



International Civil Aviation Organization

MIDANPIRG ATM Sub-Group

Second Meeting (ATM SG/2)

(Cairo, Egypt, 30 November - 03 December 2015)

Agenda Item 4: MID Region ATS Route Network

CONTINGENCY COORDINATION TEAM (CCT) -ATS ROUTE PREFERENCE

(Presented by IATA)

SUMMARY

This paper addresses the current issues pertaining to ATS Routes that need an urgent action from concerned States in order to achieve and maintain an efficient route network in the MID Region in light of the ever increasing air traffic. In addition the paper identifies a list of routes considered of high priority for implementation within the MID Region.

Action by the meeting is at paragraph 3.

REFERENCES

- MID Route Catalogue

1. INTRODUCTION

1.1 The Airline Avoidance of certain FIRs and defined areas of airspace blocks to include the restructuring of the Jeddah/Bahrain FIR. Due to ever increasing in volume of traffic and cost of flight operations; and improvement of flight efficiency within the MID Region; further developments and improvements in ATS route network are required.

2. DISCUSSION

2.1 IATA would like to thank ICAO and States for their work and CDM process as to assist airlines in managing traffic flow disruption due to airspace avoidance for establishing MID-CCT (Contingency Coordination Team).

2.2 The Resulting airspace avoidance has highlighted the need for the MID-ATS route network development to provide airlines and ATC the ability to maximize efficiency and increase capacity during normal and non-normal operations.

2.3 The use of "T" routes during contingency operations is much appreciated by the airlines and would like to see these routings to be kept in place as published routes that can be utilized during normal operations.

2.4 In addition to the "T" routes, IATA has been working closely with its members and stakeholders to identify area of improvements in the present ATS Route network within the MID Region.

2.5 IATA would like to suggest to the meeting to accord high priority to the following routes for implementation, due to the considerable benefits in terms of flight efficiency as at **Appendix A**:

- a) Route reference RC-002
- b) Route reference RC-035
- c) Route reference RC-044
- d) Route reference RC-045
- e) Route reference RC-046
- f) Route reference RC-047
- g) Route reference RC-053
- h) Route reference RC-055
- i) Route reference RC-056
- j) Route reference RC-057
- k) Route reference RC-058
- l) Route reference RC-059
- m) Route reference RC-070
- n) Route reference RC-081
- o) Route reference RC-082
- p) Route reference RC-083
- q) Route reference RC-084

2.6 IATA is willing to cooperate and conduct a series of bilateral engagement meetings with all concerned including the military and States' ANSP with the aim of accelerating the implementation process of above proposed routes. Operators are willing to assist with route studies with ANSP's that wants to test feasibility of a new route prior to implantation.

G202 ATS Route

2.7 The meeting may recall that during the planning process for implementation of RVSM in Bagdad FIR, the question of opening the East-West route G202 through Bagdad FIR for over flying traffic was raised; it was highlighted that the priority should be given to the implementation of RVSM and after a period of six months when Iraqi gains enough experience in RVSM operations; the East-West route will be opened to overflying traffic bound to Tehran FIR and beyond.

2.8 Recent attempts by some operators to flight plan route G202 through Bagdad and Tehran FIRs were rejected by the authorities, the reason being that this route is used only for Iranian, Iraqi and Syrian airlines and other flights have to use another routes either via Turkey or Kuwait.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

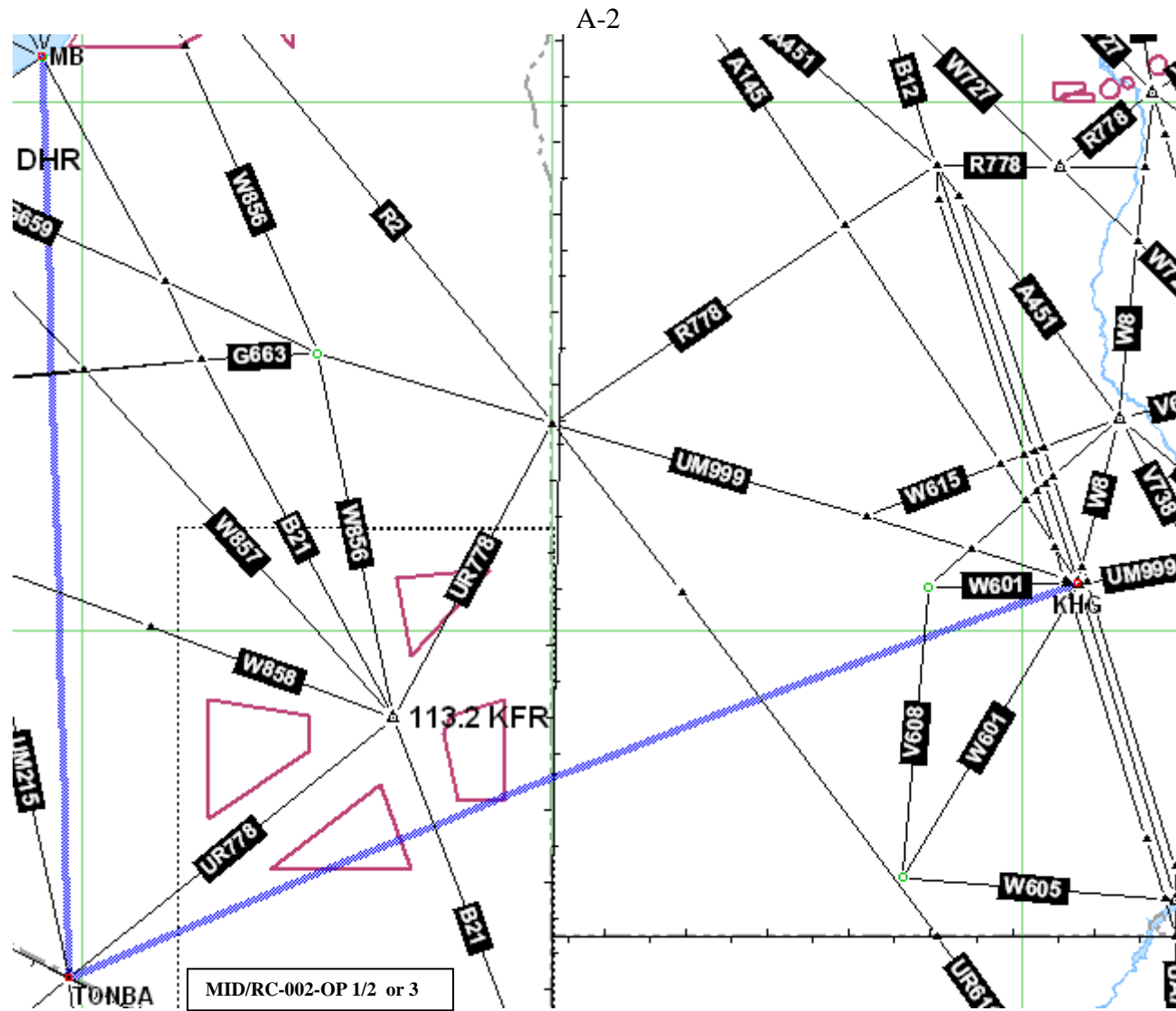
- a) note the information contained in this Working Paper;
- b) consider implementation of the routes in 2.5 above; and
- c) States to consider G202 a priority for implementation.

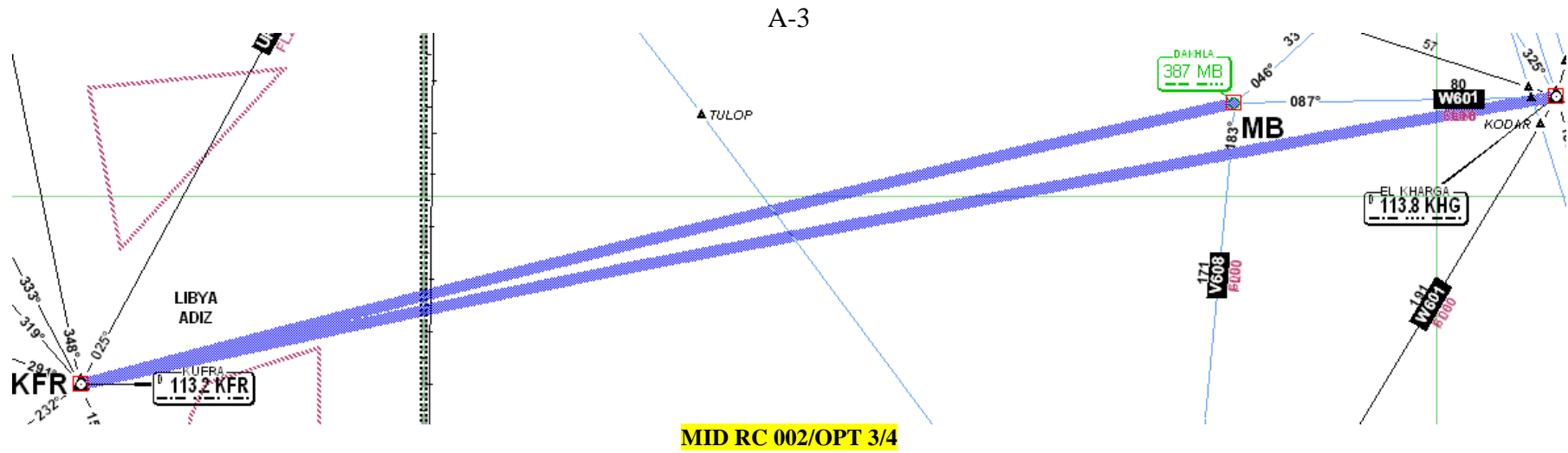
APPENDIX A

MID ATS ROUTES CATALOGUE

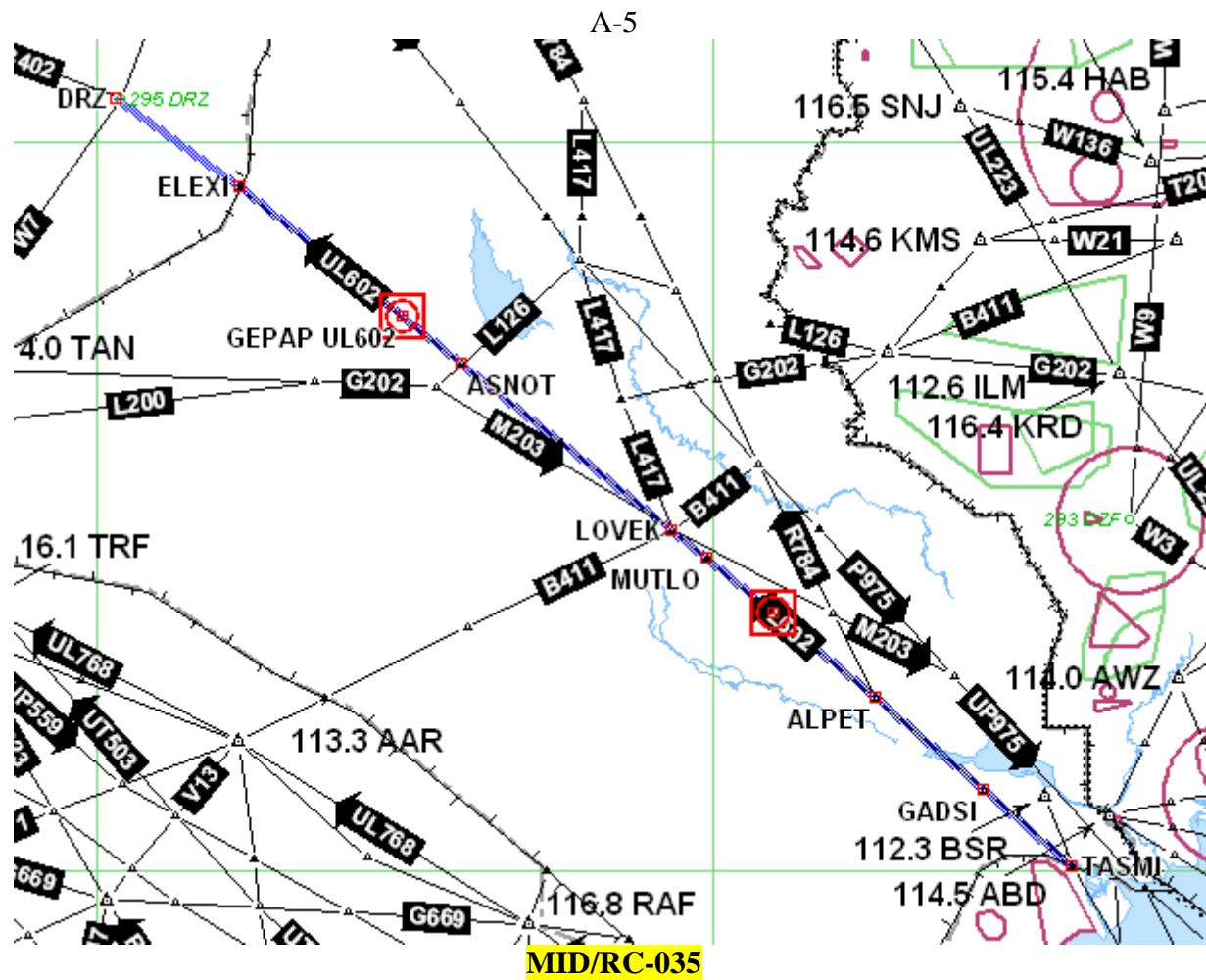
MID/RC-002 (Option 1, 2, 3 and 4)	ATS Route Name:	Entry-Exit:	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
	New AWY Proposed between TONBA-KHG and KFR to MB (Dakhla) Or KHG	TONBA to KHG (Dakhla) Libya to Egypt FIR					Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
(Option 1) TONBA (N2135.3 E01951.2) KHG (N2526.9 E03035.4) (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 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							Last updated	ARN TF/6 April 2013

ATM SG/2-WP/9
APPENDIX A





MID/RC-035	ATS Route Name: UL602	Entry-Exit: TASMI - ELEXI	Inter-Rgional Cross Reference if any	TOP TEN	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 047550E 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 DRZ 351724N 0401124E		Iraq Syria		Entire route Westbound	Suspended in the Damascus FIR	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 Iraq is ready to implement the route		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	ATM/AIM/SAR SG/13 SEP 2013	



MID/RC-044	ATS Route Name: New Route	Entry-Exit:	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
		LOSUL-ALNAT					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 No change Implement if possible Priority Routes		
Flight Level Band:								
Potential City Pairs: DAAG, DTTA, GMMN, HLLT, DTTA to OBBI, OMAA, OMDB, OTBD (Central and Eastern Arabian Peninsula to Maghreb area)								
Conclusions/Remarks		Saving 104 miles, 5051 Kg Co2 per flight.			Last updated		ARN TF/6 April 2013	

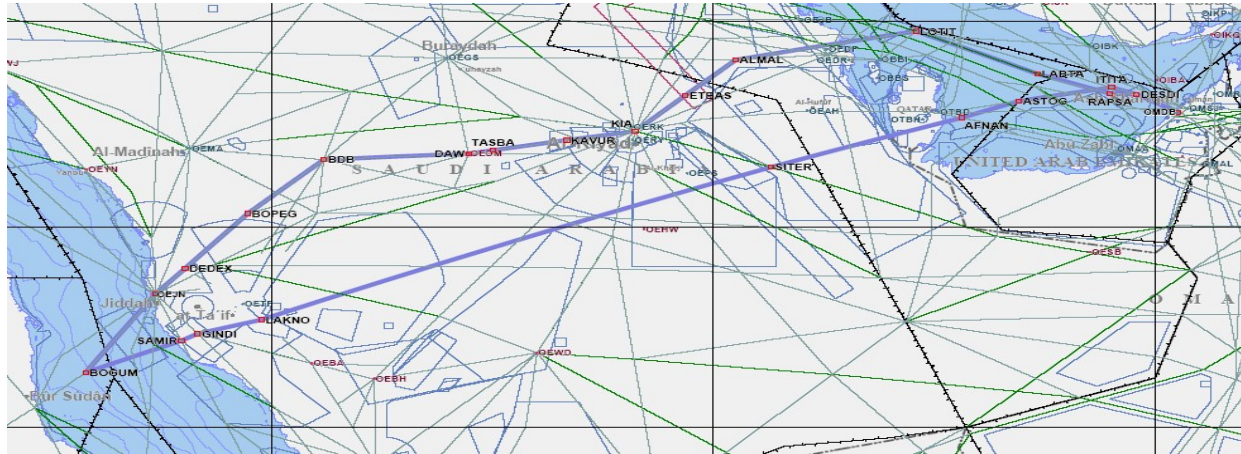
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MID/RC-044

MID/RC-045	ATS Route Name: New Route	Entry-Exit:	Inter-Regional Cross Reference if any	TOP TEN	Users Priority	Originator of Proposal	IATA
		BOGUM-ASTOG				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
Port Sudan (PSD) Al BAHA (BHA) KITAP		Bahrain, Qatar, Saudi Araiba, Sudan, United Arab Emirates				Implement if possible Priority Routes	
Flight Level Band:						Sudan no objection from Port Sudan to SALWA (CDR)	
Potential City Pairs: DGAA, DNMM, HSSS, OEJN, SBGR to OBBI, OMAA, OMDB, OTBD (Central and Eastern Arabian Peninsula to Sudan, West Africa, South America)						UAE Comments required KSA suggest Port Sudan BHA-KITAP (Normal route) will avoid CDR	
Conclusions/Remarks		Saves 58 miles and 3196 Kg of CO2			Last updated	ATM/AIM/SAR SG/13 SEP 2013	

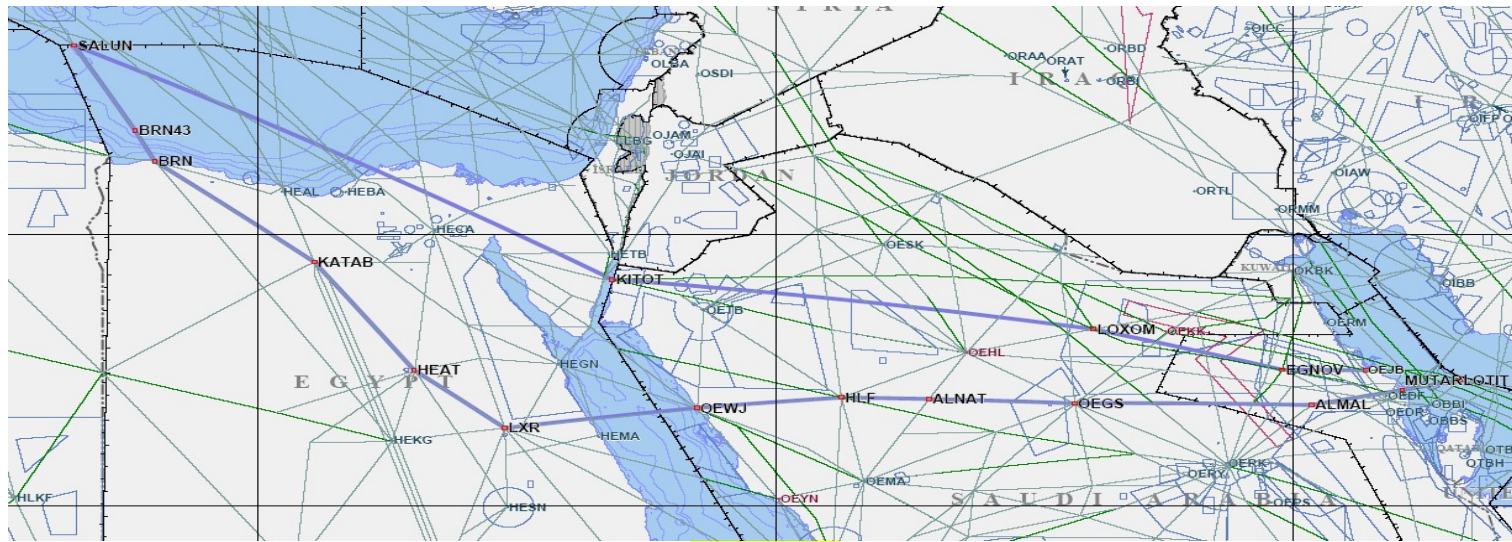
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MD/RC-045

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 Bahrain, Egypt, Saudi Arabia	Expected Implementation date	Implementation Status		ANP Status		Action Taken / Required	
								Deadline for each Action	
Flight Level Band:								IATA to provide further details	
Potential City Pairs: DAAG, DTTA, GMMN, HECA, LIRF, LFMN to OBBI, OMAA, OMDB, OTBD (Eastern Arabian Peninsula to Egypt, Maghreb and Mediterranean areas)								Implement if possible Priority Routes	
Conclusions/Remarks		Saves 275 miles and 8267 kg of CO2 per flight						Last updated	ARN TF/6 April 2013

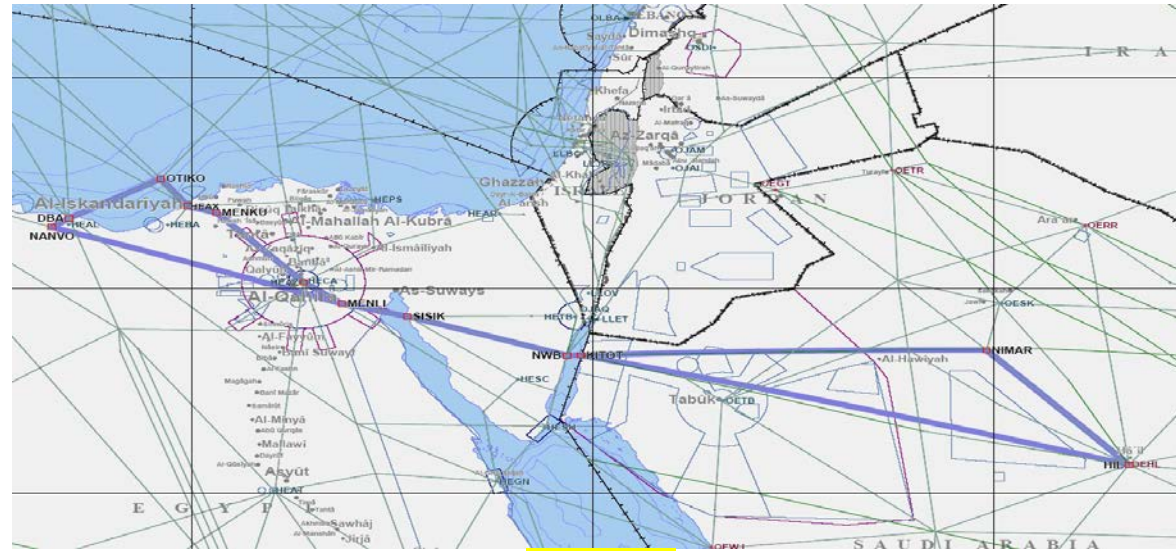
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MID/RC-046

MID/RC-047	ATS Route Name: New Route	Entry-Exit:	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
		HIL-NANVO					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				IATA to provide further details Implement if possible Priority Routes		
Flight Level Band:								
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/6 April 2013	

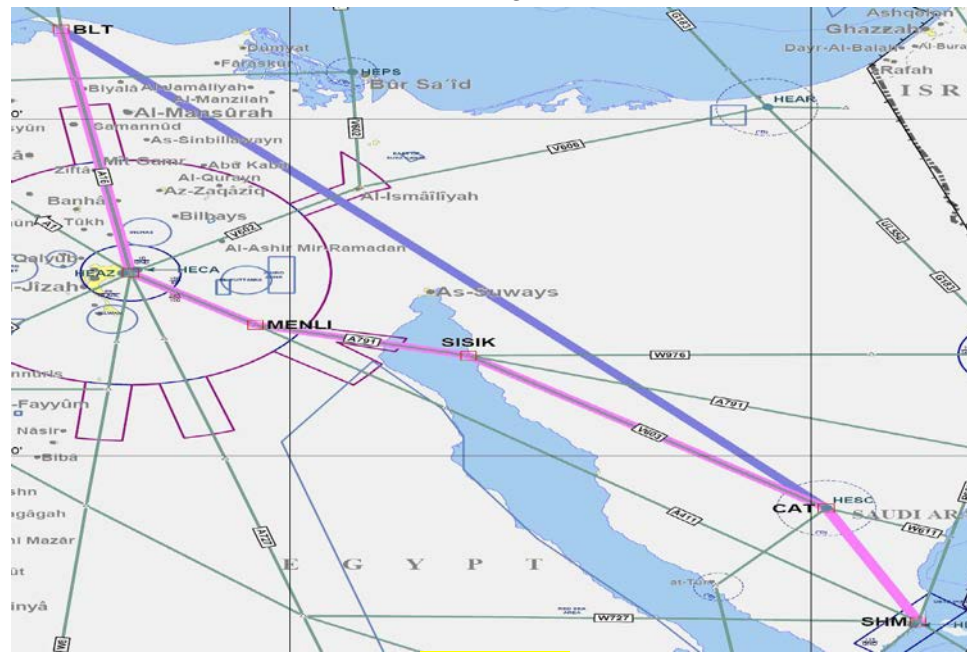
A-13



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 Implementation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
		Egypt				Possible Night rules by IAC Also to be provided to RMA Penetrates military airspace. No change		
Flight Level Band: Upper								
Potential City Pairs: Arabian Peninsula to Europe								
Conclusions/Remarks	Saves 24 miles / Flt					Last updated	ARN TF/6 April 2013	

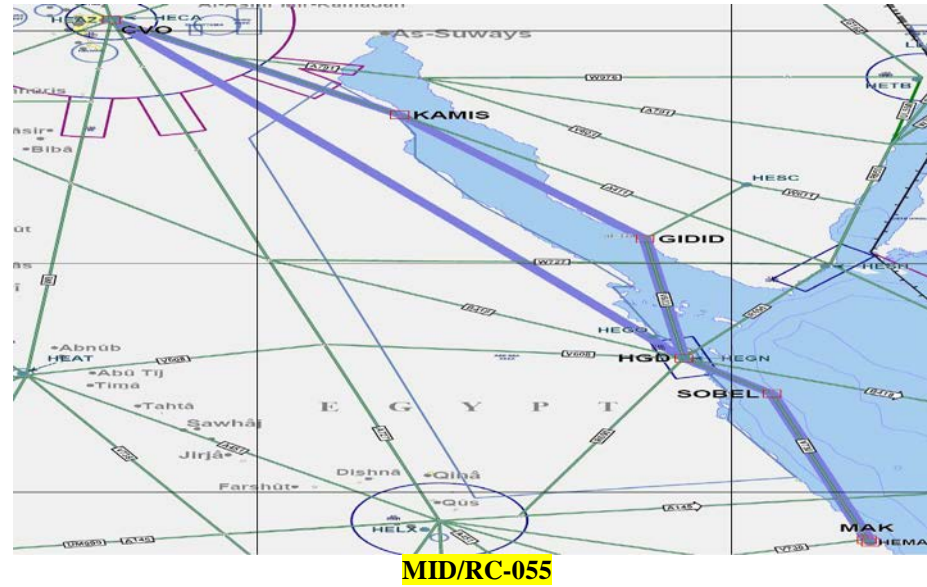
A-15



MID/RC-053

MID/RC-055	ATS Route Name: New Route L315	Entry-Exit: HEMA-CVO	Inter-Regional Cross Reference if any	TOP TEN	Users Priority	Originator of Proposal	IATA
							Date of Proposal
Route Description MAK-CVO		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action
CVO HGD GIBAL		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 <i>Opposite direction</i>	
Flight Level Band: Upper							
Potential City Pairs: Northwestern Red Sea to HECA and Europe							
Conclusions/Remarks		Saves 9 miles				Last updated	ATM/AIM/SAR SG/13 SEP 2013

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MID/RC-056	ATS Route Name: New Route	Entry-Exit: HEMA-SHM	Inter-Regional Cross Reference if any	TOP TEN	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	ATM/AIM/SAR SG/13 SEP 2013

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MID/RC-056

MID/RC-057	ATS Route Name: New Route	Entry-Exit: KHATAB-SEMRU	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
							Date of Proposal	ARN TF/2
Route Description KATAB-SEMRU		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
		Egypt				IATA to provide further details Ongoing tourist flights		
Flight Level Band: Upper								
Potential City Pairs: Arabian Peninsula to North Africa								
Conclusions/Remarks		Saves 11 Miles				Last updated	ARN TF/6 April 2013	

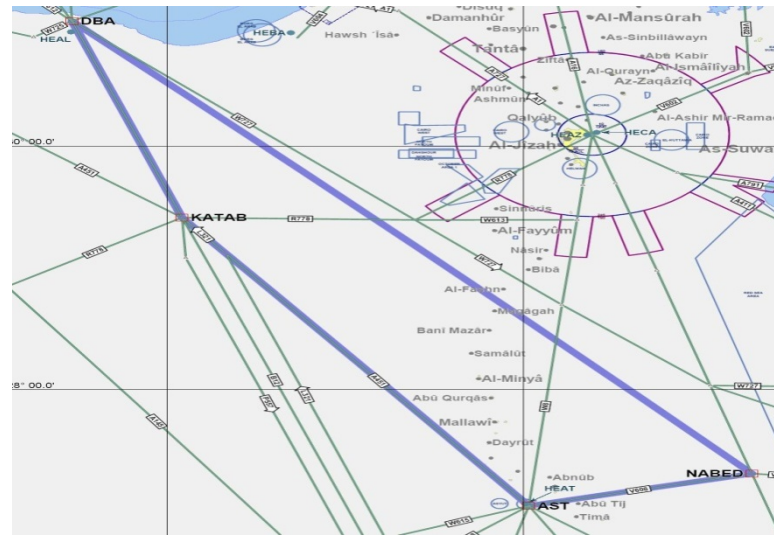
A-21



MID/RC-057

MID/RC-058	ATS Route Name: New Route	Entry-Exit:	Inter-Regional Cross Reference if any		Users Priority		Originator of Proposal	IATA
		NADEB-DBA					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	
		Egypt				IATA to provide further details Not feasible Implement if possible Priority Routes		
Flight Level Band: Upper								
Potential City Pairs: Arabian Peninsula to Europe								
Conclusions/Remarks		Saves 47 Miles				Last updated	ARN TF/6 April 2013	

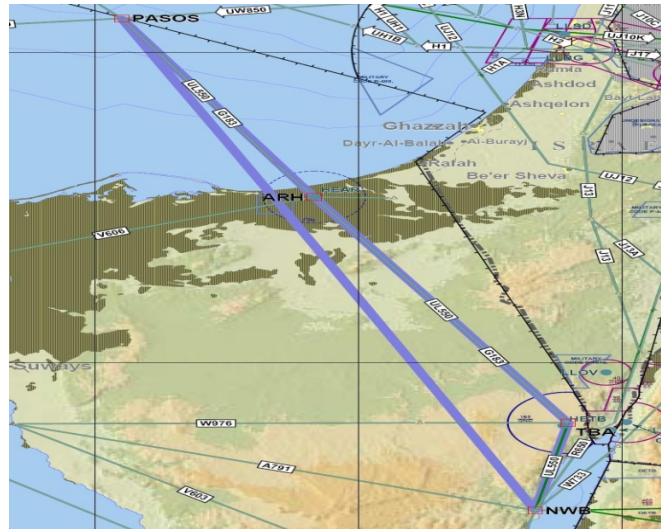
A-23



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/6 April 2013	

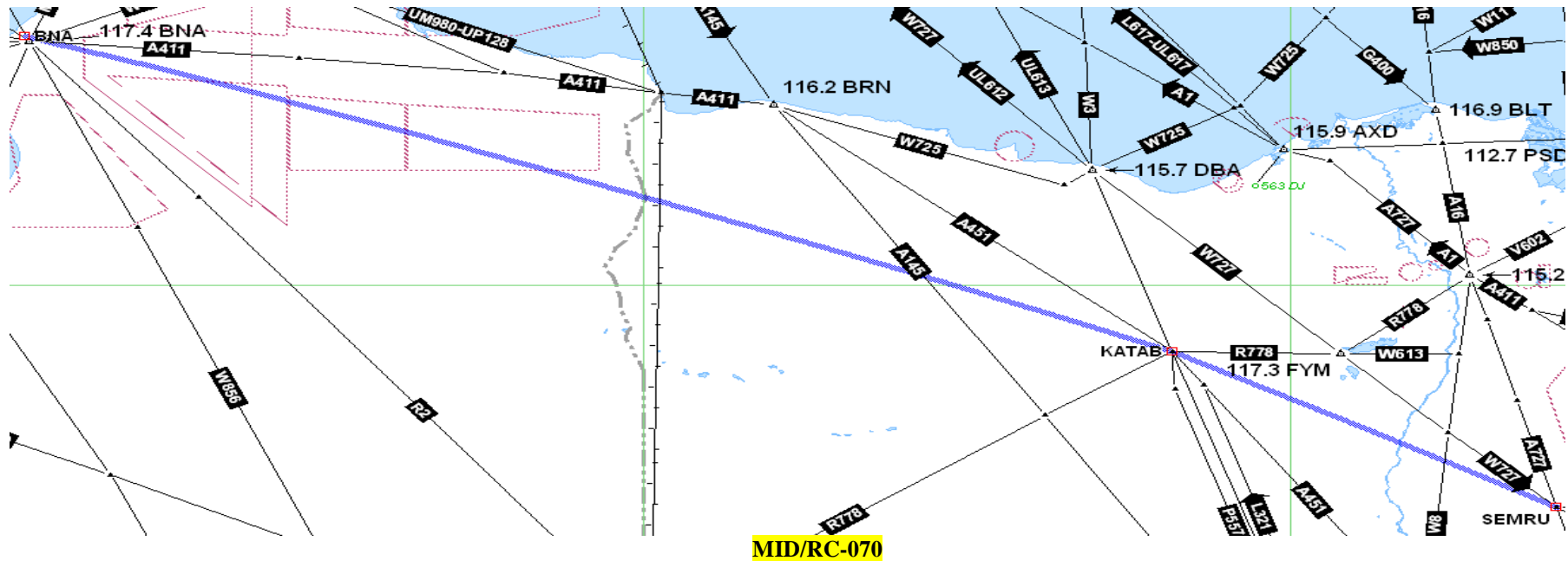
A-25



MID/RC-059

MID/RC-070	ATS Route Name: New Route	Entry-Exit: BNA-KATAB- SEMURU	Inter-Regional Cross Reference if any	TOP TEN	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
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	
Flight Level Band: FL290 – FL410								
Potential City Pairs: CMN/ALG/TUN/TIP-DOH								
Conclusions/Remarks	This AWY would save considerable track miles BNA – KATAB – SEMURU Libya FIR to Egypt FIR						Last updated	ATM/AIM/SAR SG/13 SEP 2013

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MID/RC-070

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

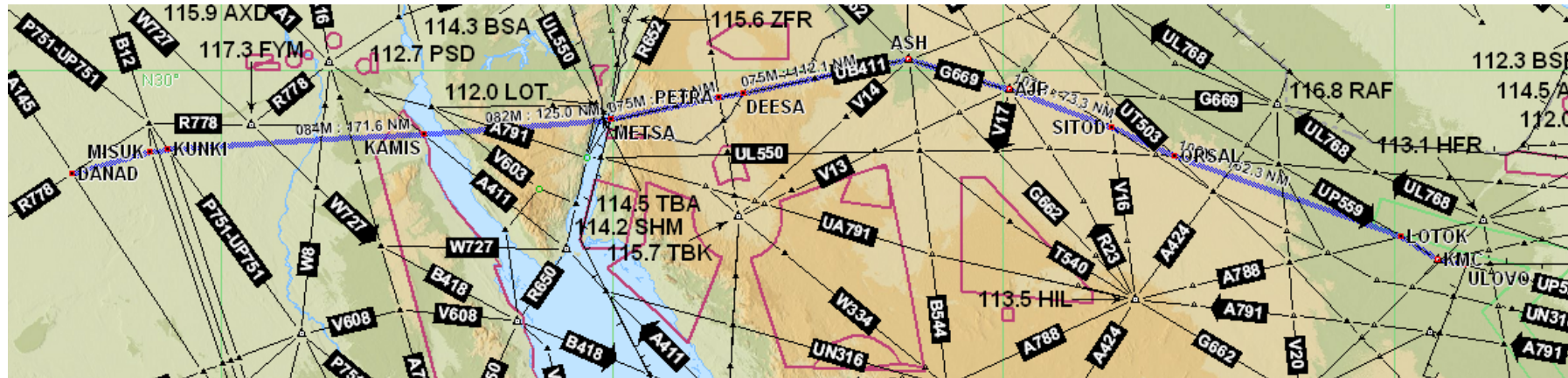
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action
SEB HORUJ DAYFA DANAD IMRAD ALMAL		Libya Egypt Saudi Arabia			Not in the ANP	- Needs to be discussed with Libya - Needs to be discussed with Egypt - Needs to 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/6 April 2013	

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MID/RC-081

MID/RC-082	ATS Route Name: New Route UQ597 Eastbound	Entry-Exit: DANAD - METSA - ASH - ULOVO	Inter-Regional Cross Reference if any	TOP TEN	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 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. KSA suggest DEESA -LOXOM- JBL In Egypt to follow the current route network	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	ATM/AIM/SAR SG/13 SEP 2013	



MID/RC-082

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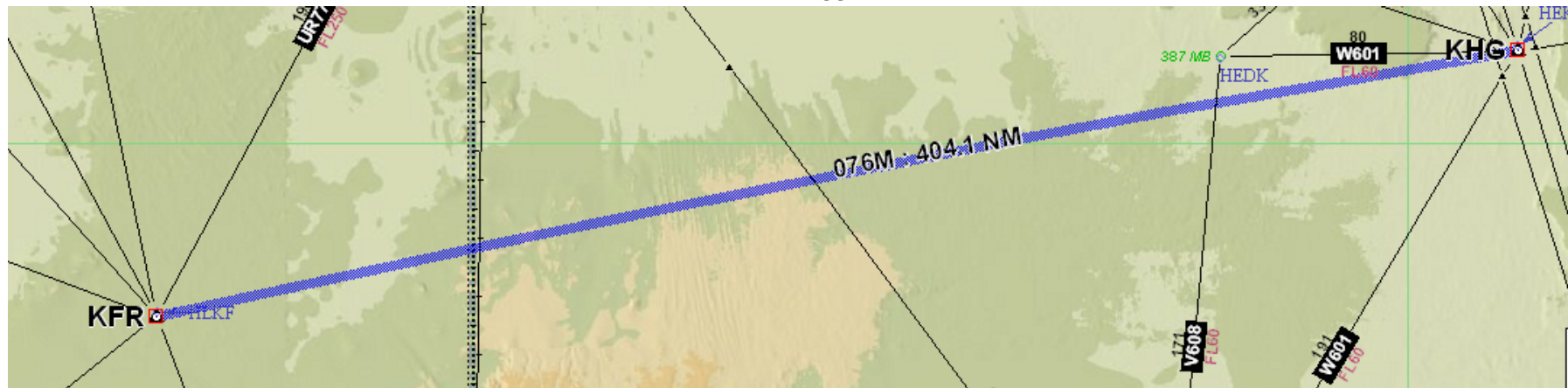
MID/RC-083	ATS Route Name: New Route UQ598 Westbound	Entry-Exit: DITAR – NABED – PASAM – HIL - ANTER - KUTEM	Inter-Regional Cross Reference if any	TOP TEN	Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
							Date of Proposal	17 May 2011
Route Description		States Concerned	Expected Implemen- 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				Important Segment HGD-PASAM	TBD	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ATM/AIM/SAR SG/13 SEP 2013	



MID/RC-083

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
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/6 April 2013

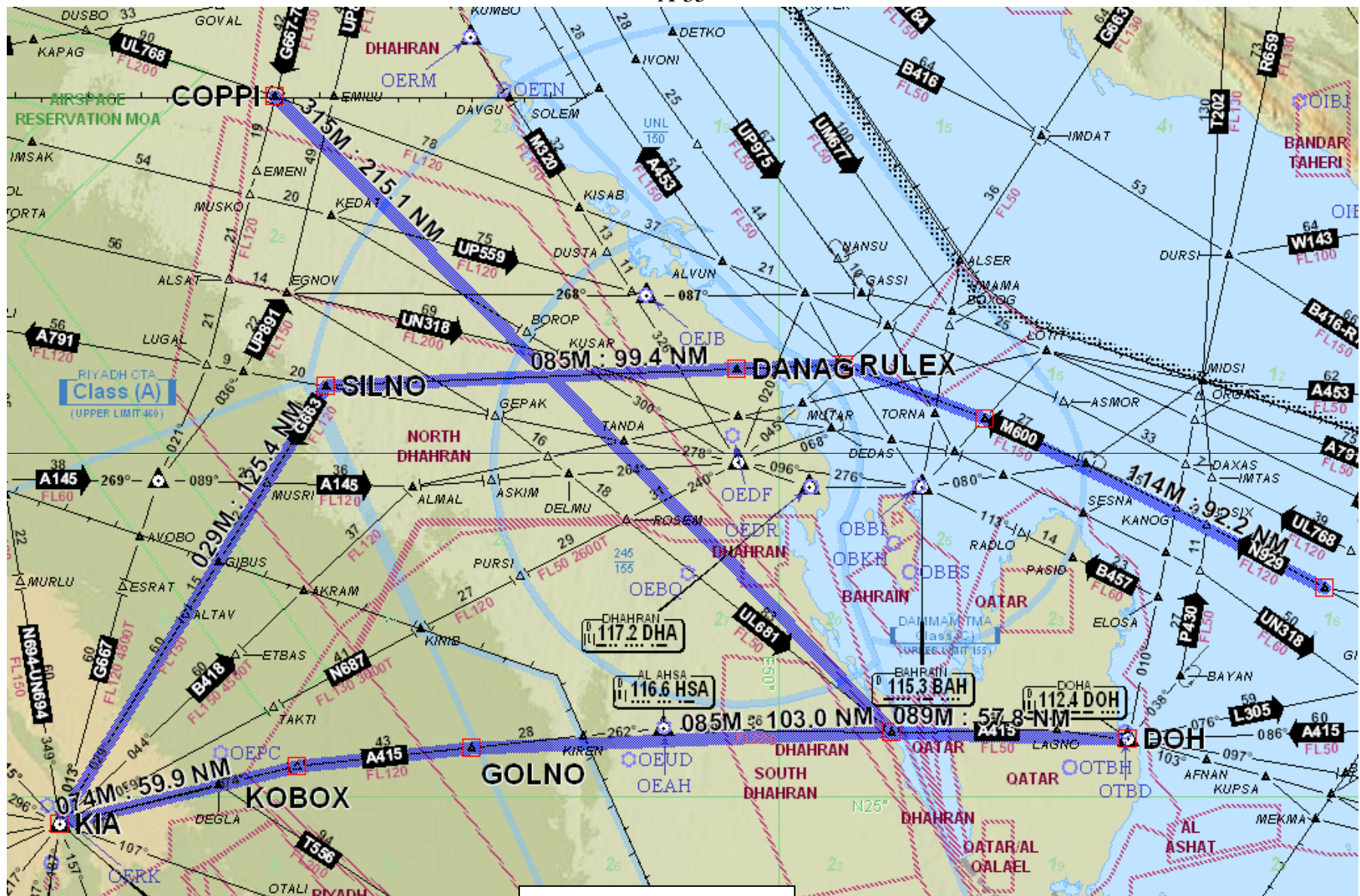
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MID/RC-084

MID/RC-001 <i>(Option-1)</i>	ATS Route Name: New AWY between SALWA-COPPI	Entry-Exit: SALWA-COPPI	Inter-Regional Cross-Reference if any		Users Priority	High URGENT	Originator of Proposal	IATA
MID/RC-051	A415	DOH-KIA					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. — Pending Saudi Arabia response Secretariat will make Amendment Proposal. — Re-submitted by Bahrain with indication of safety priority need. — Saudi Arabia to investigate a timed route option. 	As soon as practical	
Flight Level Band: FL200—FL410						<ul style="list-style-type: none"> — Still timed out route Same as RC 001 Whatever is related to A415 should be combined 		
Potential City Pairs: DOH to Western Europe/USA DOH to BEY, DAM, AMM DOH to North Africa OMAA to GMMN, HECA, HSSS, OEJN, OERK						Still on		
Conclusions/Remarks		Saving 88 miles, 10 daily flts, 34650 Kg of CO2 Daily				Last updated	ARN-TF/6 April 2013	

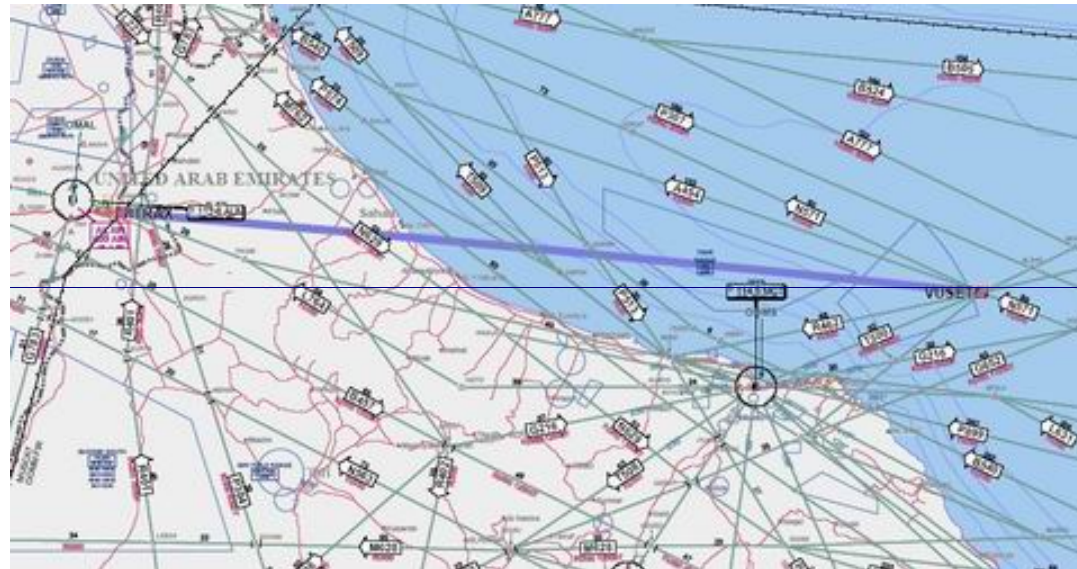
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MID/RC-001-OP1 MID/RC-051

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 TE/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 Differed for the future Similar to RC-013 No change	TBD	
Flight Level Band: FL290—FL410								
Potential City Pairs: SGN, PEK, HKG, PVG, DEL, AMD, KHI, KIX, DAC, KTM—Doha								
Conclusions/Remarks							Last updated	ARN TE/6 April 2013

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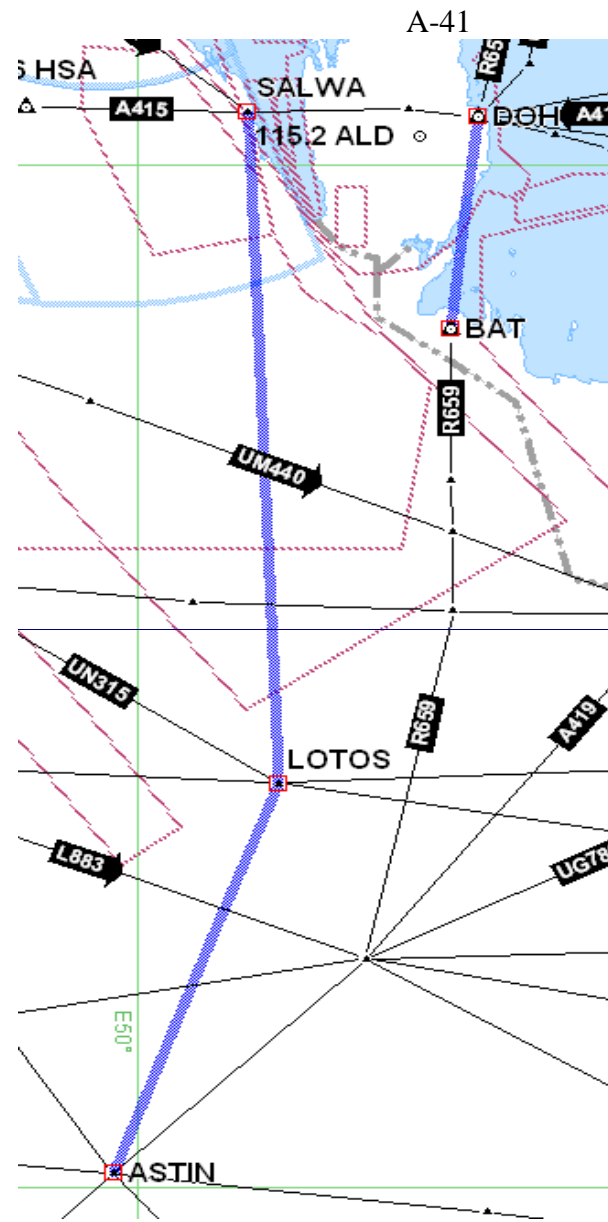
MID/RC-003

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			1.—Bahrain has no objection. 2.—Qatar can extend hours from 15:00 to 03:00 UTC provided Saudi Arabia concurs. Implemented as a timed-out route Keep as is in the route Catalogue	31-Oct-2008
Flight Level Band: GND—UNL								
Potential City Pairs: Doha—Western Europe/USA—Doha Doha—BEY, DAM, AMM—Doha Doha—North Africa dest.—Doha								
Conclusions/Remarks Urgent implementation necessary due rapidly building congestion in the Bahrain FIR							Last updated	ARN TF/6 April 2013

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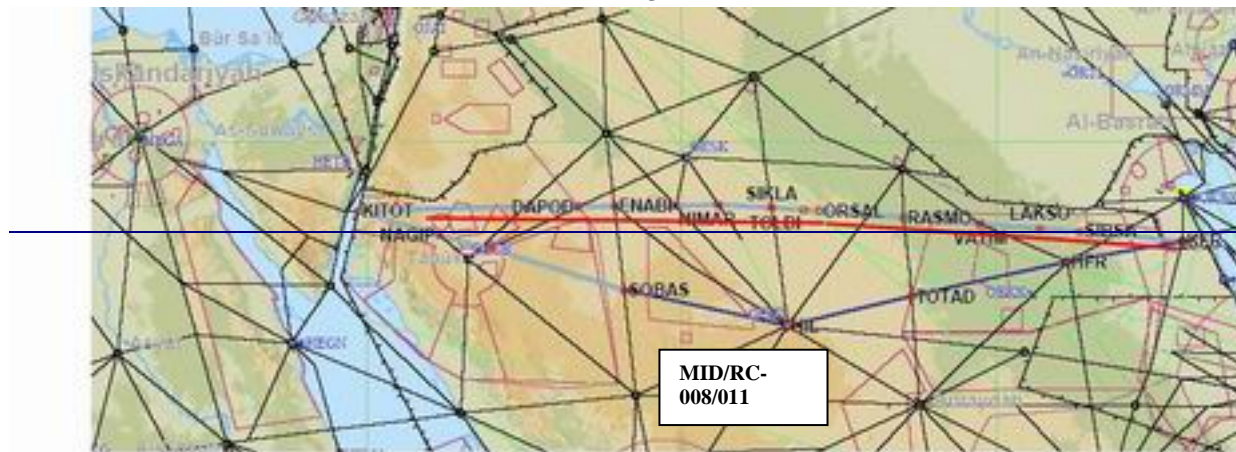
MID/RC-005 Op 2 MID/RC-049	ATS Route Name: New AWY between SALWA-LOTUS-ASTIN SALWA KIPOM-ASTIN DOH-BAT	Entry-Exit: SALWA-LOTUS- ASTIN DOH-BAT	Inter-Regional Cross-Reference if any		Users Priority	High	Originator of Proposal	IATA	
							Date of Proposal	ARN TF/1	
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status		ANP Status	Action Taken/Required	Deadline for each Action	
<p>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)</p> <p>Route Description A direct segment on an airway that was compensated for by a dog leg B415 BUNDU V997 BAT</p>		Bahrain Saudi Arabia Bahrain, Qatar, United Arab Emirates		New ATS route.			<p>3.— An alternate RNAVI route was proposed waiting for UAE response.</p> <p>4.— Provided R659 implemented between DOH and BAT and RC049</p> <p>5.— No change</p> <p>6.— MID RC-005 / MID RC-049; UAE requested that due military issue to remove this route</p> <p>7.— Doha will be addressed during the next meeting reference removing this route. Keep as is until Qatar is present for discussions</p> <p>IT Expected implementation September 2011 as a timed out route</p> <p>8.— Ref RC-005</p>	<p>Immediate</p> <p>Sept. 2008</p> <p>June. 2009</p>	
	Flight Level Band: FL180—FL410								
	Potential City Pairs: Doha—Eastern/ South Africa—Doha								
Conclusions/Remarks	Replacement proposal (Doha-Bundu-U997-R659). Approved for immediate implementation.						Last updated	ARN TF/6 April 2013	



MID/RC-005 and 049

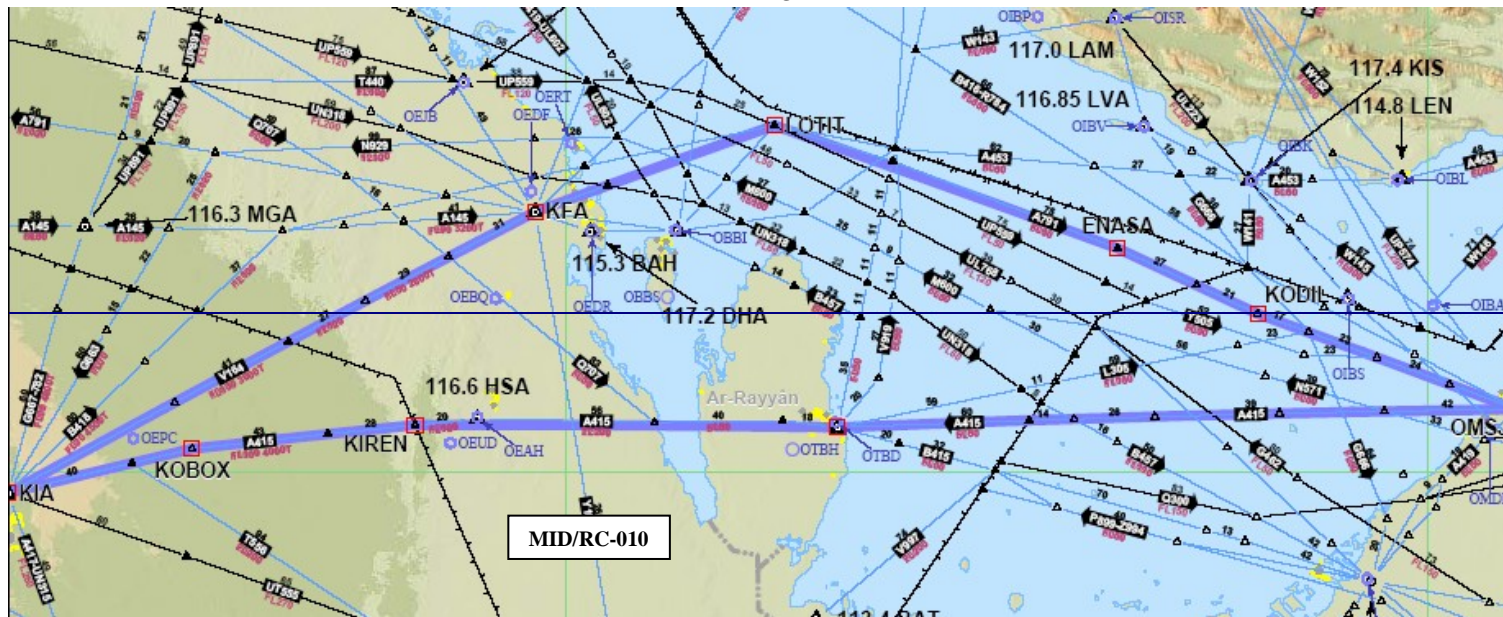
MID/RC-008-011	ATS Route Name: New Parallel AWY to UL 550	Entry-Exit: Parallel AWY to UL550	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
New Parallel AWY to UL 550		Egypt Saudi Arabia Iraq Kuwait		New ATS route.		9. Egypt will continue to study how to address issue of east bound traffic for reduced traffic (Egypt Air and Kuwait Airways).		
Flight Level Band: 6000ft TO FL 250						10. The Segment in Jeddah FIR is used bidirectionally already.		
Potential City Pairs: Cairo-Kuwait						11. Egypt will review the route feasibility on completing of the ACC sectorization process underway		
						12. Egypt restudy the route and to provide an update next ARN TF		
						13. No change		
						14. Can be deleted provided ATS Route A791 is implemented as Bi-directional.		
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/6 April 2013	

A-43



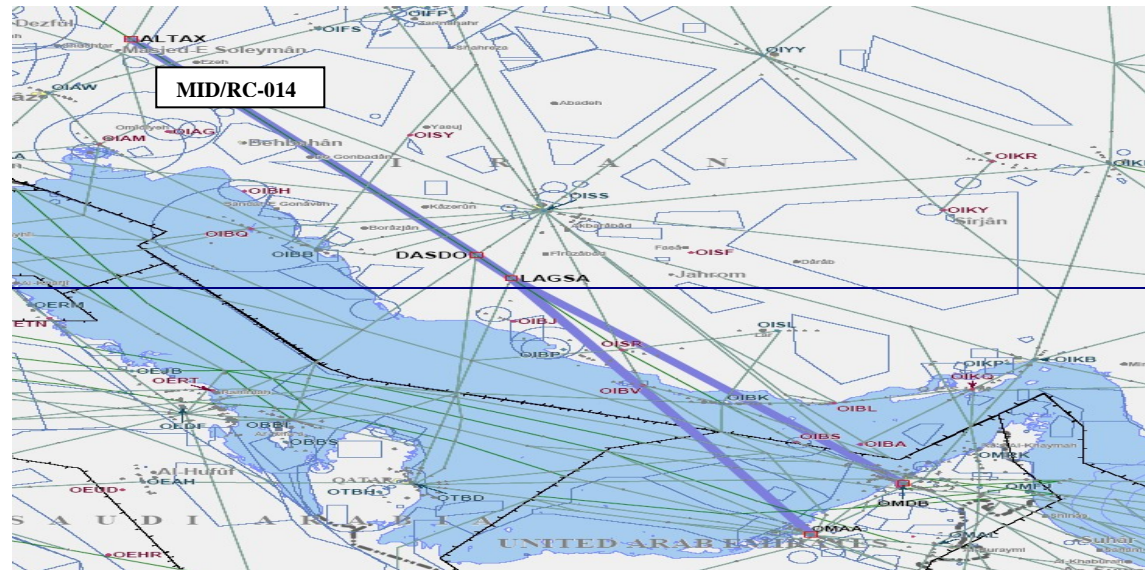
MID/RC-010	ATS Route Name: V164 N687	Entry-Exit:	Inter-Regional Cross-Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route-Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
V164 N687 King Khaled (KIA): King Fahd (KFA) change from uni-direction eastbound to bi-direction.		Bahrain <u>Qatar</u> Saudi Arabia				15. Bahrain has no objection for FL250 and below between KIA and KFA. 16. Not feasible at the moment 17. Differed for the future. 18. Saudi Arabia agrees. 19. Timed route 20. 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/6 April 2013

A-45



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				— Under consideration by Iran and UAE.	TBD	
Flight Level Band: Upper Airspace						States have no plan to implement.		
Potential City Pairs: UAE to Iran and beyond (unlimited)						21. Differed for the future.		
						22. Discussion going on		
						23. UAE requested to remove the route due to the complexity that will be created. Iran share UAE in this comment to remove the route		
Conclusions/Remarks						Last updated	ARN TF/6 April 2013	

A-47



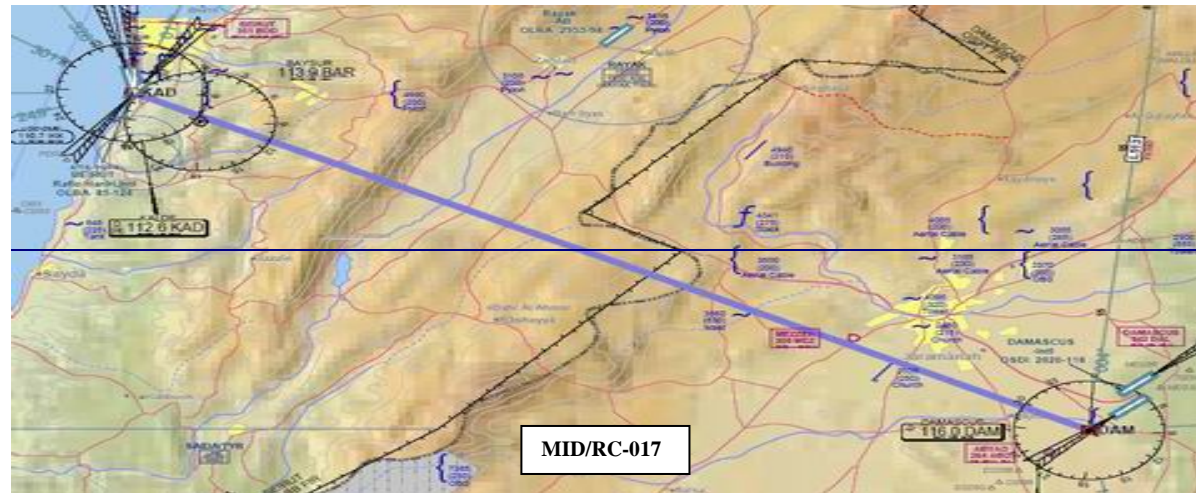
MID/RC-015	ATS Route Name: New airways between Sharjah and Tehran	Entry-Exit: LOPEG-DEBES	Inter-Regional Cross Reference if any:		Users Priority: High	Originator of Proposal: IATA	
							Date of Proposal: ARN TF/1
Route-Description		States Concerned	Expected Implementation date	Implementation Status	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. 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/6 April 2013

A-49



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.		<ul style="list-style-type: none"> — Syria will study the request and provide update after internal consultations. — ICAO MID Region to follow-up with SCAA. 	TBD	
Flight Level Band:						No updates		
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/6 April 2013

A-51



MID/RC-018	ATS Route Name:	Entry-Exit:	Inter-Regional Cross Reference if any:		Users Priority:	High	Originator of Proposal:	IATA
	New-Route	Route from Jordan to CAI via TBA-W976					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 Pending discussion between Egypt and Jordan Can be deleted provided DATOK — METSA be used as an alternative route 	TBD
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/6 April 2013

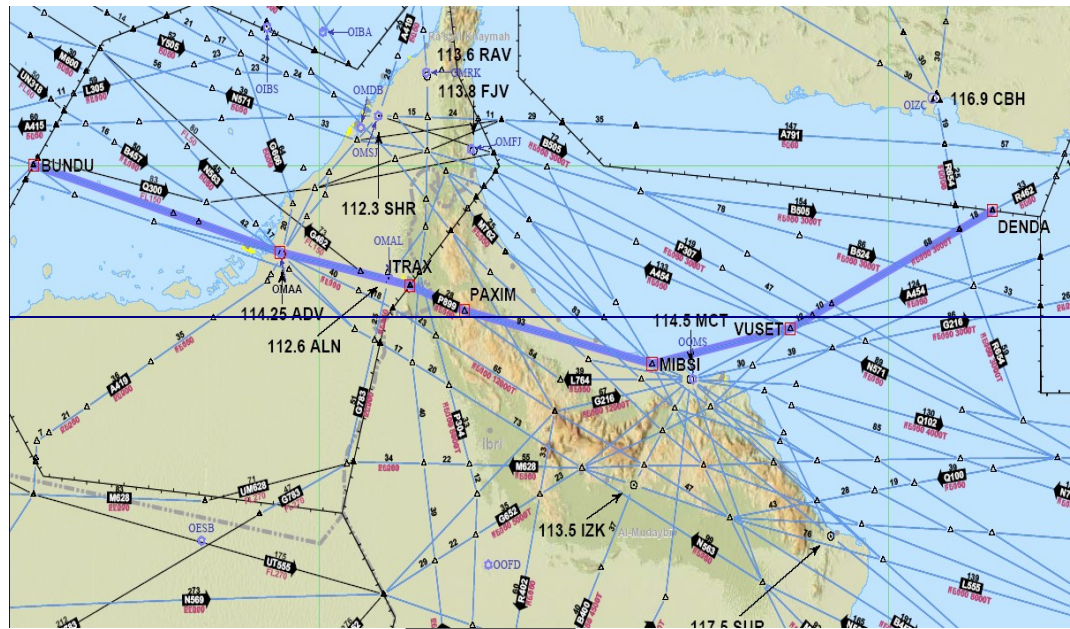
A-53



MID/RC-018

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						— UAE has no objection if Oman agrees. — ICAO will send proposal to Oman. Not feasible due to congestion (safety reasons) Differed for the future. UAE has no issues if Oman agrees; but stated that the exit point from UAE FIR to Doha must be through MEKMA.		
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/6 April 2013	

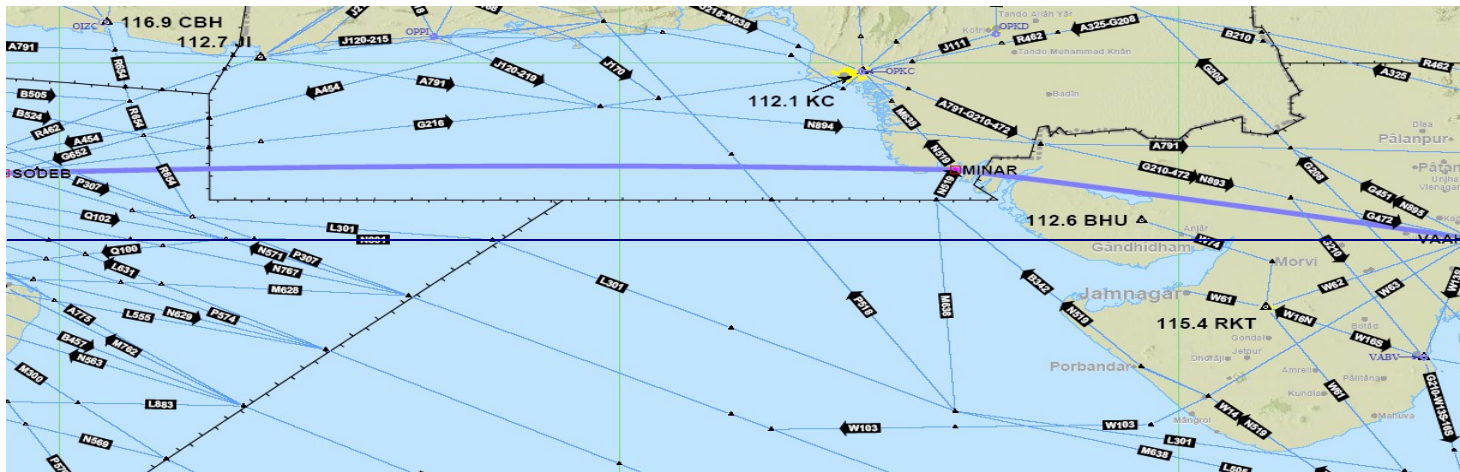
A-55



MID/RC-019

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. 24. Route was not supported by India. 25. Differed for the future. 	<p>Update October 2009. 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/6 April 2013	

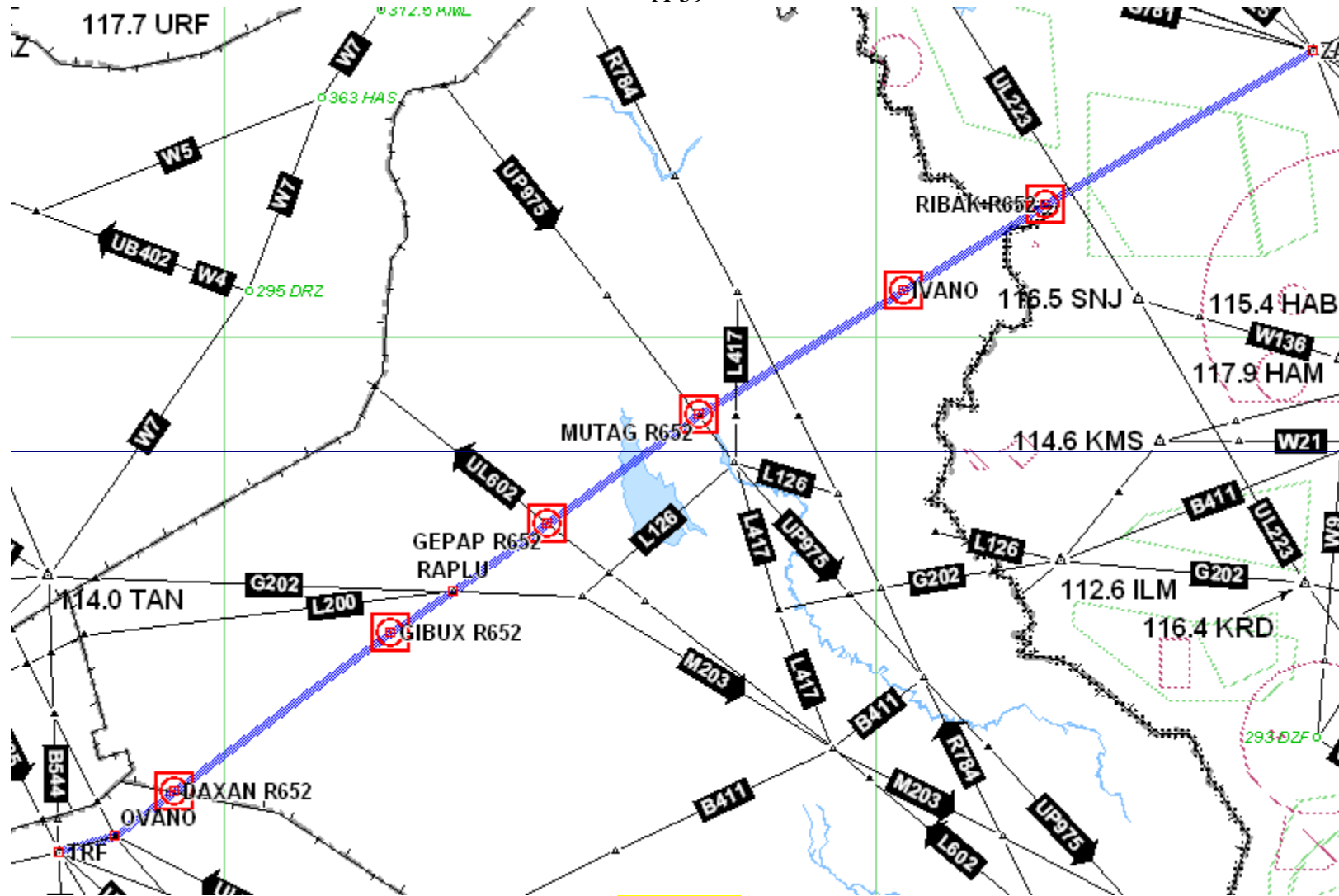
A-57



MID/RC-020

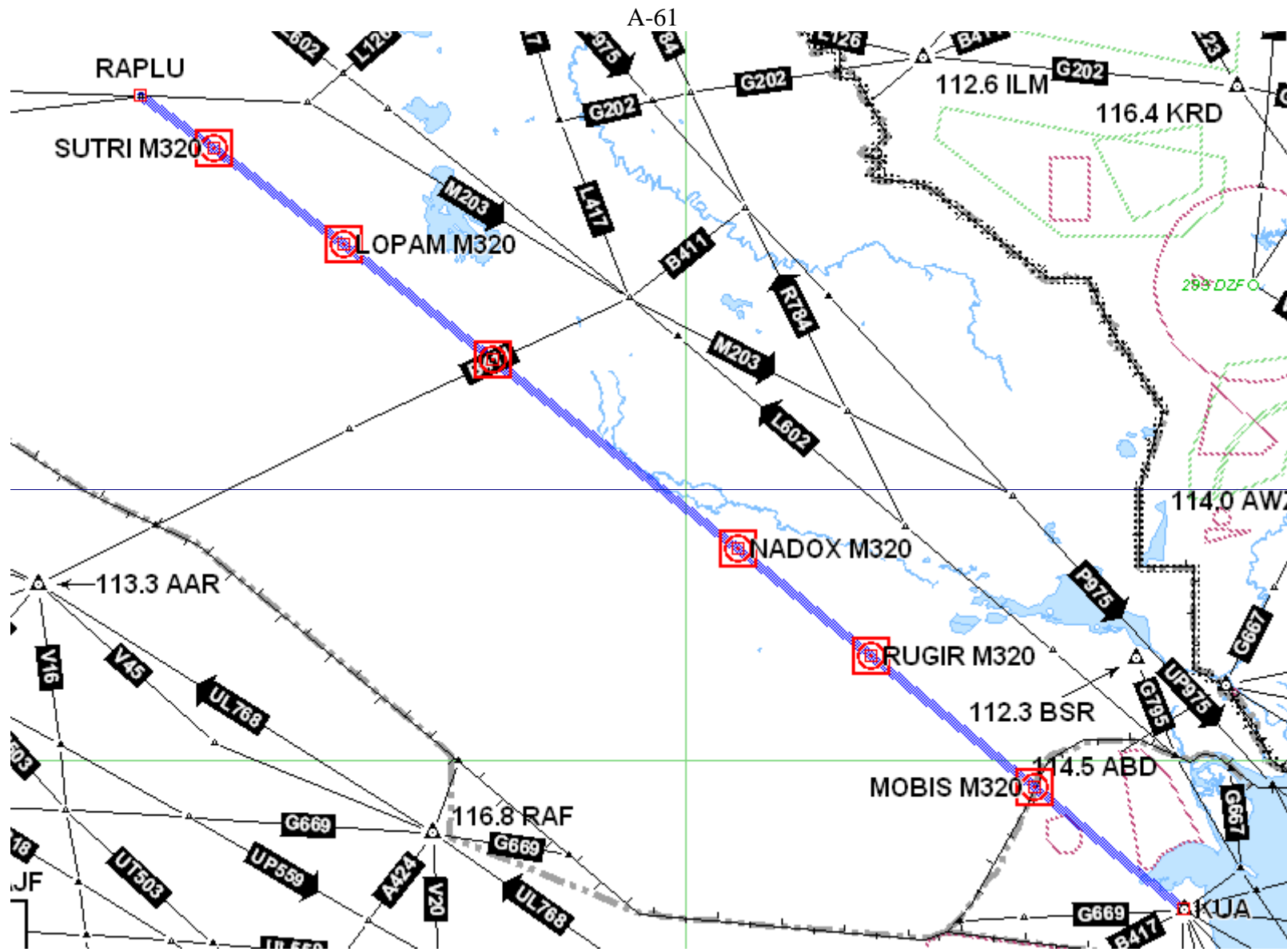
MID/RC-025	ATS Route Name: R652	Entry-Exit: METSА-ZAJ	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct 2009)
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action	
<p>METSА (2927.1N 03459.0E) QATRANEH (QTR) PARAM (3123.3N 3706.7E) GURAIT (GRY) TURAIH (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)</p>		<p>Saudi Arabia</p> <p>Iraq</p> <p>Iran</p>		<p>1. New Route in the Baghdad (FIR) Connecting with Zanjan (ZAJ).</p> <p>2. To Coordinate with Saudi Arabia to connect Airway from OVANO to DAXAN if acceptable.</p> <p>3. Coordinate with Iran to connect RIBAK to ZAJ if acceptable</p> <p>4. New Route in Baghdad (FIR).</p>	<p>Available in ATS.1 Table. Implemented in Saudi Arabia continuation of Route in Baghdad FIR and Iran</p>	<p>Points highlighted in yellow are new.</p> <p>1. Not supported by Jordan and Saudi Arabia</p> <p>2. Refer the ATS route to the MID/RMA for further studies and analysis of the passing frequency.</p> <p>3. ATS route R652 is in close proximity with ATS route UR785 and FIX (OTLA) that would cause traffic conflict.</p> <p>4. Saudi Arabia and Jordan do not approve for the extension of Route in Iraq suggested removal waiting for Iraq feed back</p> <p>5. Proposal was presented by Jordan to use R652 as a departure Route from Amman into Iraq;</p> <p>6. further discussion would be required between Jordan, Iraq and Saudi Arabia to finalize the proposal</p>	<p>TBD</p> <p>March 2010</p>	
Flight Level Band: FL200-FL410								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/6 April 2013

A-59



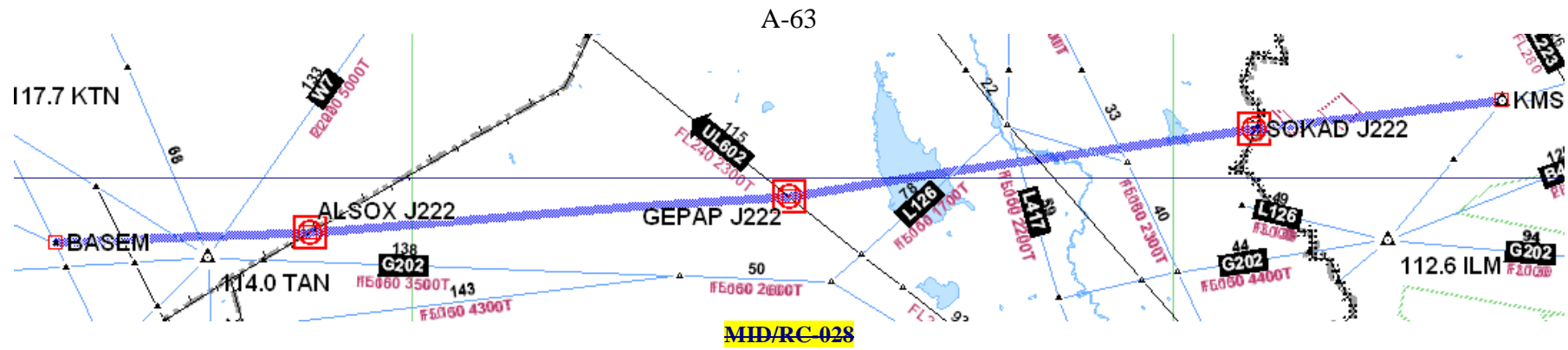
MID/RC-025

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. differed for the future		March 2010
Flight Level Band: FL200-FL410								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/6 April 2013

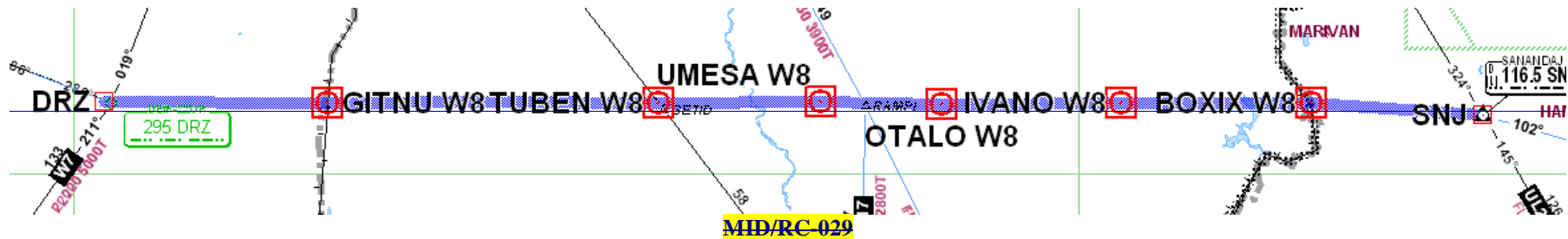


A-62
MID/RC-027

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		<ol style="list-style-type: none"> 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. 7. Not supported by Syria 8. ATS route J222 is in close proximity with ATS route UR785 that would cause traffic conflict 9. Iraq was asked to reconsider to join the ATS route with G202 and change the route designator. 10. Syria to review the proposal and will inform ICAO.	TBD	
Flight Level Band: FL200-FL410								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/6 April 2013



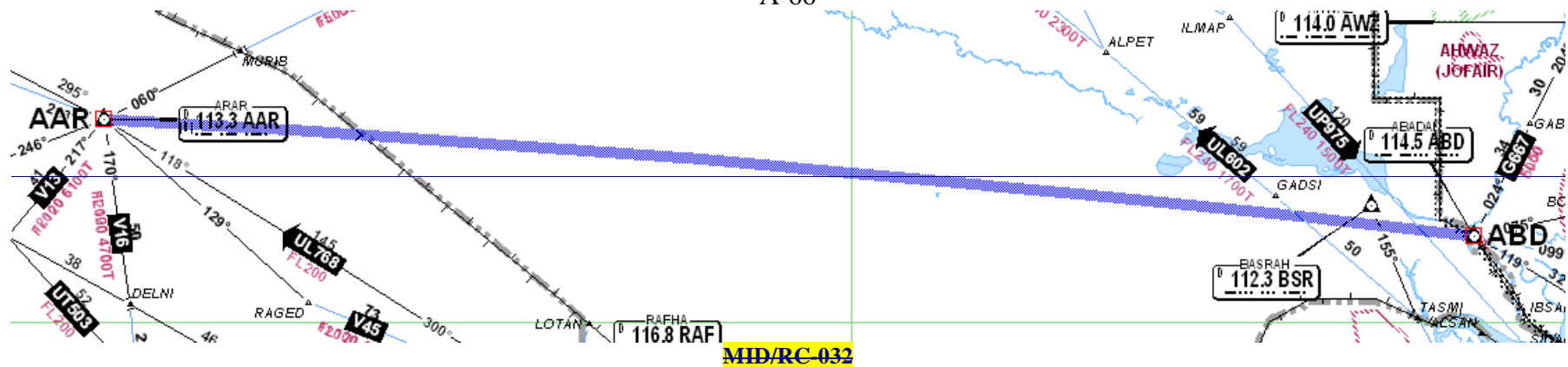
MID/RC-029	ATS Route Name: W8	Entry-Exit: GITNU-HAB	Inter-Regional Cross Reference if any		Users Priority	URGENT	Originator of Proposal	Iraq
							Date of Proposal	RDGE/11 (Oct-2009)
Route-Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status	Action Taken / Required	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		— Change route designator to regional RNAV route designator (L, M, N or P requested). — Points highlighted in yellow are new. — Coordination with Syria and Iran required for the continuation of route within their airspace. — New route in the Baghdad (FIR)		Points highlighted in yellow are new. 11. — 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/6 April 2013	



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 implemen- tation date yet.	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.	Points highlighted in yellow are new. 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.	TBD	
Flight Level Band: FL240-FL460								
Potential City Pairs:								
Conclusions/Remarks		To further improve the ATS network within Gulf Area.					Last updated	ARN-TF/6 April 2013

ATM SG/2-WP/9
APPENDIX A

A-66



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	Not in the ANP. Iran is requesting an RNAV Route Designator	Another proposal put in by Bahrain and submitted to Iran	Published by Iran as T202	

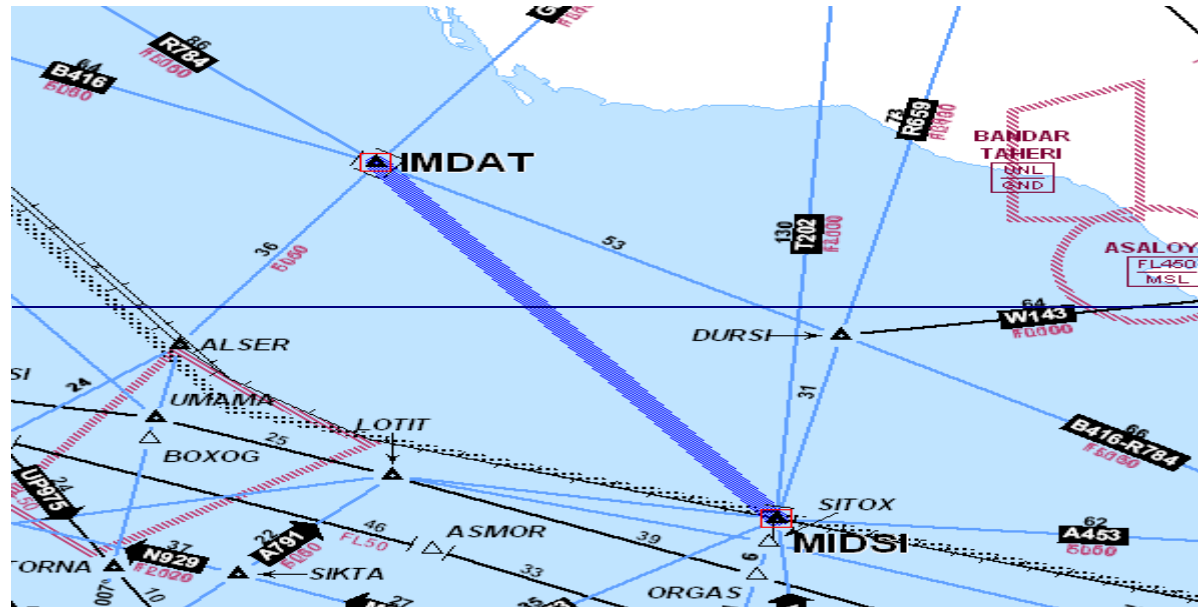
A-67

Flight Level Band: FL 130 – UNL						
Potential City Pairs:						
Conclusions/Remarks				Last updated	ARN TF/6 April 2013	



MID/RC-038	ATS Route Name: New Route	Entry-Exit: IMDAT-MDSI	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 MDSI 264142N 0515442E		Bahrain Iran		IMDAT-MDSI Not implemented	Not in the ANP. Iran is requesting an RNAV Route Designator for the route to be included in the ANP	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/6 April 2013

A-69



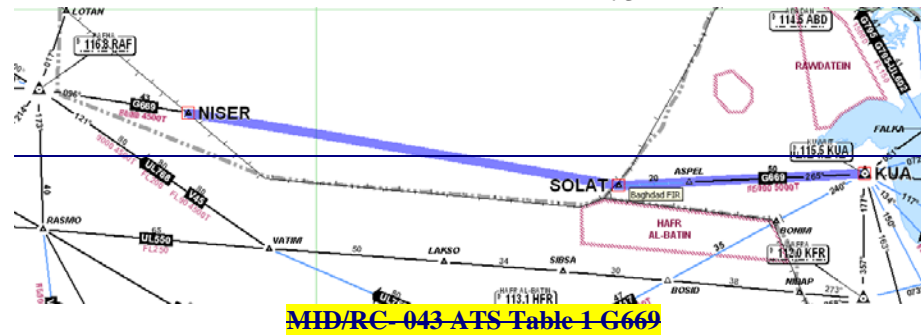
MID/RC-038

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) 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	12. Not supported by Kuwait at present. 13. 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/6 April 2013	



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	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. No change	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/6 April 2013	

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MID/RC-048	ATS Route-Name:	Entry-Exit:	Inter-Regional Cross-Reference if any		Users Priority	Originator of Proposal	IATA
	New-Route	MUT in Turkey to BAN in Syria				Date of Proposal	ARN TF/2
Route-Description		States Concerned	Expected Implementation-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/6 April 2013

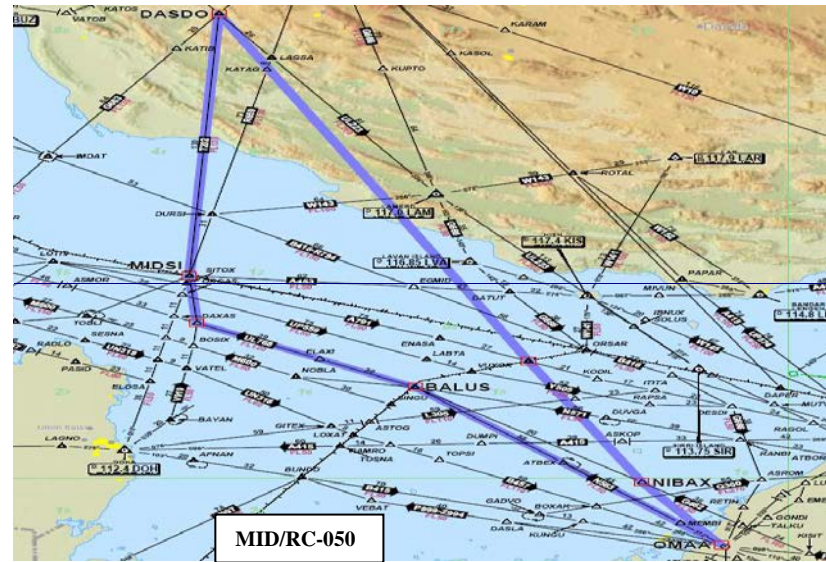
ATM SG/2-WP/9
APPENDIX A

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A-75

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 MIDSL.		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken / Required	Deadline for each Action
		Bahrain Iran UAE				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/6 April 2013

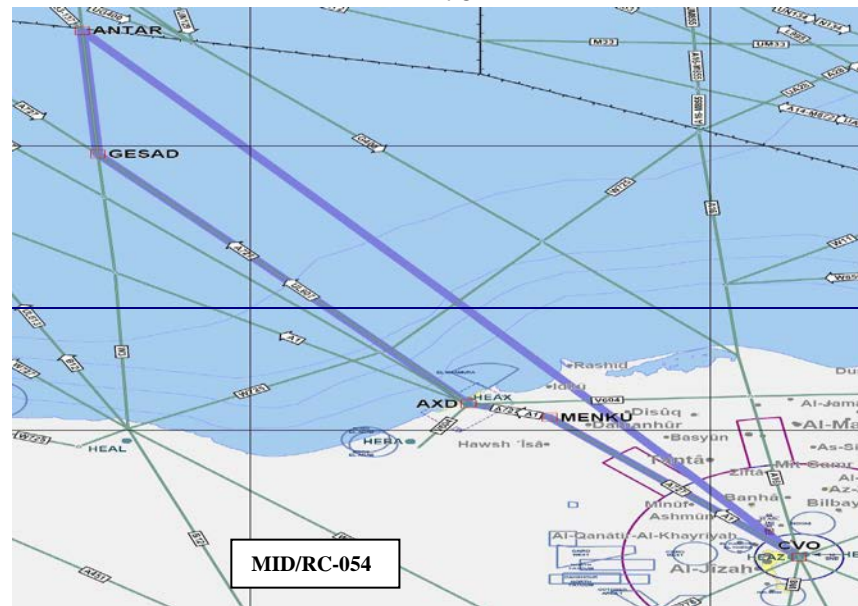


MID/RC-051

A-77

MID/RC-054	ATS Route Name: New Route	Entry-Exit:	Inter-Regional Cross-Reference if any		Users Priority		Originator of Proposal	IATA
		CVO-ANTAR					Date of Proposal	ARN TF/2
Route Description Cairo TO ANTAR		States Concerned	Expected Implementation 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/6 April 2013	

A-78

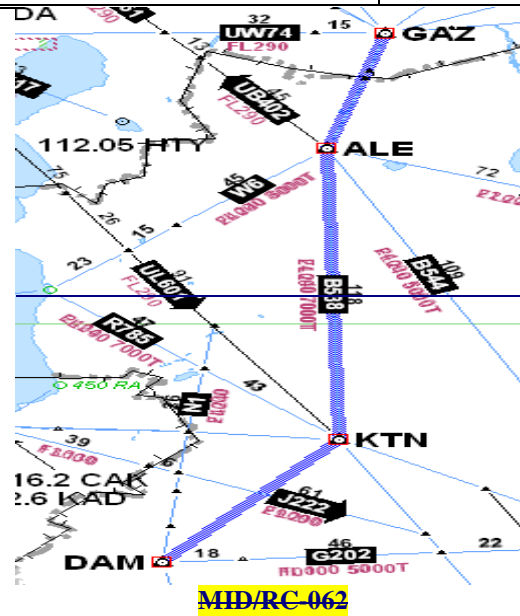


MID/RC-062 (ex-B538)	ATS Route Name: New-Route	Entry-Exit: GAZIANTEP DAMASCUS	Inter-Regional Cross-Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	MIDANPIRG/10
Route-Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status		Action Taken/Required	Deadline for each Action

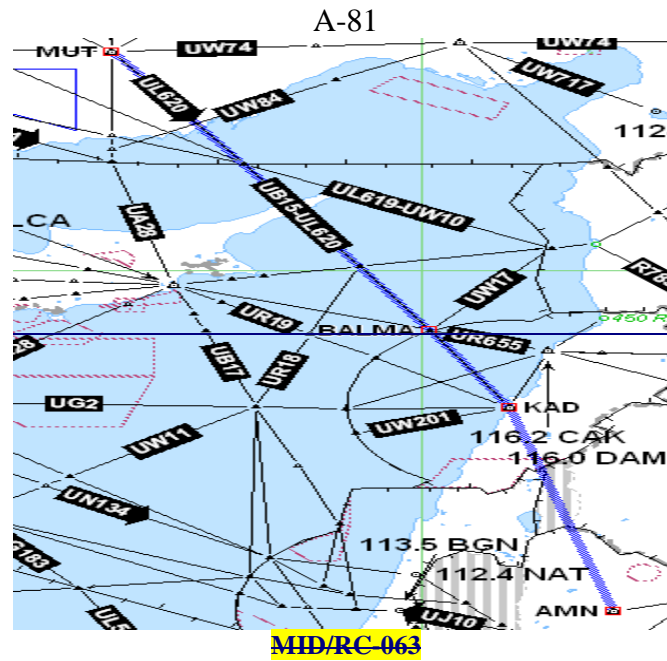
MID/RC-055

A-79

(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/6 April 2013

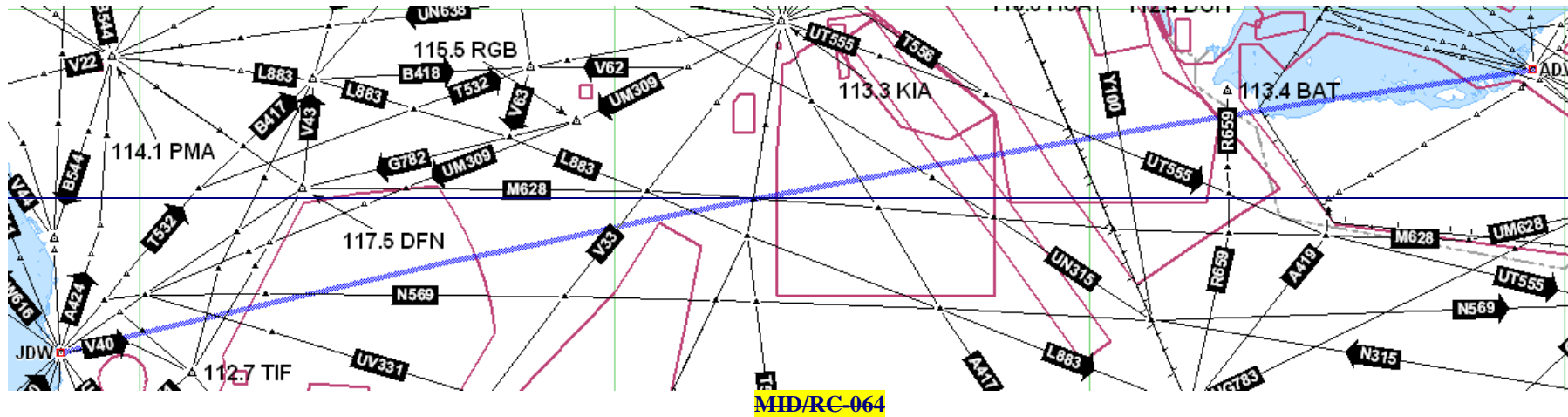


MID/RC-063 <i>(ex-B545)</i>	ATS Route Name: New-Route	Entry-Exit: BALMA-AMMAN	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	MIDANPIRG/10
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action Taken/Required	Deadline for each Action	
(MUT) BALMA 3428.9N 035 3.0E KHALDEH AMMAN		Amman Beirut Ankara		MUT—BALMA—KAHLDE Implemented as (UB15/UL620) KHALDE—AMMAN not implemented		-No update		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/6 April 2013	



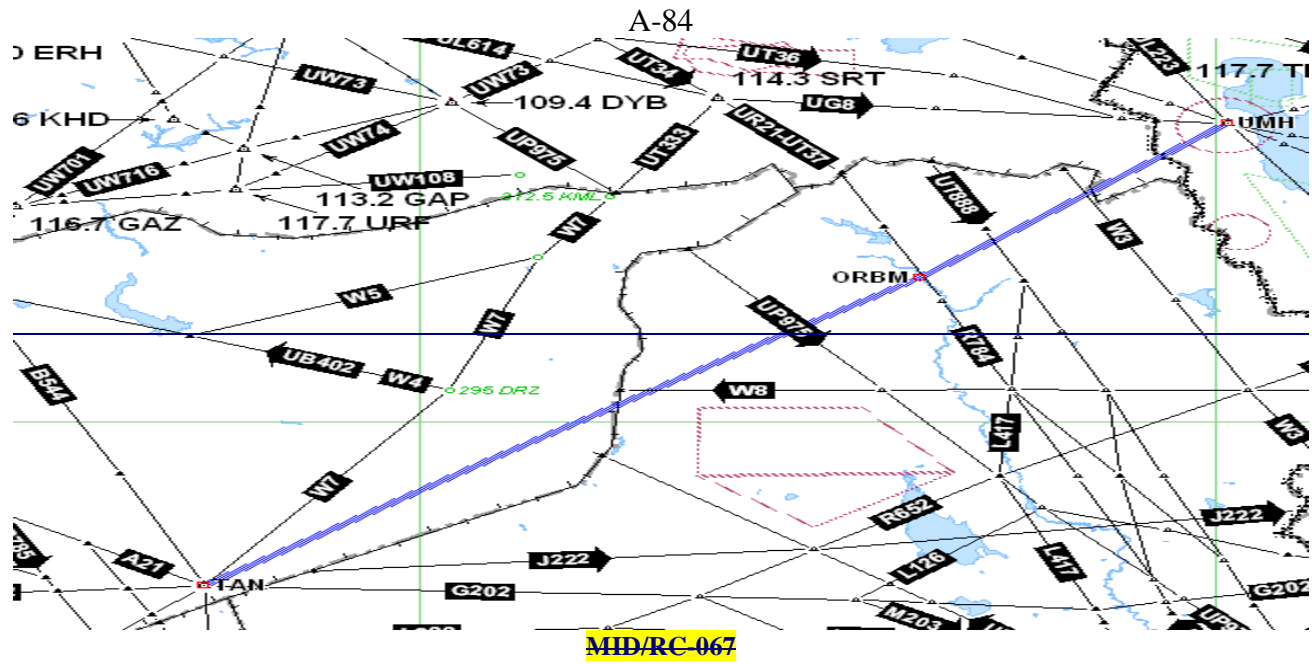
MID/RC-064 <i>(ex G660)</i>	ATS Route Name: New-Route		Entry-Exit: JEW-ADV		Inter-Regional Cross Reference if any		Users Priority High	Originator of Proposal IATA
							Date of Proposal MIDANPIRG/10	
Route Description		States Concerned	Expected Implementation date	Implementation Status	ANP Status	Action 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/6 April 2013		



MID/RC-067 (ex-G671)	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/6 April 2013

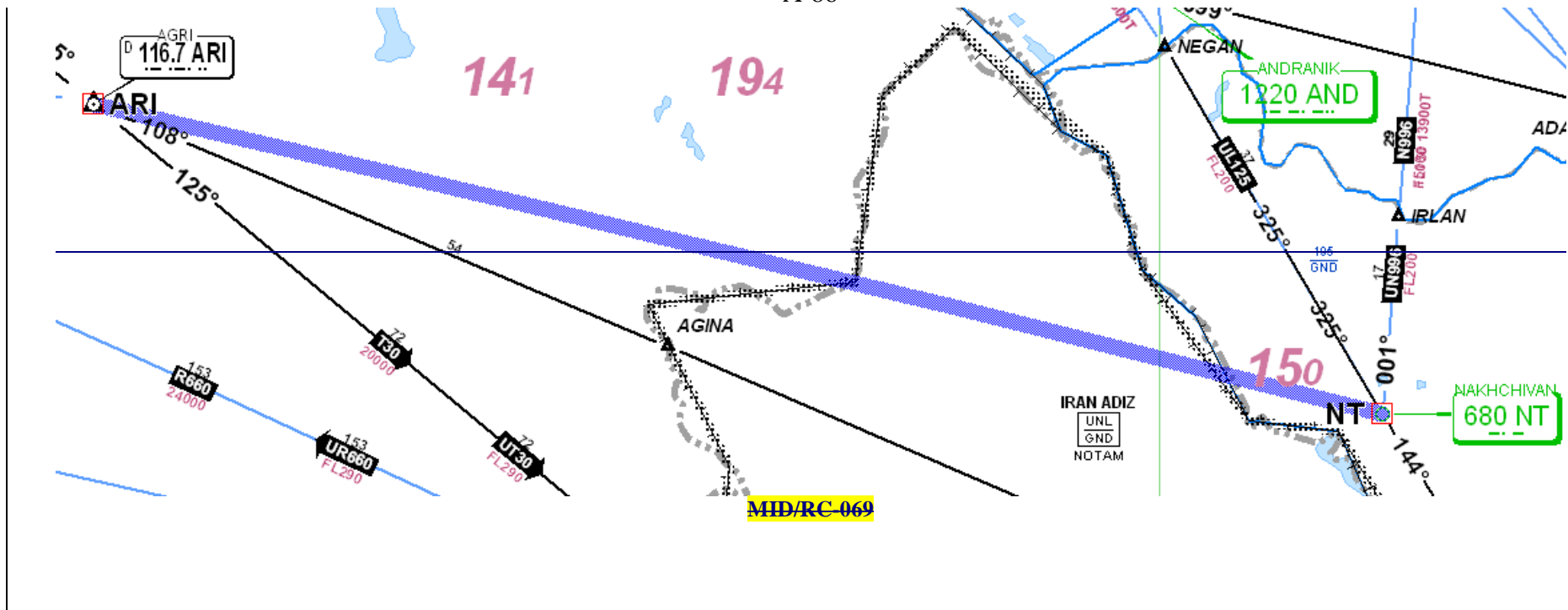
ATM SG/2-WP/9
APPENDIX A



MID/RC-069	ATS Route Name: New-Route	Entry-Exit: ARI (Agri) NT (Nakhehivan)	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 (Nakhehivan)		Turkia Iran Yerevan (AZE)				No update		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/6 April 2013V

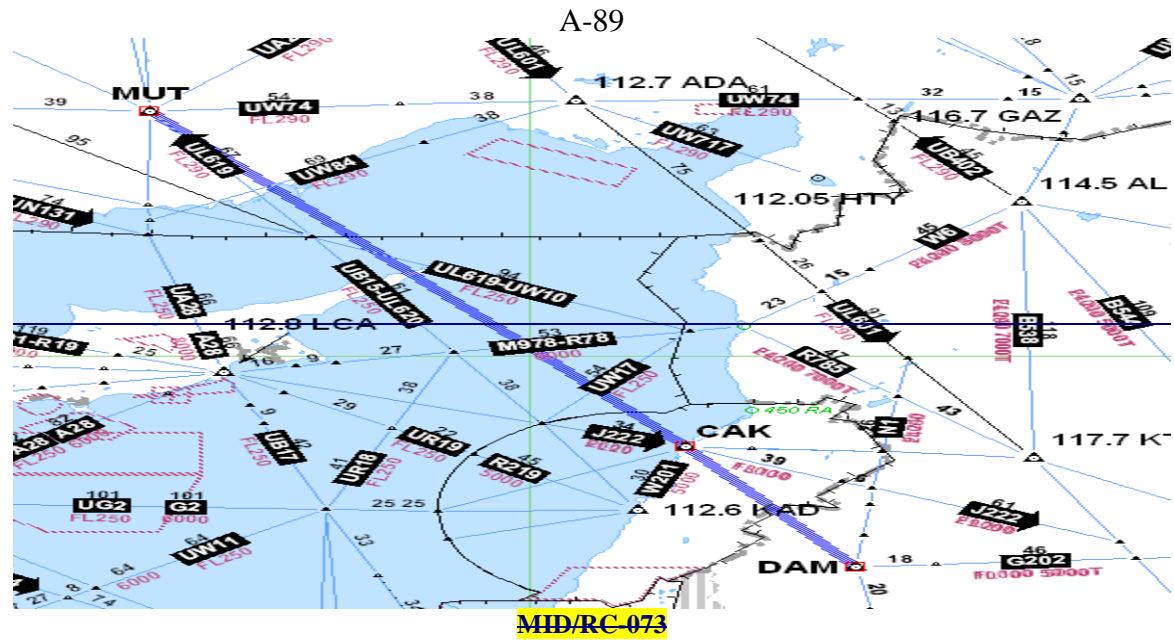
ATM SG/2-WP/9
APPENDIX A

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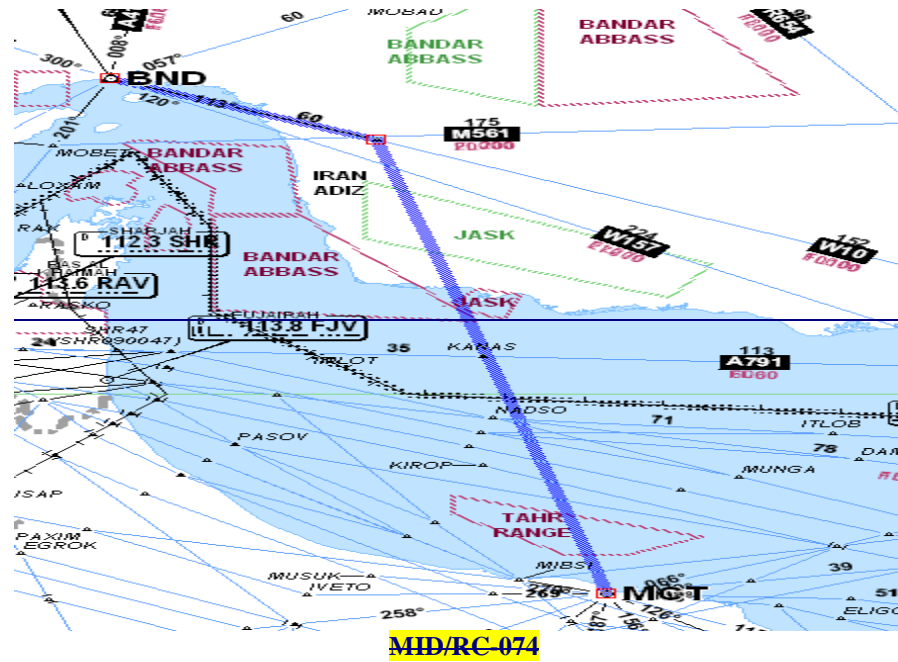
MID/RC-071	ATS Route Name: New-route	Entry-Exit: DELMA-A145	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA
							Date of Proposal	ARN TF/1
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status		ANP Status	Action Taken/Required	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 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 FFFFF to 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>		<p>Egypt</p> <p>Saudi Arabia</p>					<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/6 April 2013	

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/6 April 2013



MID/RC-074 <i>(ex-R658)</i>	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/6 April 2013	

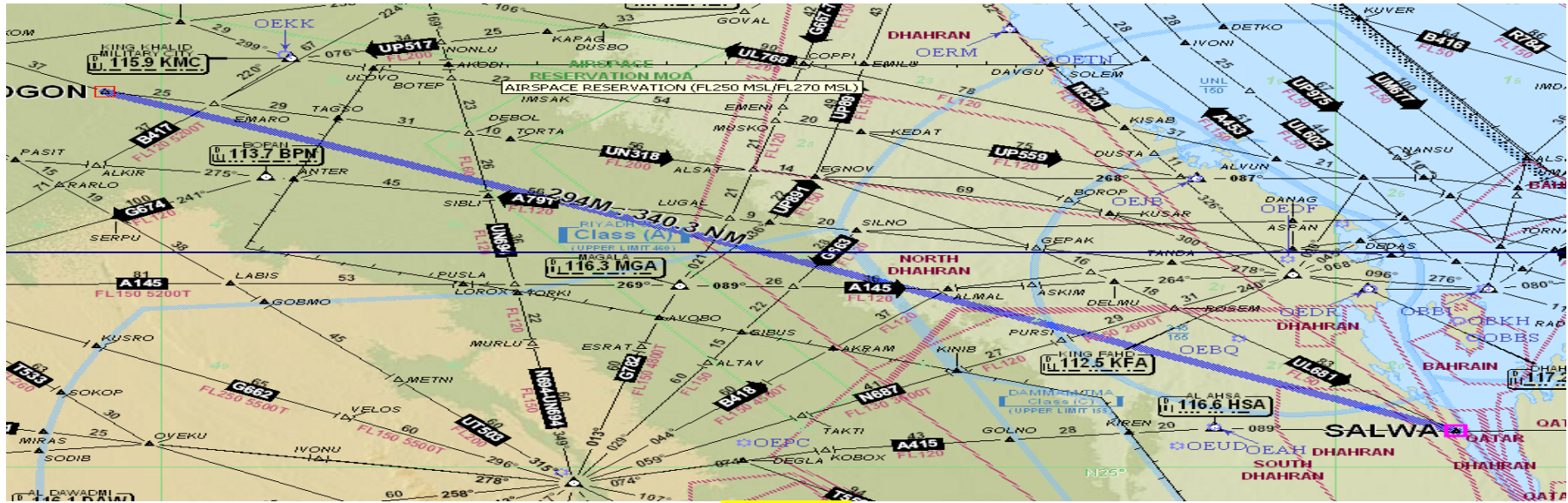
A-91



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 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		
Flight Level Band: Upper Airspace								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN TF/6 April 2013	

A-93

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				1. _____ To cater for arrival traffic from the West -which would also allow A145 traffic to use this proposed segment SALWA-EGNOV??		
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks	Saves HNM					Last updated	ARN TF/6 April 2013	



MID/RC-079

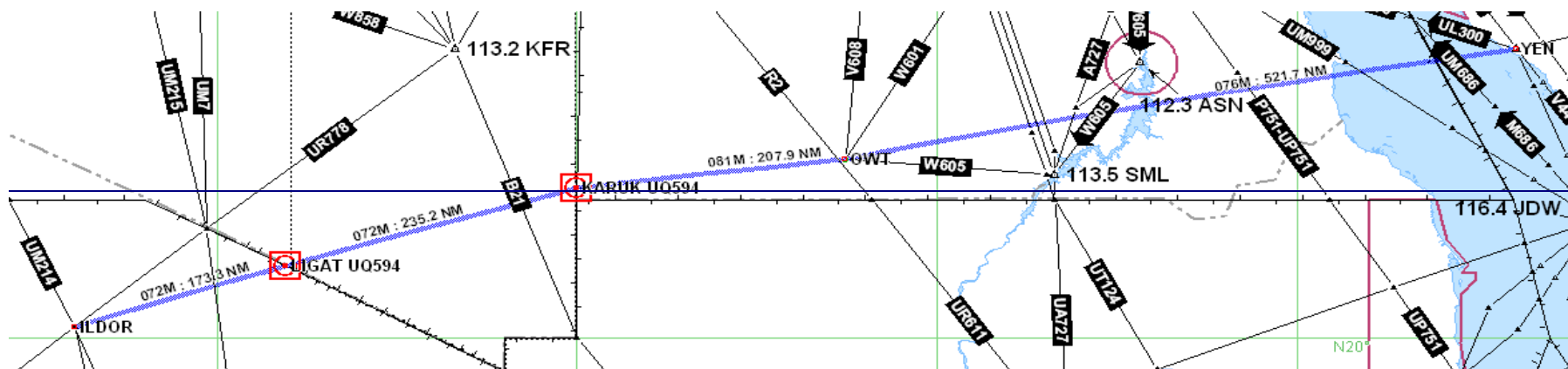
A-95

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.		
Flight Level Band:							Awaiting final approval for implementation		
Potential City Pairs: HEGN – UUDD									
Conclusions/Remarks	Shortens the distance by 85NM.						Last updated	ARN TF/6 April 2013	



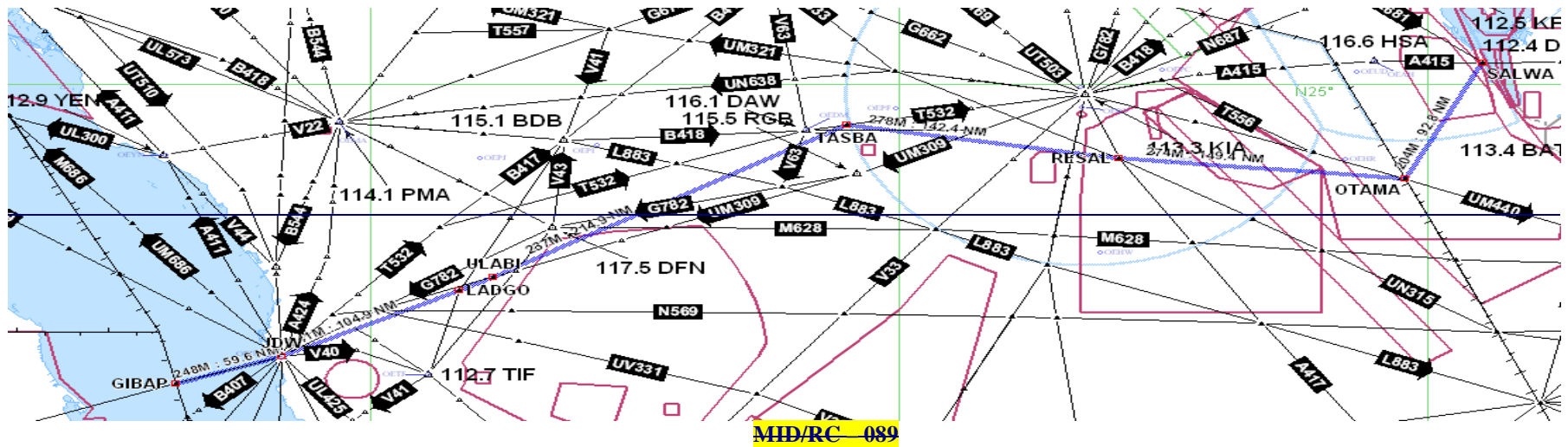
MID/RC-080

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
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 22 10 02.11N 025 00 00E 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 FONBA to support Westbound infrastructure t	TBD	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN TF/6 April 2013

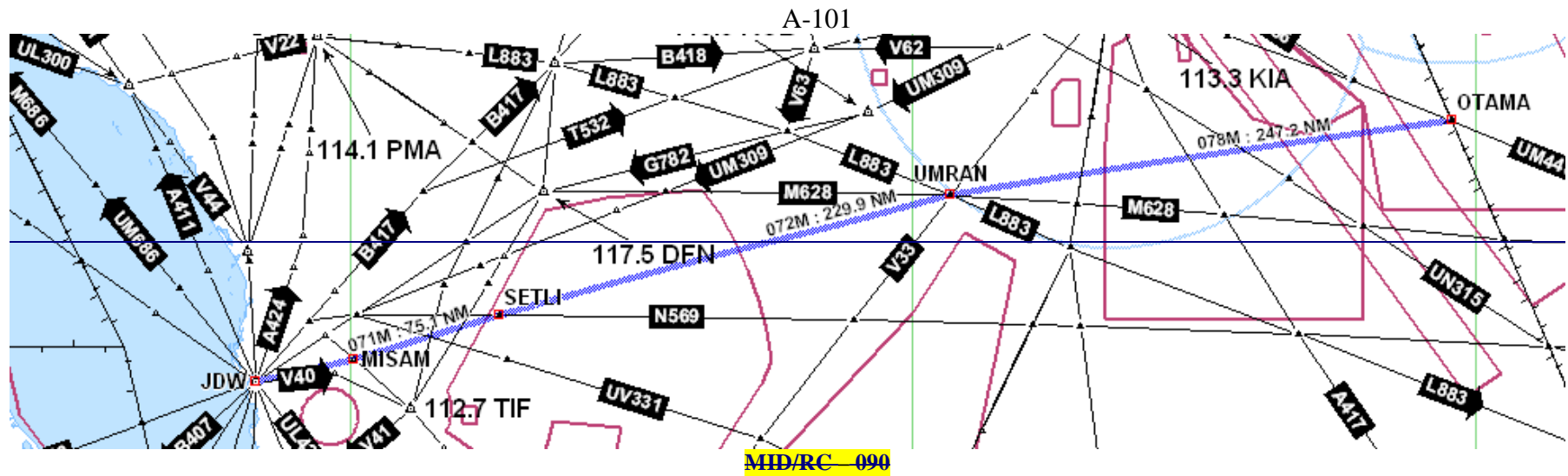


MID/RC-086

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 To check with B145	TBD	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks							Last updated	ARN-TF/6 April 2013

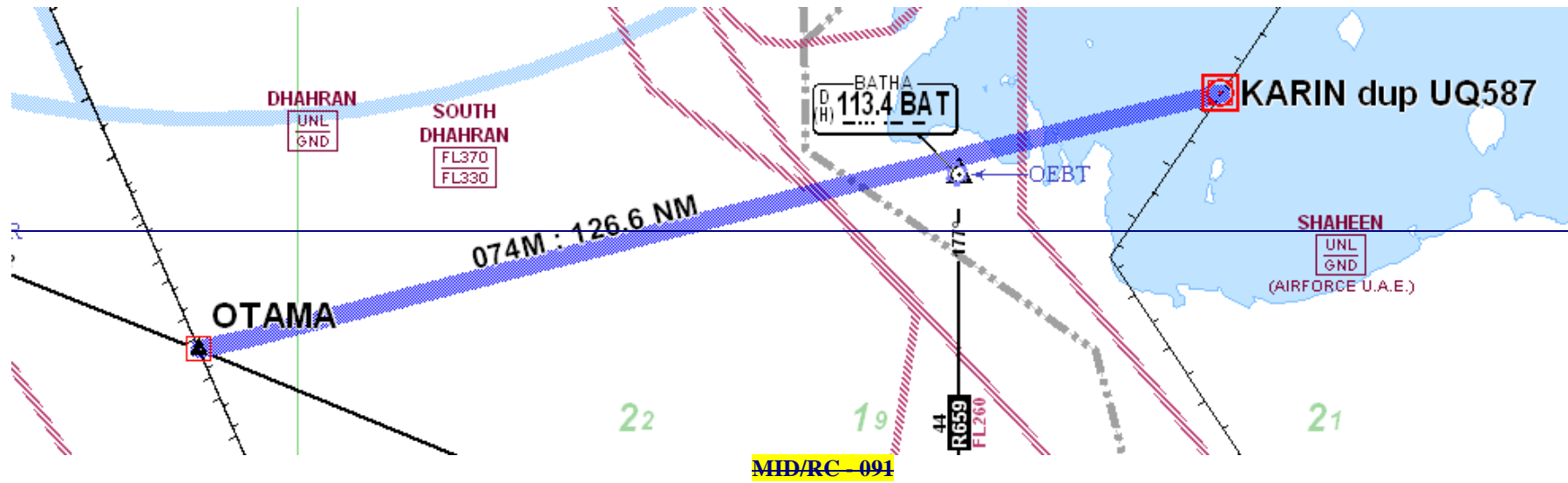


MID/RC-090	ATS Route Name: New Route UQ588; Eastbound		Entry-Exit: JDW-UMRAN OTAMA		Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
									Date of Proposal	17 May 2011
Route Description			States Concerned	Expected Implementation date	Implementation 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/6 April 2013	



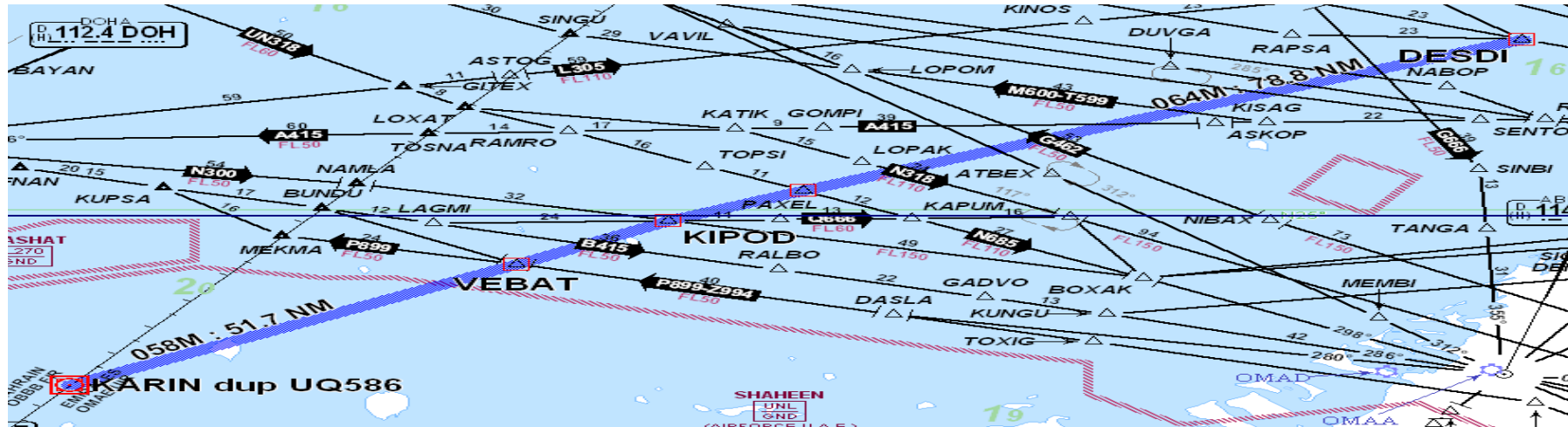
MID/RC-091	ATS Route Name: New Route UQ587; Bidirectional		Entry-Exit: OTAMA—KARIN	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
									Date of Proposal
Route Description		States Concerned	Expected Implemen- tation date	Implementation Status	ANP Status		Action Taken/Required	Deadline for each Action	
OTAMA 2351.47N 0494707E KARIN 2422.7N 05201.6E		Saudi Arabia Bahrain					————— Note Point KARIN is duplicate SLNC	TBD	
Flight Level Band:									
Potential City Pairs:									
Conclusions/Remarks								Last updated	ARN TF/6 April 2013

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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 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
KARIN 2422.7N 05201.6E VEBAT 244830N 0525100E KIPOD 245744N 0530756E NAGRA 250407N 0532246E DESDI 253603N 0544230E		Bahrain UAE				_____ Note Point KARIN is duplicate SLNC	TBD
Flight Level Band:							
Potential City Pairs:							
Conclusions/Remarks						Last updated	ARN TF/6 April 2013

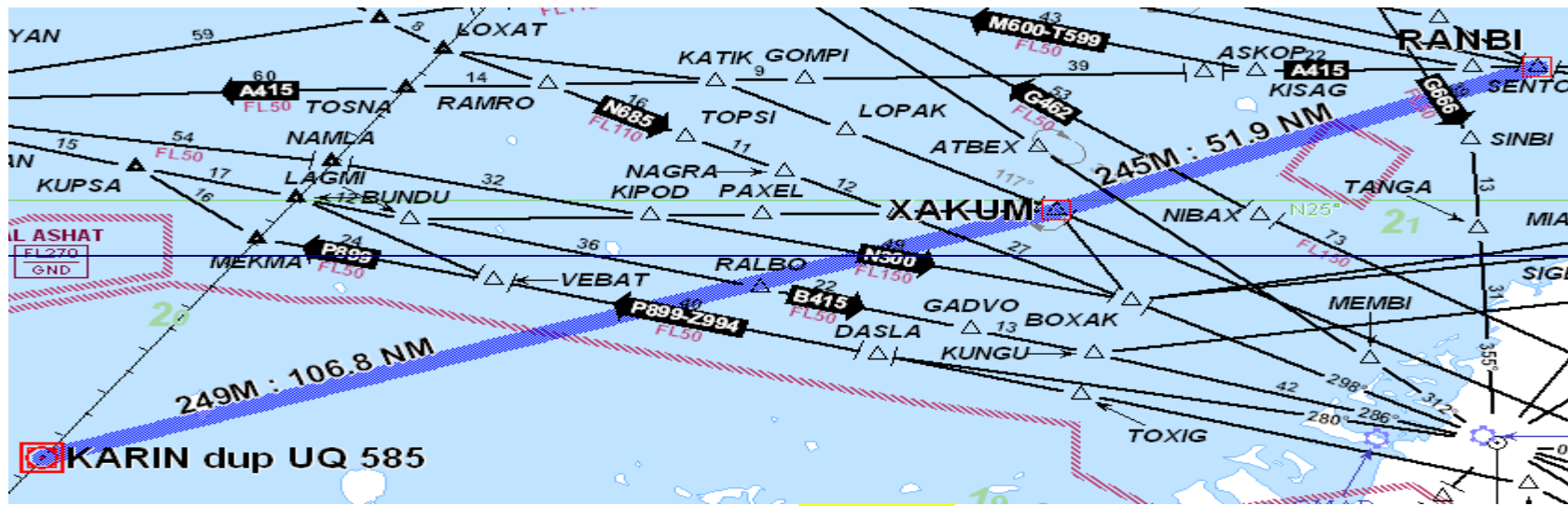
A-105



MID/RC-092

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 Implemen- tation 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/6 April 2013

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MID/RC-093

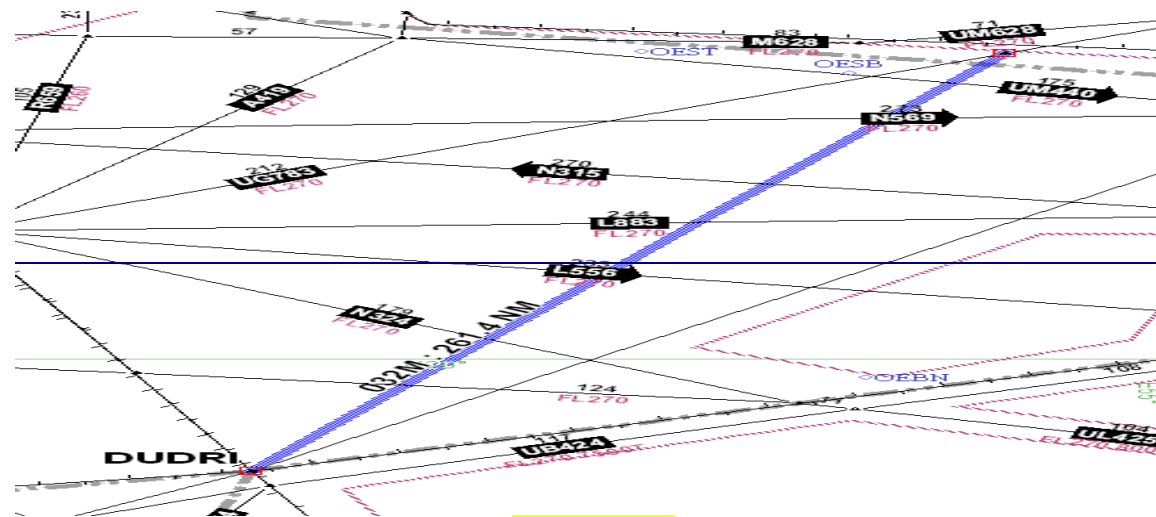
MID/RC-094	ATS Route Name: New Route proposed Eastbound	Entry-Exit: TOKAR – DESDI	Inter-Regional Cross Reference if any		Users Priority	High	Originator of Proposal	IATA iFLEX Proposal
							Date of Proposal	17 May 2011
Route Description		States Concerned	Expected Implemen- tation date	Implementation 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 1. — it was deleted afterwards; and 2. — is to be discussed separately	TBD	
Flight Level Band:								
Potential City Pairs:								
Conclusions/Remarks						Last updated	ARN-TF/6 April 2013	

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	
	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
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/6 April 2013	

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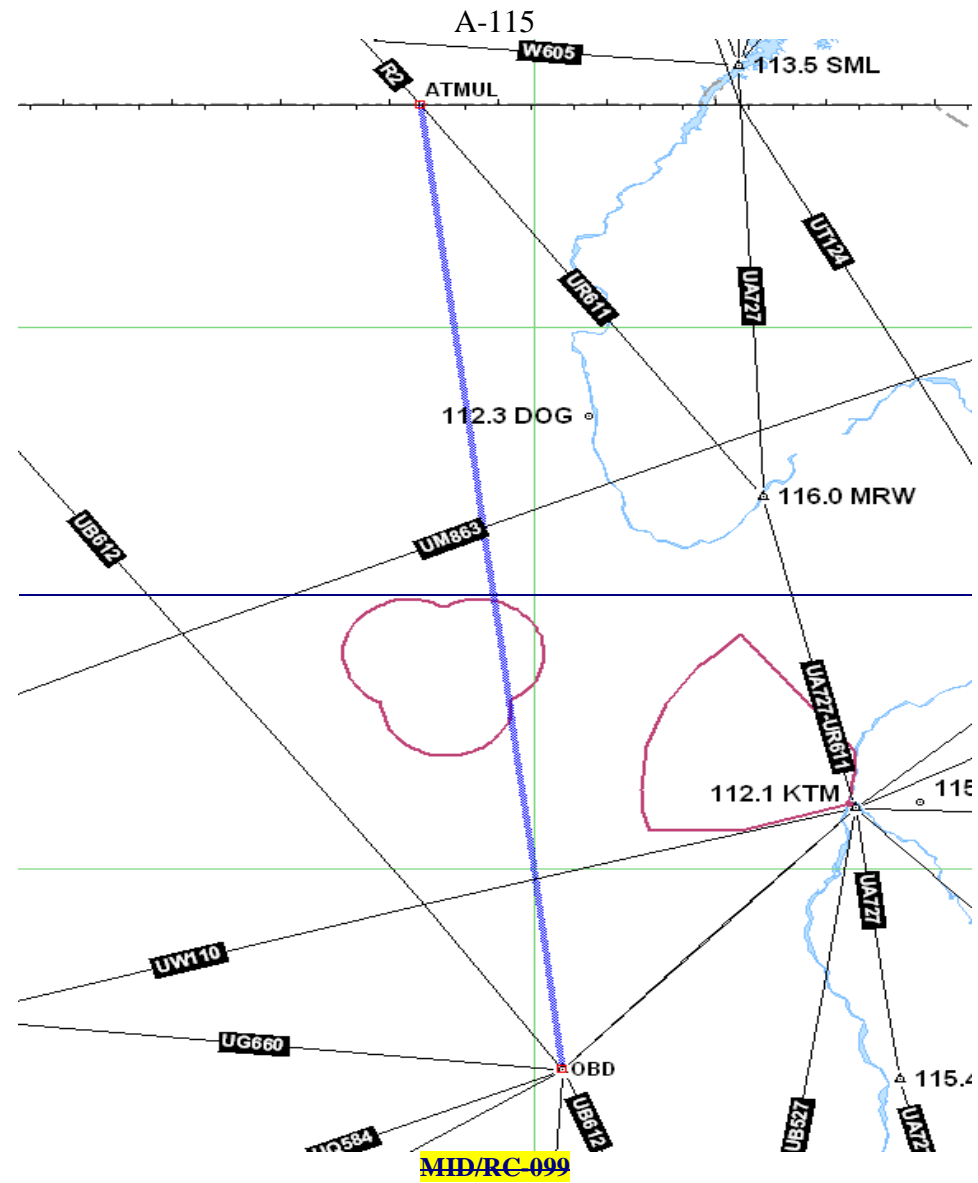
MID/RC-096	ATS Route Name: New Route UQ578; Bidirectional	Entry-Exit: DUDRI-TANSU	Inter-Regional Cross-Reference if any		Users Priority High	Originator of Proposal IATA iFLEX Proposal	
						Date of Proposal 17-May-2011	
Route-Description		States Concerned	Expected Implementation date	Implementation 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/6 April 2013	



MID/RC-096

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				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 No change		TBD	
Flight Level Band:									
Potential City Pairs:									
Conclusions/Remarks						Last updated		ARN TF/6 April 2013	

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						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 No Change	TBD
Flight Level Band:									
Potential City Pairs:									
Conclusions/Remarks								Last updated	ARN TF/6 April 2013



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 -