



International Civil Aviation Organization

Air Traffic Services Route Network Task Force (ARN TF)

Sixth Meeting

(Cairo, Egypt, 22 - 24 April 2013)

Agenda Item 3: Amendments to the ATS Route Catalogue Action Items

AMENDMENTS TO THE ATS ROUTE NETWORK CATALOGUE

(Presented by the Secretariat)

SUMMARY

This paper presents the amendments to the ATS Route Network Catalogue and the route proposals submitted by the users.

Action by the meeting is at paragraph 3.

REFERENCES

- ARN TF/5 Report
- MIDANPIRG/13 Report

1. INTRODUCTION

1.1 The MIDANPIRG/13 meeting, held in Abu Dhabi, UAE, from 22 to 26 April 2012 was attended by a total of one hundred and two (102) participants, which included experts from ten (10) States (Bahrain, Egypt, Iran, Jordan, Kuwait, Oman, Qatar, Saudi Arabia, UAE and Yemen) and six (6) International Organizations/Agencies (ACAC, CANSO, IATA, IFALPA, Jeppesen and MIDRMA).

1.2 The fifth meeting of ARN TF held in Amman, Jordan, 5–7 February 2012, was attended by a total of Twenty Six (26) participants, including experts from seven (7) States (Bahrain, Egypt, Iran, Jordan, Oman, Saudi Arabia and United Arab Emirates) and (4) four International Organizations/Industries (IACA, IATA, CANSO and MIDRMA).

2. DISCUSSION

2.1 The meeting may wish to recall 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 followed. Furthermore the MIDANPIRG/13 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. Therefore, those States are urged to adhere to the established ICAO procedures for amendments and establishment of ATS routes that form part of the Regional ATS route network.

2.2 The ATS Route Catalogue has been developed mainly to include proposals for further consideration/processing until such time a consensus is reached by concerned state(s) regarding the proposal(s) to be included in the MID Basic ANP and implemented by concerned States.

2.3 The meeting may wish to note that the ATS Route Catalogue contains till present seventy seven (77) route proposals that need implementation.

The meeting is invited to note that seven (7) approved ATS routes included in the Basic Air Navigation Plan, Table ATS-1 were not implemented due military restrictions. These routes are kept in the Table ATS-1 either because part of proposed route segments have been implemented or due to their high priority for implementation considering the users requirements.

2.4 The meeting may wish to note that the ARN TF/5 meeting reviewed and updated the information in the MID ATS Route Catalogue as at **Appendix A** to this working paper.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

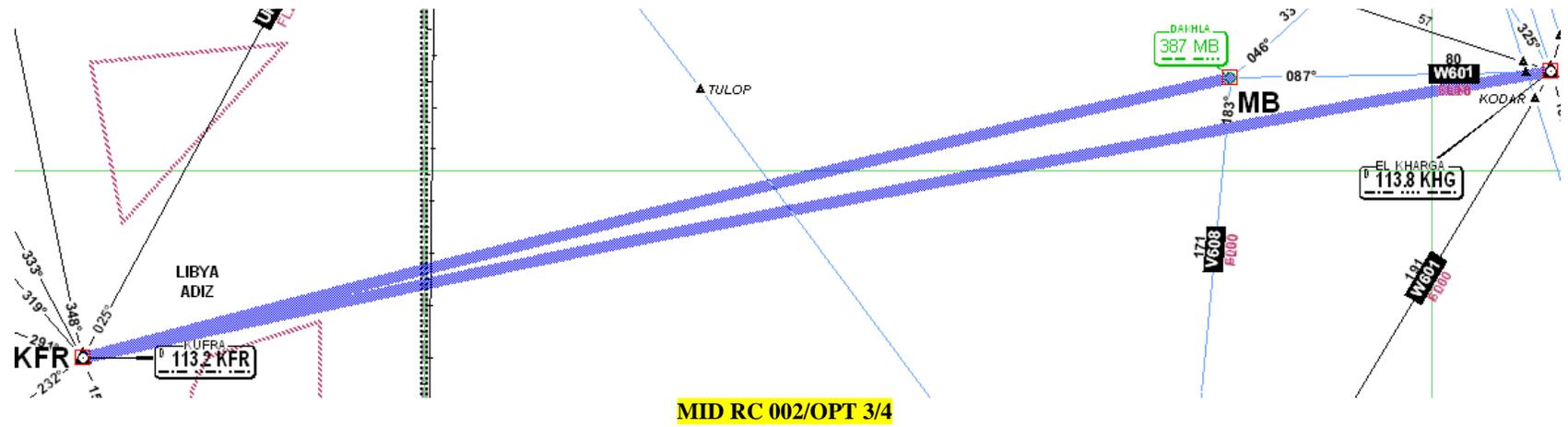
- a) take necessary action to advance the routes implementation process, and
- b) review and update as necessary the information in the MID ATS Route Catalogue as at **Appendix A** to this working paper.

APPENDIX A

MID ATS ROUTES CATALOGUE

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	ARN TF/1
Route Description		States Concerned	Expected Implementation 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"> - 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. - To be considered with and similarly to Proposal 2 & 4. - Egypt will coordinate with Military and Libya to establish boundary point. Route will be considered based on (traffic) demand. - Egypt unable to accept route due to safety issues. - Differed for the future 	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/5 February 2012

A-3

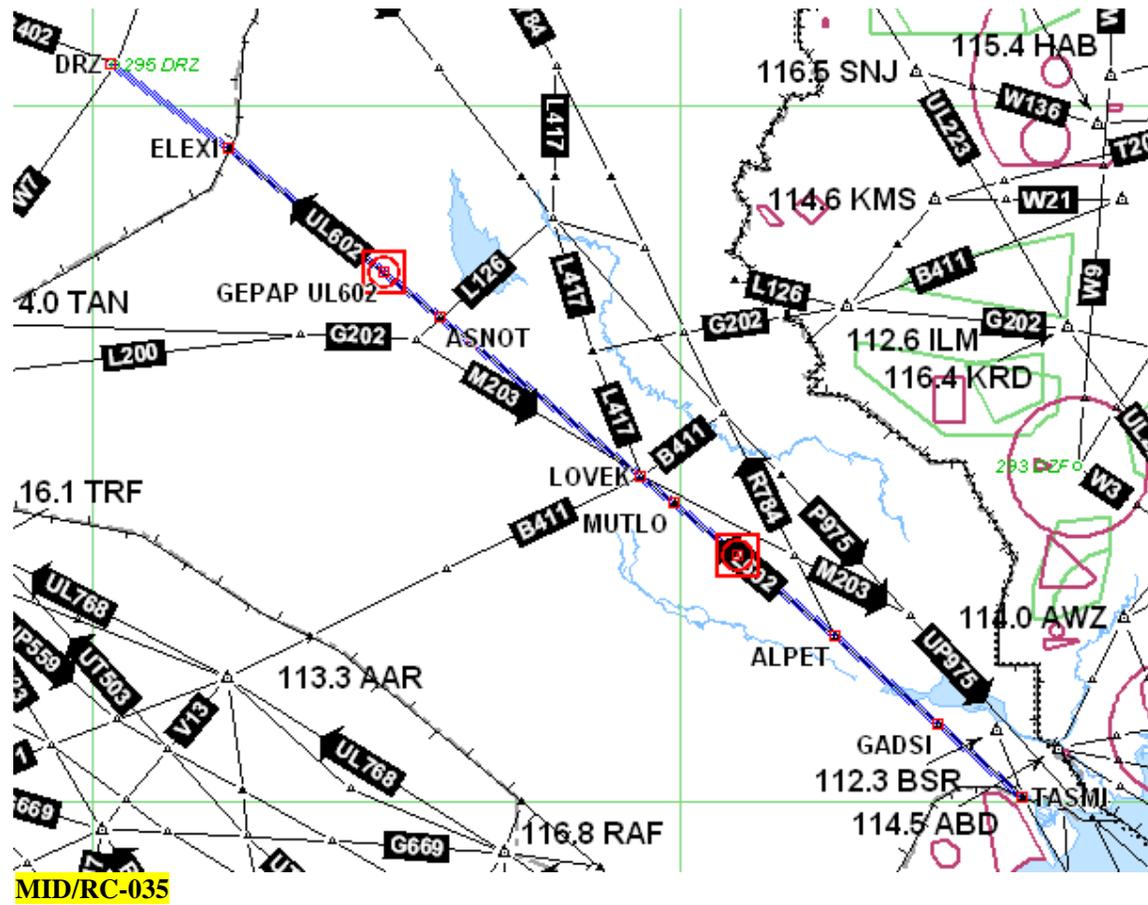


ARN TF/6-WP/4
APPENDIX A

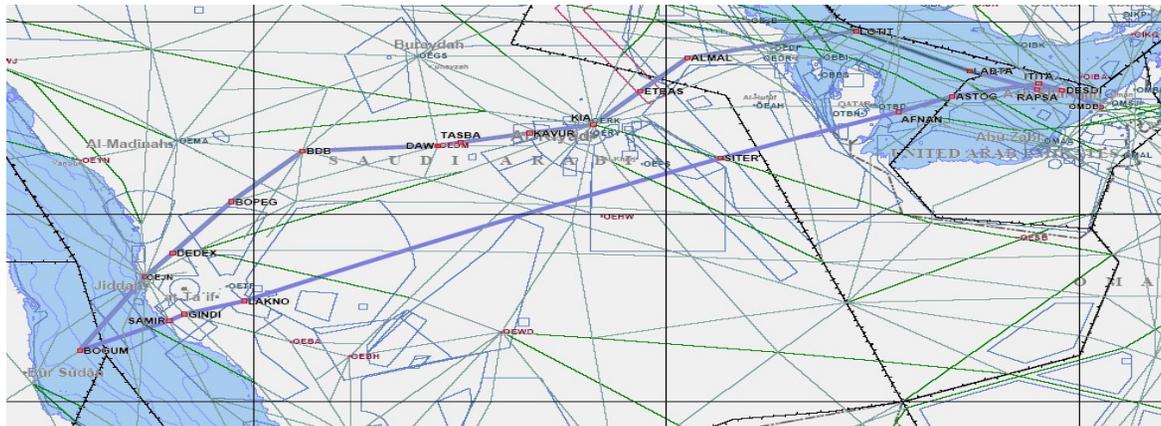
A-4

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 ITBIT 314735.20N 0452916.57E MUTLO 321018.98N 0445702.83E LOVEK 322 08.40N 044400.20E DELMI 331918.31N 0431327.59E ASNOT 332959.55N 0425716.62E GEPAP 334905.80N 0422850.64E ELEXI 344130N 0410900E		Iraq Syria		Entire route Westbound	Suspended in the Damascus FIR		Will be opened once comm. & coordination issues in Baghdad FIR are resolved. Iraq considers Points highlighted in yellow are new. Syria requested additional time to examine the communication requirements by concerned FIR's. Once the communication issues are resolved it is expected that the ATS route will be implemented.	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	ARN TF/5 February 2012

A-5



MID/RC-045	ATS Route Name: New Route	Entry-Exit:		Inter-Regional Cross Reference if any	Users Priority	Originator of Proposal	
		BOGUM-ASTOG				Date of Proposal	IATA 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				Keep it IATA to provide further details	
Flight Level Band:						Implement if possible Priority Routes	
Potential City Pairs: DGAA, DNMM, HSSS, OEJN, SBGR to OBBI, OMAA, OMDB, OTBD (Central and Eastern Arabian Peninsula to Sudan, West Africa, South America)							
Conclusions/Remarks	Saves 58 miles and 3196 Kg of CO2					Last updated	ARN TF/5 February 2012



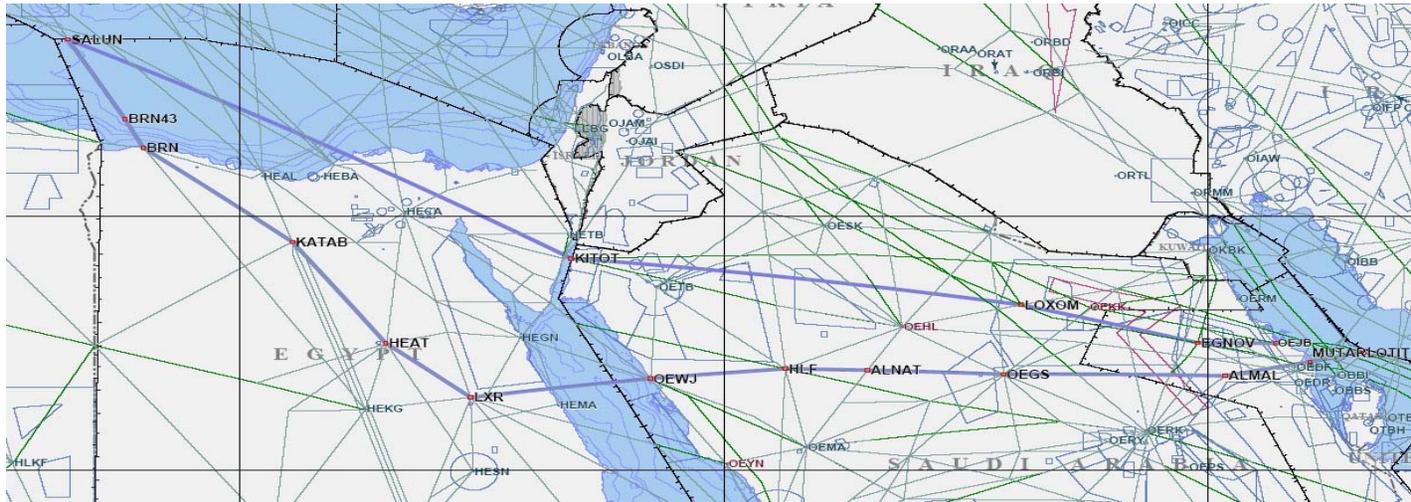
MID/RC-045

ARN TF/6-WP/4
APPENDIX A

A-8

MID/RC-046	ATS Route Name: New Route	Entry-Exit: SALUN-EGNOV	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, Egypt, Saudi Arabia				IATA to provide further details		
Flight Level Band:						Implement if possible Priority Routes		
Potential City Pairs: DAAG, DTTA, GMMN, HECA, LIRF, LFMN to OBBI, OMAA, OMDB, OTBD (Eastern Arabian Peninsula to Egypt, Maghreb and Mediterranean areas)								
Conclusions/Remarks		Saves 275 miles and 8267 kg of CO2 per flight				Last updated	ARN TF/5 February 2012	

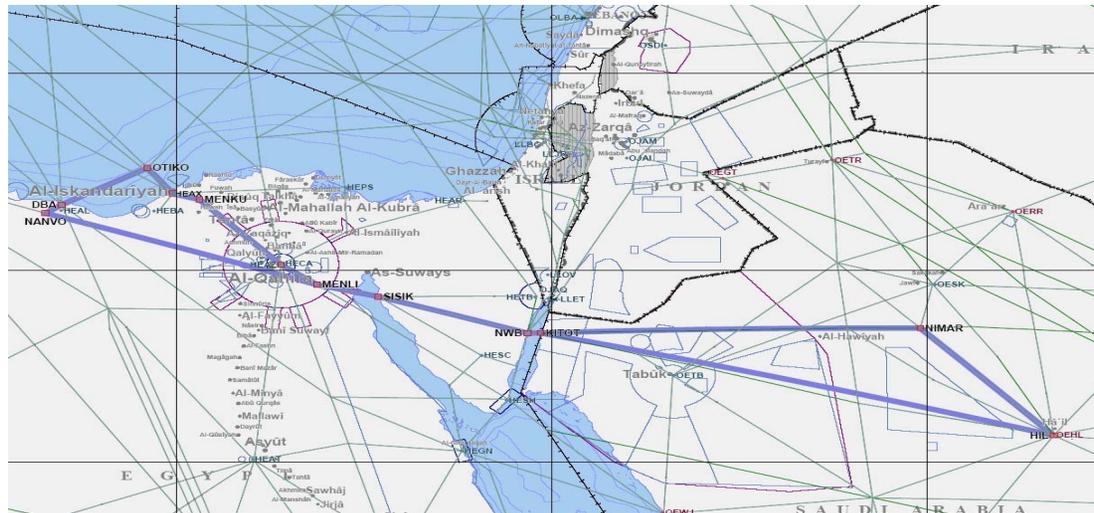
A-9



MID/RC-046

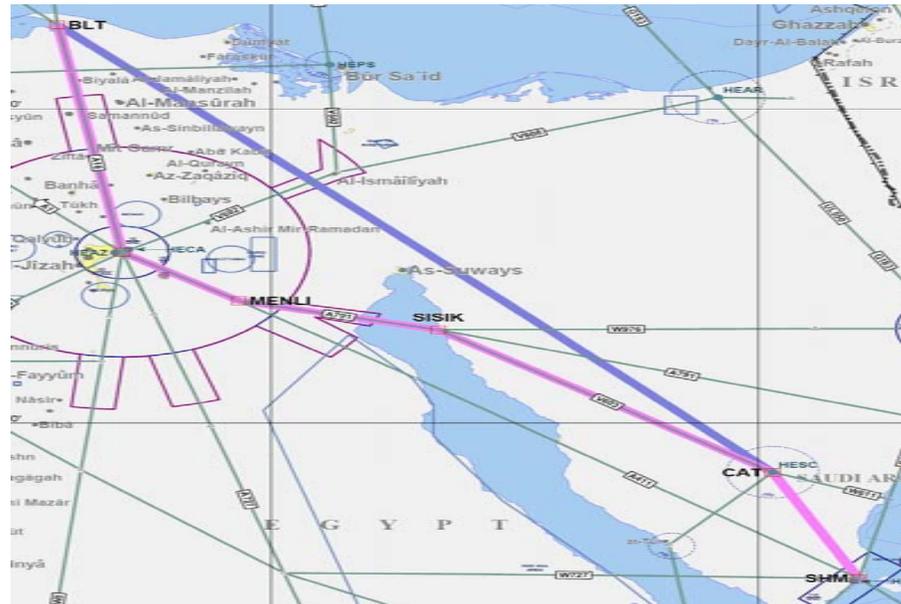
ARN TF/6-WP/4
APPENDIX A

MID/RC-047	ATS Route Name: New Route	Entry-Exit: HIL-NANVO	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
Flight Level Band:		Egypt Saudi Arabia				IATA to provide further details Implement if possible Priority Routes		
Potential City Pairs: DAAG, DTTA, GMMN, HECA, HLLT, to OBBI, OERK, OMAA, OMDB, OTBD (Central and Eastern Arabian Peninsula to Egypt, Libya and Maghreb area)								
Conclusions/Remarks		Saves 73 miles and 3900 Kg of CO2				Last updated	ARN TF/5 February 2012	



MID/RC-047

MID/RC-053 Ex RC-513	ATS Route Name: New Route	Entry-Exit: BALTIM-SHM	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
							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 Penetrates military airspace. No change		
Potential City Pairs: Arabian Peninsula to Europe								
Conclusions/Remarks		Saves 24 miles / Flt				Last updated	ARN TF/5 February 2012	



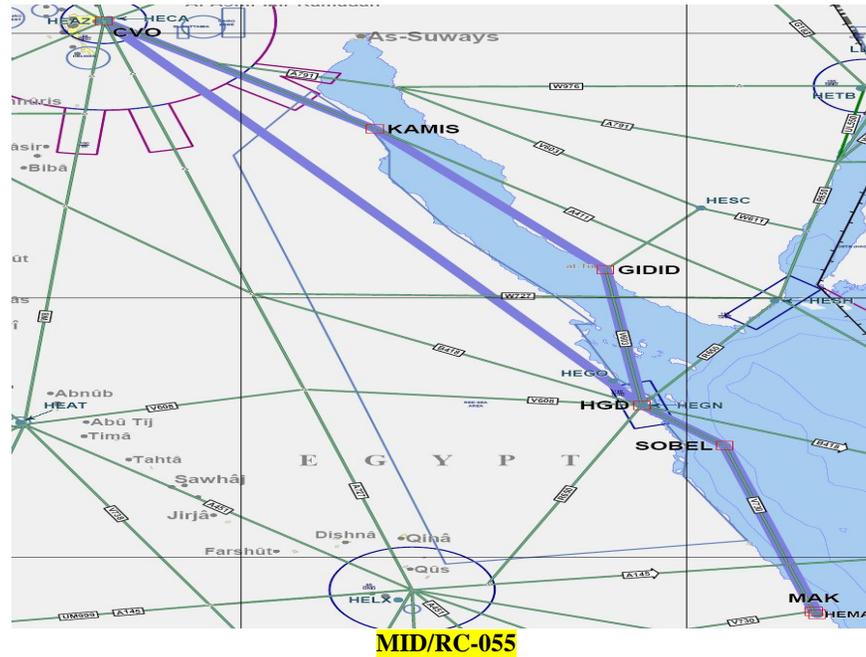
MID/RC-053

ARN TF/6-WP/4
APPENDIX A

A-12

MID/RC-055	ATS Route Name: New Route L315	Entry-Exit: HEMA-CVO	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
							Date of Proposal	ARN TF/2
Route Description MAK-CVO		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
CVO		Egypt Saudi Arabia				L315 to be discussed with Saudi Arabia for direction of route To be followed up Both States agreed to study the proposal pending final agreement by June 2012		
HGD								
GIBAL								
Flight Level Band: Upper								
Potential City Pairs: Northwestern Red Sea to HECA and Europe								
Conclusions/Remarks		Saves 9 miles				Last updated	ARN TF/5 February 2012	

A-13



ARN TF/6-WP/4
APPENDIX A

A-14

MID/RC-056	ATS Route Name: New Route	Entry-Exit: HEMA-SHM	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
							Date of Proposal	ARN TF/2
Route Description HEMA-SHM		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
		Egypt				IATA to provide further details Tied with L315 await further discussions from Egypt.		
Flight Level Band: Upper								
Potential City Pairs: HESH, Eastern Mediterranean, Europe to Western Red Sea Coast								
Conclusions/Remarks	Saves 17 miles					Last updated	ARN TF/5 February 2012	



MID/RC-056

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 Ongoing tourist flights		
Potential City Pairs: Arabian Peninsula to North Africa								
Conclusions/Remarks		Saves 11 Miles				Last updated	ARN TF/5 February 2012	

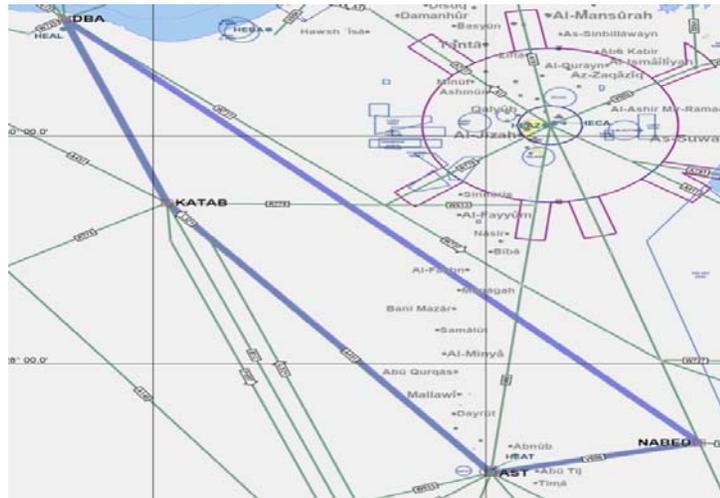


MID/RC-057

ARN TF/6-WP/4
APPENDIX A

A-16

MID/RC-058	ATS Route Name: New Route	Entry-Exit: NADEB-DBA		Inter-Regional Cross Reference if any	Users Priority	Originator of Proposal	IATA	
		Date of Proposal	ARN TF/2					
Route Description NABED-DBA		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 Not feasible Implement if possible Priority Routes		
Potential City Pairs: Arabian Peninsula to Europe								
Conclusions/Remarks		Saves 47 Miles				Last updated	ARN TF/5 February 2012	



MID/RC-058

MID/RC-059	ATS Route Name: New Route	Entry-Exit: PASOS-NWB	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
							Date of Proposal	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 Implement if possible Priority Routes		
Flight Level Band: Upper								
Potential City Pairs: Arabian Peninsula to Egypt								
Conclusions/Remarks		Saves 7 Miles				Last updated		ARN TF/5 February 2012



MID/RC-059

ARN TF/6-WP/4
APPENDIX A

A-18

MID/RC-070	ATS Route Name: New Route	Entry-Exit: BNA-KATAB- SEMURU	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	
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 Implement if possible Priority Routes		
Flight Level Band: FL290 – FL410								
Potential City Pairs: CMN/ALG/TUN/TIP-DOH								
Conclusions/Remarks	This AWY would save considerable track miles BNA – KATAB – SEMRU Libya FIR to Egypt FIR					Last updated	ARN TF/5 February 2012	

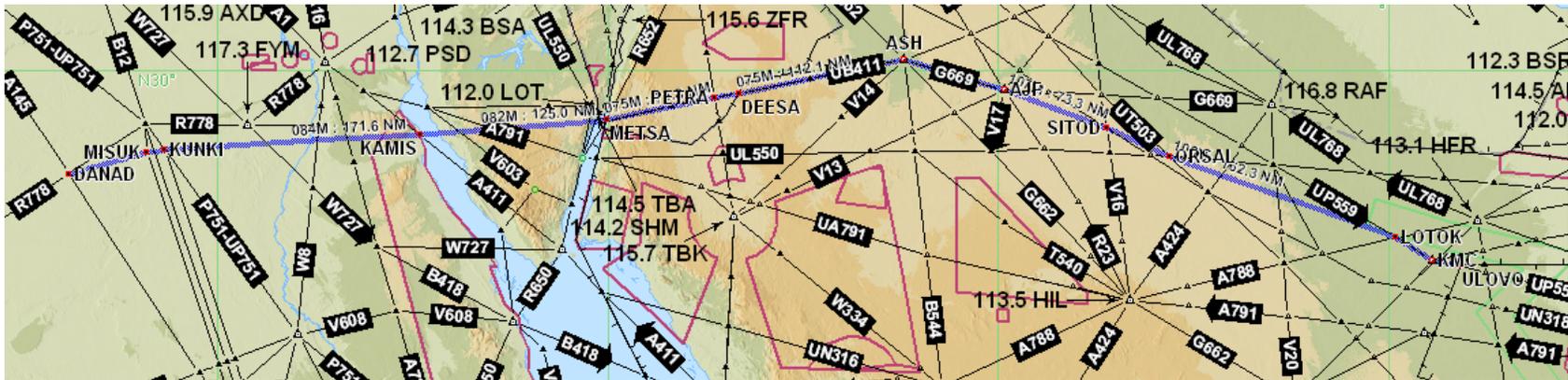
ARN TF/6-WP/4
APPENDIX A

A-20

MID/RC-081	ATS Route Name: New Route UQ596	Entry-Exit: DAYFA – DANAD – IMRAD then A145 Eastbound Only	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	
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 Implement if possible Priority Routes	TBD	
Flight Level Band:								
Potential City Pairs: Dakar FIR, Algiers FIR, Tripoli FIR, Cairo FIR, Jeddah FIR								
Conclusions/Remarks	Proposals agreed to by some State during the iFLEX workshop Dubai					Last updated	ARN TF/5 February 2012	

ARN TF/6-WP/4
APPENDIX A

MID/RC-082	ATS Route Name: New Route UQ597 Eastbound	Entry-Exit: DANAD - METSA - ASH - ULOVO	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	
DANAD 28 51 06N 028 06 09E METSAS 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. Implement if possible Priority Routes	TBD	
Flight Level Band:								
Potential City Pairs: Dakar FIR, Algiers FIR, Tripoli FIR, Cairo FIR, Jeddah FIR								
Conclusions/Remarks		Proposals agreed to by some State during the iFLEX workshop Dubai				Last updated	ARN TF/5 February 2012	



MID/RC-082

MID/RC-083	ATS Route Name: New Route UQ598 Westbound	Entry-Exit: DITAR – NABED – PASAM – HIL - ANTER - KUTEM		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
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 Implement if possible Priority Routes	TBD
Flight Level Band:									
Potential City Pairs:									
Conclusions/Remarks								Last updated	ARN TF/5 February 2012

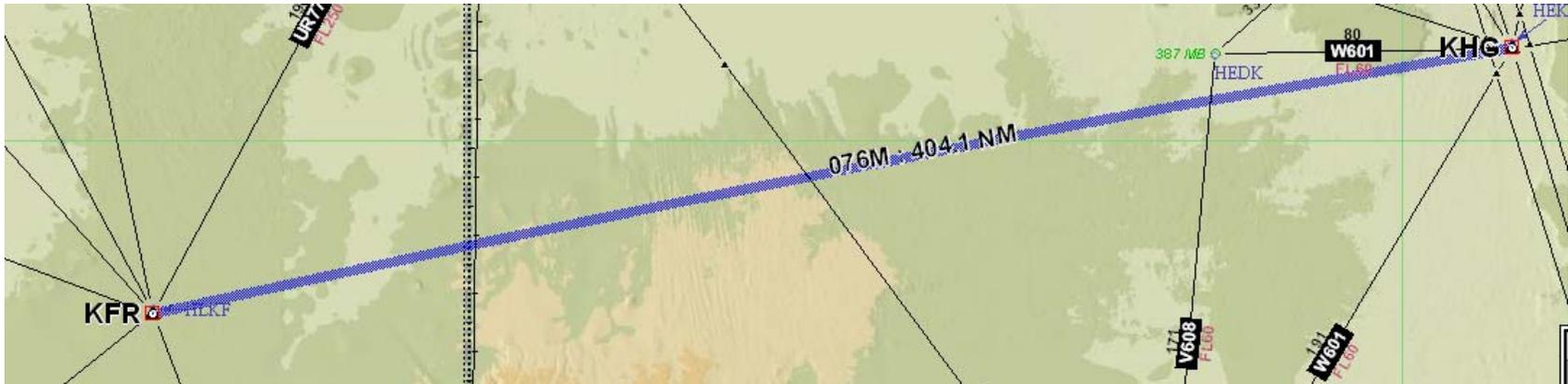


MID/RC-083

ARN TF/6-WP/4
APPENDIX A

A-24

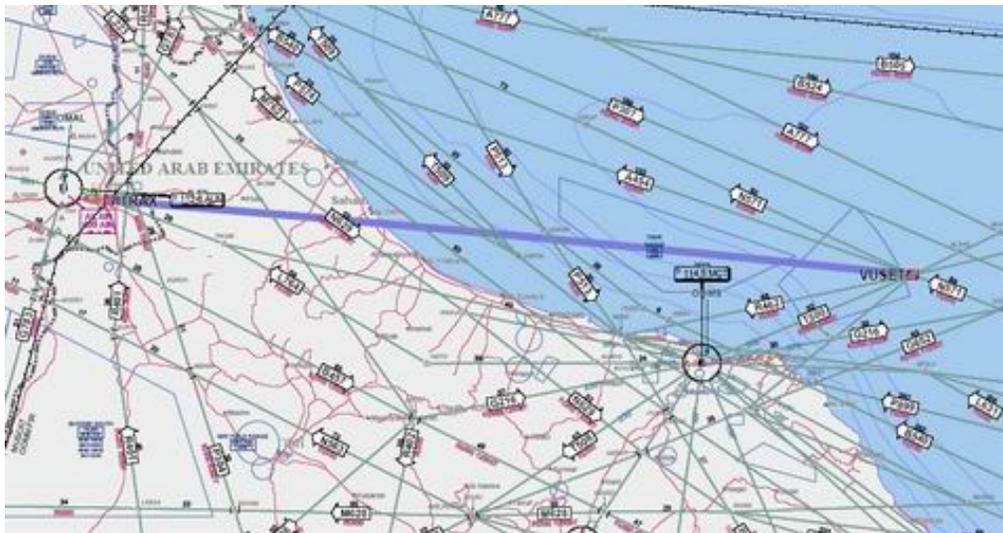
MID/RC-084	ATS Route Name: New Route UQ599; Bidirectional	Entry-Exit: KFR - KHG	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
							Date of Proposal	17 May 2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
KFR KHG	Libya Egypt					- Needs to be discussed with Libya - Needs to be discussed with Egypt Implement if possible Priority Routes	TBD	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/5 February 2012	



MID/RC-084

MID/RC-001 <i>(Option 1)</i> 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
							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	
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"> - Bahrain has no objection . - Qatar has no objection however will have time restriction of 15:00 to 03:00 UTC subject to concurrence with Saudi Arabia. - Saudi Arabia needs to study the proposal further and will advise by 31 October 2008. - Still under consideration by Saudi Arabia Pending Saudi Arabia response Secretariat will make Amendment Proposal. <ul style="list-style-type: none"> - Re submitted by Bahrain with indication of safety priority need. - Saudi Arabia to investigate a timed route option. Still timed out route Same as RC 001 Whatever is related to A415 should be combined Still on		As soon as practical	
Flight Level Band: FL200 – FL410									
Potential City Pairs: DOH to Western Europe/USA DOH to BEY, DAM, AMM DOH to North-Africa OMAA to GMMN, HECA, HSSS, OEJN, OERK									
Conclusions/Remarks	Saving 88 miles, 10 daily flts, 34650 Kg of CO2 Daily					Last updated	ARN TF/5 February 2012		

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									
Potential City Pairs: SGN, PEK, HKG, PVG, DEL, AMD, KHI, KIX, DAC, KTM - Doha						Differed for the future Similar to RC-013 No change			
Conclusions/Remarks						Last updated	ARN TF/5 – February 2012		



MID/RC-003

ARN TF/6-WP/4
APPENDIX A

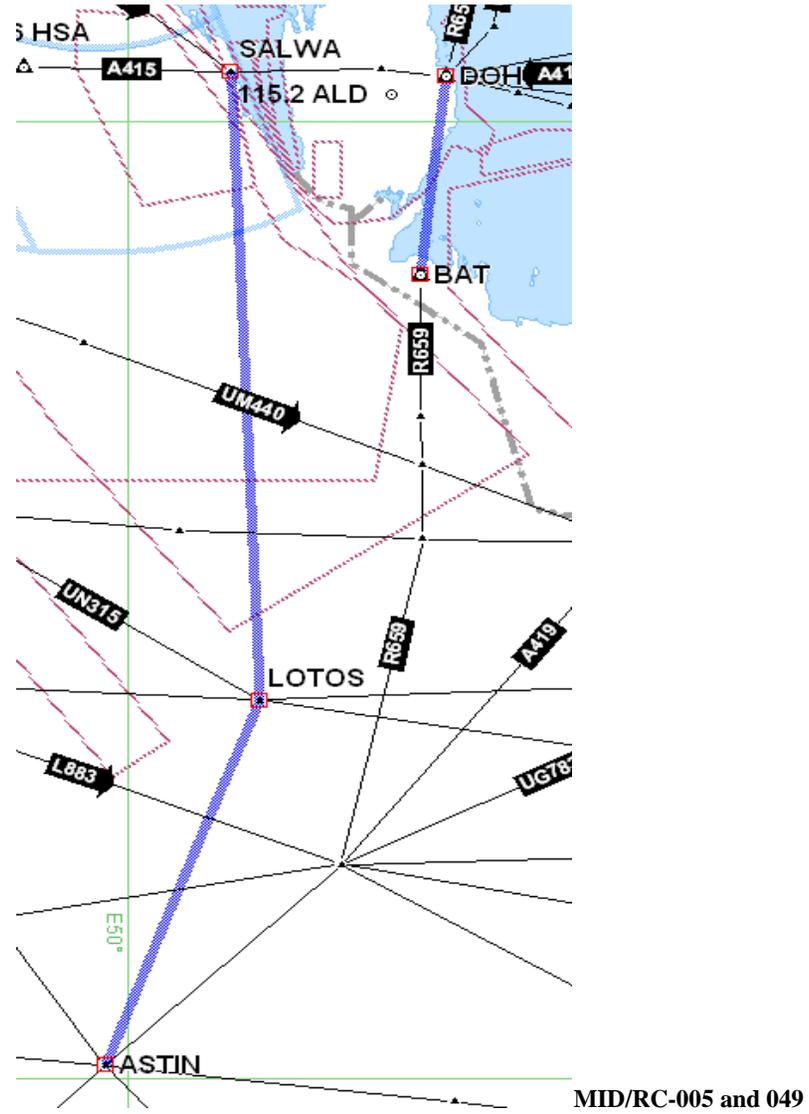
A-28

MID/RC-004	ATS Route Name: Q707-L681	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"> - Bahrain has no objection. - Qatar can extend hours from 15:00 to 03:00 UTC provided Saudi Arabia concurs. — Saudi Arabia will study the proposal and revert to the Secretariat by 31 October 2008. 	31-Oct-2008	
Flight Level Band: GND - UNL						Still under consideration by Saudi Arabia		
Potential City Pairs: 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		
						Implemented as a timed-out route Keep as is in the route Catalogue		
Conclusions/Remarks		Urgent implementation necessary due rapidly building congestion in the Bahrain FIR				Last updated	ARN TF/5 February 2012	

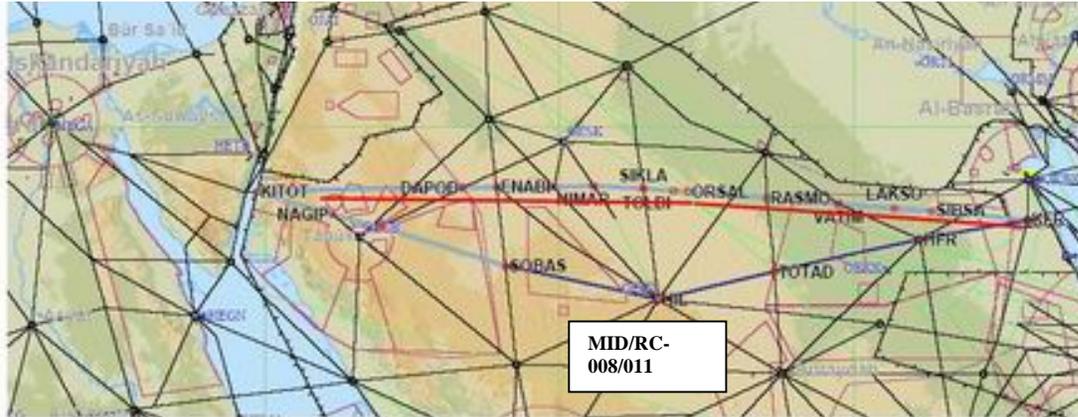
A-29



						<ul style="list-style-type: none"> - Provided R659 implemented between DOH and BAT and RC049 2. - No change - • MID RC-005 / MID RC-049, UAE requested that due military issue to remove this route - Doha will be addressed during the next meeting reference removing this route. Keep as is until Qatar is present for discussions Expected implementation September 2011 as a timed out route - Ref RC 005 	
Conclusions/Remarks	Replacement proposal (Doha-Bundu-U997-R659). Approved for immediate implementation.					Last updated	ARN TF/5 February 2012

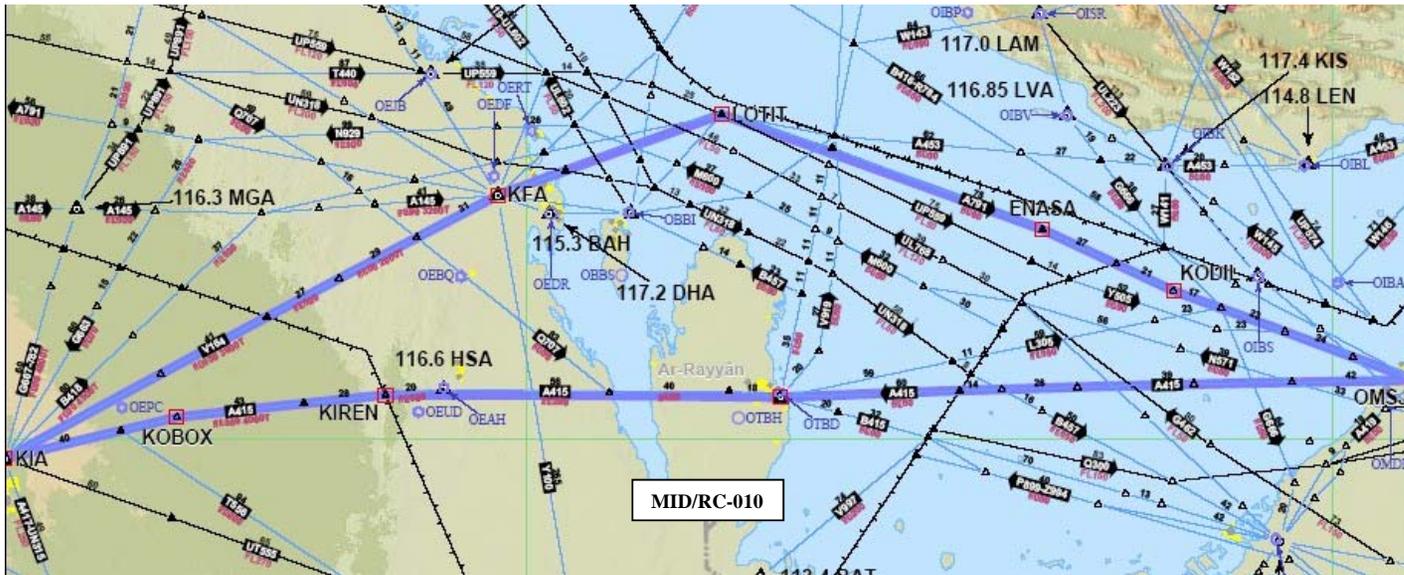


MID/RC- 008-011	ATS Route Name: New Parallel AWY to UL 550	Entry-Exit: Parallel AWY to UL550	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
New Parallel AWY to UL 550		Egypt Saudi Arabia Iraq Kuwait		New ATS route.		<ul style="list-style-type: none"> - Egypt will continue to study how to address issue of east bound traffic for reduced traffic (Egypt Air and Kuwait Airways). - The Segment in Jeddah FIR is used bidirectionally already. - Egypt will review the route feasibility on completing of the ACC sectorization process underway - Egypt restudy the route and to provide an update next ARN TF - No change - Can be deleted provided ATS Route A791 is implemented as Bi-directional. 	Update will be provided October 2009 March 2010	
Flight Level Band: 6000ft TO FL 250								
Potential City Pairs: Cairo-Kuwait								
Conclusions/Remarks		Egypt highlighted similar proposal has been studied before and not found acceptable due to military restrictions and uncoordinated flights over the red sea area. This is similar routing as MID/RC-011				Last updated	ARN TF/5 February 2012	



MID/RC-010	ATS Route Name: V164 N687	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"> - Bahrain has no objection for FL250 and below between KIA and KFA. - Bahrain will study feasibility of traffic volume that can be permitted to descend below FL250. - Not feasible at the moment - Differed for the future. - Saudi Arabia agrees. - Timed route - No change 		
Flight Level Band:								
Potential City Pairs: For traffic from airports in Gulf region to Riyadh and beyond								
Conclusions/Remarks						Last updated	ARN TF/5 – February 2012	

A-35

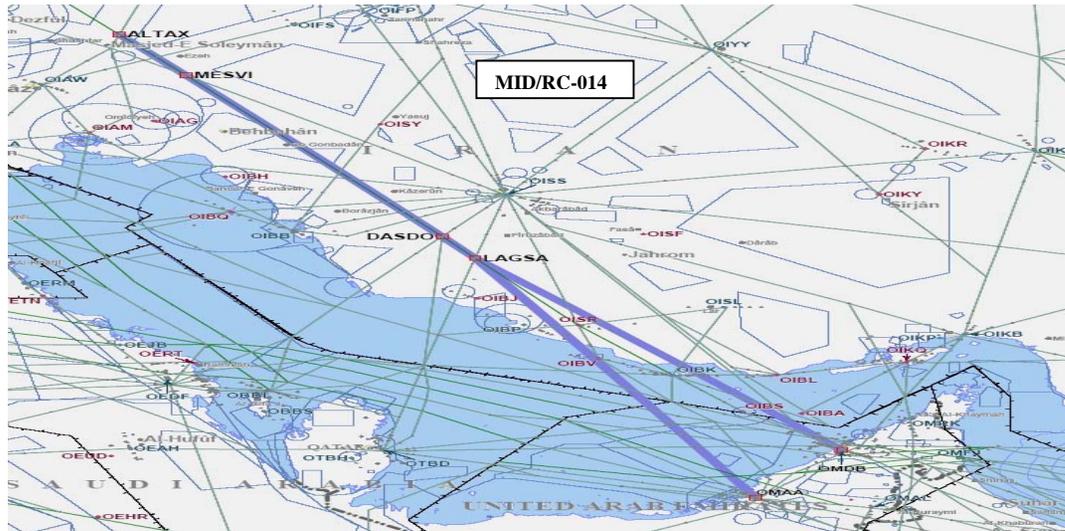


ARN TF/6-WP/4
APPENDIX A

A-36

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 Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
New, bi-directional route segments		Iran UAE				<ul style="list-style-type: none"> - Under consideration by Iran and UAE. States have no plan to implement. - Differed for the future. - Discussion going on - UAE requested to remove the route due to the complexity that will be created. Iran share UAE in this comment to remove the route 	TBD	
Flight Level Band: Upper Airspace								
Potential City Pairs: UAE to Iran and beyond (unlimited)								
Conclusions/Remarks					Last updated		ARN TF/5 – February 2012	

A-37

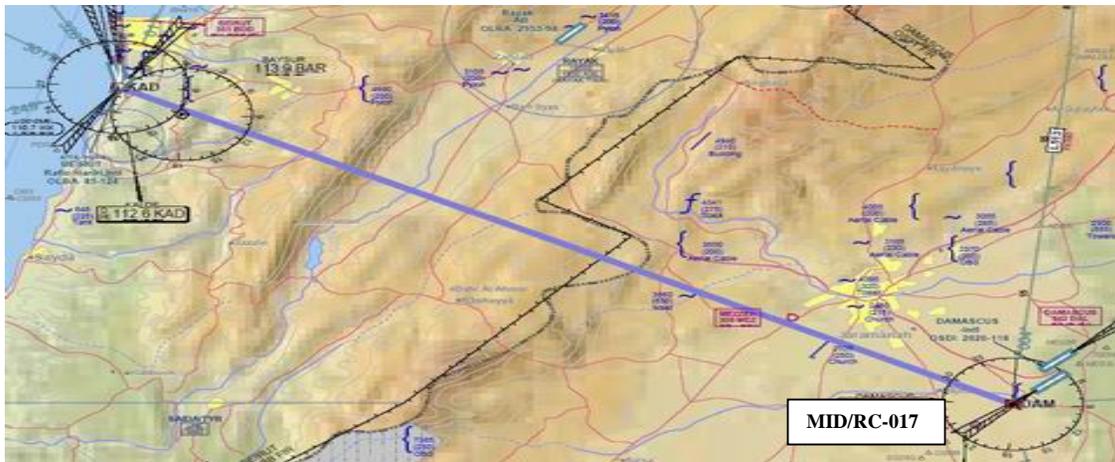


ARN TF/6-WP/4
APPENDIX A

MID/RC-015	ATS Route Name: New airways between Sharjah and Tehran	Entry-Exit: LOPEG- DEBES	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	
<p>A new waypoint XXXXX to be created half way between KUMUN and PAPAR i.e. 37 NMs from either point.</p> <p>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</p>						<p>- Already under consideration by Iran and UAE.</p> <p>States have no plan to implement. Differed for the future.</p> <p>UAE have no plan to implement and requested to remove this route</p>	TBD	
Flight Level Band:								
Potential City Pairs: Sharjah-Tehran								
Conclusions/Remarks						Last updated	ARN TF/5 – February 2012	



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 Implemen- tation 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. No updates	TBD 30 Sept 08 June 2009	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/5- February 2012	

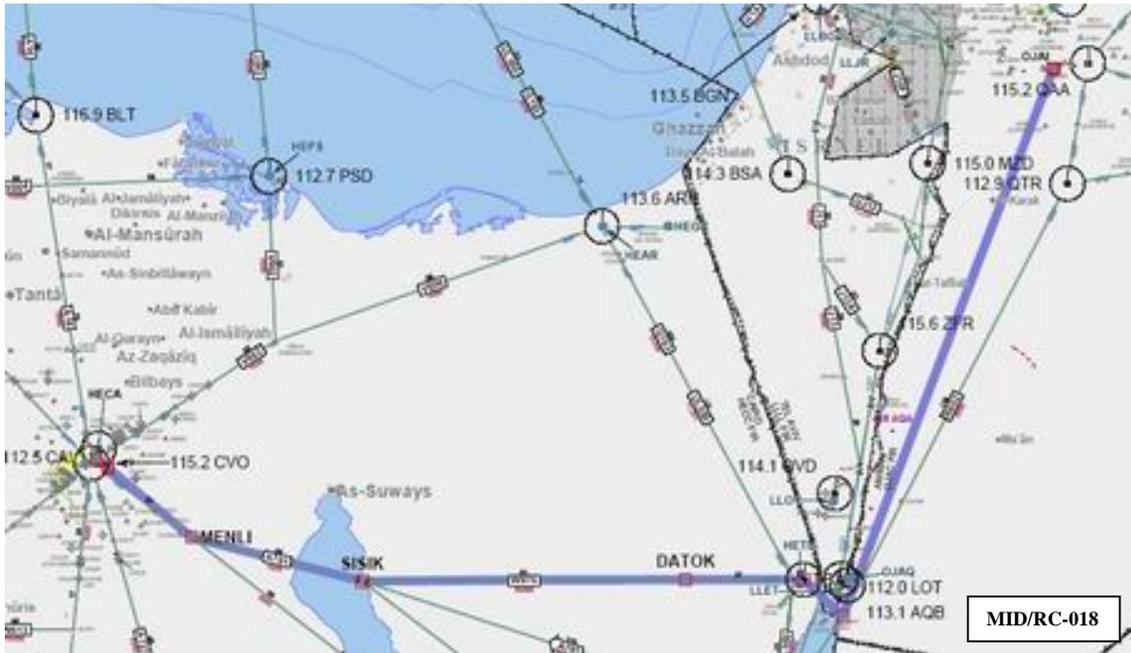


ARN TF/6-WP/4
APPENDIX A

A-40

MID/RC-018	ATS Route Name: New Route		Entry-Exit: Route from Jordan to CAI via TBA-W976	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	
Route from Jordan to CAI via DATOK TBA-W976			Jordan Egypt		New ATS route.		<ul style="list-style-type: none"> - 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. - State and Military issues <p>Pending discussion between Egypt and Jordan</p> <p>Can be deleted provided DATOK - METSA be used as an alternative route</p>	TBD	
Flight Level Band:									
Potential City Pairs:									
Conclusions/Remarks							Last updated	ARN TF/5 February 2012	

A-41



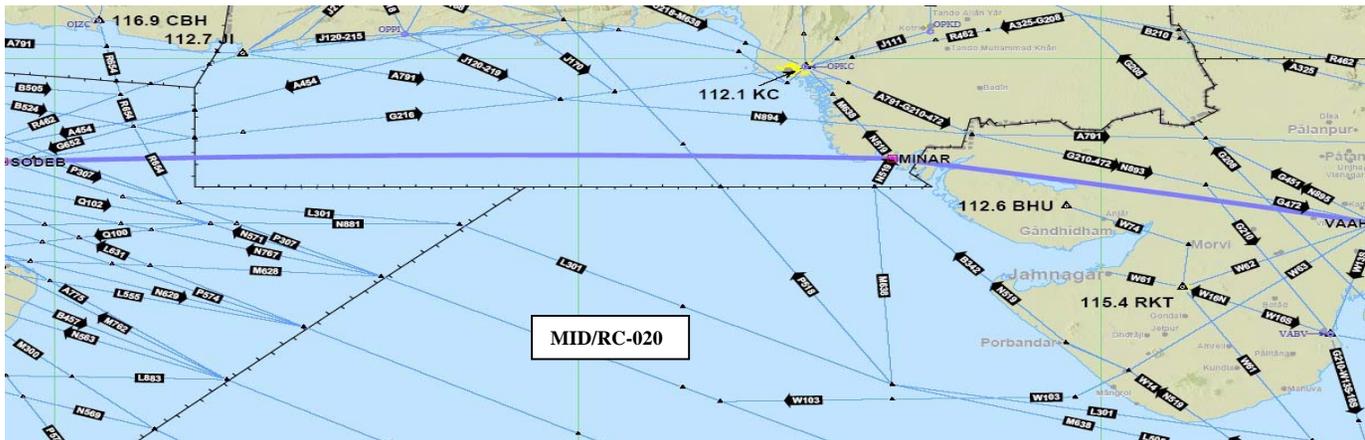
ARN TF/6-WP/4
APPENDIX A

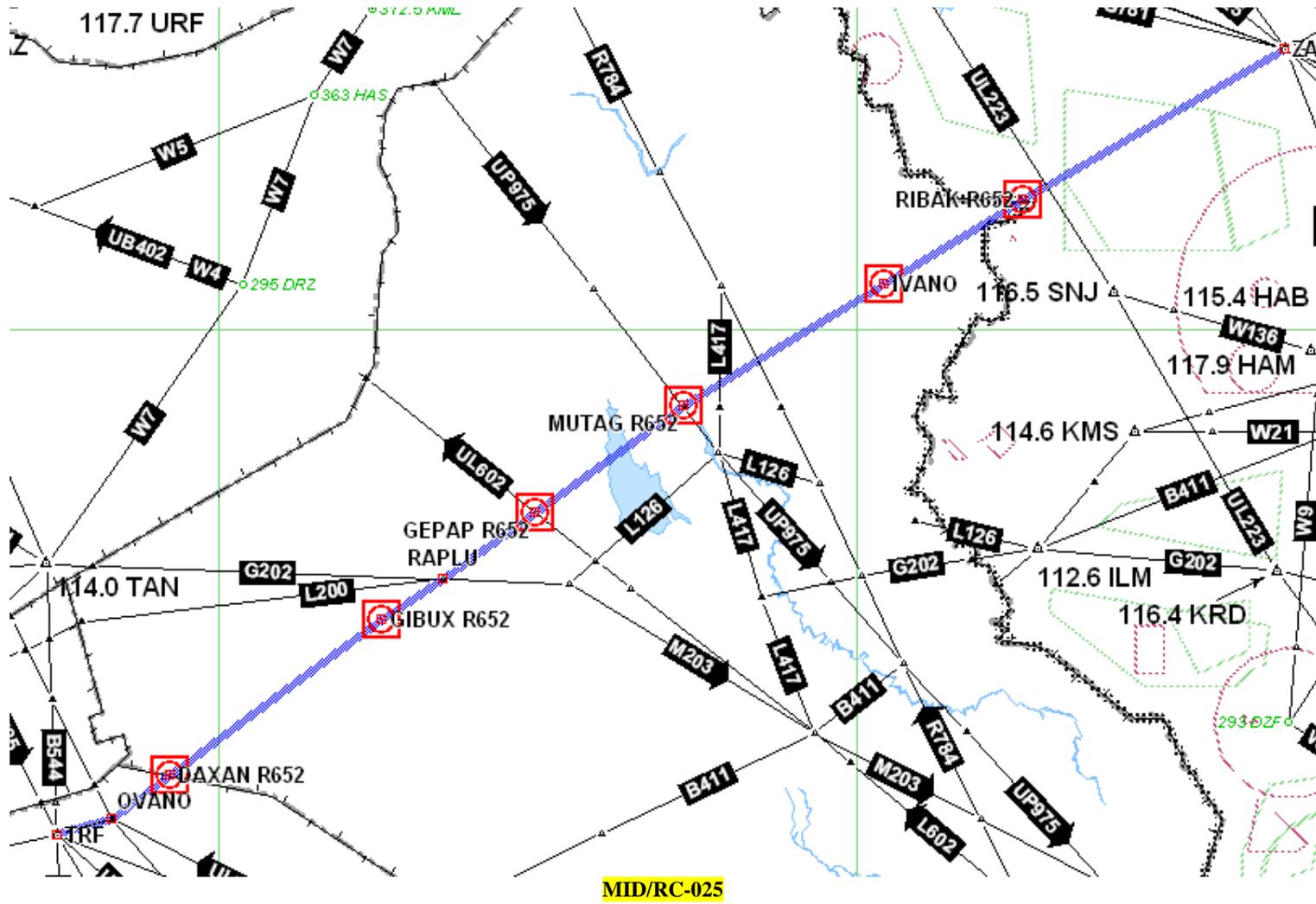
A-42

MID/RC-019	ATS Route Name: R462	Entry-Exit: DENDA-MIBSI	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	
Request permission to use this AWY for traffic with destination DOHA DENBA DENDA R462 MIBSI P899 BUNDU						<ul style="list-style-type: none"> - UAE has no objection if Oman agrees. - ICAO will send proposal to Oman. <p>Not feasible due to congestion (safety reasons)</p> <p>Differed for the future.</p> <p>UAE has no issues if Oman agrees, but stated that the exit point from UAE FIR to Doha must be through MEKMA</p>		
Flight Level Band: FL290 to FL410								
Potential City Pairs: SGN, PEK, HKG, PVG, DEL, AMD, KHI, KIX, DAC, KTM-Doha								
Conclusions/Remarks	Proposal to be send to Oman for response					Last updated	ARN TF/5 – February 2012	

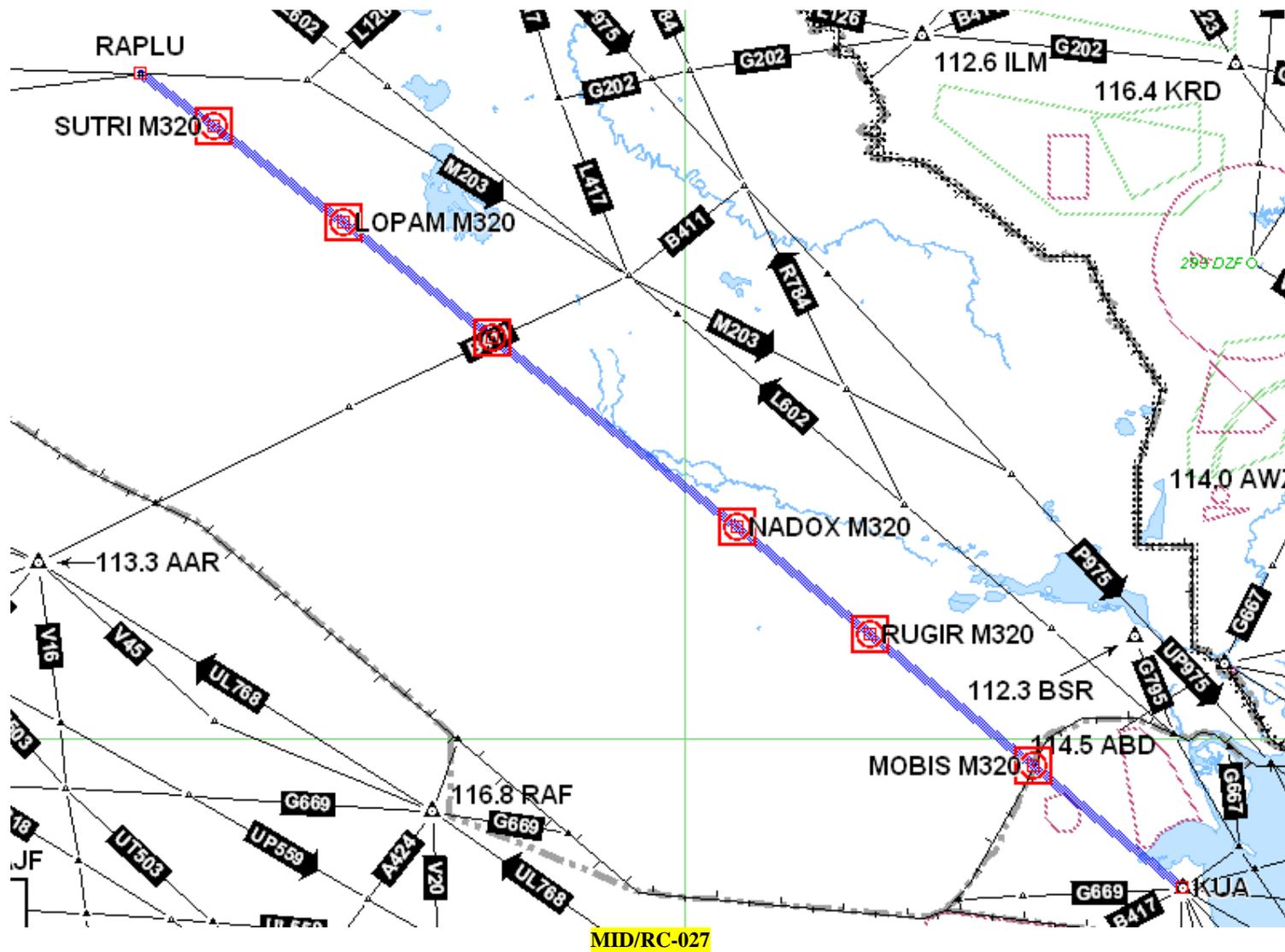
ARN TF/6-WP/4
APPENDIX A

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 Implemen- tation 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"> - SODEB to/from MINAR with 24 hours availability. - MINAR to Ahmedabad or Pratapgarh (PRA). - To be relayed to Oman and APAC Regional Office, Bangkok. <p>Under consideration as unidirectional only</p> <p>Also being coordinated with APAC</p> <ul style="list-style-type: none"> - Route was not supported by India . - Differed for the future. 	<p>Update October 2009.</p> <p>March 2010</p> <p>Route expected implementati on date Jun2010</p>	
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	

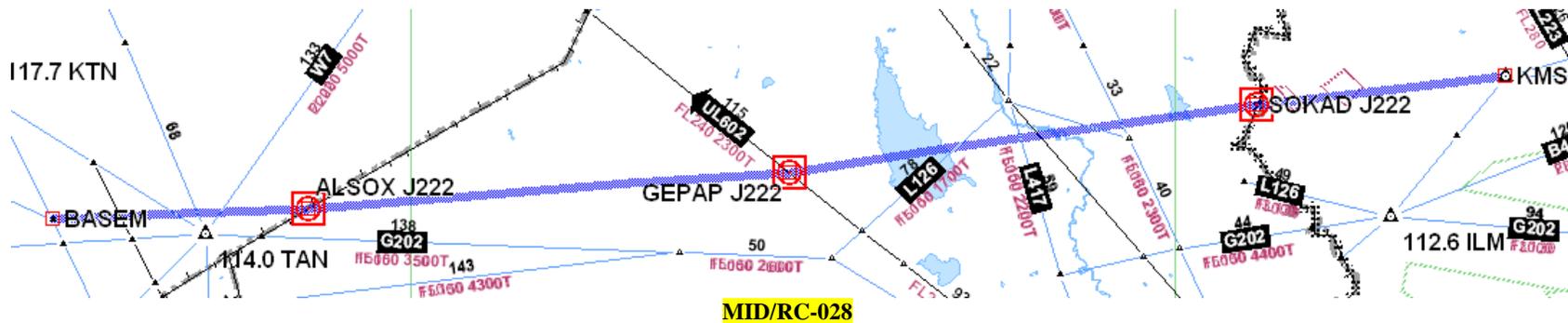




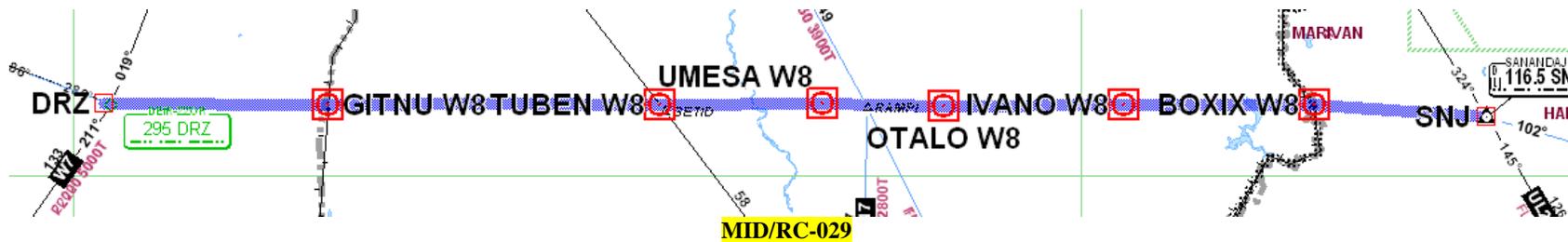
MID/RC-027	ATS Route Name: M320	Entry-Exit: KUA-RAPLU	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required		Deadline for each Action
KUA MOBIS 295109N 0470457E RUGIR 303219N 0460618E NADOX 310505N 0451851E ELODI 320256N 0435126E LOPAM 323757N 0425806E SUTRI 330701N 0421128E RAPLU 332300N 0414530E		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	



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 Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
BASEM 333318N 0373906E ALSOX 333700N 0392000N GEPAP 334906N 0422851E SOKAD 341051N 0453226E KMS KERMANSHAH		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



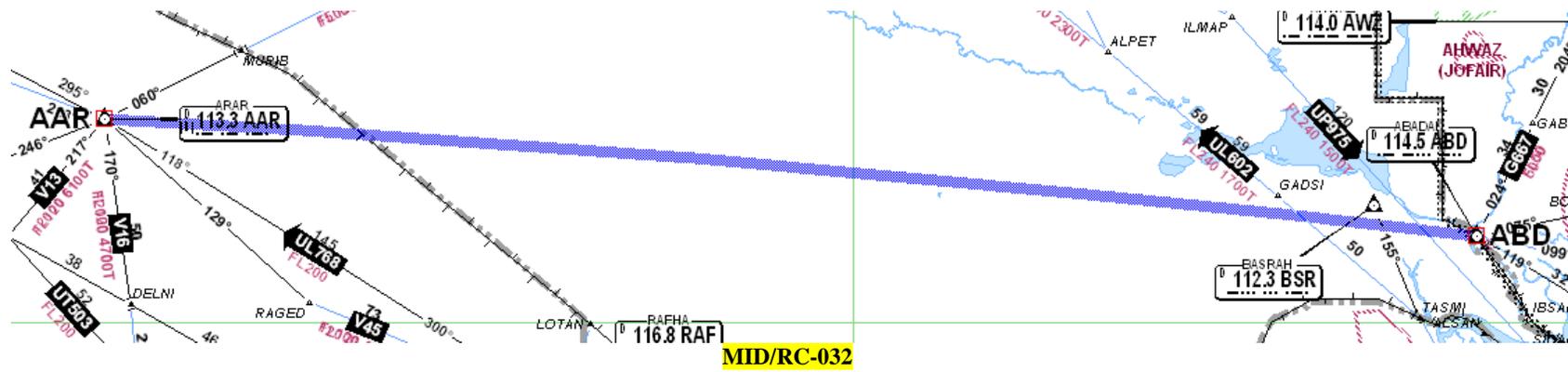
MID/RC-029	ATS Route Name: W8	Entry-Exit: GITNU-HAB	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
DRZ GITNU 351724N 0411553E TUBEN 351724N 0425434E UMESA 351741N 0434307E OTALO 351700N 0441900E IVANO 351724N 0451235E BOXIX 351724N 0460921E SNJ		Syria Iraq Iran		1. Change route designator to regional RNAV route designator (L, M, N or P requested). 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"> 1) Iraq to establish new boundary point at Jeddah & Baghdad FIR boundary. 2) Iran and Iraq agreed that all east/west routes would be implemented after implementation of RVSM and military approval. 3) Coordination Between Iraq and Saudi Arabia Required. 	Available in ATS.1 Table Panjgur-Abadan New Route in Baghdad FIR..		<p>Points highlighted in yellow are new.</p> <p>To be referred to the ARN TF/3 meeting for further discussions</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> <p>Iran Propsoed to implement the route but Iraq was not present for discussion</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/5 February 2012

ARN TF/6-WP/4
APPENDIX A

A-52



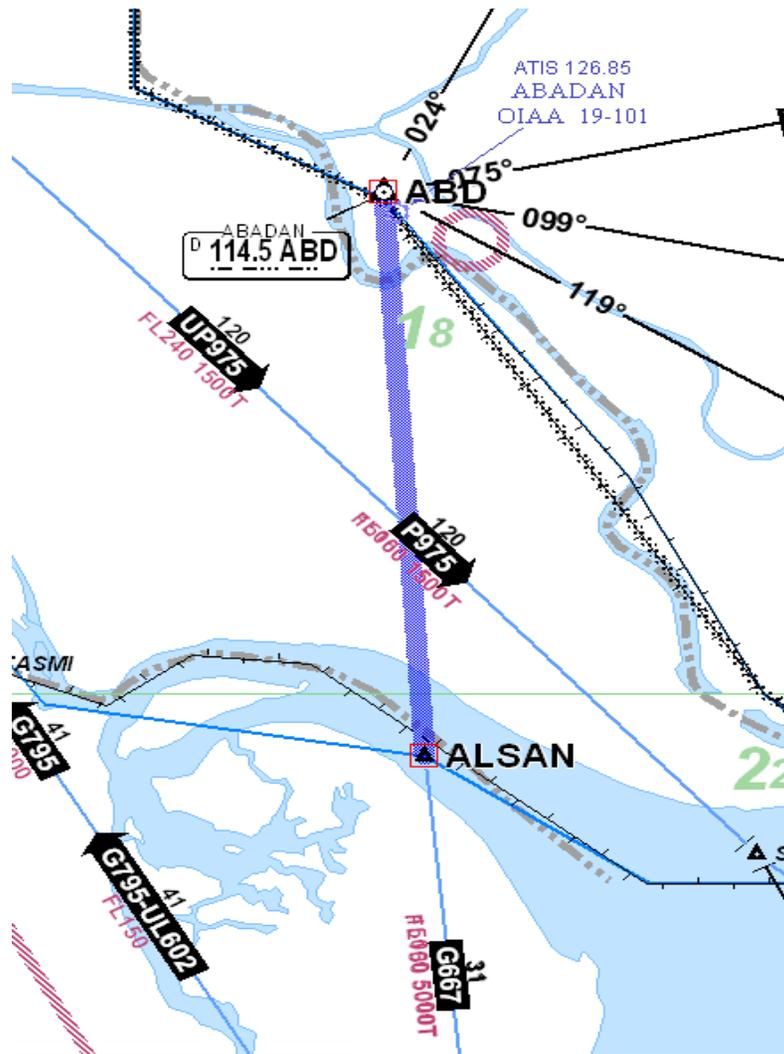
MID/RC-037	ATS Route Name: New Route	Entry-Exit: MIDSI - DASDO	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	Iran
							Date of Proposal	15 March 2010
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	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> <p>Discussion complete Bahrain and Iran to Request Route designators and a proposal for amendment to be circulated once data is received by ICAO</p>	Published by Iran as T202	
Flight Level Band: FL 130 - UNL								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/5 February 2012	



MID/RC - 037

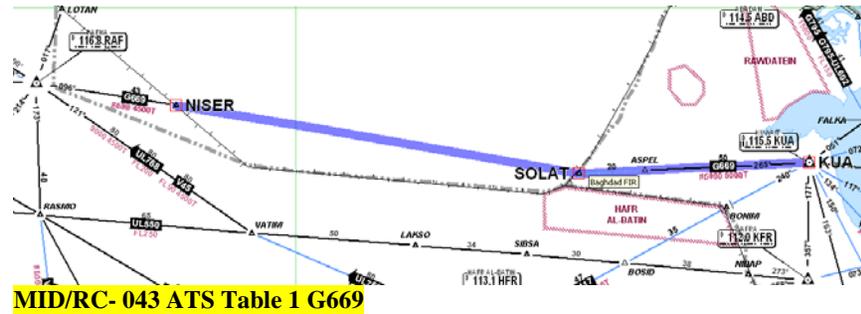
MID/RC-038	ATS Route Name: New Route	Entry-Exit: IMDAT - MIDS	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	Iran
							Date of Proposal	15 March 2010
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
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 connecton of (MIDS - IMDAT) before considering the proposal. Another proposal put in by Bahrain and submitted to Iran Discussion complete Bahrain and Iran to Request Route designators and a proposal for amendment to be circulated once data is received by ICAO	(TBD)	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/5 February 2012	

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	
PUTMA 3748.0N 05157.6E NOSHAHR (NSR) TEHRAN (TRN) SAVEH (SAV) MIS AHWAZ (AWZ) ABADAN ALSAN 295707N 0481456E FALKA KUWAIT (KUA) WAFRA (KFR) MAGALA (MGA) KING KHALID (KIA) WADIAL 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

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	
							Date 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		Kuwait advised not possible at this time due to military restrictions. Not supported by Kuwait at present Kuwait will carry out further study To be referred to the ARN TF/3 meeting for further discussions - 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-048	ATS Route Name: New Route	Entry-Exit:		Inter-Regional Cross Reference if any	Users Priority	Originator of Proposal	IATA
		MUT in Turkey to BAN in Syria				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
		Cyprus, Syria, Turkey				IATA to provide further details	
Flight Level Band:						Not From IATA but fro Europe	
Potential City Pairs: OBBI, OERK, OMAA, OMDB, OSDI, OTBD to LBSF, LGAV, LROP, LTAC, LTBA (Arabian Peninsula and Syria to Greece, Turkey, Black Sea area)							
Conclusions/Remarks	Saves 10NM per flight					Last updated	ARN TF/5 February 2012



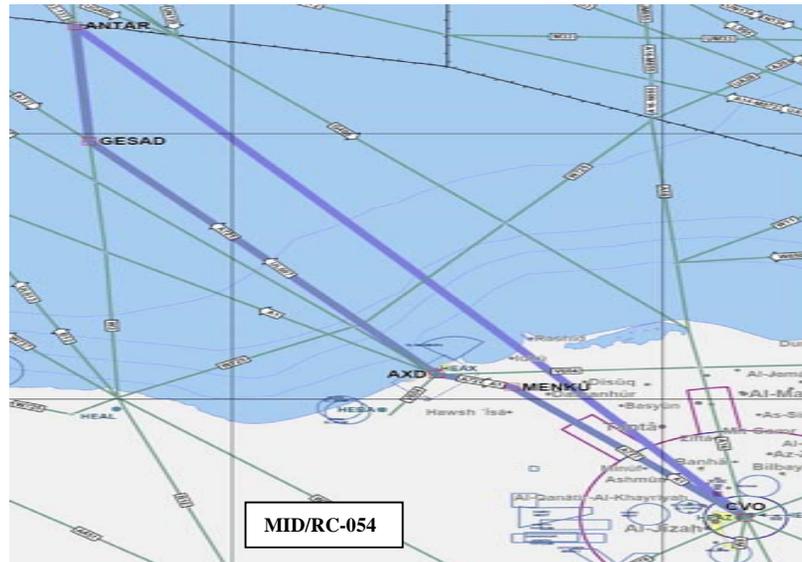
MID/RC-048

ARN TF/6-WP/4
APPENDIX A

MID/RC-050	ATS Route Name: New Route	Entry-Exit: ADV / DASDO	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
							Date of Proposal	ARN TF/2
Route Description A northbound airway that will avoid a dog leg via DARAX or MIDSI.		States Concerned Bahrain Iran UAE	Expected Implementation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	IATA to provide further details UAE stated clearly that there is no plan or intentions to implement this route
Flight Level Band: Upper								
Potential City Pairs: OMAA to Iran, Europe & North America								
Conclusions/Remarks		Saving 39 miles, 20 flts/day, 48 Tons of CO2 daily				Last updated	ARN TF/5 February 2012	



MID/RC-054	ATS Route Name: New Route	Entry-Exit: CVO-ANTAR		Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
		Date of Proposal	ARN TF/2						
Route Description Cairo TO ANTAR		States Concerned	Expected Implemen- tation date	Implementation Status		ANP Status		Action Taken / Required	Deadline for each Action
		Egypt						Not much Traffic on this route Military issues Differed for the future No change	
Flight Level Band: Upper									
Potential City Pairs: HECA and Arabian Peninsula to Europe									
Conclusions/Remarks		Saves 13 minutes						Last updated	ARN TF/5 February 2012



ARN TF/6-WP/4
APPENDIX A

A-64

MID/RC-062 (ex B538)	ATS Route Name: New Route	Entry-Exit: GAZIANTEP 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	
(GAZIANTEP) ALEPPO KARIATAIN DAMASCUS		Syria		GAZIANTEP – ALEPPO Established as (B544) ALEPPO – KARIATAIN Established as (B538) KARIATAIN – DAMASCUS not established		No updates		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks		Segment GAZIANTEP-ALEPPO implemented (B544)				Last updated	ARN TF/4 May 2011	

ARN TF/6-WP/4
APPENDIX A

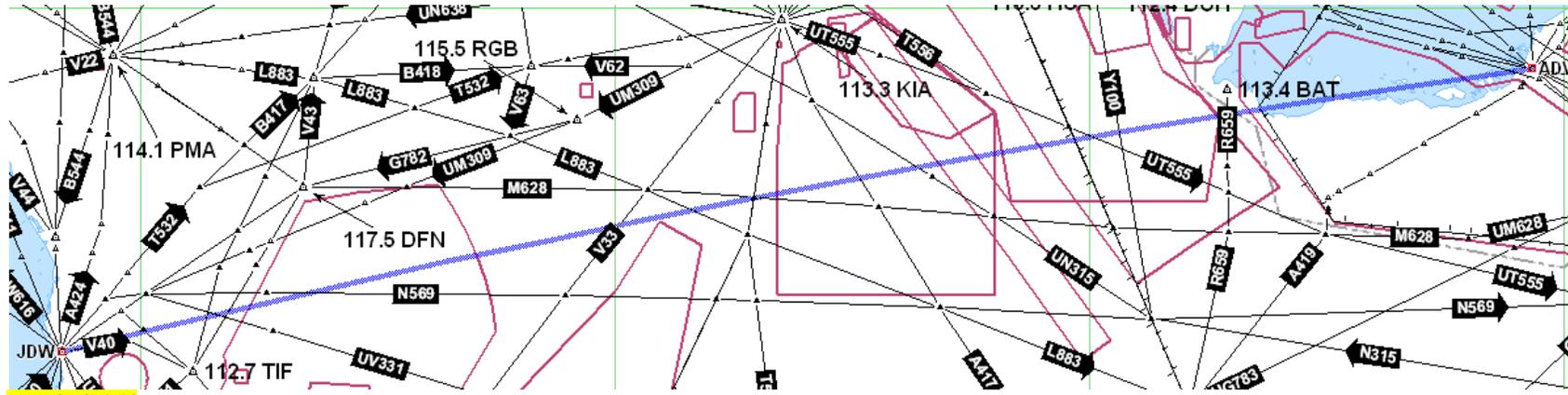
A-66

MID/RC-063 (ex B545)	ATS Route Name: New Route	Entry-Exit: BALMA-AMMAN	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	
(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		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks					Last updated		ARN TF/4 May 2011	

ARN TF/6-WP/4
APPENDIX A

A-68

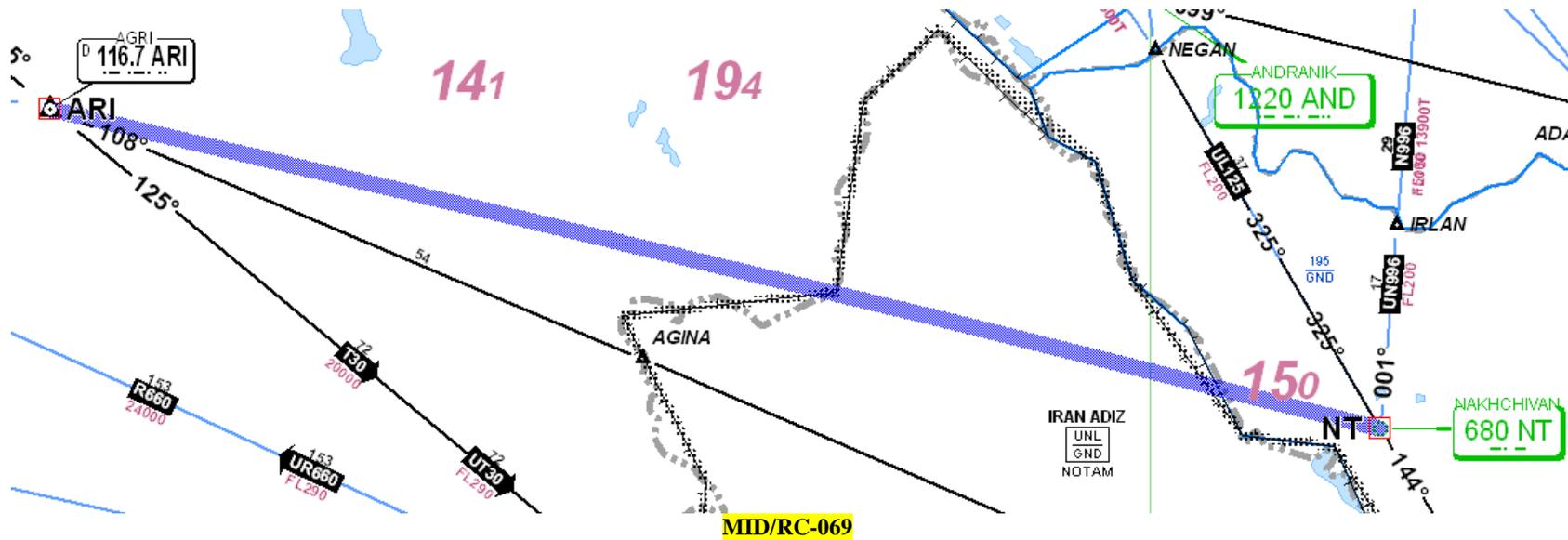
MID/RC-064 (ex G660)	ATS Route Name: New Route	Entry-Exit: JDW-ADV	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
								Date of Proposal
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	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-064

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-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	

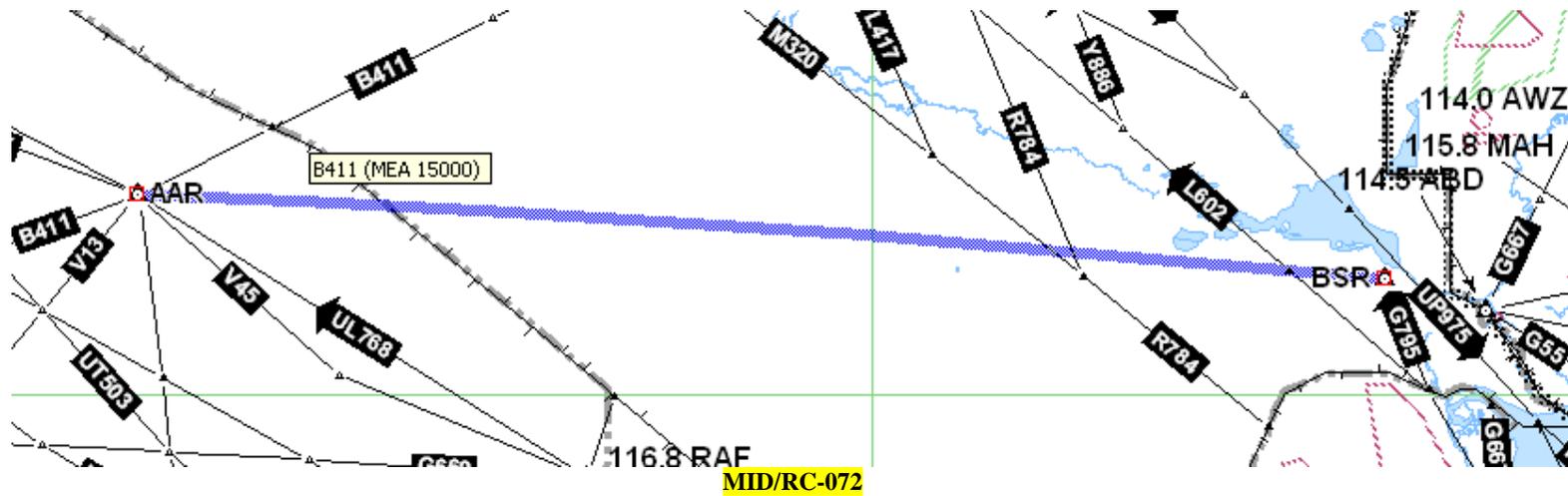


ARN TF/6-WP/4
APPENDIX A

A-72

MID/RC-071	ATS Route Name: New route	Entry-Exit: DELMA-A145	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	
<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 BBBB, 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 IIII, 20 NMs south-west of RARLO W333 at JJJJ, 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				<p>- Egypt and Saudi Arabia will consider the proposal for future.</p> <p>Parallel to A791/A145</p> <p>No updates</p>		
Flight Level Band: Upper Airspace								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4, May 2011	

MID/RC-072 (ex B401)	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	

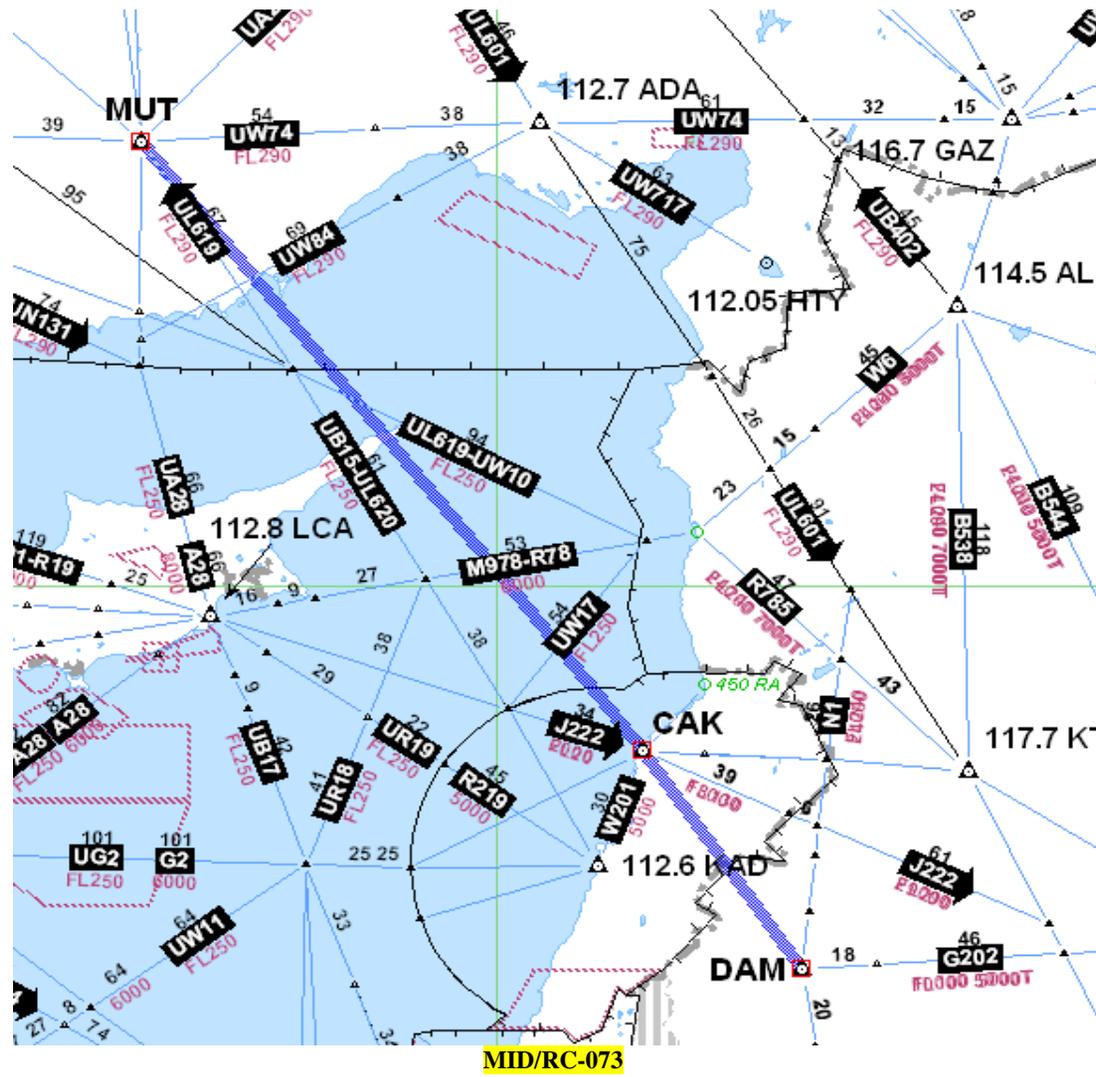


ARN TF/6-WP/4
APPENDIX A

A-74

MID/RC-073 <i>(ex B410)</i>	ATS Route Name: New route	Entry-Exit: MUT – DAMASCUS	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	
MUT CHEKA (CAK) * Note 3 (OS) DAMASCUS (DAM)		Turkey Syria		Not implemented		No change		
Flight Level Band: Upper Airspace								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	

A-75



ARN TF/6-WP/4
APPENDIX A

A-76

MID/RC-074 (ex R658)	ATS Route Name: New route	Entry-Exit: MUSCAT - BANDAR ABBAS	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	
SEEB Muscat (MCT) MELMI 2647.0N 05723.0E BANDAR ABBAS (BND)		Iran Oman		Not implemented.		Differed for the future		
Flight Level Band: Upper Airspace								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	

ARN TF/6-WP/4
APPENDIX A

A-78

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	

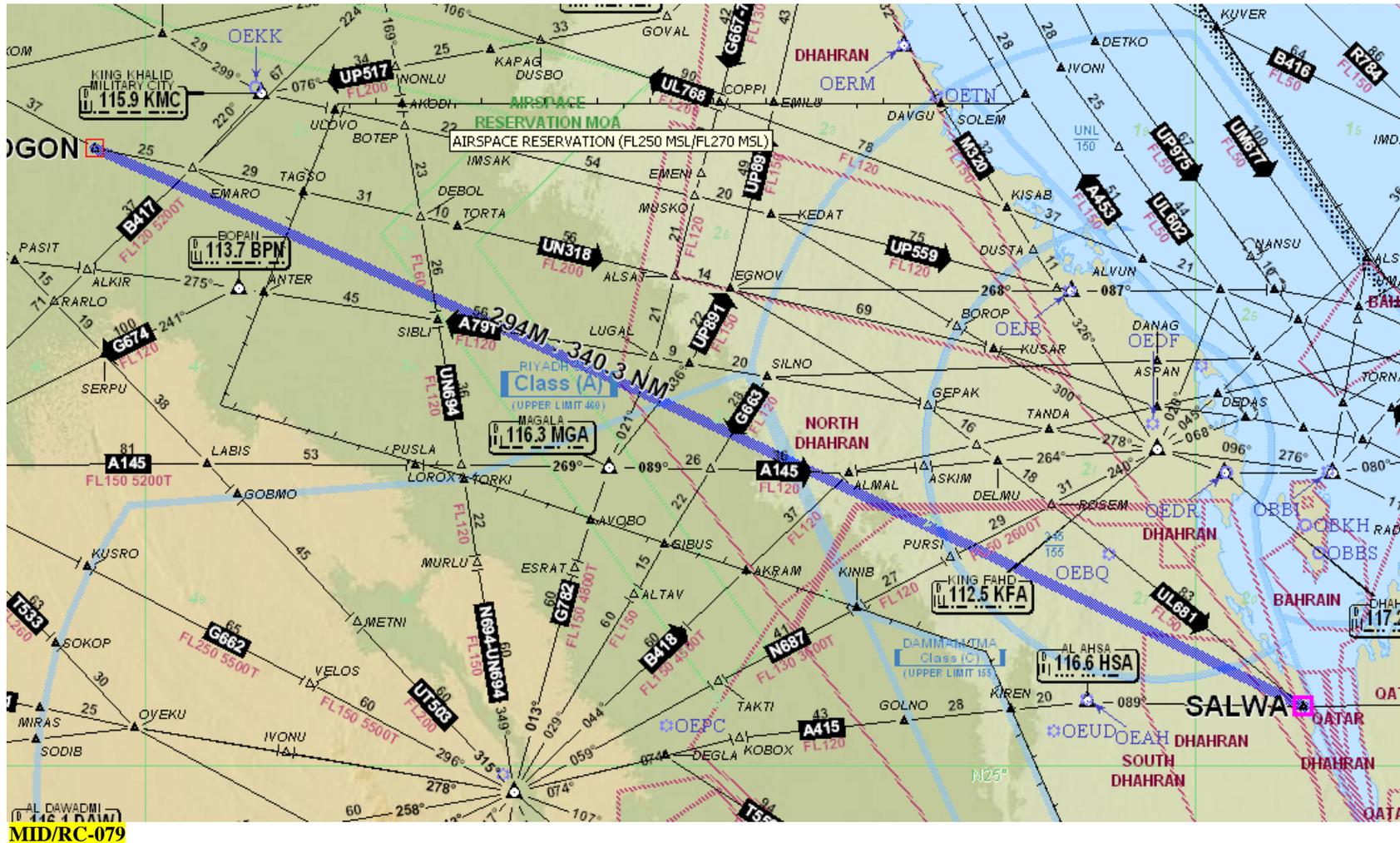
MID/RC-076	ATS Route Name: New route	Entry-Exit: AMIBO – DBA	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/2
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required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

MID/RC-077	ATS Route Name: New route	Entry-Exit: BINKO - RASNO - LOSUL	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/2
Route Description		States Concerned	Expected Implementation 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		
Flight Level Band: Upper Airspace								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	

MID/RC-078	ATS Route Name: B412	Entry-Exit: DAM - ASH	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	ANP
							Date of Proposal	17/May/2011
Route Description		States Concerned	Expected Implementation 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 Remove	R	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	



MID/RC-079	ATS Route Name: New Route	Entry-Exit: SALWA - MOGON	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	Qatar Airways
							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	
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		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks	Saves 11NM					Last updated	ARN TF/4 May 2011	

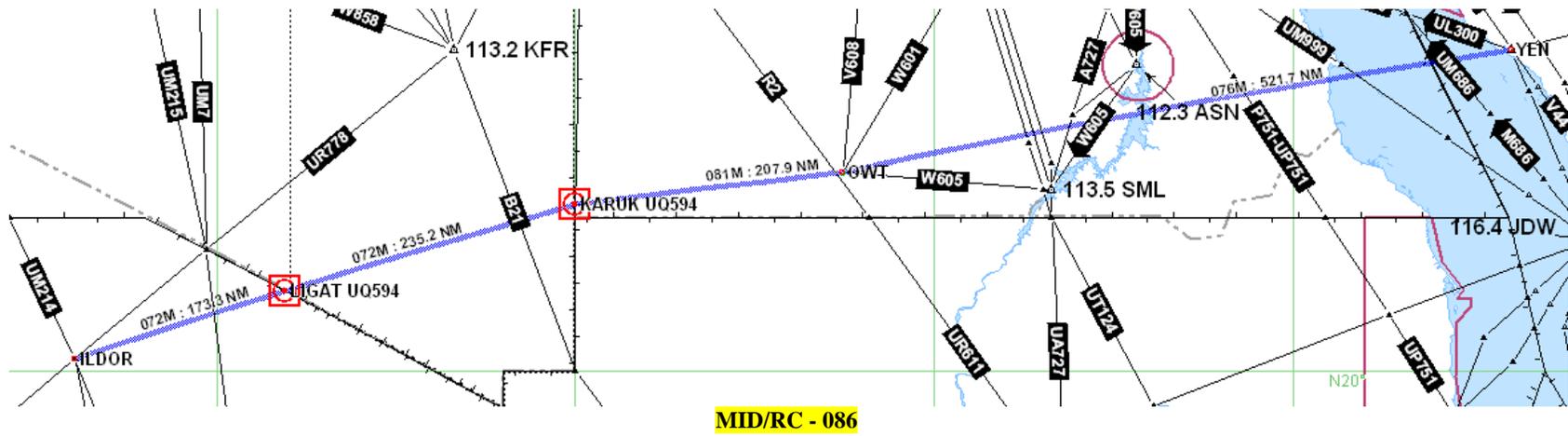


MID/RC-080	ATS Route Name: New Route	Entry-Exit: BUSRA - KTN	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	ICAO EUR/NAT
							Date of Proposal	17 May 2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
BUSRA 322000N 0363700E KARIATAIN (KTN)		Syria			Not in ANP	State letter to be sent to Syria for input. Awaiting final approval for implementation		
Flight Level Band:								
Potential City Pairs: HEGN - UUDD								
Conclusions/Remarks	Shortens the distance by 85NM.					Last updated	ARN TF/5 February 2012	

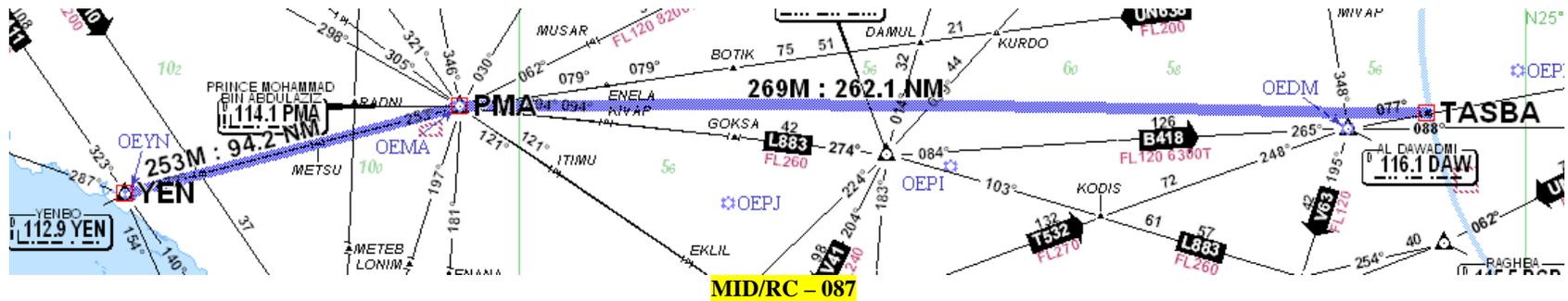
MID/RC-086	ATS Route Name: New Route UQ594; Bidirectional		Entry-Exit: ROB – OWT - YEN		Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
									Date of Proposal	17 May 2011
Route Description			States Concerned	Expected Implemen- tation date	Implementation Status		ANP Status	Action Taken/Required	Deadline for each Action	
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	
Flight Level Band:										
Potential City Pairs:										
Conclusions/Remarks							Last updated	ARN TF/4 May 2011		

ARN TF/6-WP/4
APPENDIX A

A-86



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

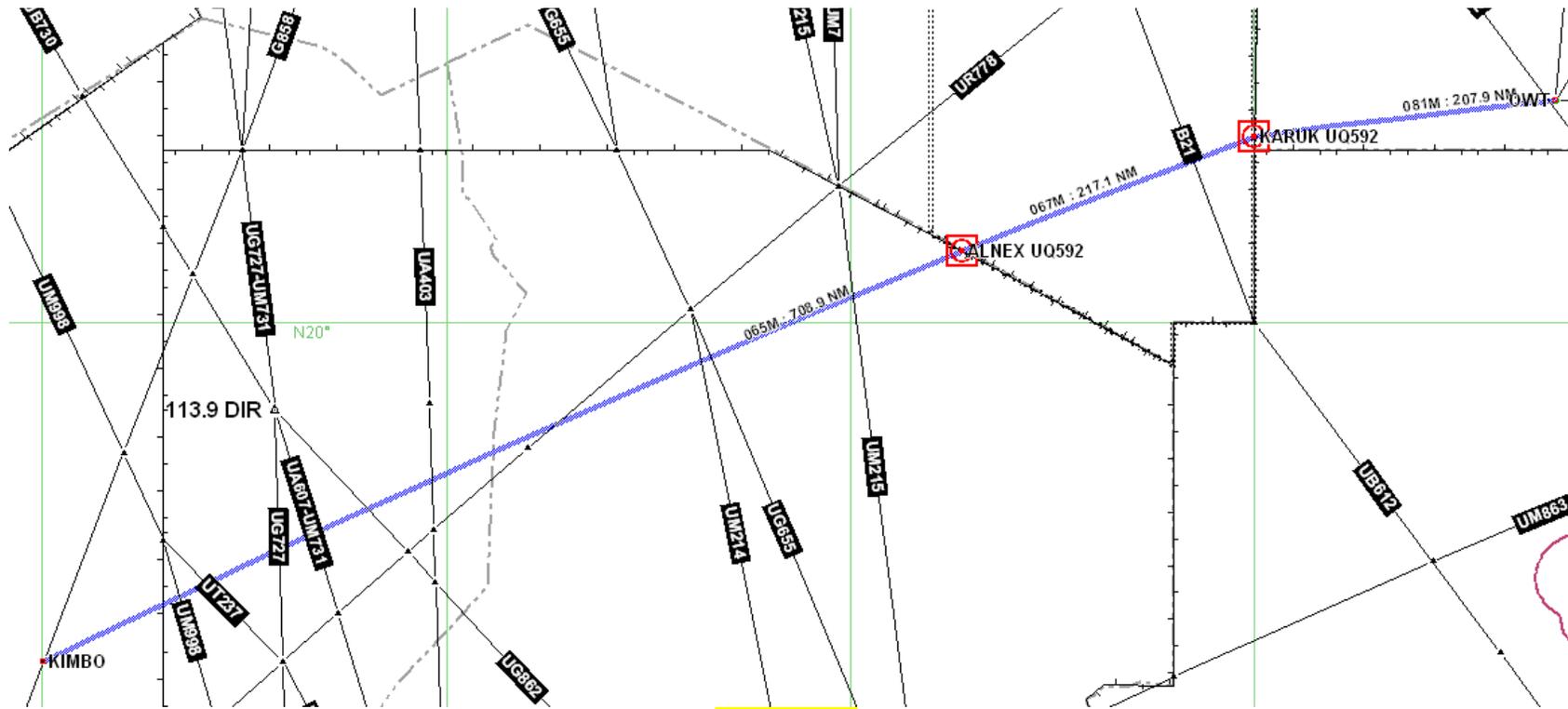


ARN TF/6-WP/4
APPENDIX A

A-88

MID/RC-088	ATS Route Name: New Route UQ592; Bidirectional		Entry-Exit: URUBI – ALNEX - KARUK		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		
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		
Flight Level Band:										
Potential City Pairs:										
Conclusions/Remarks									Last updated	ARN TF/4 May 2011

A-89



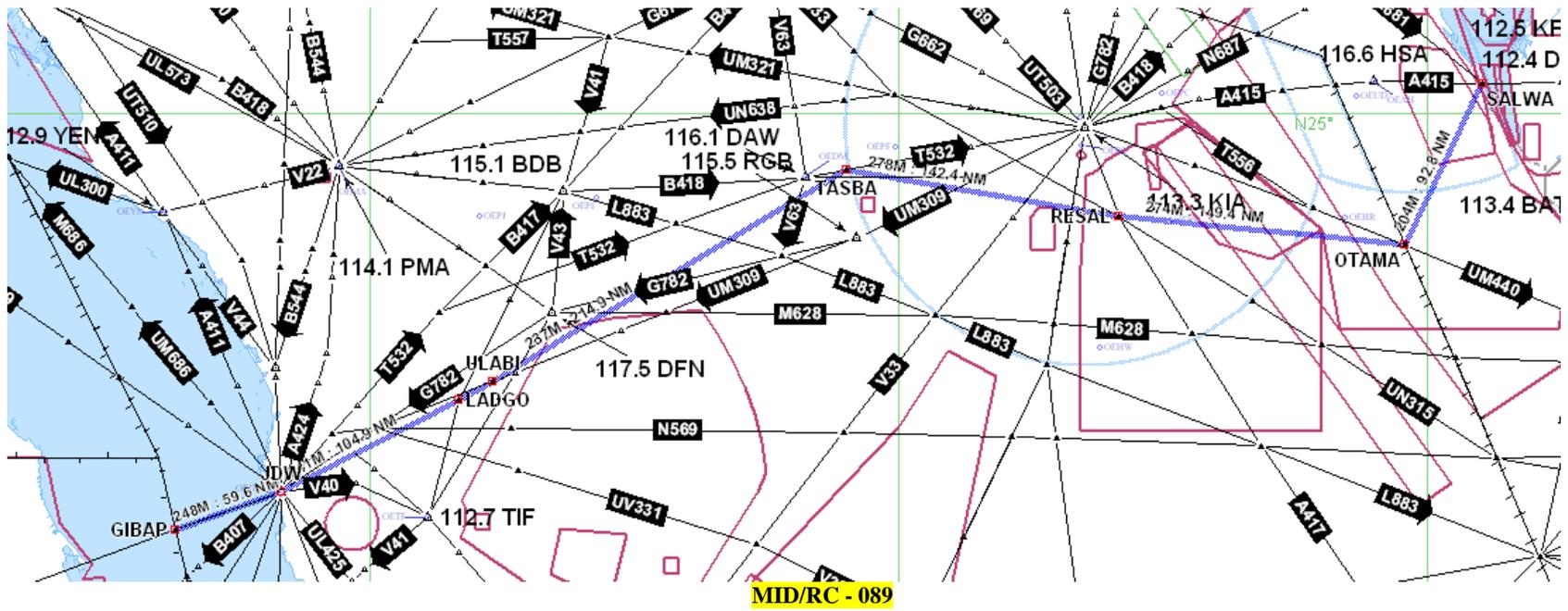
MID/RC - 088

ARN TF/6-WP/4
APPENDIX A

A-90

MID/RC-089	ATS Route Name: New Route UQ591; Eastbound	Entry-Exit: SALWA – OTAMA – TASBA – ULABI - GIPAB	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	
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	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	

A-91

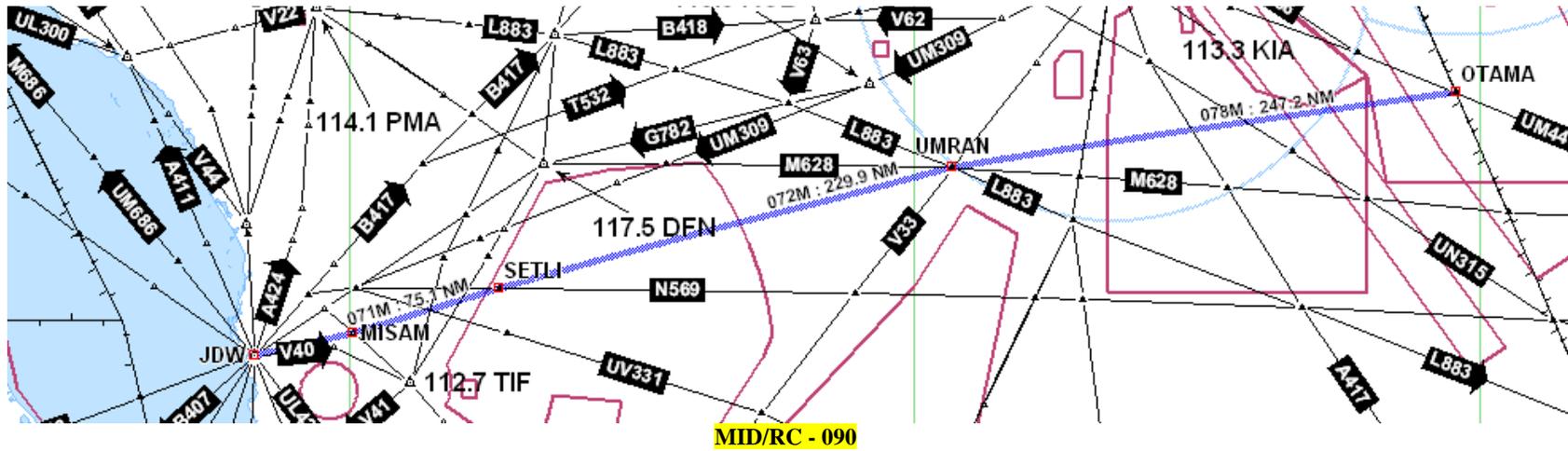


ARN TF/6-WP/4
APPENDIX A

A-92

MID/RC-090	ATS Route Name: New Route UQ588; Eastbound		Entry-Exit: JDW - UMRAN OTAMA		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		
JDW MISAM 215415N 0400153E SETLI 221608N 0411924E UMRAN 0411924N 0452023E OTAMA 2351 47N 0494707E		Saudi Arabia					- Timed Route	TBD		
Flight Level Band:										
Potential City Pairs:										
Conclusions/Remarks									Last updated	ARN TF/4 May 2011

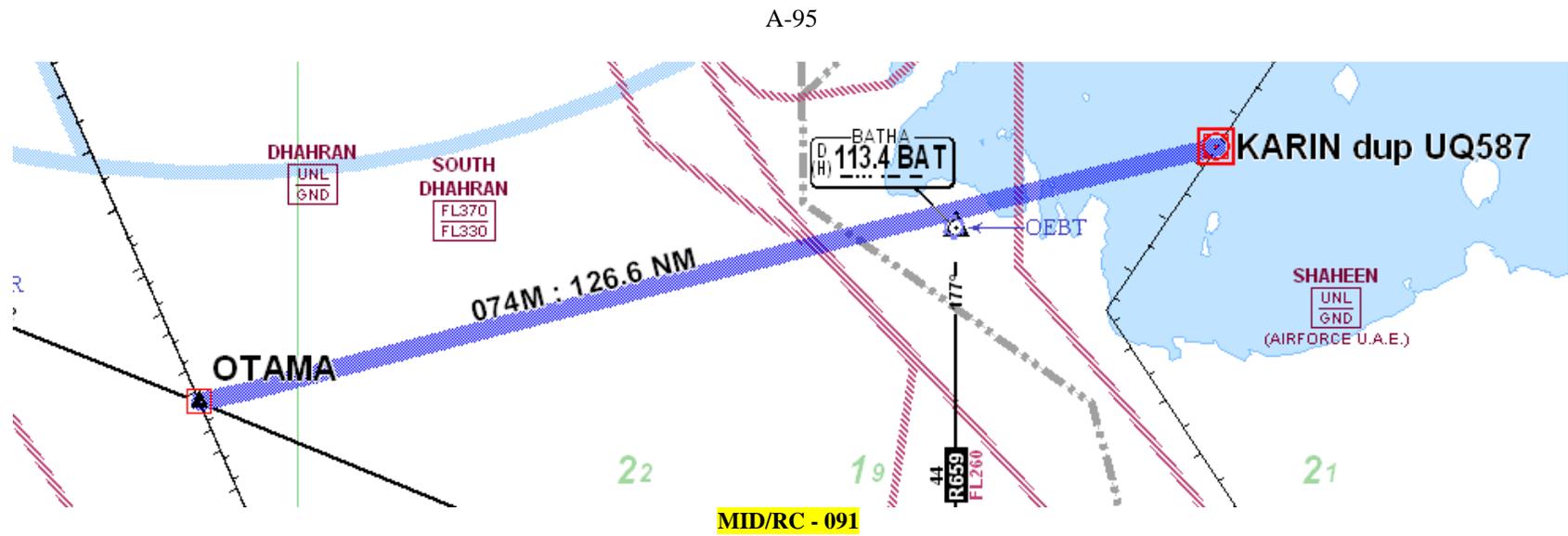
A-93



ARN TF/6-WP/4
APPENDIX A

A-94

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

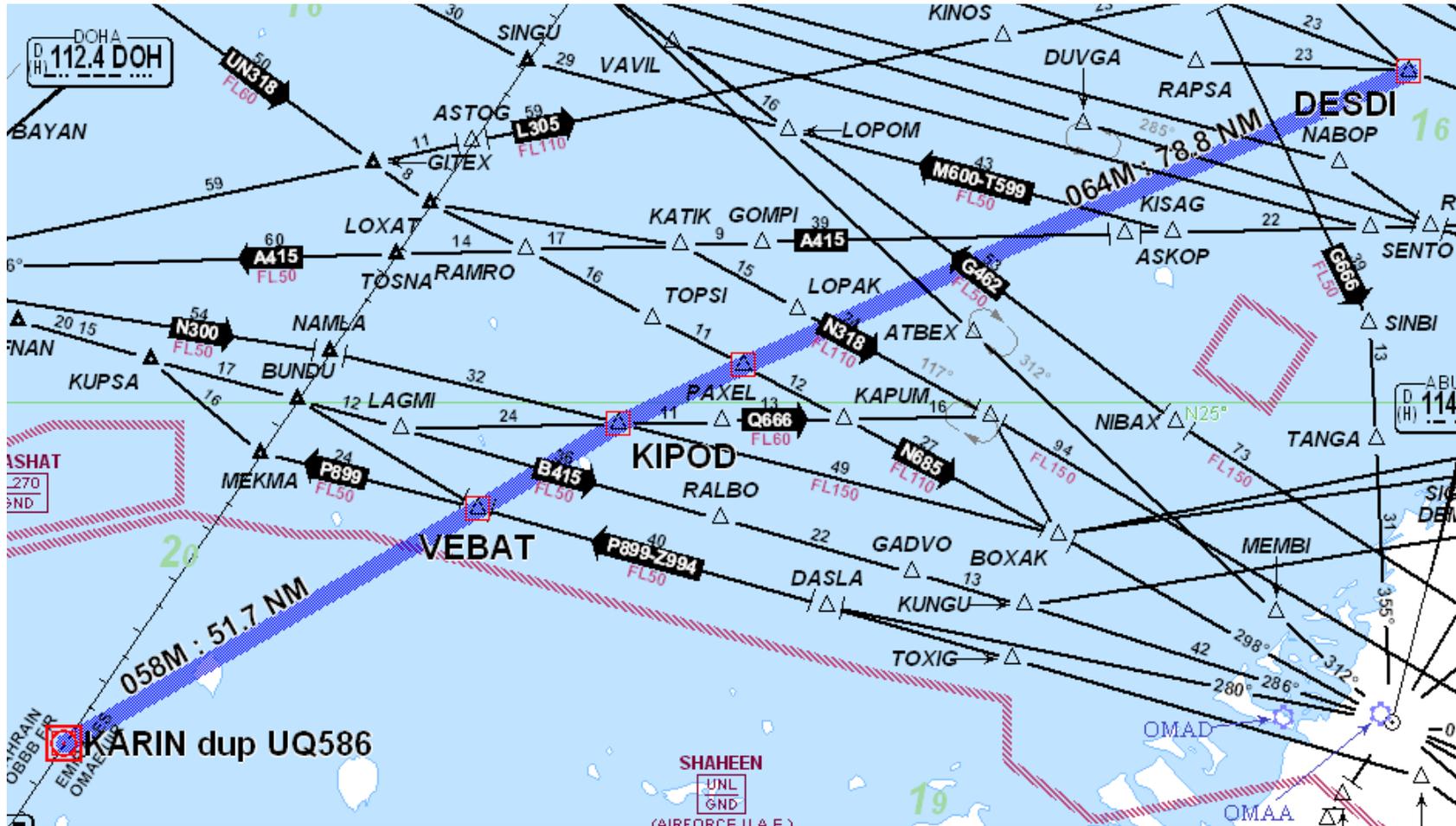


ARN TF/6-WP/4
APPENDIX A

A-96

MID/RC-092	ATS Route Name: New Route UQ586; Eastbound		Entry-Exit: KARIN - DESDI		Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	
	Date of Proposal		IATA iFLEX Proposal							
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status		ANP Status		Action Taken/Required		Deadline for each Action
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
Flight Level Band:										
Potential City Pairs:										
Conclusions/Remarks								Last updated		ARN TF/4 May 2011

A-97



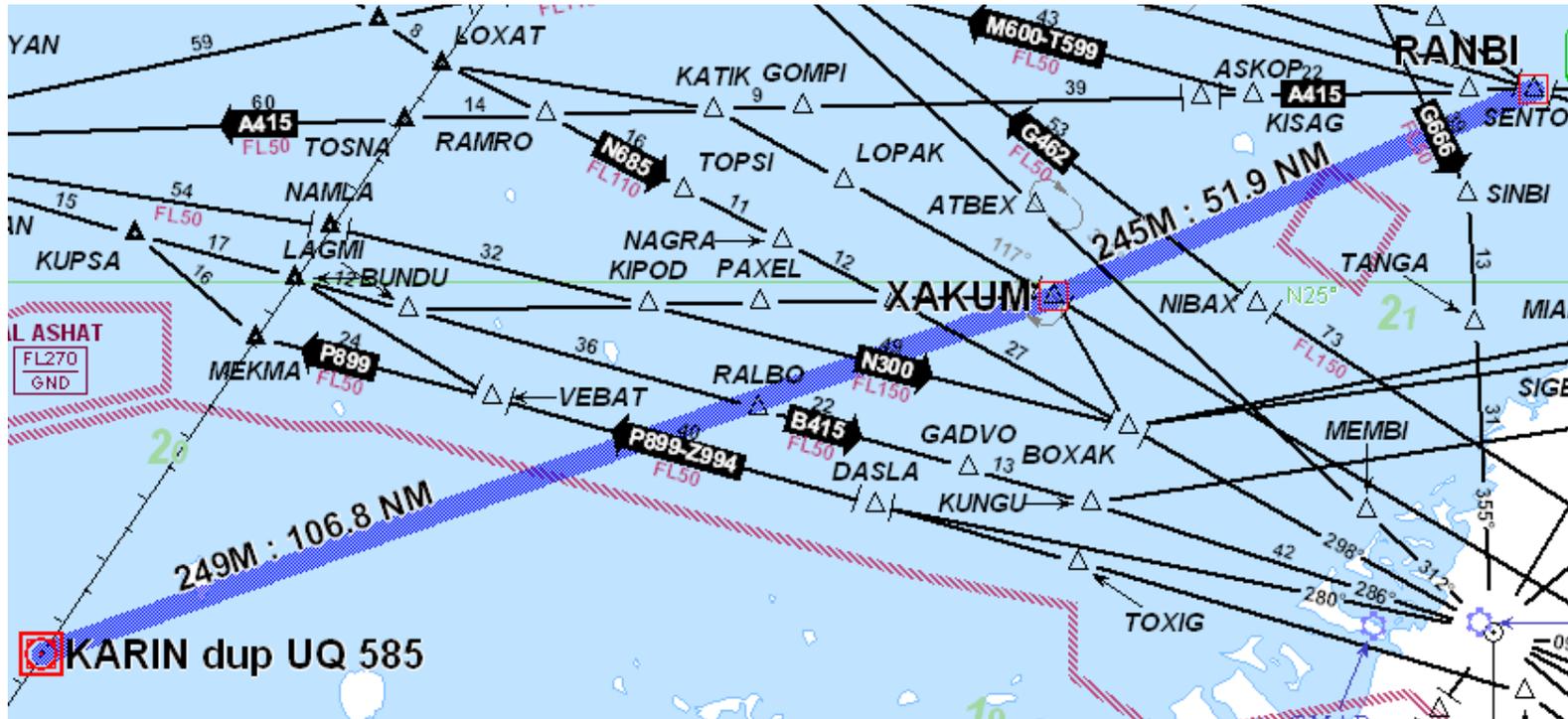
MID/RC - 092

ARN TF/6-WP/4
APPENDIX A

A-98

MID/RC-093	ATS Route Name: New Route UQ585; Westbound		Entry-Exit: RANBI - KARIN		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 Implementation date	Implementation Status		ANP Status		Action Taken/Required	Deadline for each Action
RANBI 251908N 0544500E XAKUM 245833N 0535222E KARIN 2422.7N 05201.6E		Bahrain UAE							- Note Point KARIN is duplicate 5LNC	TBD
Flight Level Band:										
Potential City Pairs:										
Conclusions/Remarks								Last updated	ARN TF/4 May 2011	

A-99



MID/RC - 093

ARN TF/6-WP/4
APPENDIX A

A-100

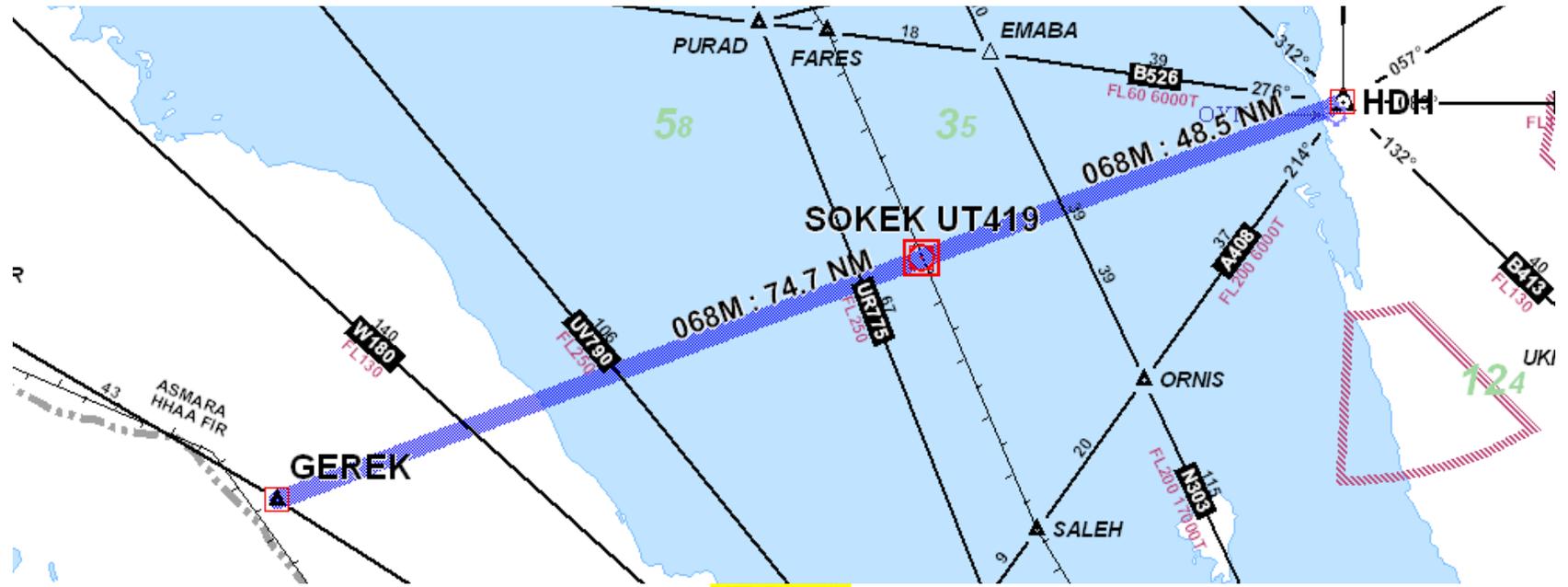
MID/RC-094	ATS Route Name: New Route proposed Eastbound	Entry-Exit: TOKAR - DESDI	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
							Date of Proposal	17 May 2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation 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	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	

ARN TF/6-WP/4
APPENDIX A

A-102

MID/RC-095	ATS Route Name: New Route UT419; Bidirectional		Entry-Exit: GEREK – HDT – A419		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
GEREK 140318N 0410000 E SOKEK 142932.45N 0421211.63E HDH		Yemen							- Needs to be coordinated with Yemen	TBD
Flight Level Band:										
Potential City Pairs:										
Conclusions/Remarks									Last updated	ARN TF/4 May 2011

A-103



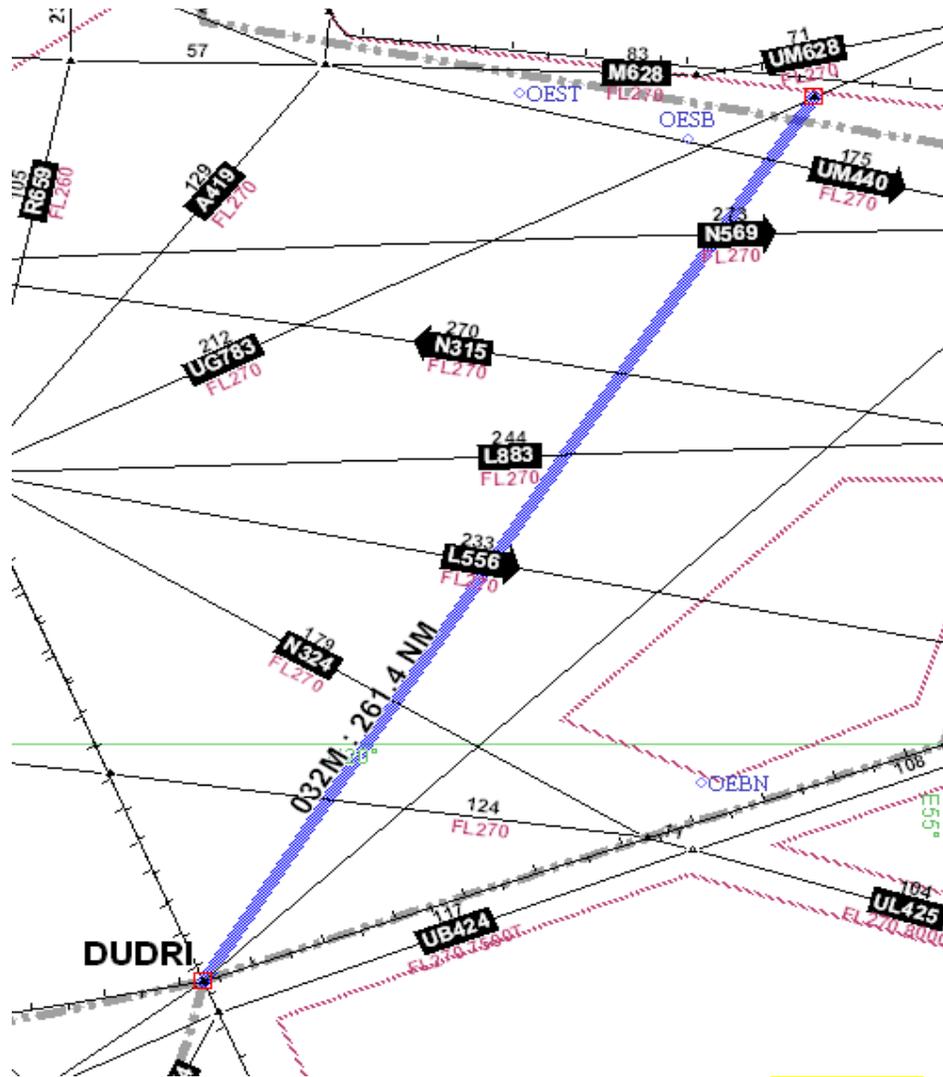
MID/RC - 095

ARN TF/6-WP/4
APPENDIX A

A-104

MID/RC-096	ATS Route Name: New Route UQ578; Bidirectional	Entry-Exit: DUDRI - TANSU	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	
DUDRI 190000N 0520000E TANSU 224136N 0542828E		Bahrain UAE				- Level Restriction FL300/320	TBD	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	

A-105



MID/RC - 096

ARN TF/6-WP/4
APPENDIX A

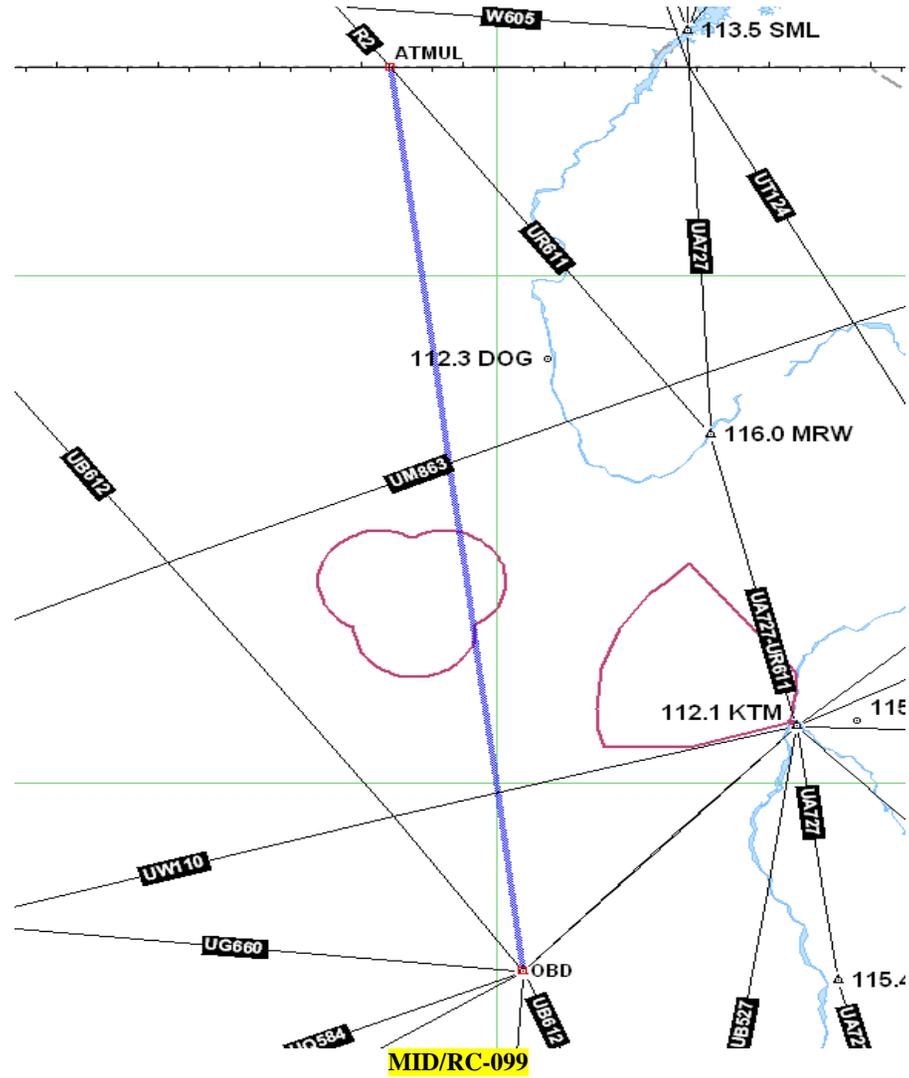
A-106

MID/RC-097	ATS Route Name: New Route A/UA974; Northbound	Entry-Exit: KANAR AMIBO	Inter-Regional Cross Reference if any		Users Priority High	Originator of Proposal	SCM Libya from IATA EUR	
						Date of Proposal		
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
KANAR 3227.0N 02654.0E		Egypt			Not in MID ANP in AFI ANP	Egypt Objected to ATS Route, however proposed segment DBA AMIBO		
		Libya						
AMIBO 3457.0N 02136.0E		Malta						
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/4 May 2011	

MID/RC-098	ATS Route Name: New Route CVO-W8-AST-W3-KHG- W601-OWT-R2-ATMUL- ASKOL	Entry-Exit: CVO - ASKOL	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			
CVO AST KHG OWT ATMUL ASKOL		Egypt Sudan				Not in MID ANP not in AFI ANP	Egypt agreed in principal to the re-designation of domestic ATS route W8 and W601 to an RNAV route designator and will confirm agreement after consultation with management Further coordination for the segments falling in Khartoum FIR would be required with ICAO Nairobi Office	TBD		
Flight Level Band:										
Potential City Pairs:										
Conclusions/Remarks							Last updated	ARN TF/5 February 2012		

MID/RC-099	ATS Route Name: New Route ATMUL-OBD		Entry-Exit: ATMUL-OBD	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
ATMUL OBD		Egypt Sudan				Not in MID ANP not in AFI ANP		ATS Route Segment from point ATMUL to OBD in the Khartoum FIR Further coordination for the segments falling in Khartoum FIR would be required with ICAO Nairobi Office	TBD
Flight Level Band:									
Potential City Pairs:									
Conclusions/Remarks								Last updated	ARN TF/5 February 2012

A-109



ARN TF/6-WP/4
APPENDIX A

A-110

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	

- END -