>
		Bahrain, Qatar, United Arab Emirates	ASAP			Expected implementation September 2011 as a timed out route	
<b>Flight Level Band:</b>							
<b>Potential City Pairs:</b> OTBD to HSSS, OEJN, OYSN (Qatar to Southern and Western Arabian Peninsula, Sudan, West Africa, South America)							
<b>Conclusions/Remarks</b>	Saving 62 miles per flight					<b>Last updated</b>	ARN TF/4 May2011

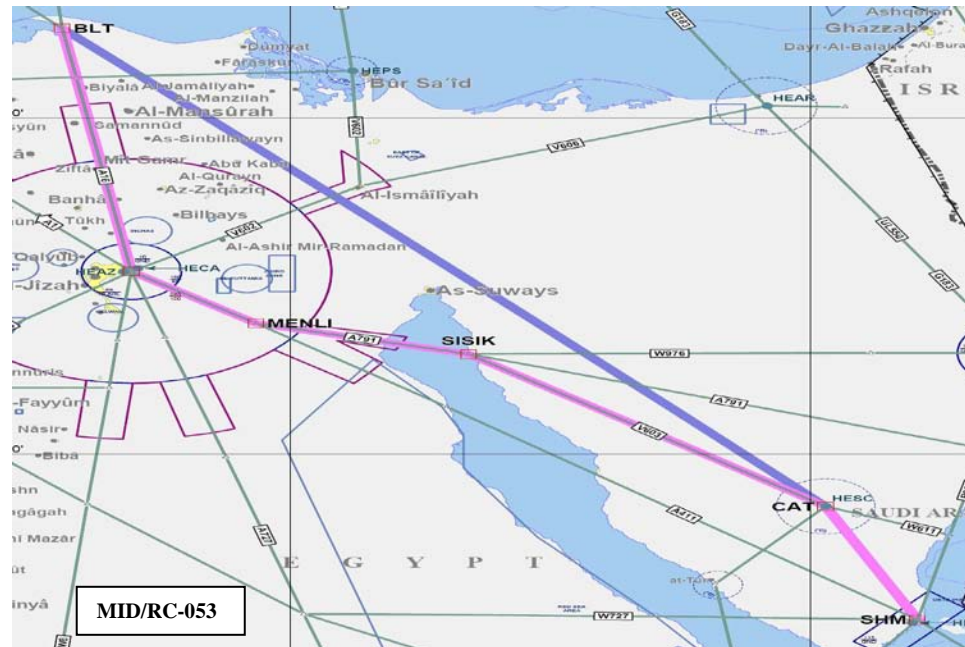


K-55

<b>MID/RC-050</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> ADV / DASDO	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>		<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/2
<b>Route Description</b> A northbound airway that will avoid a dog leg via DARAX or MIDSI.		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken / Required</b>	<b>Deadline for each Action</b>	
		Bahrain Iran UAE				IATA to provide further details		
<b>Flight Level Band: Upper</b>								
<b>Potential City Pairs:</b> OMAA to Iran, Europe & North America								
<b>Conclusions/Remarks</b>	Saving 39 miles, 20 fts/day, 48 Tons of CO2 daily					<b>Last updated</b>	ARN TF/4 May 2011	

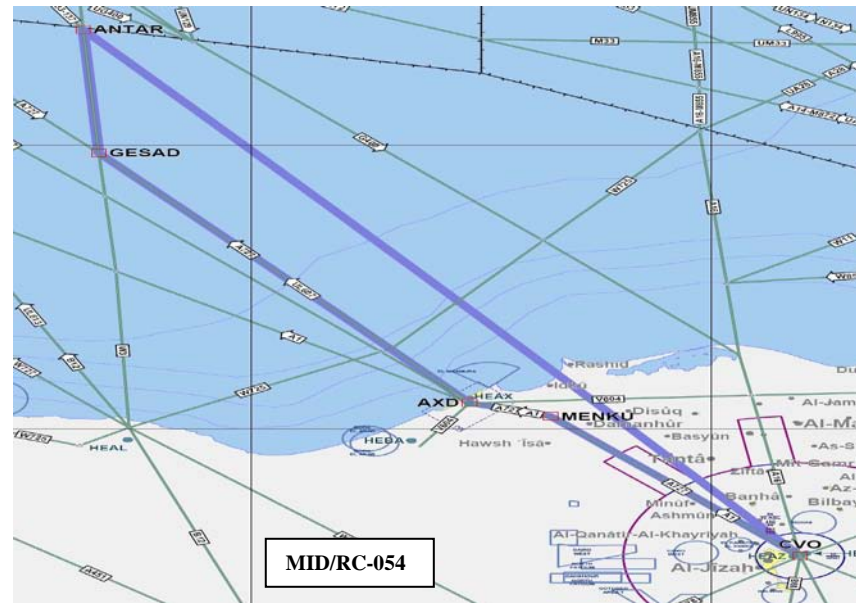


MID/RC-053 Ex RC-513	ATS Route Name: New Route	Entry-Exit:	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
		BALTIM-SHM					Date of Proposal	ARN TF/2
Route Description New Route BALTIM to SHM		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
Flight Level Band: Upper		Egypt				Possible Night rules by IAC Also to be provided to RMA <b>Penetrates military airspace.</b>		
Potential City Pairs: Arabian Peninsula to Europe								
Conclusions/Remarks		Saves 24 miles / Flt			Last updated		<b>ARN TF/4 May 2011</b>	

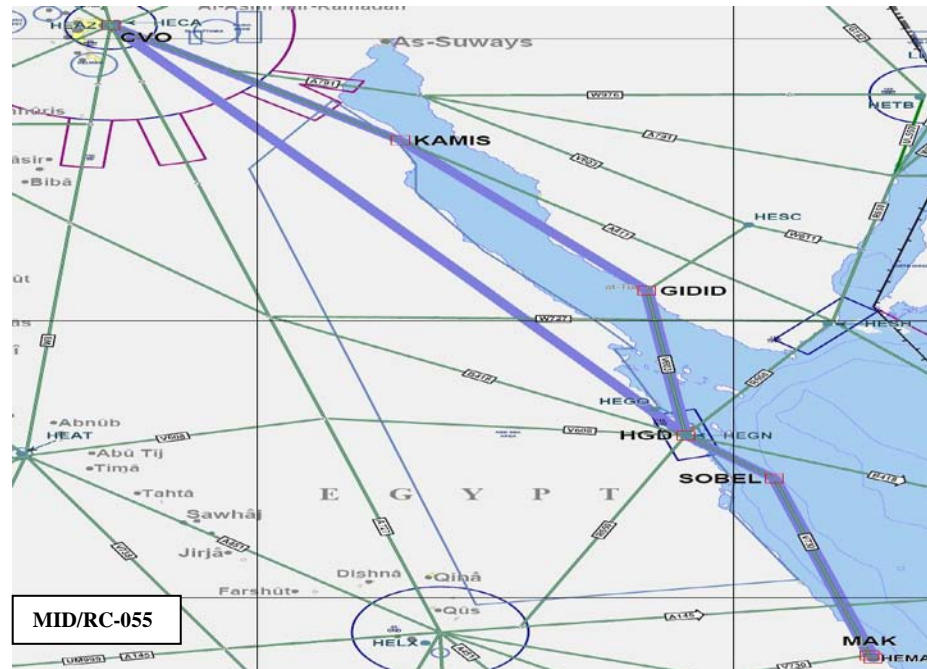


K-57

<b>MID/RC-054</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b>	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>		<b>Originator of Proposal</b>	IATA
		CVO-ANTAR					<b>Date of Proposal</b>	ARN TF/2
<b>Route Description</b> Cairo TO ANTAR		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken / Required</b>	<b>Deadline for each Action</b>	
<b>Flight Level Band: Upper</b>		Egypt				Not much Traffic on this route Military issues Differed for the future		
<b>Potential City Pairs:</b> HECA and Arabian Peninsula to Europe								
<b>Conclusions/Remarks</b>	Saves 13 minutes					<b>Last updated</b>	ARN TF/4 May 2011	



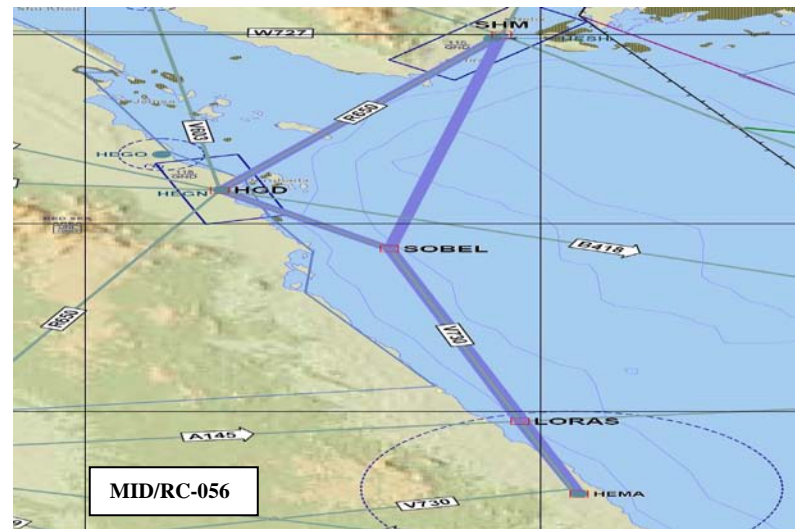
<b>MID/RC-055</b>	<b>ATS Route Name:</b> New Route L315	<b>Entry-Exit:</b> HEMA-CVO	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>		<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/2
<b>Route Description</b> MAK-CVO		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken / Required</b>	<b>Deadline for each Action</b>	
<b>Flight Level Band: Upper</b>		Egypt				L315 to be discussed with Saudi Arabia for direction of route		
<b>Potential City Pairs:</b> Northwestern Red Sea to HECA and Europe								
<b>Conclusions/Remarks</b>	Saves 9 miles					<b>Last updated</b>	ARN TF/4 May 2011	





K-59

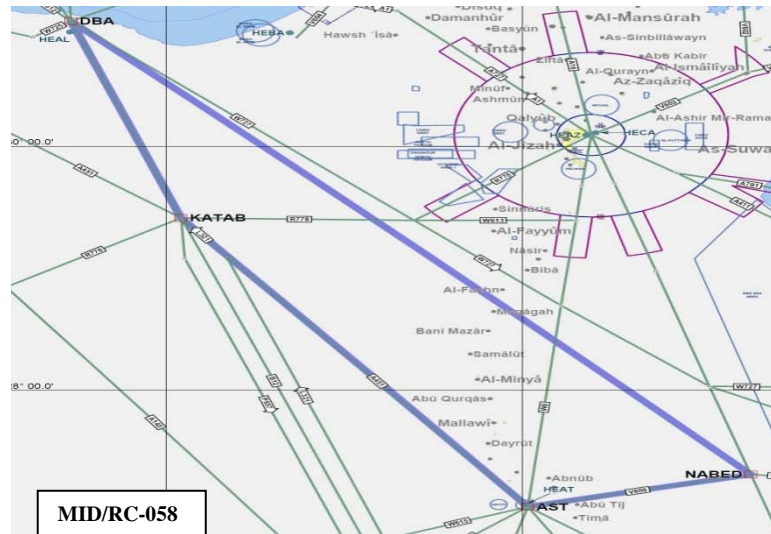
<b>MID/RC-056</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> HEMA-SHM	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>		<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/2
<b>Route Description</b> HEMA-SHM		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>		<b>ANP Status</b>	<b>Action Taken / Required</b>	<b>Deadline for each Action</b>
		Egypt					IATA to provide further details	
<b>Flight Level Band: Upper</b>								
<b>Potential City Pairs:</b> HESH, Eastern Mediterranean, Europe to Western Red Sea Coast								
<b>Conclusions/Remarks</b>	Saves 17 miles						<b>Last updated</b>	ARN TF/4 May 2011



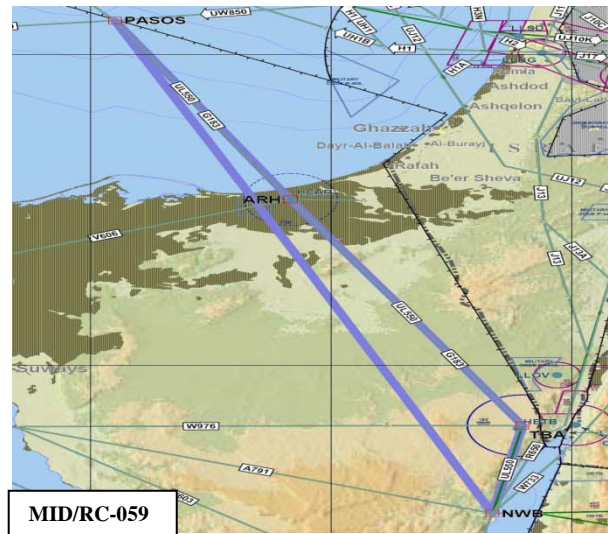
MID/RC-057	ATS Route Name: New Route	Entry-Exit: KHATAB-SEMURU	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
							Date of Proposal	ARN TF/2
Route Description KATAB-SEMURU		States Concerned	Expected Implemen- tation date	Implementation Status		ANP Status	Action Taken / Required	Deadline for each Action
Flight Level Band: Upper		Egypt					IATA to provide further details	
Potential City Pairs: Arabian Peninsula to North Africa								
Conclusions/Remarks		Saves 11 Miles					Last updated	ARN TF/4 May 2011



<b>MID/RC-058</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b>	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>		<b>Originator of Proposal</b>	IATA
		NADEB-DBA					<b>Date of Proposal</b>	ARN TF/2
<b>Route Description</b> NADEB-DBA		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>		<b>ANP Status</b>	<b>Action Taken / Required</b>	<b>Deadline for each Action</b>
		Egypt					IATA to provide further details	
<b>Flight Level Band: Upper</b>								
<b>Potential City Pairs:</b> Arabian Peninsula to Europe								
<b>Conclusions/Remarks</b>	Saves 47 Miles						<b>Last updated</b>	ARN TF/4 May 2011



<b>MID/RC-059</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b>	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>		<b>Originator of Proposal</b>	IATA
		PASOS-NWB					<b>Date of Proposal</b>	ARN TF/2
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken / Required		Deadline for each Action
		Egypt				IATA to provide further details		
<b>Flight Level Band: Upper</b>								
<b>Potential City Pairs:</b> Arabian Peninsula to Egypt								
<b>Conclusions/Remarks</b>	Saves 7 Miles					<b>Last updated</b>	ARN TF4 May 2011	



<b>MID/RC-062</b> <i>(ex B538)</i>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> GAZIANTEP DAMASCUS	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	MIDANPIRG/10
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
(GAZIANTEP) ALEPPO KARIATAIN DAMASCUS		Syria		GAZIANTEP – ALEPPO Established as (B544) ALEPPO – KARIATAIN Established as (B538) KARIATAIN – DAMASCUS not established		No updates		
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>	Segment GAZIANTEP-ALEPPO implemented (B544)					<b>Last updated</b>	ARN TF/4 May 2011	

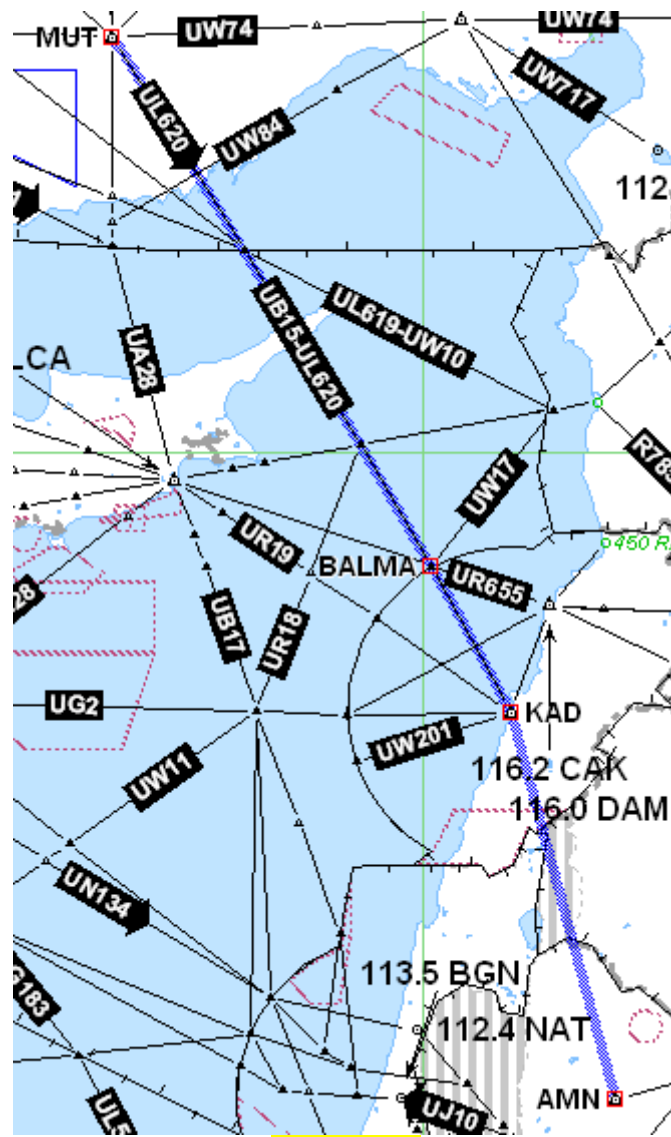
K-64



K-65

<b>MID/RC-063</b> <i>(ex B545)</i>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> BALMA-AMMAN	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	MIDANPIRG/10
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
(MUT) BALMA 3428.9N 035 3.0E KHALDEH AMMAN		Amman Beirut Ankara		MUT – BALMA – KHALDE Implemented as (UB15/UL620)  KHALDE – AMMAN not implemented		No update		
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	ARN TF/4 May 2011	

K-66

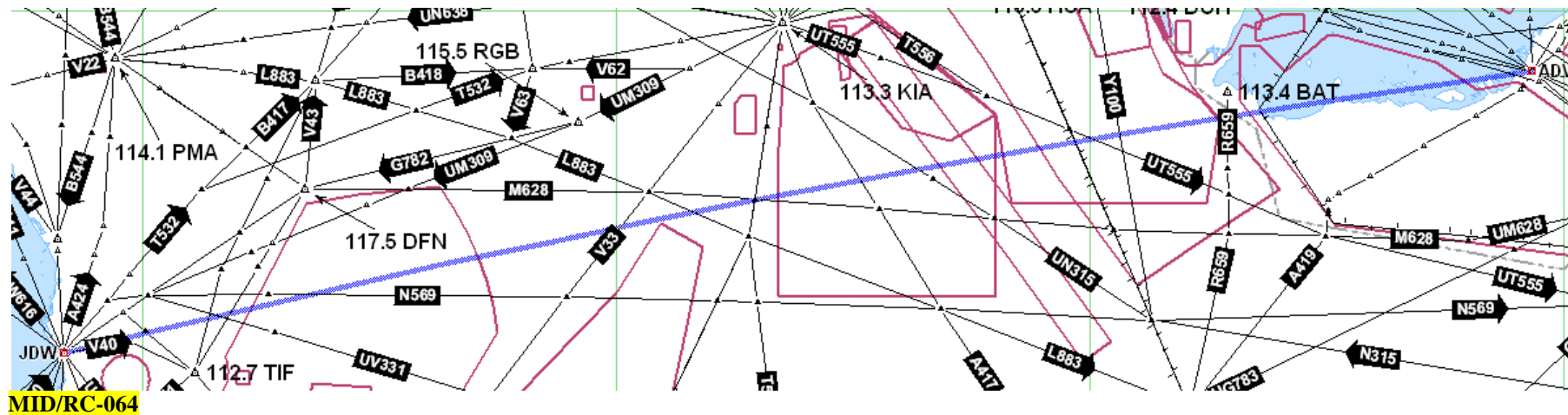


MID/RC-063

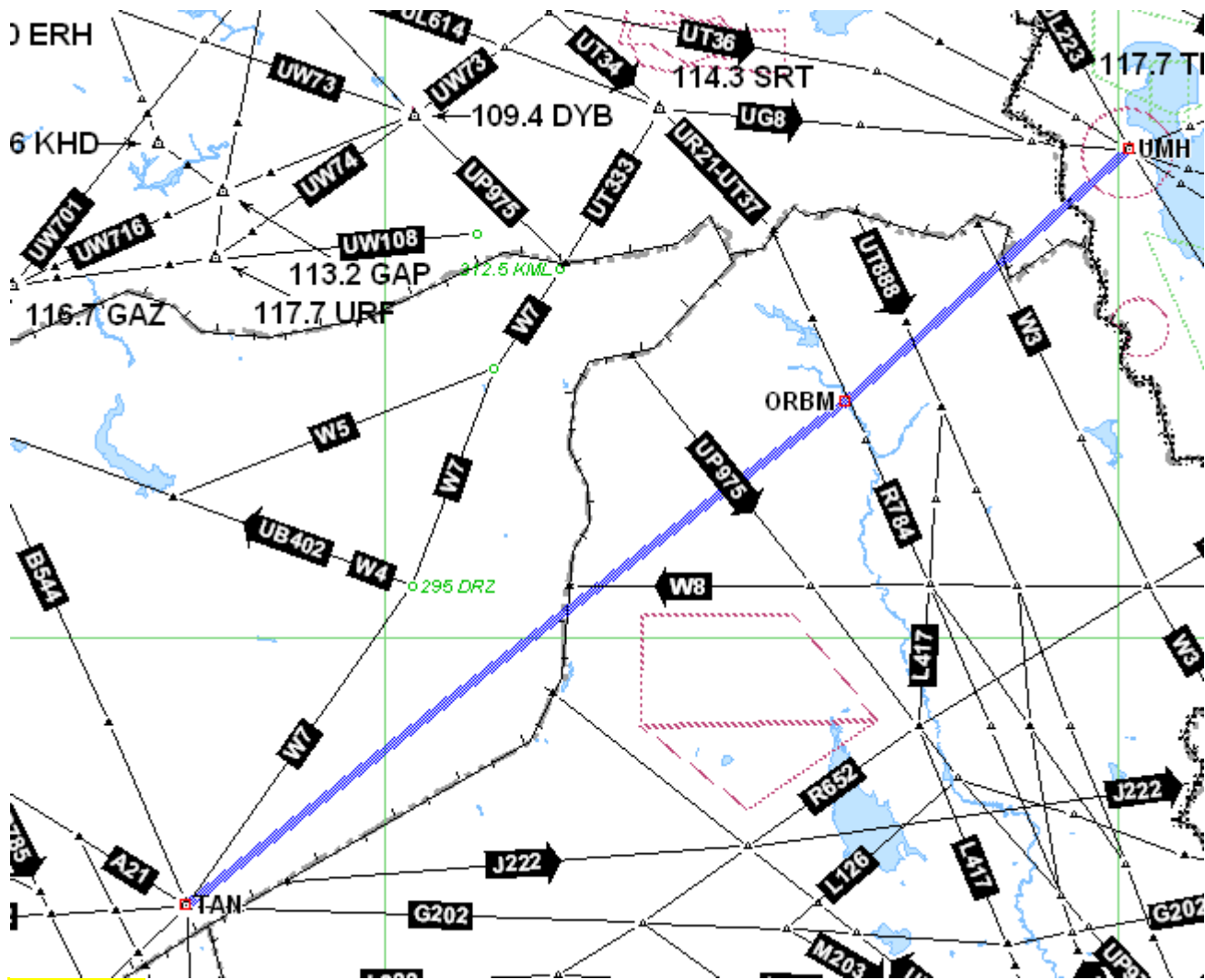


K-67

MID/RC-064 (ex G660)	ATS Route Name: New Route	Entry-Exit: JDW-ADV	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
	Date of Proposal				MIDANPIRG/10			
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
KING ABDULAZIZ ABU DHABI * Note3 (OE, OM)		Saudi Arabia Bahrain UAE				No change to status		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks	Military restrictions					Last updated	ARN TF/4 May 2011	



MID/RC-067 <i>(ex G671)</i>	ATS Route Name:	Entry-Exit: TANF-UMH	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	MIDANPIRG/10
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
TANF MOSUL UMH		Syria Iraq Iran				No update		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/4 May 2011



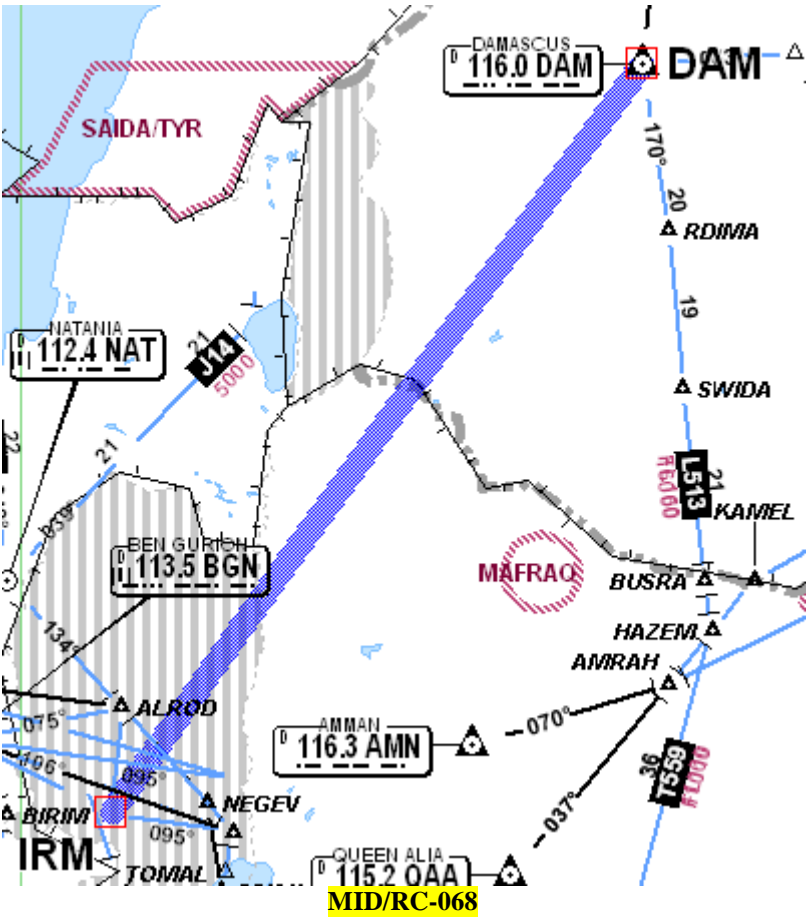
MID/RC-067

APPENDIX K

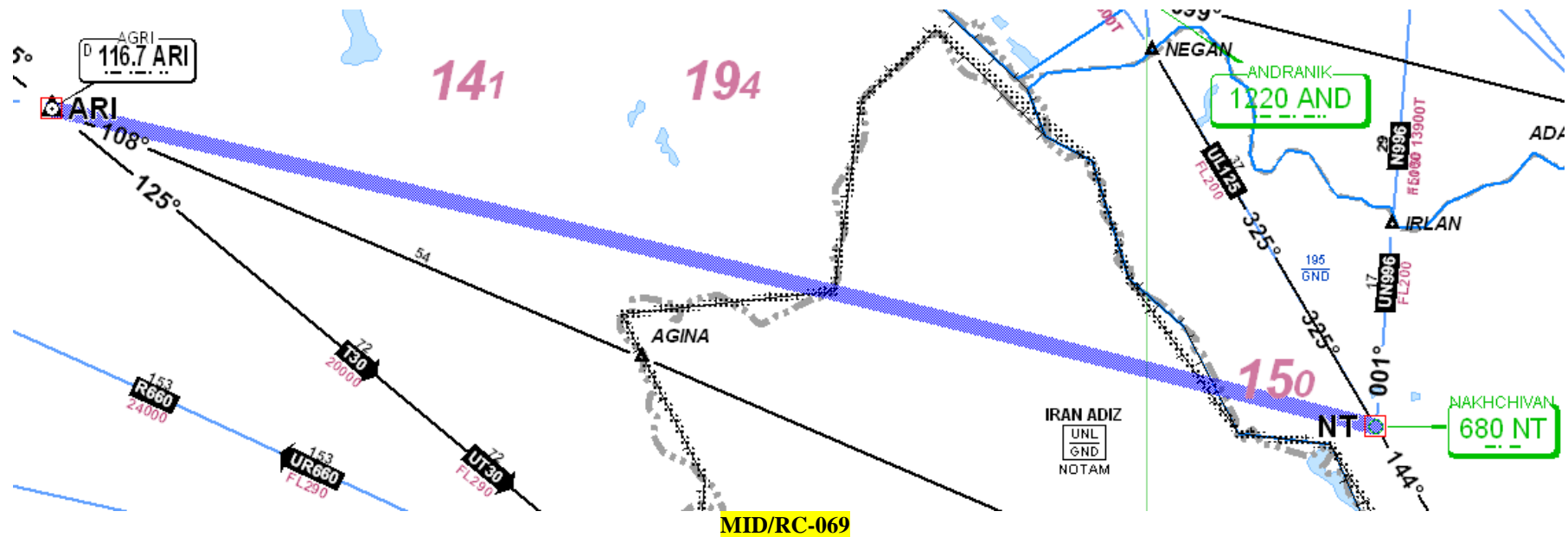
K-70

MID/RC-068 <i>(ex R653)</i>	ATS Route Name: New Route	Entry-Exit: JERUSALEM DAMASCUS	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	MIDANPIRG/10
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
JERUSALEM RAMTHA DAMASCUS		Damascus Tel-Aviv				No update		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/4 May 2011

K-71

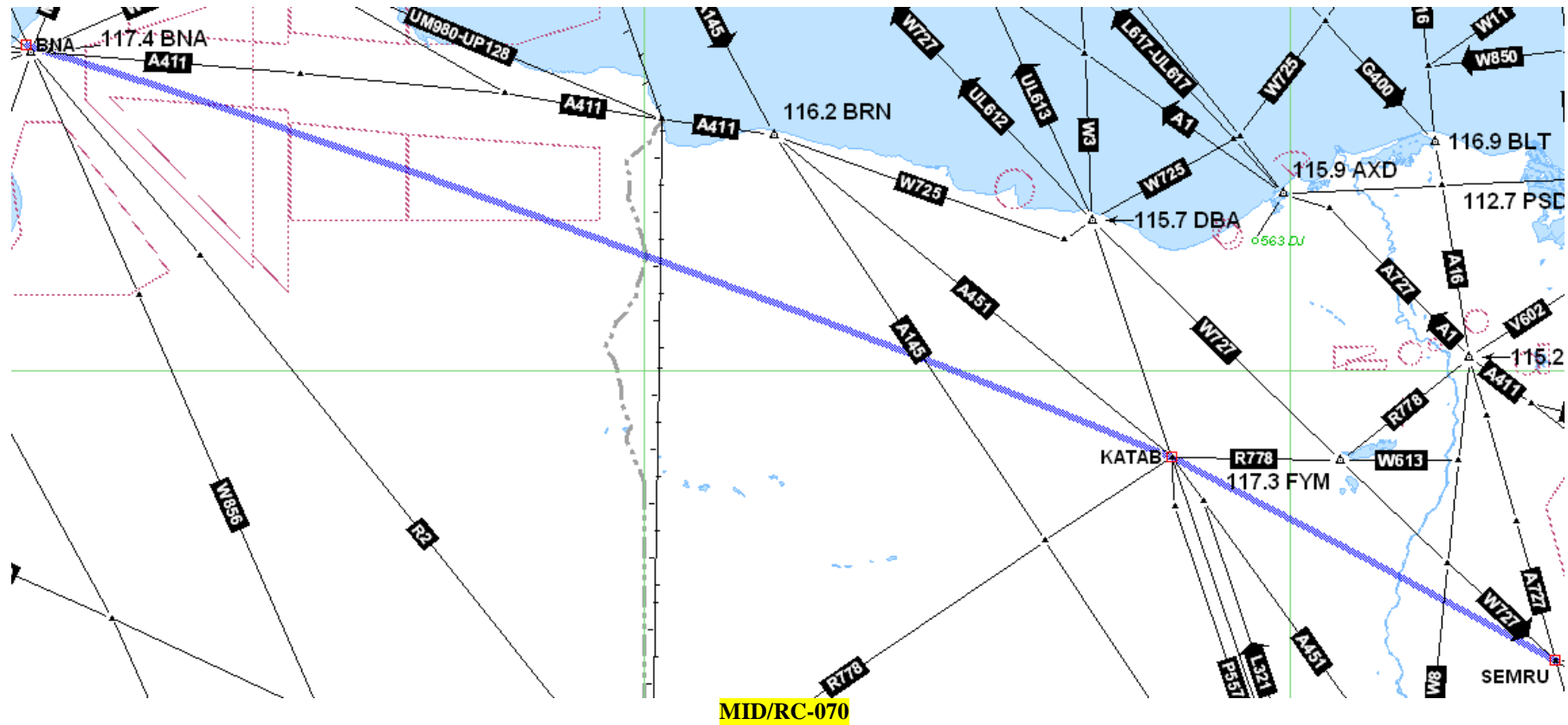


MID/RC-069	ATS Route Name: New Route	Entry-Exit: ARI (Agri) NT (Nakhchivan)	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	Turkey (2002)
							Date of Proposal	MIDANPIRG/10
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
ARI (Agri) AAAAA (TUR/IRN BDRY) BBBBB (IRN/AZE BDRY) NT (Nakhchivan)		Turkia Iran Yerevan (AZE)				No update		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF4 May 2011	



K-73

<b>MID/RC-070</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> BNA-KATAB- SEMURU	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/1
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
BNA (N32 07.5 E020 15.2) – KATAB (N29 25.0 E029 05.1) – SEMURU (N28 02.0 E032 03.1)				New ATS route.		Differed for the future		
<b>Flight Level Band:</b> FL290 – FL410								
<b>Potential City Pairs:</b> CMN/ALG/TUN/TIP-DOH								
<b>Conclusions/Remarks</b>	This AWY would save considerable track miles BNA – KATAB – SEMURU Libya FIR to Egypt FIR					<b>Last updated</b>	ARN TF/4, May 2011	

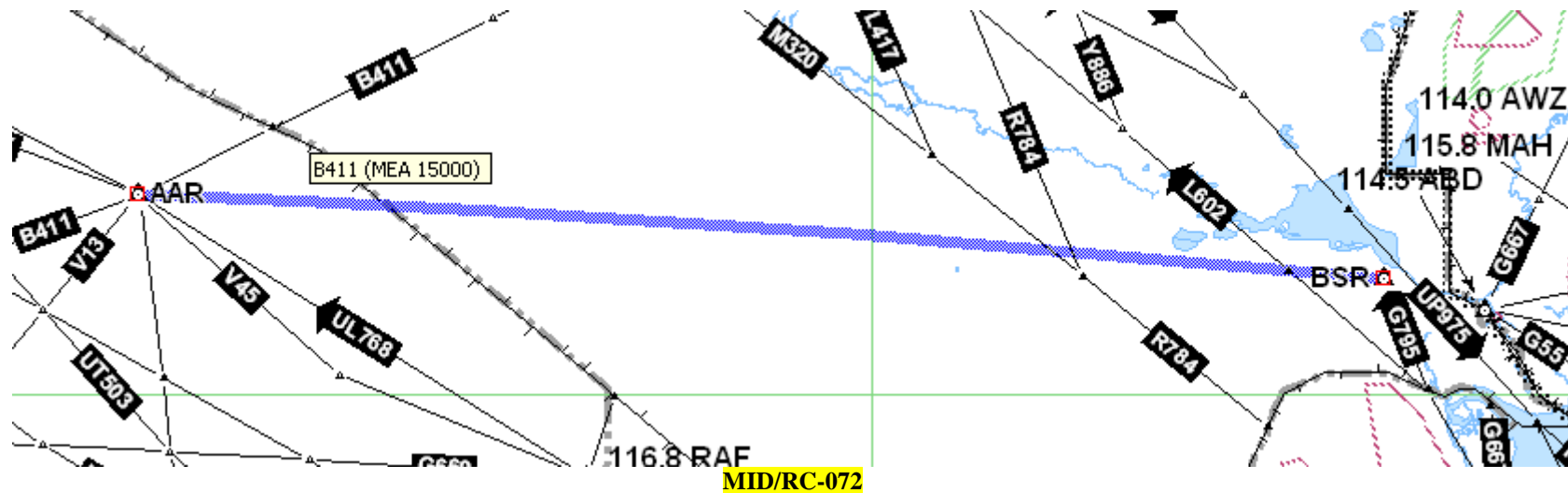




K-75

MID/RC-071	ATS Route Name:	Entry-Exit:	Inter-Regional Cross Reference if any	Users Priority	High	Originator of Proposal	IATA	
	New route	DELMA-A145				Date of Proposal	ARN TF/1	
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
<p>From DELMA in the CAI FIR a route to point DDDDD on B544 18NMs south of UA791 (SOBAS) and crosses:                      CAI-JED FIR Boundary at AAAAA, 33 NMs south of KITOT V54 at BBBBB, 13 NMs south of TBK, W334 at CCCCC, 31 NMs south-east of TBK from DDDDD to FFFFF on A424 18 NMs south of UA791(HIL) and crosses:                      A788 at EEEEE 31 NMs south-west of HIL from FFFFFto MGA on A145 ad crosses:                      G662 at GGGGG, 47 NMs south-east of HIL V20 at HHHHH, 24 NMs south of NALBU B417 at IIIII, 20 NMs south-west of RARLO W333 at JJJJJ, 10 NMs south-west of SERPU UT503 at KKKKK, 9 NMs south-east of SERPU, and W23 at LLLLL, 36 NMs south of SIBLI from MGA, the route continues normally on A145.</p>		Egypt				- Egypt and Saudi Arabia will consider the proposal for future.  Parallel to A791/A145  No updates		
<b>Flight Level Band:</b> Upper Airspace								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>					<b>Last updated</b>		ARN TF/4, May 2011	

MID/RC-072 <i>(ex B401)</i>	ATS Route Name: New route	Entry-Exit: ARRAR – BASRAH (BSR)	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
ARAR (AAR) BASRAH (BSR)		Saudi Arabia Iraq				- Not feasible at present. No updates		
Flight Level Band: Upper Airspace								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	



K-77

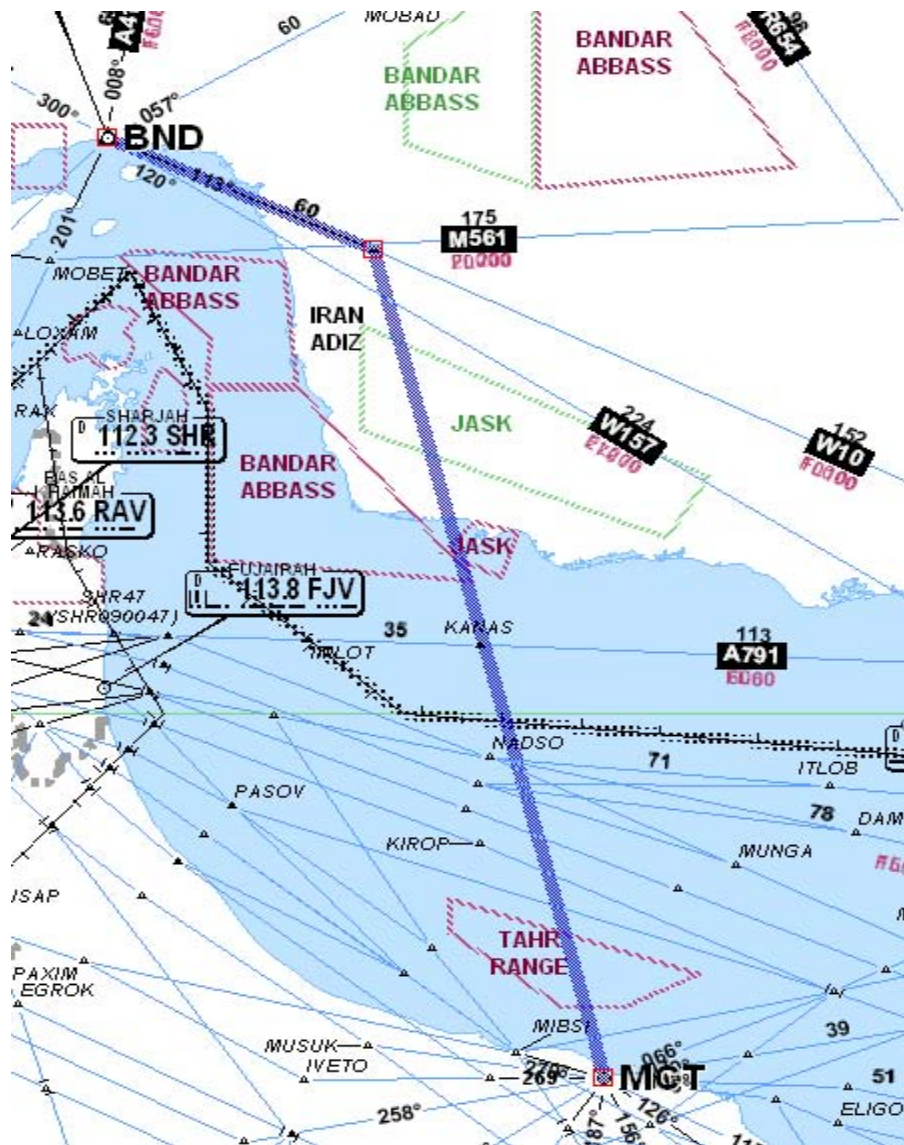
<b>MID/RC-073</b> <i>(ex B410)</i>	<b>ATS Route Name:</b> New route	<b>Entry-Exit:</b> MUT – DAMASCUS	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/1
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
MUT CHEKA (CAK) * Note 3 (OS) DAMASCUS (DAM)		Turkey  Syria		Not implemented		No change		
<b>Flight Level Band:</b> Upper Airspace								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	ARN TF/4 May 2011	



MID/RC-073

K-79

<b>MID/RC-074</b> <i>(ex R658)</i>	<b>ATS Route Name:</b> New route	<b>Entry-Exit:</b> MUSCAT - BANDAR ABBAS	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/1
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
SEEB Muscat (MCT) MELMI 2647.0N 05723.0E BANDAR ABBAS (BND)		Iran Oman		Not implemented.		Differed for the future		
<b>Flight Level Band:</b> Upper Airspace								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>							<b>Last updated</b>	ARN TF/4 May 2011



MID/RC-074

K-81

MID/RC-075	ATS Route Name: New route	Entry-Exit: ORTAP - BRN	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/2
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
ORTAP BRN		Egypt Lybia Malta		Not implemented.		Egypt has no objection to establish the route as Uni- directional Under study		
Flight Level Band: Upper Airspace								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	

MID/RC-076	ATS Route Name: New route	Entry-Exit: AMIBO – DBA	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/2
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
AMIBO DBA		Egypt Lybia Malta		Not implemented.		No updates		
Flight Level Band: Upper Airspace								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	

<b>MID/RC-077</b>	<b>ATS Route Name:</b> New route	<b>Entry-Exit:</b> BINKO - RASNO - LOSUL	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA
							<b>Date of Proposal</b>	ARN TF/2
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
BINKO RASNO LOSUL		Egypt Lybia Malta		Not implemented.		Egypt has no objection to establish the route as Uni- directional No change		
<b>Flight Level Band:</b> Upper Airspace								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	ARN TF/4 May 2011	

<b>MID/RC-078</b>	<b>ATS Route Name:</b> B412	<b>Entry-Exit:</b> DAM - ASH	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	ANP
							<b>Date of Proposal</b>	17/May/2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
DAMASCUS (DAM) * Note 4(OS, OJ) [AMMAN] AL SHIGAR (ASH)		Syria Jordan Saudi Arabia		- Segment DAM – ASH – HLF not achievable agreed to be moved to ATS Route Catalogue	Removed from the ANP	Differed for the future	TBD	
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	ARN TF/4 May 2011	

Figure 1MID/RC-078



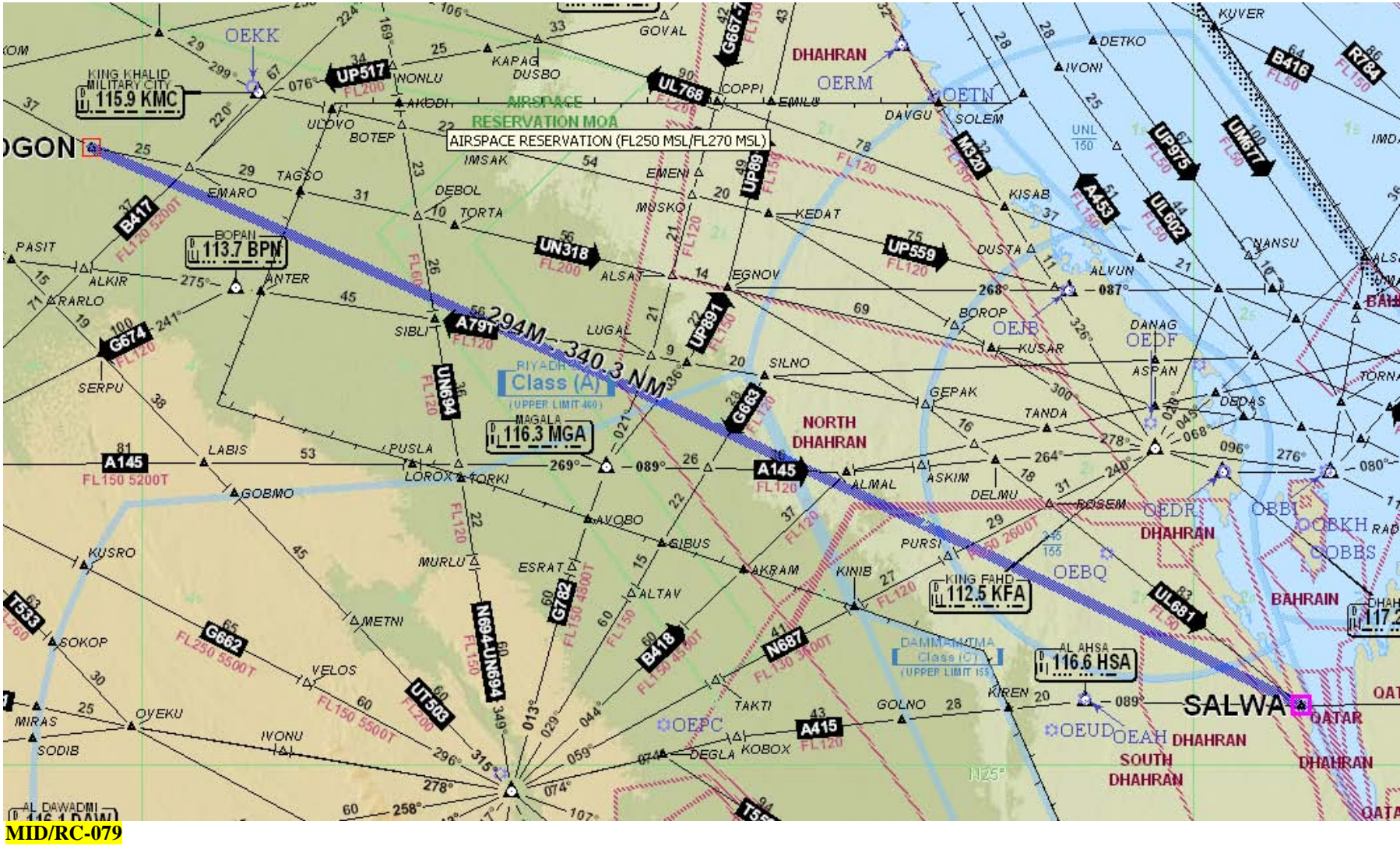
K-83



MID/RC-078

<b>MID/RC-079</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> SALWA - MOGON	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	Qatar Airways
								<b>Date of Proposal</b>
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
SALWA 2515.6N 05030.8E MOGON 2738.8N 04445.9E		Bahrain Saudi Arabia				- To cater for arrival traffic from the West  - which would also allow A145 traffic to use this proposed segment		
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>	Saves 11NM					<b>Last updated</b>	ARN TF/4 May 2011	

K-85



<b>MID/RC-080</b>	<b>ATS Route Name:</b> New Route	<b>Entry-Exit:</b> BUSRA - KTN	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	ICAO EUR/NAT	
								<b>Date of Proposal</b>	17 May 2011
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>		
BUSRA 322000N 0363700E KARIATAIN (KTN)		Syria			Not in ANP	State letter to be sent to Syria for input.			
<b>Flight Level Band:</b>									
<b>Potential City Pairs:</b> HEGN - UUDD									
<b>Conclusions/Remarks</b>	Shortens the distance by 85NM.					<b>Last updated</b>	ARN TF/4 May 2011		

K-87



MID/RC-080

<b>MID/RC-081</b>	<b>ATS Route Name:</b> New Route UQ596	<b>Entry-Exit:</b> DAYFA – DANAD – IMRAD then A145 Eastbound Only	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA iFLEX Proposal
							<b>Date of Proposal</b>	17 May 2011
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
SEB HORUJ DAYFA DANAD IMRAD ALMAL		Libya  Egypt  Saudi Arabia			Not in the ANP	- Needs to be discussed with Libya - Needs to be discussed with Egypt - Needs to be discussed with Jeddah FIR if A145 can be bidirectional East of LXR	TBD	
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b> Dakar FIR, Algiers FIR, Tripoli FIR, Cairo FIR, Jeddah FIR								
<b>Conclusions/Remarks</b>	<b>Proposals agreed to by some State during the iFLEX workshop Dubai</b>					<b>Last updated</b>	ARN TF/4 May 2011	

K-89



<b>MID/RC-082</b>	<b>ATS Route Name:</b> New Route UQ597 Eastbound	<b>Entry-Exit:</b> DANAD - METSA - ASH - ULOVO	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA iFLEX Proposal
							<b>Date of Proposal</b>	17 May 2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
DANAD 28 51 06N 028 06 09E METSA 29 27 07N 034 59 03E ASH ULOVO 27 48 30N 045 54 20E		Egypt  Jordan  Saudi Arabia			Not in the ANP	- connecting to proposed route MID/RC-081 via UP559.	TBD	
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b> Dakar FIR, Algiers FIR, Tripoli FIR, Cairo FIR, Jeddah FIR								
<b>Conclusions/Remarks</b>	Proposals agreed to by some State during the iFLEX workshop Dubai					<b>Last updated</b>	ARN TF/4 May 2011	



**MID/RC - 082**



K-91

<b>MID/RC-083</b>	<b>ATS Route Name:</b> New Route UQ598 Westbound	<b>Entry-Exit:</b> DITAR – NABED – PASAM – HIL - ANTER - KUTEM	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA iFLEX Proposal
							<b>Date of Proposal</b>	17 May 2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
DITAR 26 59 03N 025 00 00E AST NABED 27 18 01 032 17 06E PASAM 27 30 45N 034 55 42E HIL Via A791 KUTEM		Libya  Egypt  Saudi Arabia				- Needs to be discussed with Egypt if A145 can be bidirectional East of LXR	TBD	
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	<b>ARN TF/4 May 2011</b>	



**MID/RC - 083**

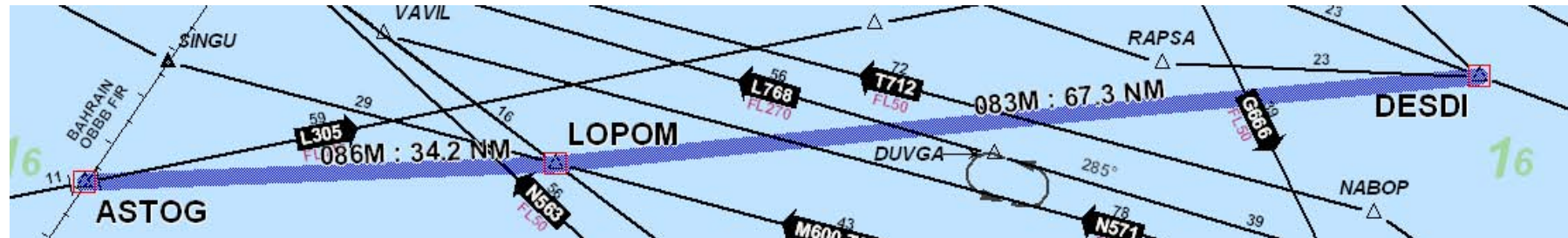
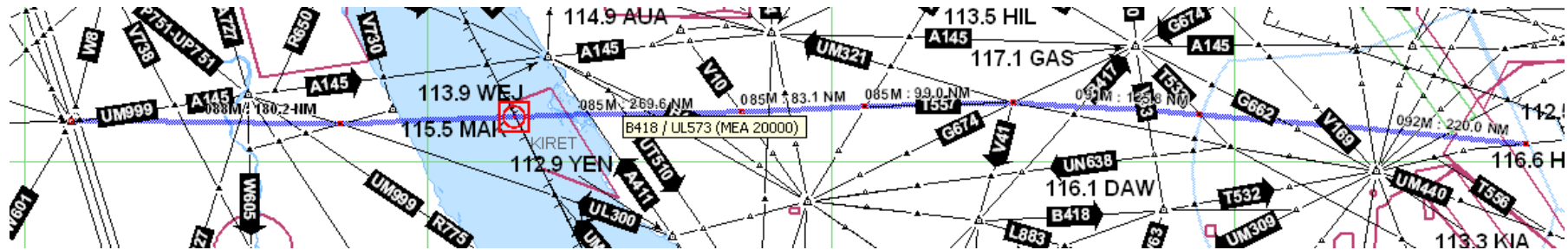
<b>MID/RC-084</b>	<b>ATS Route Name:</b> New Route UQ599; Bidirectional	<b>Entry-Exit:</b> KFR - KHG	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA iFLEX Proposal
								<b>Date of Proposal</b>
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>		<b>Deadline for each Action</b>
KFR KHG		Libya Egypt				<ul style="list-style-type: none"> <li>- Needs to be discussed with Libya</li> <li>- Needs to be discussed with Egypt</li> </ul>		TBD
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>							<b>Last updated</b>	ARN TF/4 May 2011



**MID/RC - 084**

MID/RC-085	ATS Route Name:	Entry-Exit:	Inter-Regional Cross Reference if any	Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
	New Route UQ595; East bound	KHG - ASTOG				Date of Proposal	17 May 2011
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action
KHG MEMPO 252518N 0335457E SENBU 253331N 0385328E GOMRA 253656N 0402534N ROSUL 253945N 042 1519E SOKOP 253155N 0443429E TAKTI 252153N 0474340E GOLNO 251155N 0483658E KIREN 251447N 0490724E HSA SALWA 251538N 0503048E LAGNO 251613N 0511518E DOH GITEX 252609N 0523832E ASTOG 252822N 0525025E LOPOM 252941N 0532817E DESDI 253603N 0544230E		Egypt  Saudi Arabia  Bahrain  Qatar  UAE				- Needs to be discussed with Egypt  <i>Note 1 :- portion GOLNO DOH ATS route A415is to be used</i> <i>Note 2:- DOH ASTOG L305 is to be used.</i> <i>Note 3:- Check lower chart of MID/RC - 085</i>	TBD
<b>Flight Level Band:</b>							
<b>Potential City Pairs:</b>							
<b>Conclusions/Remarks</b>					<b>Last updated</b>		ARN TF/4 May 2011

K-94

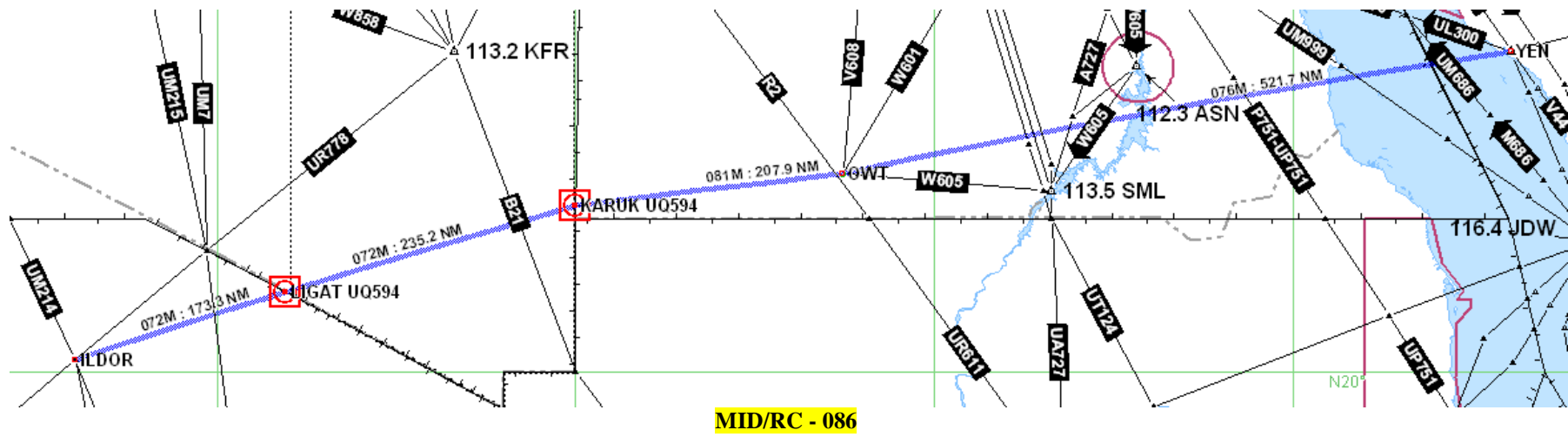


MID/RC - 085

K-95

<b>MID/RC-086</b>	<b>ATS Route Name:</b> New Route UQ594; Bidirectional	<b>Entry-Exit:</b> ROB – OWT - YEN	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA iFLEX Proposal
								<b>Date of Proposal</b>
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
ILDOR 20 09 37N 018 01 19E KARUK 221002.11N 0250000E OWT YEN		Libya Egypt Saudi Arabia				- Needs to be discussed with Libya; - Needs to be discussed with Egypt; - FIR crossing in Khartoum depending on flow? - FIR crossing at TONBA to support Westbound infrastructure t	TBD	
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	<b>ARN TF/4 May 2011</b>	

K-96



K-97

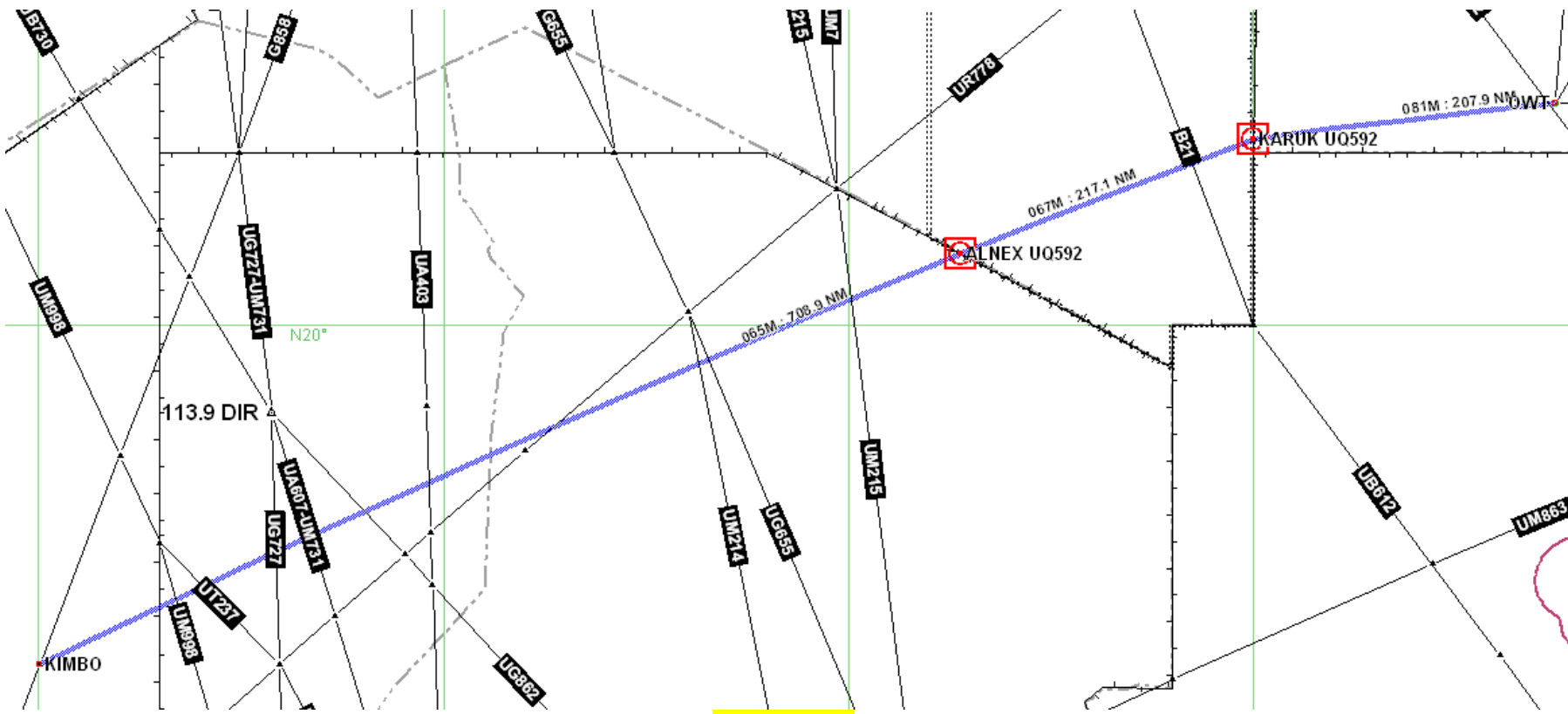
MID/RC-087	ATS Route Name: New Route UQ593; Eastbound		Entry-Exit: TASBA – YEN	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
								Date of Proposal	17 May 2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status		ANP Status		Action Taken/Required	Deadline for each Action
TASBA 24 30 59N 044 30 28E PMA YEN		Saudi Arabia						- Connect TASBA via B148 to PMA	TBD
Flight Level Band:									
Potential City Pairs:									
Conclusions/Remarks								Last updated	ARN TF/4 May 2011



<b>MID/RC-088</b>	<b>ATS Route Name:</b> New Route UQ592; Bidirectional		<b>Entry-Exit:</b> URUBI – ALNEX - KARUK		<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>		IATA iFLEX Proposal	
									<b>Date of Proposal</b>		17 May 2011	
<b>Route Description</b>			<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>		<b>ANP Status</b>		<b>Action Taken/Required</b>		<b>Deadline for each Action</b>	
KIMBO 160000N 01 0100E ALNEX 205007.80N 0212303.94E KARUK 221002.11N 0250 00E OWT		Libya Egypt							- Needs to be discussed with Libya; - Needs to be discussed with Egypt; - FIR crossing in Khartoum depending on flow? - FIR crossing at TONBA to support Westbound infrastructure. Similar to MID/RC - 086	TBD		
<b>Flight Level Band:</b>												
<b>Potential City Pairs:</b>												
<b>Conclusions/Remarks</b>								<b>Last updated</b>		ARN TF/4 May 2011		



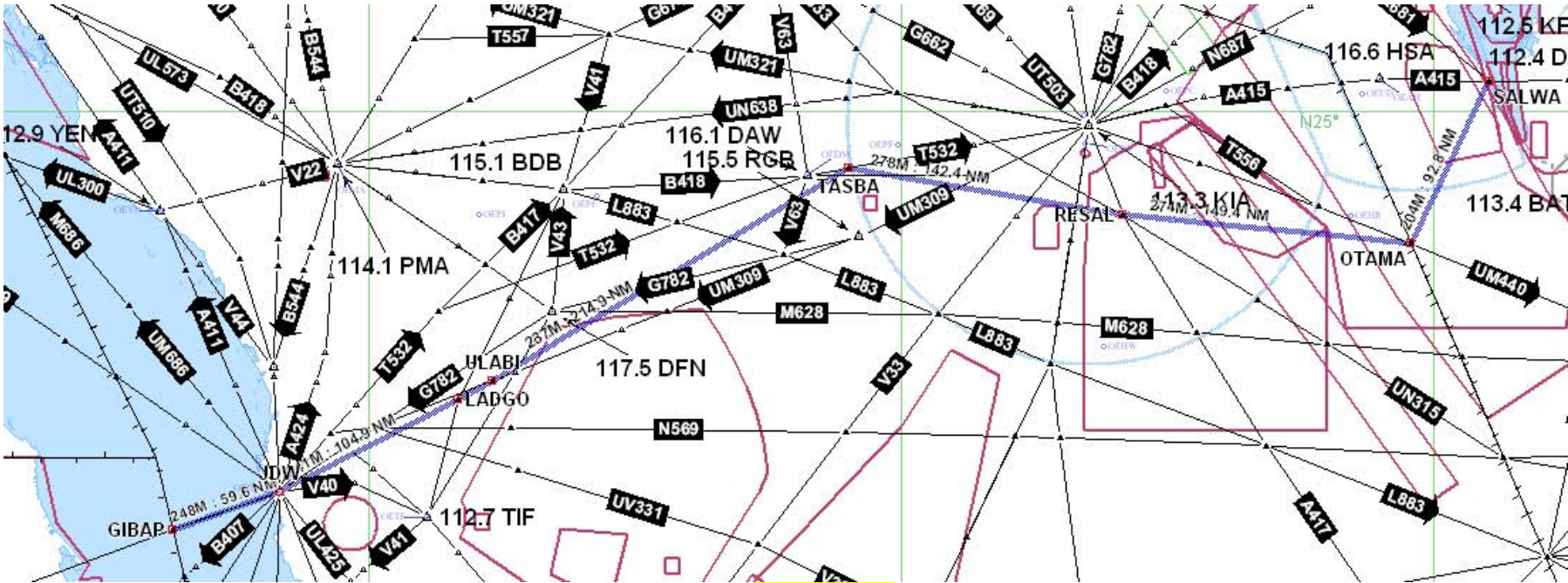
K-99



MID/RC - 088

<b>MID/RC-089</b>	<b>ATS Route Name:</b> New Route UQ591; Eastbound	<b>Entry-Exit:</b> SALWA – OTAMA – TASBA – ULABI - GIPAB	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA iFLEX Proposal
							<b>Date of Proposal</b>	17 May 2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
SALWA 251538N 0503048E OTAMA 2351 47N 0494707E RESAL 240649N 0470427E TASBA 24 30 59N 044 30 28E ULABI 224022N 0410922E JDW GIBAP 353659N 0543055E		Bahrain  Saudi Arabia				- Timed Route	TBD	
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	ARN TF/4 May 2011	

K-101



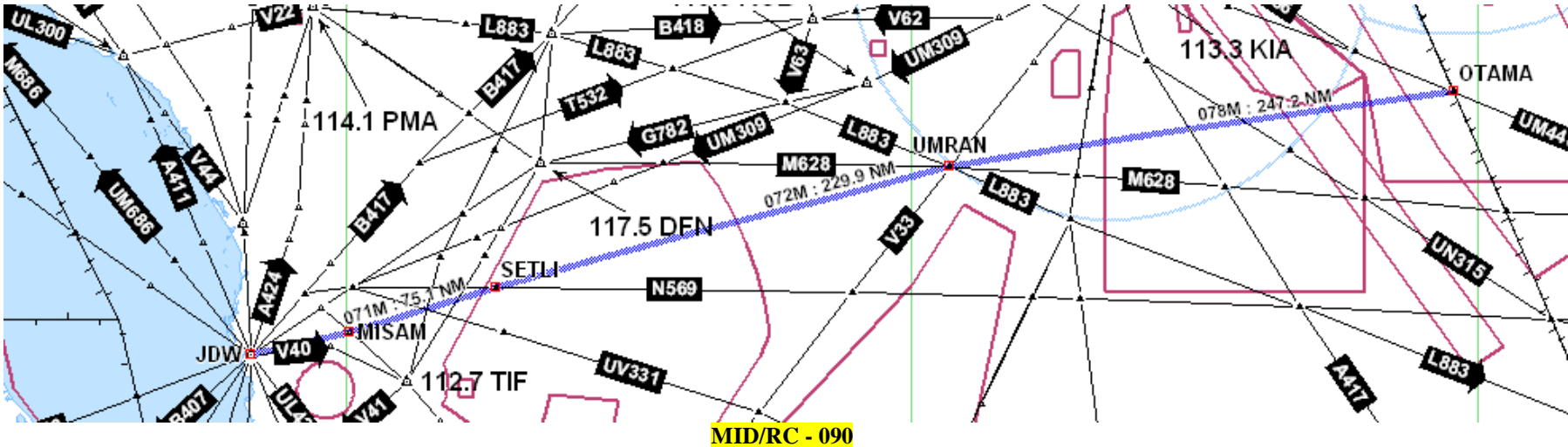
MID/RC - 089

ATM/SAR/AIS SG/12-WP/3  
**APPENDIX K**

K-102

<b>MID/RC-090</b>	<b>ATS Route Name:</b> New Route UQ588; Eastbound		<b>Entry-Exit:</b> JDW - UMRAN OTAMA		<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b> High	<b>Originator of Proposal</b> IATA iFLEX Proposal	
								<b>Date of Proposal</b> 17 May 2011	
<b>Route Description</b>			<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>	
JDW MISAM 215415N 0400153E SETLI 221608N 0411924E UMRAN 0411924N 0452023E OTAMA 2351 47N 0494707E		Saudi Arabia					- Timed Route	TBD	
<b>Flight Level Band:</b>									
<b>Potential City Pairs:</b>									
<b>Conclusions/Remarks</b>						<b>Last updated</b>		ARN TF/4 May 2011	

K-103



ATM/SAR/AIS SG/12-WP/3  
**APPENDIX K**

K-104

<b>MID/RC-091</b>	<b>ATS Route Name:</b> New Route UQ587; Bidirectional		<b>Entry-Exit:</b> OTAMA – KARIN	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA iFLEX Proposal
									<b>Date of Proposal</b>
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>		<b>ANP Status</b>		<b>Action Taken/Required</b>	<b>Deadline for each Action</b>
OTAMA 2351 47N 0494707E KARIN 2422.7N 05201.6E		Saudi Arabia  Bahrain						- Note Point KARIN is duplicate 5LNC	TBD
<b>Flight Level Band:</b>									
<b>Potential City Pairs:</b>									
<b>Conclusions/Remarks</b>								<b>Last updated</b>	ARN TF/4 May 2011

K-105



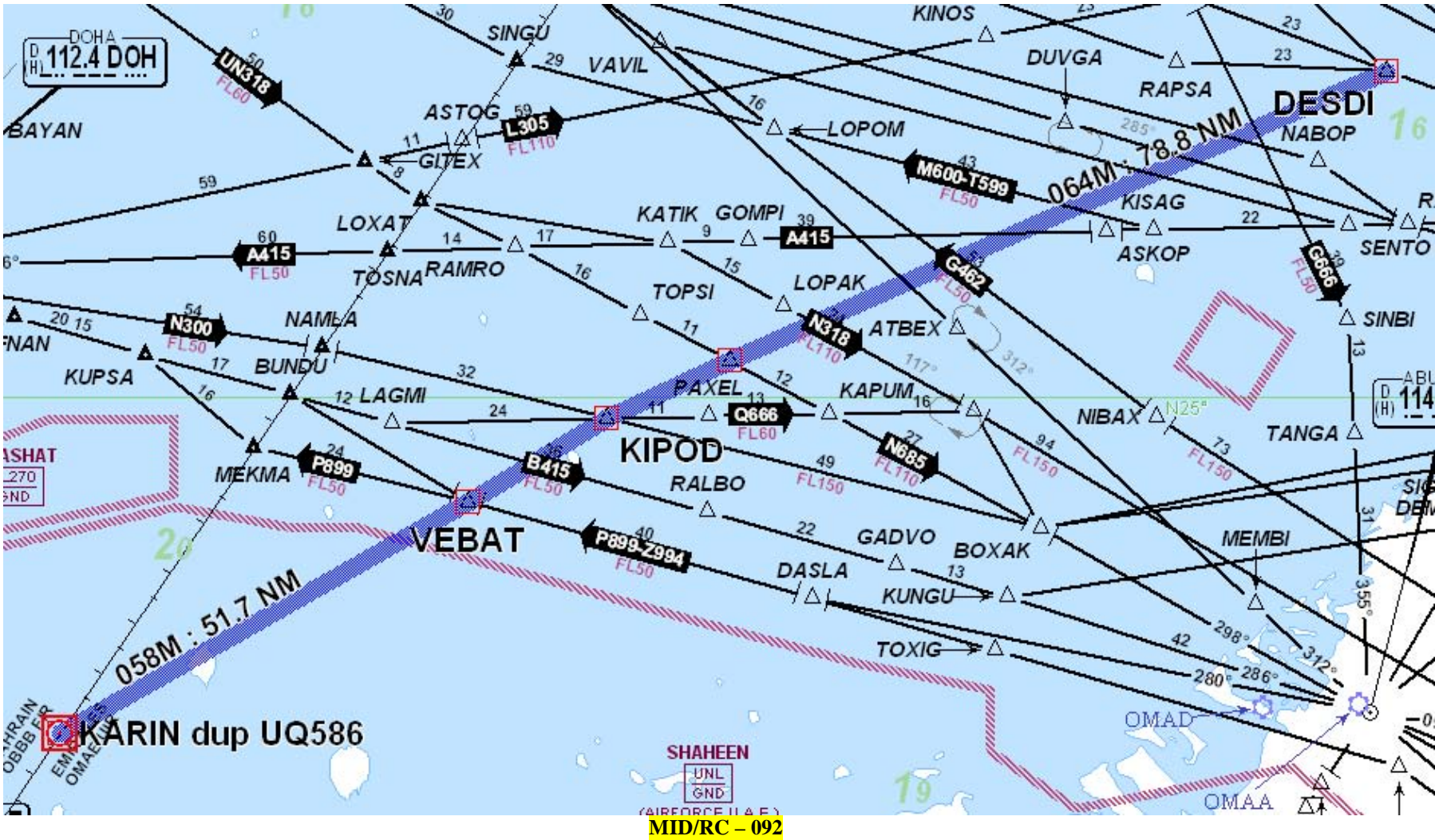
ATM/SAR/AIS SG/12-WP/3  
**APPENDIX K**

K-106

<b>MID/RC-092</b>	<b>ATS Route Name:</b> New Route UQ586; Eastbound		<b>Entry-Exit:</b> KARIN - DESDI	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA iFLEX Proposal	
								<b>Date of Proposal</b>	17 May 2011	
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>		<b>Deadline for each Action</b>		
KARIN 2422.7N 05201.6E VEBAT 244830N 0525100E KIPOD 245744N 0530756E NAGRA 250407N 0532246E DESDI 253603N 0544230E		Bahrain UAE					- Note Point KARIN is duplicate 5LNC		TBD	
<b>Flight Level Band:</b>										
<b>Potential City Pairs:</b>										
<b>Conclusions/Remarks</b>						<b>Last updated</b>		ARN TF/4 May 2011		



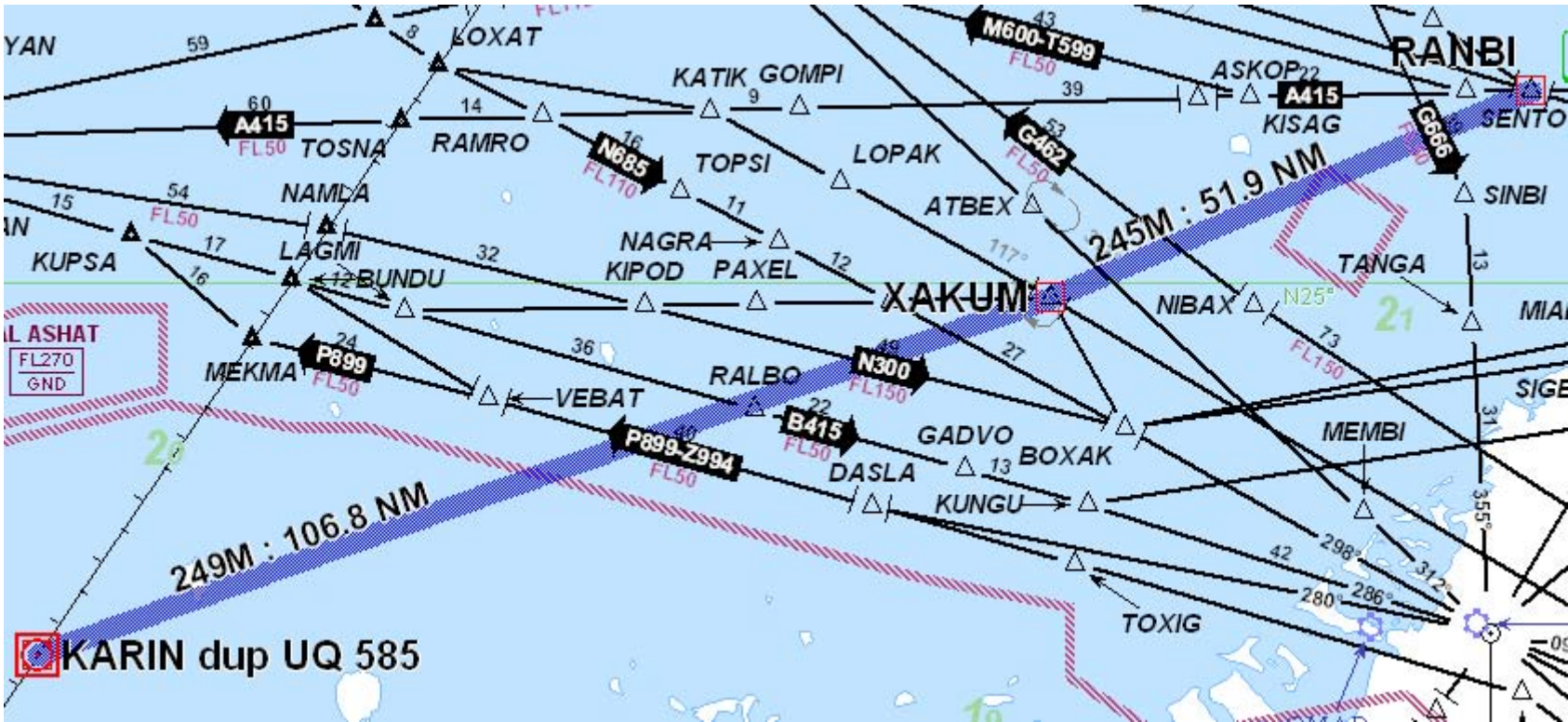
K-107



ATM/SAR/AIS SG/12-WP/3  
**APPENDIX K**

K-108

<b>MID/RC-093</b>	<b>ATS Route Name:</b> New Route UQ585; Westbound		<b>Entry-Exit:</b> RANBI - KARIN	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b> High	<b>Originator of Proposal</b> IATA iFLEX Proposal
							<b>Date of Proposal</b> 17 May 2011
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implementation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>
RANBI 251908N 0544500E XAKUM 245833N 0535222E KARIN 2422.7N 05201.6E		Bahrain UAE				- Note Point KARIN is duplicate 5LNC	TBD
<b>Flight Level Band:</b>							
<b>Potential City Pairs:</b>							
<b>Conclusions/Remarks</b>						<b>Last updated</b>	ARN TF/4 May 2011

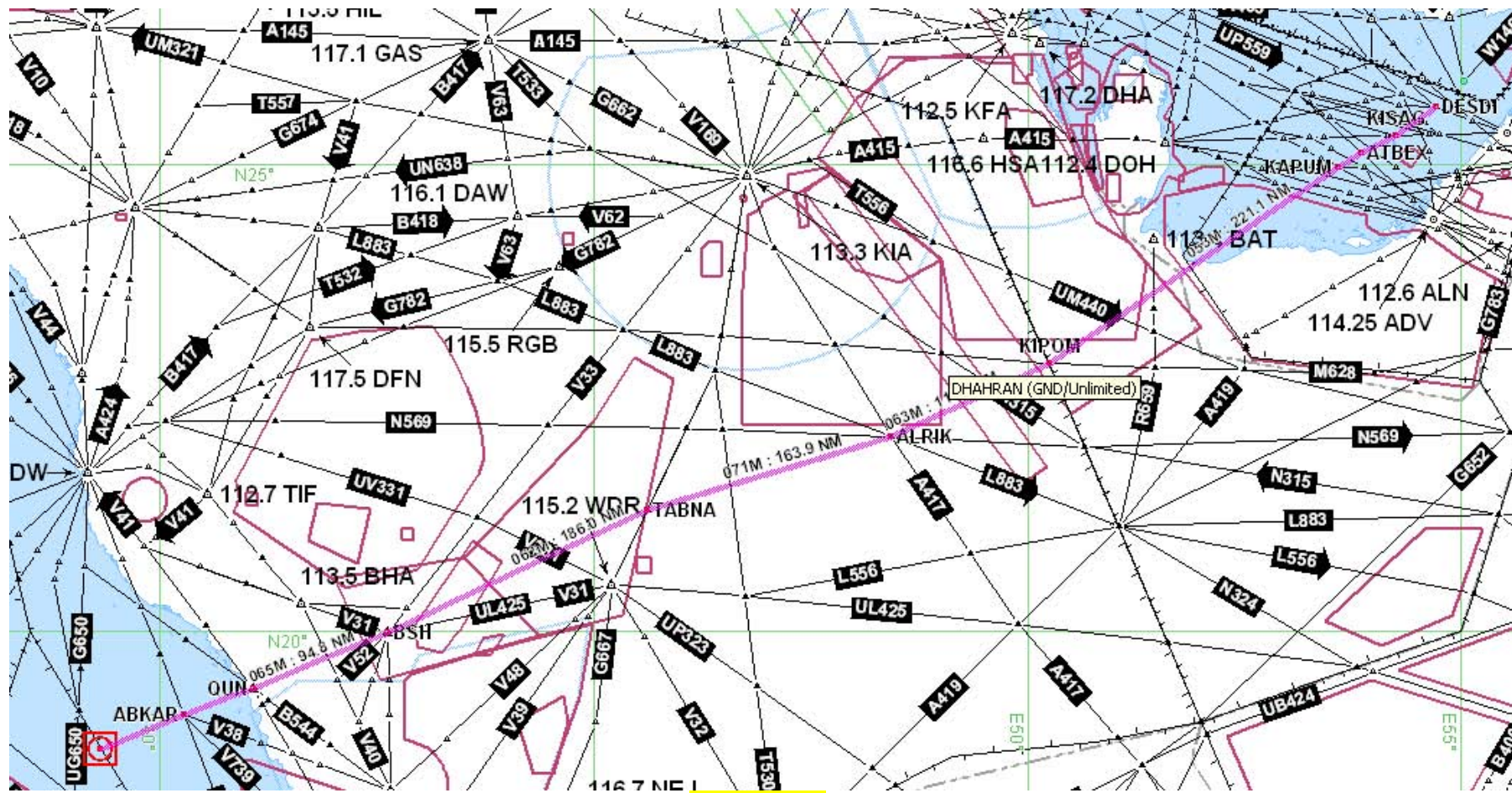


ATM/SAR/AIS SG/12-WP/3  
**APPENDIX K**

K-110

MID/RC-094	ATS Route Name: New Route proposed Eastbound	Entry-Exit: TOKAR - DESDI	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
							Date of Proposal	17 May 2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
TOKAR 180624N 0374812E OTEMA 184200N 0391900E ABKAR 190511N 0401612E QUN BSH TABNA 211842.3N 0453652.6E ALRIK 220631N 0482535E KIPOM 225316N 0501518E KAPUM 245815N 0533450E KISAG 251834N 0541408E DESDI 253603N 0544230E		Saudi Arabia  Bahrain  UAE				- This route was initially agreed to as Eastbound - it was deleted afterwards; and - is to be discussed separately	TBD	
<b>Flight Level Band:</b>								
<b>Potential City Pairs:</b>								
<b>Conclusions/Remarks</b>						<b>Last updated</b>	ARN TF/4 May 2011	

K-111



MID/RC - 094

<b>MID/RC-095</b>	<b>ATS Route Name:</b> New Route UT419; Bidirectional		<b>Entry-Exit:</b> GEREK – HDT – A419		<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>		IATA iFLEX Proposal	
									<b>Date of Proposal</b>		17 May 2011	
<b>Route Description</b>			<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>		<b>ANP Status</b>		<b>Action Taken/Required</b>		<b>Deadline for each Action</b>	
GEREK 140318N 0410000 E SOKEK 142932.45N 0421211.63E HDH		Yemen							- Needs to be coordinated with Yemen		TBD	
<b>Flight Level Band:</b>												
<b>Potential City Pairs:</b>												
<b>Conclusions/Remarks</b>								<b>Last updated</b>		ARN TF/4 May 2011		

K-113

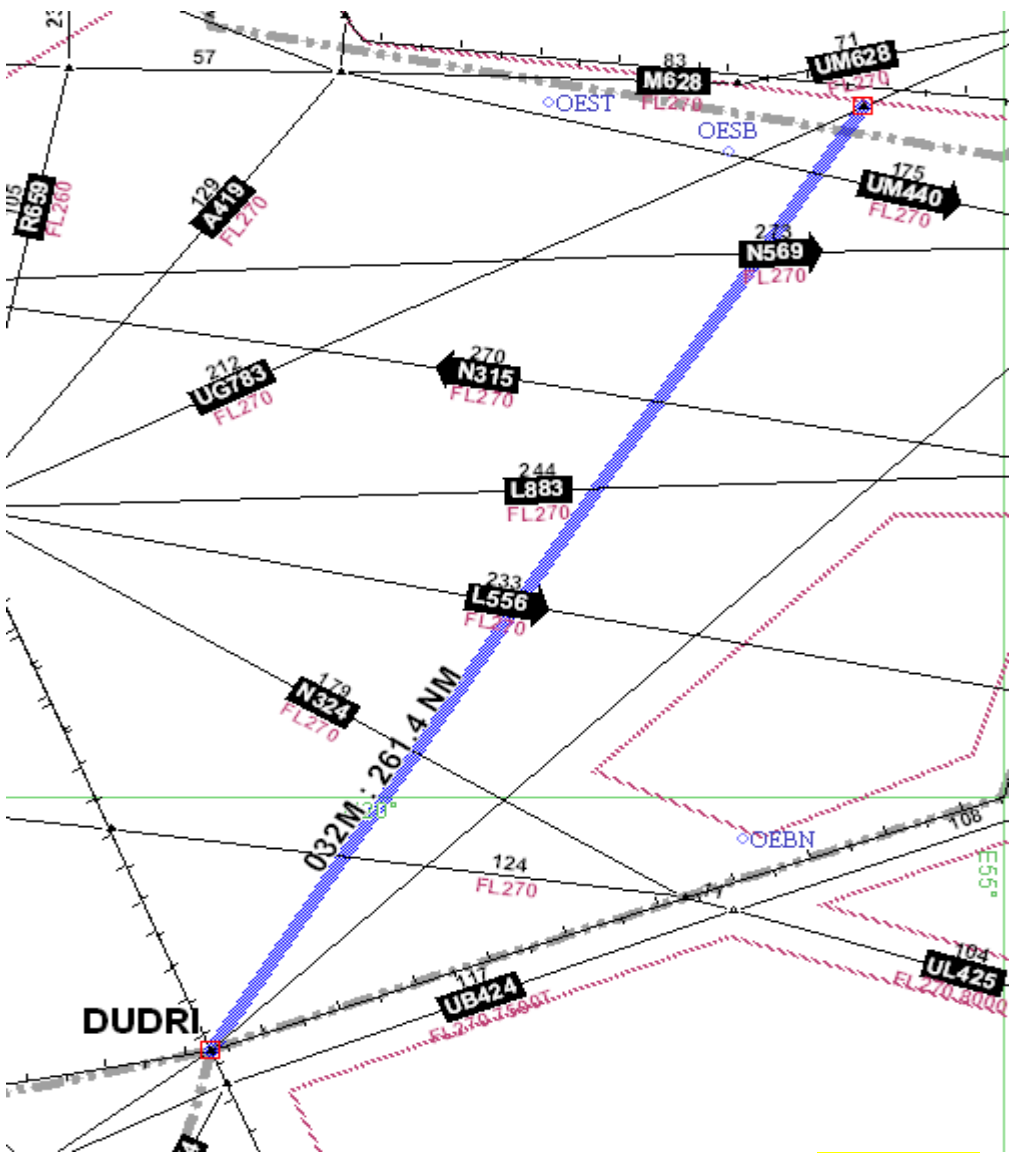


MID/RC - 095

<b>MID/RC-096</b>	<b>ATS Route Name:</b> New Route UQ578; Bidirectional	<b>Entry-Exit:</b> DUDRI - TANSU	<b>Inter-Regional Cross Reference if any</b>		<b>Users Priority</b>	High	<b>Originator of Proposal</b>	IATA iFLEX Proposal	
								<b>Date of Proposal</b>	17 May 2011
<b>Route Description</b>		<b>States Concerned</b>	<b>Expected Implemen- tation date</b>	<b>Implementation Status</b>	<b>ANP Status</b>	<b>Action Taken/Required</b>	<b>Deadline for each Action</b>		
DUDRI 190000N 0520000E TANSU 224136N 0542828E		Bahrain  UAE				- Level Restriction FL300/320	TBD		
<b>Flight Level Band:</b>									
<b>Potential City Pairs:</b>									
<b>Conclusions/Remarks</b>							<b>Last updated</b>	ARN TF/4 May 2011	



K-115



MID/RC - 096

MID/RC-.....	ATS Route Name:	Entry-Exit:	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	
							Date of Proposal	
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks							Last updated	

-----