



*International Civil Aviation Organization*

**Middle East Air Navigation Planning and  
Implementation Regional Group**

**Fifteenth Meeting (MIDANPIRG/15)**  
*(Bahrain, 8 – 11 June 2015)*

**Agenda Item 6: Air Navigation Deficiencies**

**REVIEW OF AIR NAVIGATION DEFICIENCIES**

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents the outcome of the MIDANPIRG subsidiary bodies with regard to the review and update of air navigation deficiencies.

Action by the meeting is at paragraph 3.

**REFERENCES**

- AIM SG/1 Report
- ANSIG/1 Report
- ATM SG/1 Report
- CNS SG/6 Report
- MET SG/5 Report
- MIDANPIRG/14 Report
- MSG/4 Report

**1. INTRODUCTION**

1.1 MIDANPIRG/14 re-iterated that the identification and reporting of Air Navigation Deficiencies by User-Organizations contribute significantly to the enhancement of air navigation safety in the MID Region. Nevertheless, the meeting noted with concern that the use of the MID Air Navigation Deficiency Database (MANDD) is far below expectations. Accordingly, the meeting urged States and authorized Users to use the MANDD for the submission of requests for addition, update, and elimination of Air Navigation Deficiencies.

**2. DISCUSSION**

2.1 The meeting may wish to recall that MIDANPIRG/14 recognized the need for a formal procedure to be used for the elimination of deficiencies from the MANDD. Accordingly, it was agreed that a deficiency would be eliminated only when a State submit a formal Letter to the ICAO MID Regional Office containing the evidence(s) that mitigation measures have been implemented for the elimination of this deficiency. Accordingly, the meeting agreed to the following Conclusion:

*CONCLUSION 14/32: ELIMINATION OF AIR NAVIGATION DEFICIENCIES IN THE MID REGION*

*That, States be urged to:*

- a) use the MID Air Navigation Deficiency Database (MANDD) for the submission of requests for addition, update, and elimination of Air Navigation Deficiencies; and*
- b) submit a Formal Letter to the ICAO MID Regional Office containing the evidence(s) that mitigation measures have been implemented for the elimination of deficiency(ies) when requesting the elimination of deficiency(ies) from the MANDD.*

2.2 In connection with the above, ICAO MID Regional Office issued State Letter Ref. AN 2/2 - 14/109 dated 17 April 2014 requesting States to take all necessary measures to implement the provisions of the above Conclusion and send their feedback on the actions taken to the ICAO MID Regional Office, not later than 15 May 2014.

2.3 The meeting may wish to recall that MIDANPIRG/14 meeting agreed that the deficiencies related to the Safety Management System (SMS) implementation in the fields of AGA and ATM be removed from the MANDD, since they are addressed under the framework of the Middle East Regional Aviation Safety Group (RASG-MID) and USOAP-CMA. In this respect, the meeting underlined the need to reduce to the extent possible the interference between the air navigation deficiencies and USOAP-CMA findings.

2.4 The First Meeting of the Air Navigation Systems Implementation Group (ANSIG/1, Cairo, Egypt, 10 – 12 February 2015) reviewed the outcome of the different MIDANPIRG subsidiary bodies related to air navigation deficiencies. It is to be highlighted that in accordance with MIDANPIRG/14 directives, special consideration was given to the methodology used for the prioritization of the air navigation deficiencies and the interference/overlapping between the air navigation deficiencies and USOAP-CMA findings:

2.4.1 **AIM SG/I meeting:**

- agreed that all the priority “U” deficiencies in the AIM field (i.e. QMS, WGS-84 and AIRAC adherence) should be changed to priority “A”;
- noted that the overlap between the USOAP-CMA findings and the air navigation deficiencies concerns only the non-compliance with the AIRAC and QMS systems. The meeting further recalled that two (2) States in the MID Region have not yet been audited. Accordingly, the meeting agreed to maintain the current AIM deficiencies in the MANDD and to add in the Remarks column of the deficiencies related to AIRAC adherence and QMS a note referring to the USOAP-CMA finding; and
- agreed to add new deficiencies related to the lack of provision of eTOD data for Area 1 and Area 4.

2.4.2 **ATM SG/I meeting:**

- agreed that all the priority “U” deficiencies in the ATM field related to RVSM to be changed to priority “A”; and
- agreed that the air navigation deficiencies related to the SAR Agreements and the lack of plans of operations for the conduct of SAR operations and SAR exercises, be removed from the MANDD since they are fully addressed under USOAP-CMA framework. In addition, the meeting recognized that the signature of SAR agreements is far beyond the

scope of the ANSPs or Civil Aviation Authorities and is addressed as such within the framework of USOAP-CMA.

2.4.3 **CNS SG/6 meeting:**

- agreed that all the priority “U” deficiencies in the CNS field to be changed to priority “A”; and
- agreed that the deficiencies related to old AFTN connections be deleted from MANDD, pending the approval of the amendment to the MID ANP which will propose the removal of these connections.

2.4.4 **MET SG/5 meeting:**

- with reference to quality management system, 8 out of 15 States in the MID Region (Iran, Iraq, Jordan, Lebanon, Libya, Oman, Syrian Arab Republic, and Yemen) have not yet met the relevant requirements in Annex 3, paragraph 2.2.3. The meeting agreed that these States be included in the list of deficiencies. (N.B.: since the MET SG/5 meeting, Jordan provided a QMS certificate dated 2 April 2014 and this deficiency has been removed from the MANDD); and
- noted that the remarks section in the MANDD would indicate a reference to USOAP audits (excluding Iraq and Yemen).

2.5 The ANSIG/1 meeting supported the outcome of the MIDANPIRG subsidiary bodies with regard to the review and update of air navigation deficiencies and emphasized that States should develop a Corrective Action Plan (CAP) for each air navigation deficiency. In this respect, it was highlighted that the majority of the CAPs were not specifying a set of clear actions from States with specific timelines for the elimination of the deficiencies.

2.6 Based on the above, the ANSIG/1 meeting agreed that the ICAO MID Regional Office delete all the current information reflected in the CAP column and urge States to use the MANDD to propose specific CAP for each deficiency. In this respect, the meeting noted that as a follow-up action to the above, the ICAO MID Regional Office issued State Letter Ref. AN 2/2 - 15/035 dated 2 February 2015 requesting States to use the MANDD for the submission of requests for addition, update, and elimination of Air Navigation deficiencies including the submission of a specific CAP for each deficiency not later than 1 April 2015. It is to be highlighted that only two (2) Corrective Action Plans were received from Jordan and Lebanon.

2.7 The updated list of deficiencies in the AIM, AOP, ATM, CNS, SAR and MET fields are at **Appendices A, B, C, D, E and F**, respectively.

2.8 The analysis of the MID States’ air navigation deficiencies is shown in the tables and graphs presented at **Appendices G and H** to this working paper. In particular, it’s to be highlighted that:

- The total number of air navigation deficiencies recorded in MANDD is **136** deficiencies compared to **122** deficiencies approved by MIDANPIRG/14.
- The total number of deficiencies varies between 1 and 22 deficiencies per State as shown in **Appendix H**.
- The distribution of air navigation deficiencies by field is shown in **Appendix G** as follows: AIM 40%, AOP 9%, ATM 26%, CNS 9%, MET 7% and SAR 9%.
- The distribution of air navigation deficiencies by priority is shown in **Appendix G** as follows: 0% “U”, 84% “A”, and 16% “B”:

2.9 It's also to be highlighted that:

- In the AOP field, four (4) new deficiencies have been added; three of them are Priority "A" and one (1) Priority "B". Two deficiencies have been eliminated; one (1) Priority "U" and one (1) Priority "A". The total number of deficiencies in the AOP field since MIDANPIRG/14 has increased from 11 to 13. The lack of implementation of aerodromes' certification represents more than 80% of these deficiencies.
- In the AIM field, Six (6) deficiencies have been eliminated; Five (5) of them are Priority "A" and one (1) Priority "B". The Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4 followed by lack of implementation of a Quality Management System, the non-production of aeronautical charts and lack of AIS automation represent more than 70% of reported deficiencies. Total number of deficiencies in the AIM Field since MIDANPIRG/14 has increased from 33 to 54, due to the transfer of Libya and Sudan from the AFI to the MID ANP (7 new deficiencies) and fourteen (14) new deficiencies are related to eTOD. Furthermore, it was decided to keep the deficiencies related to QMS, AIRAC and WGS-84 in the MANDDD, although they are covered by the USOAP-CMA.
- In the ATM field, five (5) new deficiencies priority "A" have been reported. The current total number is thirty six (36) deficiencies; twelve (12) related to the non-implementation of planned regional ATS Routes; thirteen (13) related to the uncompleted signature of contingency agreements, and eleven (11) related to unsatisfactory reporting of large deviation Height (LHD) to the MIDRMA.
- In the CNS field, a Proposal for Amendment for the FASID Table CNS 1A AFTN plan was approved. Accordingly, 3 deficiencies were supposed to be eliminated. However, only one deficiency related to Bahrain was eliminated, since Jordan and Lebanon agreed to implement the circuit using VPN technology instead of lease line and States provided CAPs, the implementation of the circuit using VPN technology is in progress.
- In the MET field, the total number of deficiencies since MIDANPIRG/14 has increased from 0 to 9. Seven (7) new deficiencies are related to the implementation of QMS which was decided by MET SG/5 to be added to the list of Air Navigation Deficiencies. Two (2) other deficiencies are related to the non-availability of METAR and/or 30-hour TAF.
- In the SAR field, twenty four (24) deficiencies have been eliminated, which are addressed under the USAOP-CMA framework. However, two (2) new deficiencies were reported. The current total number is twelve (12) deficiencies related mainly to the lack of SAR provisions and non-compliance with the carriage of Emergency Locator Transmitter (ELT) requirements.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) review and update the air navigation deficiencies at **Appendices A, B, C, D, E and F**;
- b) urge States to:
  - i. implement the provisions of the MIDANPIRG/14 Conclusion 14/32 and provide updates on the status of their deficiencies using MANDD;
  - ii. submit CAP for each deficiency; and
  - iii. submit official Letter with the associated evidences when requesting to eliminate an air navigation deficiency.

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APPENDIX A

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Deficiencies in the AIM Field

BAHRAIN

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AIM Field

EGYPT

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15: Para. 10.1.3, Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Egypt	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

## Deficiencies in the AIM Field

## IRAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart—ICAO 1:1 000 000	May, 1995	Coordination with neighboring States required	Θ	Need to produce the assigned sheets of the World Aeronautical Chart—ICAO 1:1 000 000  No Corrective Action Plan submitted by the State	Iran	Jun, 2014	B
2	ANNEX 4: Para. 3.2	-	Non-production of Aerodrome Obstacle Chart-ICAO Type A	May, 1995	-	O	Need to produce Aerodrome Obstacle Chart ICAO Type A for all Int'l Airports RWYs, except if a notification to this effect is published in the AIP (if no significant obstacles exist)  No Corrective Action Plan submitted by the State	Iran	Dec, 2014	A
3	ANNEX 15: Para. 3.6.5	-	Lack of AIS automation	Dec, 2007	-	O	AIS automation should be introduced with the objective of improving the speed, accuracy, efficiency and cost effectiveness of aeronautical information services  No Corrective Action Plan submitted by the State	Iran	Dec, 2014	A
4	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	Θ	No Corrective Action Plan submitted by the State	Iran	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
5	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Iran	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

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“O”= Other unknown causes

# Deficiencies in the AIM Field

## IRAQ

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May, 1995	-	F H S	Need to produce the assigned sheets of the World Aeronautical Chart – ICAO 1:1 000 000  No Corrective Action Plan submitted by the State	Iraq	Dec, 2014	B
2	ANNEX 4: Para. 7.2	-	Non-production of the Enroute Chart-ICAO	May, 1995	-	F H O	Need to produce the Enroute Chart-ICAO  No Corrective Action Plan submitted by the State	Iraq	Dec, 2014	A
3	ANNEX 4: Para. 13.2	-	Non-production of Aerodrome/ Heliport Chart - ICAO	May, 1995	-	F H O	Need to produce Aerodrome/ Heliport Chart – ICAO for all Int'l Aerodromes  No Corrective Action Plan submitted by the State	Iraq	Dec, 2014	A
4	ANNEX 15: Para 3.7.1	-	Implementation of WGS-84	Dec, 1997	-	F H O	Need to complete implementation of WGS-84  No Corrective Action Plan submitted by the State	Iraq	Dec, 2014	U A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
5	ANNEX 15: Para. 3.2	-	Implementation of a Quality System	Jan, 2003	-	F H O	<del>Need to introduce a properly organized quality system in conformity with ISO 9000 series of quality assurance standards.</del>  No Corrective Action Plan submitted by the State	Iraq	Dec, 2014	⚡ A
6	ANNEX 4: Para. 11.2	-	Non-production of Instrument Approach Chart-ICAO	Jan, 2003	-	F H O	<del>Need to produce Instrument Approach Chart-ICAO for all Int'l Aerodromes</del>  No Corrective Action Plan submitted by the State	Iraq	Dec, 2014	A
7	ANNEX 15: Para. 8.1	-	Non provision of pre-flight information service at international airports	Mar, 2004	-	F H O	<del>Need to provide a pre-flight information service at all aerodromes used for international air operations.</del>  No Corrective Action Plan submitted by the State	Iraq	Dec, 2014	A
8	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Iraq	Dec, 2014	A
9	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Iraq	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

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“O”= Other unknown causes

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### Deficiencies in the AIM Field

#### JORDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	Feb, 2008	-	H F H	Need to produce the assigned sheets of the World Aeronautical Chart – ICAO 1:1 000 000  No Corrective Action Plan submitted by the State	Jordan	Dec, 2014 Dec, 2015	B
2	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	O F H	No Corrective Action Plan submitted by the State	Jordan	Dec, 2014 Dec, 2015	A
3	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O F H	No Corrective Action Plan submitted by the State	Jordan	Dec, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AIM Field

KUWAIT

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15: Para. 3.2	-	Implementation of a Quality System	Jan, 2003	Work in progress (USOAP CMA finding)	H	Need to introduce a properly organized quality system in conformity with ISO 9000 series of quality assurance standards.  No Corrective Action Plan submitted by the State	Kuwait	Dec, 2014	U A
2	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Kuwait	Dec, 2014	A
3	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Kuwait	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

## Deficiencies in the AIM Field

## LEBANON

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4 Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May, 1995	-	H	<del>Difference published in the AIP. There's no plan to produce the required sheets of the WAC 1:1000 000</del> No Corrective Action Plan submitted by the State	Lebanon	Dec, 2015	B
2	ANNEX 15:Para. 3.2	-	Implementation of a Quality System	Jan, 2003	- (USOAP-CMA finding)	H	<del>Need to introduce a properly organized quality system in conformity with ISO 9000 series of quality assurance standards.</del> No Corrective Action Plan submitted by the State	Lebanon	Dec, 2015	U A
3	ANNEX 15:Para. 3.7.2.4	-	Implementation of geoid undulation referenced to the WGS-84 ellipsoid.	Jan, 2003	-	H	<del>Need to implement geoid undulation referenced to the WGS-84 ellipsoid.</del> No Corrective Action Plan submitted by the State	Lebanon	Jun, 2015	A
4	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Lebanon	Dec, 2014	A
5	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Lebanon	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

### Deficiencies in the AIM Field

#### Libya

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4 Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May, 2014	-	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2014	B
2	ANNEX 15: Para. 3.2	-	Implementation of a Quality System	May, 2014	(USOAP-CMA finding)	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2014	A
3	ANNEX 15: Para 6.	-	Lack of implementation of AIRAC System	May, 2014	-	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2014	A
4	ANNEX 15: Para. 3.6.5	-	Lack of AIS automation	May, 2014	-	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2014	A
5	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2014	A
6	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

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# Deficiencies in the AIM Field

## OMAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15:Para. 3.2	-	Implementation of a Quality System	Jan, 2003	-	O	Need to introduce a properly organized quality system in conformity with ISO 9000 series of quality assurance standards.  No Corrective Action Plan submitted by the State	Oman	Dec, 2014	H A
2	ANNEX 15: Para. 3.6.5and 8.2	-	Lack of AIS automation	Jul, 2005	-	O	AIS automation should be introduced with the objective of improving the speed, accuracy, efficiency and cost effectiveness of aeronautical information services  No Corrective Action Plan submitted by the State	Oman	Dec, 2014	A
3	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Oman	Dec, 2014	A
4	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Oman	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



**Deficiencies in the AIM Field**

**QATAR**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

**Deficiencies in the AIM Field**

**SAUDI ARABIA**

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15: Para. 8.1	-	Pre-flight information service not provided at International Airports	Nov, 2007	-	O	Need to provide a pre-flight information service at all aerodromes used for international air operations.  No Corrective Action Plan submitted by the State	Saudi Arabia	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

### Deficiencies in the AIM Field

#### Sudan

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 4 Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May, 2014	-	O	No Corrective Action Plan submitted by the State	Sudan	Dec, 2014	B
2	ANNEX 15: Para. 3.2	-	Implementation of a Quality System	May, 2014	(USOAP-CMA finding)	O	No Corrective Action Plan submitted by the State	Sudan	Dec, 2014	A
3	ANNEX 15: Para. 3.6.5	-	Lack of AIS automation	May, 2014	-	O	No Corrective Action Plan submitted by the State	Sudan	Dec, 2014	A
4	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Sudan	Dec, 2014	A
5	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Sudan	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

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# Deficiencies in the AIM Field

## SYRIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15: Para. 6.	-	Lack of implementation of AIRAC System	May, 1995	-	F H	Need to fully comply with the AIRAC procedure  No Corrective Action Plan submitted by the State	Syria	Jan, 2015	U A
2	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May, 1995	-	F H S	Need to produce the assigned sheets of the World Aeronautical Chart – ICAO 1:1 000 000  No Corrective Action Plan submitted by the State	Syria	Jan, 2015	B
3	ANNEX 15: Para. 3.2	-	Implementation of a Quality System	Jan, 2003	- (USOAP-CMA finding)	F H	Need to introduce a properly organized quality system in conformity with ISO 9000 series of quality assurance standards.  No Corrective Action Plan submitted by the State	Syria	Jan, 2015	U A
4	ANNEX 15: Para. 3.7.2.4	-	Implementation of geoid undulation referenced to the WGS-84 ellipsoid.	Jan, 2003	-	F H	Need to implement geoid undulation referenced to the WGS-84 ellipsoid.  No Corrective Action Plan submitted by the State	Syria	Jan, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
5	ANNEX 15: Para 4.2.9 & 4.3.7	-	Lack of regular and effective updating of the AIP	Jul, 2005	-	F H O	<del>Need to update the AIP on a regular basis</del> No Corrective Action Plan submitted by the State	Syria	Jan, 2015	⚡ A
6	ANNEX 15 Para. 3.1.1.2, 3.1.5, 3.1.6 & 4.1	-	Lack of consistency between the different Sections of the AIP containing the same information.	Jul, 2005	-	H	<del>Need to review the AIP for consistency</del> No Corrective Action Plan submitted by the State	Syria	Jan, 2015	⚡ A
7	ANNEX 15: Para. 3.6.5	-	Lack of AIS automation	Jul, 2005	-	F H	<del>AIS automation should be introduced with the objective of improving the speed, accuracy, efficiency and cost effectiveness of aeronautical information services</del> No Corrective Action Plan submitted by the State	Syria	Jan, 2015	A
8	ANNEX 15: Para. 8.1	-	Non provision of pre-flight information service at international airports	Jul, 2005	-	F H	<del>Need to provide a pre-flight information service at all aerodromes used for international air operations.</del> No Corrective Action Plan submitted by the State	Syria	Jan, 2015	A
9	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Syria	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
10	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Syria	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**Deficiencies in the AIM Field**

**UAE**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

# Deficiencies in the AIM Field

## YEMEN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ANNEX 15: Para. 6.	-	Lack of implementation of AIRAC System	May, 1995	-	H O	<del>Need to fully comply with the AIRAC procedure</del> No Corrective Action Plan submitted by the State	Yemen	Jun, 2014	U A
2	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May, 1995	-	F	<del>Need to produce the assigned sheets of the World Aeronautical Chart – ICAO 1:1 000 000</del> No Corrective Action Plan submitted by the State	Yemen	Dec, 2014	B
3	ANNEX 15: Para. 3.2	-	Implementation of a Quality System	Jan, 2003	-	F	<del>Need to introduce a properly organized quality system in conformity with ISO 9000 series of quality assurance standards.</del> No Corrective Action Plan submitted by the State	Yemen	Dec, 2014	U A
4	ANNEX 4: Para. 11.2	-	Non-production of Instrument Approach Chart-ICAO	Jan, 2003	Yemen has produced the Instrument Approach Chart-ICAO except for TAIZ Intl Airport	O	<del>RNAV procedures are under development for Taiz airport</del> No Corrective Action Plan submitted by the State	Yemen	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
5	ANNEX 15: Para. 8.1	-	Non provision of pre-flight information service at international airports	Mar, 2004	-	F H	<del>Need to provide a pre-flight information service at all aerodromes used for international air operations.</del> No Corrective Action Plan submitted by the State	Yemen	Dec, 2014	A
6	ANNEX 15: Para. 3.6.5	-	Lack of AIS automation	Jul, 2005	-	F	<del>AIS automation should be introduced with the objective of improving the speed, accuracy, efficiency and cost effectiveness of aeronautical information services</del> No Corrective Action Plan submitted by the State	Yemen	Dec, 2014	A
7	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Terrain Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Yemen	Dec, 2014	A
8	ANNEX 15: Para. 10.1.3 Para. 10.1.9	-	Lack of the required Obstacle Datasets for eTOD Area 1 and Area 4	May, 2014	-	O	No Corrective Action Plan submitted by the State	Yemen	Dec, 2014	A

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<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**APPENDIX B**

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**Deficiencies in the AOP Field**

**BAHRAIN**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

EGYPT

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	<del>MID Basic ANP &amp; FASID</del> (Dec 9708)  MID Air Navigation Plan	Alexandria Int'l Airport	Runway is short and current distance is 7221 FT with runway all up weight maximum 68000kgs	<del>May, 2014</del> Jul, 2004	\	F O	<del>Plan to extend Runway</del>  Corrective Action Plan has not been provided by the State	Egypt	<del>Jan, 2013</del> Dec, 2015	A
2	Annex 14 Vol. 1.4.1, 1.4.4	Luxor, Aswan, Borg El Arab, Alexandria, Taba, Alamain, El Arish, Shark El Owenat, Port Said, St. Cathrine Intl. Airports  Luxor, Aswan, Borg El Arab, Alexandria, Taba, Asyut, El Arish, Port Said, Shark El Oeinat, St. Catherine, Alamain, Sohag Intl. Airports,	Implementation of Certification of Aerodromes used for international operations  Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Need to develop an Aerodrome Manual for each listed international aerodrome and fulfil all other requirements needed for granting the aerodrome certificate.  State:  implemented: Cairo, Sharm El-Sheikh, Hurgada, Mersa Alam,  In Progress:  Luxor, Aswan, Borg El Arab, Taba  The rest is planned for Nov 2014  Corrective Action Plan has not been provided by the State	Egypt	Nov, 2014 Dec, 2015	U A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
3	Annex 14 Vol. IFASID Table AOP-1MID/3 Rec. 1/3 <del>Annex 14 Vol. I</del>	Alexandria Int'l Airport	No runway demarcation lines available on RWY 18/36, to identify the entry position to RWY 04/22	May, 2007	-	F	Runway is closed for extension and upgrade <del>Runway is closed for extension and upgrade</del>  Runway permanently closed <del>To be deleted</del>	Egypt	Jan, 2013 <del>Dec, 2014</del>	U

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

IRAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 14 Vol. 1.4.1, 1.4.3, 1.4.4	Emam Khomeini, Mehrabad, Shahid Hashmi Nejad, and Tabriz Intl. Airport,	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Need to establish an appropriate regulatory framework and to establish a criteria for the certification of aerodromes. Need to develop an Aerodrome Manual for each international aerodrome and fulfil all requirements needed for granting Certification of Aerodrome.  Corrective Action Plan has not been provided by the State	Iran	Jan, 2013 Dec, 2015	U A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

IRAQ

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 14 Vol. 1.4.1, 1.4.3, 1.4.4	Baghdad/ Basrah/ Erbil /Sulaymaniyah / Al Najaf Intl. Airports	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H O	<p>Need to establish an appropriate regulatory framework and to establish a criteria for the certification of aerodromes.</p> <p>Need to develop an Aerodrome Manual for each international aerodrome and fulfil all requirements needed for granting certification of aerodrome.</p> <p>State: Dec, 2010 except for Baghdad &amp; Najaf June 2011</p> <p>Corrective Action Plan has not been provided by the State</p>	Iraq	<p>Jan, 2014</p> <p>Dec, 2015</p>	<p>U</p> <p>A</p>

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

JORDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Operation of the second runway for Queen Alia Airport ANP Volume II Operation of the second runway for Queen Alia Airport	Runway 08L 26R Queen Alia Airport Runway 08L 26R	Runway is not operational and closed since long time	Dec, 2014	construction handing over	F	Not submitted Corrective Action Plan has not been provided by the State	CARC Jordan	Dec, 2015	B
2	Annex 14 Vol. 1.4.1, 1.4.3, 1.4.4	Marka and Queen Alia Intl Airport	Implementation of Certification of Aerodromes used for international operations	May, 2015	-	F H	Corrective Action Plan has not been provided by the State	Jordan	Dec, 2015	U A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

B-7

**Deficiencies in the AOP Field**

**KUWAIT**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



Deficiencies in the AOP Field

LEBANON

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 14 Vol. 1.4.1, 1.4.4	Hariri, Beirut Intl. Airport	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Need to develop an Aerodrome Manual and fulfil all requirements needed for granting the aerodrome certificate  Corrective Action Plan has not been provided by the State	Lebanon	Jan, 2013 Dec, 2015	U A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

B-9

Deficiencies in the AOP Field

LIBYA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 14 Vol. 1.4.1, 1.4.4	Benina, Sebha, and Tripoli Intl Airports	Implementation of Certification of Aerodromes used for international operations	May 2015	-	F H	Corrective Action Plan has not been provided by the State	Libya	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**Deficiencies in the AOP Field**

**OMAN**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

B-11

**Deficiencies in the AOP Field**

**QATAR**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**Deficiencies in the AOP Field**

**SAUDI ARABIA**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

B-13

Deficiencies in the AOP Field

SUDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 14 Vol. 1.4.1, 1.4.4	Kasala Intl. Airport	Implementation of Certification of Aerodromes used for international operations	May 2015	-	F H	Corrective Action Plan has not been provided by the State	Sudan	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the AOP Field

SYRIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	<del>Annex 14 Vol. I FASID Table AOP-1MID/3 Rec. 1/3</del> Annex 14 Vol. I FASID Table AOP-1MID/3 Rec. 1/3	Damascus int'l Airport	Apron lighting inadequate	Sep, 2003	-	F H	<del>Apron lighting is to be improved</del> Corrective Action Plan has not been provided by the State	Syria	<del>Jan, 2013</del> Dec, 2015	<del>U</del> A
2	<del>Annex 14 Vol. I FASID Table AOP-1MID/3 Rec. 1/3</del> Annex 14 Vol. I FASID Table AOP-1MID/3 Rec. 1/3	Damascus int'l Airport	Runway surface rough and damaged. Runway markings unsatisfactory	Sep, 2003	-	F H	<del>RWY Surface to be repaired and refurbished. Markings are to be improved</del> Corrective Action Plan has not been provided by the State	Syria	<del>Jan, 2013</del> Dec, 2015	A
3	<del>Annex 14 Vol. I FASID Table AOP-1MID/3 Rec. 1/3</del> Annex 14 Vol. I FASID Table AOP-1MID/3 Rec. 1/3	Damascus int'l Airport	<del>DAM DVOR 116 MHZ Out of Service</del>	Jun, 2004	-	F	<del>The VOR/DME to be replaced</del>	Syria	<del>Jan, 2013</del> Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

B-15

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
4	Annex 14 Vol. 1.4.1, 1.4.4	Damascus, Aleppo, Bassel Al-Assad Int'l. Airports	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	<del>Need to develop an Aerodrome Manual for each international aerodrome and fulfil all requirements needed for granting the aerodrome certificate</del> Corrective Action Plan has not been provided by the State	Syria	<del>Jan, 2013</del> Dec, 2015	<del>U</del> A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



**Deficiencies in the AOP Field**

**UAE**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

B-17

Deficiencies in the AOP Field

YEMEN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 14 Vol. 1.4.1, 1.4.3, 1.4.4	Sanaa, Aden, Hodeibah, Taiz Intl. Airports	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	<p><del>establish a criteria for the certification of aerodromes.</del>  <del>Need to develop an Aerodrome Manual for each international aerodrome and fulfil all requirements needed for granting the aerodrome certificate.</del></p> <p>Corrective Action Plan has not been provided by the State</p>	Yemen	<p><del>Jan, 2013</del>  Dec, 2015</p>	<p><del>U</del>  A</p>

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<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**APPENDIX C**

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**Deficiencies in the ATM Field**

**BAHRAIN**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

## Deficiencies in the ATM Field

### EGYPT

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para 3.3.5.1	-	<del>Reporting Unsatisfactory CFRs and LHDs to MIDRMA</del> Reporting Unsatisfactory LHDs to MIDRMA	Oct, 2013	Egypt to coordinate with MIDRMA.	H	<del>Egypt to report satisfactory CFRs and LHDs.</del> Corrective Action Plan has not been provided by the State	Egypt	<del>Dec, 2014</del> Dec, 2015	A
2	MID ANP Table ATS 1-ATS routes	-	ATS routes M305/UM305 not implemented	Apr, 2013	Segment BRN-ATMUL not implemented.	S	<del>Egypt to continue the coordination with the relevant authorities.</del> Corrective Action Plan has not been provided by the State	Egypt	<del>Dec, 2014</del> Dec, 2016	B
3	MID ANP Table ATS 1-ATS routes	-	ATS routes M312/UM312 not implemented	Apr, 2013	Segment DBA-AMIBO not implemented.	S	<del>Egypt to continue the coordination with its relevant authorities for the implementation of this route.</del> Corrective Action Plan has not been provided by the State	Egypt	<del>Dec, 2014</del> Dec, 2016	B

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

C-3

## Deficiencies in the ATM Field

## IRAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plans for implementation in the event of disruption of ATS and related supporting services.  Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Ongoing, signed with all neighboring States except Syria.  Signed with all neighboring States except Kuwait.	H	Iran to sign with Syria and to send all the signed contingency agreements to the ICAO MID Regional Office.  Corrective Action Plan has not been provided by the State	Iran	Dec, 2014	A
2	MID ANP Table ATS 1 Plan of ATS routes  MID ANP Table ATS 1-ATS Route Network	-	ATS routes A418/UP574 not implemented KUMUN – PAPAR  ATS routes A418/UP574 not implemented	Dec, 2006	KUMUN-PAPAR segment not implemented.	S O	States to continue negotiations with one another. Iran has no plan to implement the route segment.  Corrective Action Plan has not been provided by the State	Iran- UAE	Dec, 2014 Dec, 2015	B

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
3	Annex 11 Para 3.3.5.1	-	<del>Reporting Unsatisfactory CFRs and LHDs to the MIDRMA</del> Reporting Unsatisfactory LHDs to the MIDRMA	Oct, 2013	Iran to coordinate with the MIDRMA.	H	<del>Iran to report satisfactory CFRs and LHDs.</del> Corrective Action Plan has not been provided by the State	Iran	<del>Dec, 2014</del> Dec, 2015	A
4	MID ANP Table ATS 1-ATS Route Network	-	ATS Route G202 is restricted to certain defined airspace users	<del>Dec, 2014</del> Jun, 2014	Not all Operators are authorized to fly G202	O	Corrective Action Plan has not been provided by the State	Iran	Dec, 2015	B

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

C-5

## Deficiencies in the ATM Field

## IRAQ

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	MID ANP <del>Table ATS 1</del>  Plan of ATS Routes MID ANP Table ATS 1- ATS Route Network	-	ATS route G667 not implemented	Sep, 2006	Iraq has no objection to implement the Route segment ALSAN-ABD.  Kuwait has no objection.  Segment ALSAN-ABD not implemented	S	<del>Iraq to implement and publish the route segment ABD-ALSAN (G677).</del>  Corrective Action Plan has not been provided by the State	Iraq- Iran- Kuwait	<del>Jun, 2014</del> Dec, 2015	B

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
2	Annex 11 Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan  Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency Agreement not signed with Syria.  Contingency Agreement signed only with Iran	S	Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services.  Iraq to sign the agreement with Syria and to send the signed agreements with other States to the ICAO MID Regional Office.  Corrective Action Plan has not been provided by the State	Iraq- ICAO Iraq	Dec, 2014 Dec, 2015	A
3	MID ANP Table ATS 1 Plan of ATS routes  MID ANP Table ATS 1 ATS Route Network	-	ATS route G795 Rafha- Basrah segment not implemented  ATS route G795 not implemented	May, 2008	Coordination between Iraq and Saudi Arabia.  RAF-BSR segment not implemented	S	States to negotiate coordination issues between the two FIRs, update LoA and coordinate opening of the route.  Corrective Action Plan has not been provided by the State	Iraq- Saudi Arabia	Dec, 2014 Dec, 2015	B
4	MID ANP Table ATS 1 Plan of ATS routes  MID ANP Table ATS 1-ATS Route Network	-	ATS route A424 LOTAN- LOVEK segment (Baghdad FIR) not implemented  ATS route A424 not implemented	May, 2008	Communication problems between concerned FIRs.  LOTAN-LOVEK segment not implemented	O	Saudi Arabia has no objection to extend the route into Baghdad FIR.  Iraq will implement the route or it may be replaced by the ATS route from RAF to ELODI.  Corrective Action Plan has not been provided by the State	Iraq	Dec, 2014 Dec, 2015	B

(1) Rationale for non-elimination: "F"= Financial

"H"= Human Resources

"S"= State (Military/political)

"O"= Other unknown causes



C-7

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
5	MID ANP Table ATS 1 Plan of ATS routes  MID ANP Table ATS 1-ATS Route Network	ATS route	ATS Route G669 segment Rafha SOLAT not implemented  ATS Route G669 not implemented	May, 2008	Airspace restrictions:  segment RAF - SOLAT not implemented	S	Airspace restrictions to be addressed:  To check the need for the ATS route segment, taking into consideration the traffic flows and the exiting alternatives.  Corrective Action Plan has not been provided by the State	Iraq	Dec, 2014  Dec, 2015	B
6	MID ANP Table ATS 1-ATS Route Network	-	ATS Route G202 is restricted to certain defined airspace users	Dec, 2014	Not all Operators are authorized to fly G202	O	Corrective Action Plan has not been provided by the State	Iraq	Dec, 2015	B

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

## Deficiencies in the ATM Field

### JORDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan  Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency agreements not signed with Iraq, Israel and Syria.	H	<del>Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services.</del>  <del>Jordan to sign Contingency Agreements with Israel, Iraq and Syria.</del>  Corrective Action Plan has not been provided by the State	Jordan	<del>Dec, 2014</del> Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the ATM Field

KUWAIT

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30	-	Development of contingency plan	Nov, 2006	Contingency Plan was signed with Bahrain and Saudi Arabia. Contingency Plans with Iraq and Iran are still to be signed.	S	<del>Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services.</del> <del>Kuwait to sign the Contingency Agreements with Iran and Iraq.</del> Corrective Action Plan has not been provided by the State	Kuwait	<del>Dec, 2014</del> Dec, 2015	A
2	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs to MIDRMA.	Oct, 2013	Kuwait to coordinate with MIDRMA.	H	<del>Kuwait to report satisfactory CFRs and LHDs.</del> Corrective Action Plan has not been provided by the State	Kuwait	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

## Deficiencies in the ATM Field

### LEBANON

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan  Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	A plan has been developed and will be forwarded to the MID-Regional Office.  Contingency agreements not signed with Cyprus and Syria	S	Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services.  Corrective Action Plan has not been provided by the State	Lebanon- ICAO Lebanon	Dec, 2014 Dec, 2015	A
2	Annex 11 Para 3.3.5.1	-	Granting RVSM approvals for aircraft without known high-keeping monitoring results	Dec, 2012	-	O	-  Corrective Action Plan has not been provided by the State	Lebanon- DGCA	Jun, 2014 Dec, 2015	U A
3	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs  Reporting Unsatisfactory LHDs to the MIDRMA	Oct, 2013	Lebanon to coordinate with MIDRMA.	H	Lebanon to report satisfactory CFRs and LHDs.  Corrective Action Plan has not been provided by the State	Lebanon	Dec, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the ATM Field

LIBYA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs	Dec, 2014	-	O S	Corrective Action Plan has not been provided by the State	Libya	Dec, 2015	A
2	Annex 11 Para 3.3.5.1	-	Not reporting the required data to the MIDRMA in a timely manner.	Dec, 2013	-	H O	Corrective Action Plan has not been provided by the State	Libya	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

### Deficiencies in the ATM Field

#### OMAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plans  Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency Agreements signed with Bahrain, Iran, UAE and Yemen. Agreement to be signed with Pakistan and India.  Contingency Agreements to be signed with India and Pakistan .	S	Need to develop and promulgate contingency plans for implementation in the event of disruption of ATS and related supporting services.  Oman to sign Contingency Agreement with India and Pakistan  Corrective Action Plan has not been provided by the State	Oman	Dec, 2014 Dec, 2015	A
2	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs  Reporting Unsatisfactory LHDs to the MIDRMA	Oct, 2013	Oman to coordinate with MIDRMA.	H	Reporting Unsatisfactory CFRs and LHDs.  Corrective Action Plan has not been provided by the State	Oman	Dec, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

C-13

### Deficiencies in the ATM Field

#### QATAR

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	<p>Development of contingency plan for implementation in the event of disruption of ATS and related supporting services.</p> <p>Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.</p> <p>Contingency agreements should be signed with all adjacent ACCs.</p>	Nov, 2006	<p>Agreement signed with Bahrain; agreements not signed with Saudi Arabia and UAE.</p> <p>Contingency agreements not signed with Saudi Arabia and UAE.</p>	S	<p>Qatar to sign the contingency agreements with Saudi Arabia and UAE and send them to the ICO-MID Regional Office.</p> <p>Corrective Action Plan has not been provided by the State</p>	<p>Qatar- Bahrain- ICAO</p> <p>Qatar- Bahrain</p>	<p>Dec, 2014</p> <p>Dec, 2015</p>	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

## Deficiencies in the ATM Field

### SAUDI ARABIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan  Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	A draft contingency plan not fully compliant with the agreed template has been developed. Further work being done in coordination with adjacent States. Signed with Bahrain, Jordan, Kuwait and Egypt.  Contingency Agreements not signed with Eritrea, Iraq, Qatar, Sudan and Yemen.	S	Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services.  Saudi Arabia to sign Contingency Agreements with Eritrea, Iraq, Sudan and Yemen.  Corrective Action Plan has not been provided by the State	Saudi Arabia	Dec, 2014 Dec, 2015	A
2	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory CFRs and LHDs  Reporting Unsatisfactory LHDs to the MIDRMA	Oct, 2013	Saudi Arabia to coordinate with MIDRMA.	H	Reporting Unsatisfactory CFRs and LHDs.  Corrective Action Plan has not been provided by the State	Saudi Arabia	Dec, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



C-15

### Deficiencies in the ATM Field

#### SUDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs.	Dec, 2014	Contingency Agreement signed only with Egypt	H O S	Corrective Action Plan has not been provided by the State	Sudan	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

## Deficiencies in the ATM Field

### SYRIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	MID ANP Table ATS 1 Plan of ATS routes  ID ANP Table ATS 1-ATS Route Network	-	ATS route G202 not implemented	Dec, 1997	Not implemented <del>DAKWE -</del> Damascus. Economic impact <del>alternative routes</del> available but longer not affecting safety.  Segment DAKWE - Damascus not implemented	S	Syria has no plan to implement the route.  Corrective Action Plan has not been provided by the State	Syria	Dec, 2014  Dec, 2015	B
2	MID ANP Table ATS 1 Plan of ATS routes  MID ANP Table ATS 1-ATS Route Network	-	ATS route UL602 not implemented in Damascus FIR  ATS route UL602 not implemented	Dec, 2003	Segments ELEXI- DRZ-GAZ not implemented.	S	Syria to implement ELEXI-DRZ and to coordinate with Turkey for the implementation of DRZ-GAZ.  Corrective Action Plan has not been provided by the State	Syria	Dec, 2014  Dec, 2015	B

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

C-17

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
3	Annex 11 Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plans  Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Draft available. -	H O	Need to develop and promulgate contingency plans for implementation in the event of disruption of ATS and related supporting services.  Corrective Action Plan has not been provided by the State	Syria	Dec, 2014 Dec, 2015	A
4	Annex 11 Para 3.3.5.1	-	Reporting unsatisfactory CFRs and LHDs to MIDRMA  Reporting unsatisfactory LHDs to MIDRMA	Oct, 2013	Syria to coordinate with MIDRMA.	H	Reporting unsatisfactory CFRs and LHDs to MIDRMA.  Corrective Action Plan has not been provided by the State	Syria	Dec, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

### Deficiencies in the ATM Field

#### UAE

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan  Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies.  Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Plan completed and Agreements signed with Bahrain and Oman. Others pending.  Plan completed and Agreements signed with Bahrain, Iran, Oman and Saudi Arabia. The plan next is to sign with Qatar after the finalisation of the LoA.	O	Need to develop and promulgate contingency plans for implementation in the event of disruption of ATS and related supporting services signed with Oman, pending signature with Bahrain, Iran and Qatar.  Corrective Action Plan has not been provided by the State	UAE	Dec, 2014 Jun, 2015	A
2	MID ANP Table ATS 1 Plan of ATS routes  MID ANP Table ATS 1-ATS Route Network	-	ATS routes A418/UP574 not implemented KUMUN— PAPAR  ATS routes A418/UP574 not implemented	Dec, 2006	KUMUN-PAPAR segment not implemented.	S	States to continue negotiations with one another.  The UAE considers options for a resolution to be exhausted  Corrective Action Plan has not been provided by the State	Iran- UAE	Dec, 2014 Jun, 2015	B

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

C-19

## Deficiencies in the ATM Field

## YEMEN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	<del>Annex 11</del> Para. 2.30 Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	<del>Development of contingency plan</del> Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs	Nov, 2006	<del>Ongoing—signed with Oman.</del> Contingency Agreement signed only with Oman.	H O	<del>Need to develop and promulgate contingency plan for implementation in the event of disruption of ATS and related supporting services with all neighboring States.</del> Corrective Action Plan has not been provided by the State	Yemen	<del>Dec, 2014</del> Dec, 2015	A
2	Annex 11 Para 3.3.5.1	-	Granting RVSM approvals for aircraft without known high-keeping monitoring results	Dec, 2012	-	Θ H O	- Corrective Action Plan has not been provided by the State	Yemen	<del>Jun, 2014</del> Dec, 2015	U A
3	Annex 11 Para 3.3.5.1	-	<del>Reporting Unsatisfactory CFRs and LHDs to MIDRMA</del> Reporting Unsatisfactory LHDs to MIDRMA	Oct, 2013	Yemen to coordinate with MIDRMA.	H	<del>Reporting Unsatisfactory CFRs and LHDs.</del> Corrective Action Plan has not been provided by the State	Yemen	<del>Dec, 2014</del> Dec, 2015	A

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<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

APPENDIX D

Deficiencies in the CNS Field

BAHRAIN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	AFTN Rationalized Plan (LIM-MID RAN Rec 6/6, 6/9 and MIDANPIRG/4 Conclusion 4/19).	Afghanistan-Bahrain Kabul-Bahrain AFTN Circuit	The circuit is not yet implemented.	Oct, 1998	Bahrain is ready to implement the circuit.	Ø	Bahrain side ready. Bahrain service provider (BATELCO) informed they can supply VSAT connection. No information from Afghanistan.	Afghanistan-Bahrain	Sep, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**Deficiencies in the CNS Field**

**EGYPT**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

D-3

### Deficiencies in the CNS Field

#### IRAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	MID ANP (AFTN Rationalized Plan).	Afghanistan-Iran-Kabul-Tehran AFTN Circuit	The circuit is not yet implemented.	Oct, 1998	<del>VSAT network to be implemented.</del> VSAT network to be implemented.Iran advised that they are ready. No information from Afghanistan		<del>Iran advised that they are ready.</del> No information from Afghanistan No Corrective Action Plan submitted by the State	Afghanistan-Iran	<del>Sep, 2014</del> Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



### Deficiencies in the CNS Field

#### IRAQ

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ATS Direct Speech Circuit Iraq-Syria.	ATS Direct Speech circuit	ATS Direct speech circuit is needed.	Oct, 2008	<del>In progress between Iraq and Syria.</del> In progress between Iraq and Syria. Iraq advised that they can provide VSAT.	O	<del>Iraq advised that they can provide VSAT.</del> No Corrective Action Plan submitted by the State	Iraq- Syria	<del>Jun, 2014</del> Dec, 2015	<del>U</del> A
2	MID FASID.	Baghdad VOR	VOR not installed.	Jan, 2009	<del>In progress.</del> In progress. Iraq advised that all NAV AIDs will be installed according to the master plan.	O	<del>Iraq advised that all NAV AIDs will be installed according to the master plan.</del> No Corrective Action Plan submitted by the State	Iraq	<del>Sep, 2014</del> Dec, 2015	<del>U</del> A
3	MID FASID.	Baghdad DME	DME not installed.	Jan, 2009	<del>In progress.</del> In progress. Iraq advised that all NAV AIDs will be installed according to the master plan.	O	<del>Iraq advised that all NAV AIDs will be installed according to the master plan.</del> No Corrective Action Plan submitted by the State	Iraq	<del>Sep, 2014</del> Dec, 2015	<del>U</del> A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

D-5

# Deficiencies in the CNS Field

## JORDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	MID ANP (AFTN Rationalized Plan).	Jordan-Lebanon-Amman-Beirut AFTN Circuit	AFTN Circuit is not yet implemented.	Oct, 1998	Jordan is ready to implement the circuit.	S	Jordan is already co-ordinating with Lebanon. Corrective Action Plan was submitted and Circuit will be implemented using VPN	Jordan- Lebanon	Sep, 2014 Jun, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**Deficiencies in the CNS Field**

**KUWAIT**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

D-7

# Deficiencies in the CNS Field

## LEBANON

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	MID ANP (AFTN Rationalized Plan).	Amman-Beirut AFTN Circuit	AFTN Circuit is not yet implemented.	Oct, 1998	<p><del>Lebanon working on the implementation of the circuit.</del></p> <p>Lebanon working on the implementation of the circuit.</p> <p>If problem persists, another alternative should be proposed in the MID AFTN Plan.</p>		<p><del>If problem persists, another alternative should be proposed in the MID AFTN Plan.</del></p> <p>No update received from Lebanon</p> <p>Action Plan was submitted and Circuit will be implemented using VPN</p>	Jordan- Lebanon	<p><del>Sep, 2014</del></p> <p>Jun, 2015</p>	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**Deficiencies in the CNS Field**

**LIBYA**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

D-9

### Deficiencies in the CNS Field

#### OMAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Direct Speech Circuit (LIM MID RAN) in Oman and Yemen.	Direct speech Circuit	Direct Speech circuit is required.	Oct, 1998	Under implementation.	O	<p><del>Oman Ready.</del></p> <p>Oman and Yemen are working to implement the circuit</p> <p>Oman is ready to connect with Yemen however Yemen is still not ready.</p>	Oman- Yemen	<p><del>Sep, 2014</del></p> <p>Dec, 2015</p>	<p><del>A</del></p> <p>B</p>

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

## QATAR

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

### No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

D-11

**Deficiencies in the CNS Field**

**SAUDI ARABIA**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



**Deficiencies in the CNS Field**

**SUDAN**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

D-13

### Deficiencies in the CNS Field

#### SYRIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	ATS Direct Speech Circuit Syria- Iraq.	ATS Direct Speech Circuit	Direct Speech circuit required between Syria and Iraq.	Oct, 2008	Matter pending in Syria.	O	Iraq advised they are ready to provide VSAT for the implementation.	Syria- Iraq	Sep, 2014 Dec, 2015	U A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the CNS Field  
UAE

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

D-15

### Deficiencies in the CNS Field

#### YEMEN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Direct Speech Circuit with Adjacent Centre in Djibouti.	Direct Speech Circuit	Requirement for a Direct Speech Circuit with Adjacent Centre Djibouti.	Oct, 1998	No updates received from Yemen.	O	<del>No updates received from Yemen.</del>  No Corrective Action Plan submitted by the State	Yemen- Djibouti	<del>Sep, 2014</del> Dec, 2015	A
2	Direct Speech Circuit with Adjacent Centre in India.	Direct Speech Circuit	Direct speech Circuit with Adjacent Centre in India.	Oct, 1998	No updates received from Yemen.	O	<del>No updates received from Yemen.</del>  No Corrective Action Plan submitted by the State	Yemen- India	<del>Sep, 2014</del> Dec, 2015	A
3	Direct SPEech Circuit with Adjacent Centers in Oman and Yemen.	Direct Speech Circuit	Requirement for a Direct SPEech Circuit with Adjacent center Oman.	Oct, 1998	<del>No updates received from Yemen.</del> No updates received from Yemen. Establish a direct Speech Circuit with Adjacent centre in Oman. Oman Ready.	O	<del>Establish a direct Speech Circuit with Adjacent centre in Oman.</del> Oman Ready. No update from Yemen. No Corrective Action Plan submitted by the State	Yemen- Oman	<del>Sep, 2014</del> Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
4	Direct speech Circuits with Adjacent Centres in Eritrea and Somalia.	Direct Speech Circuit	Requirement for direct speech Circuits with adjacent Centres in Eritrea and Somalia.	Oct, 1998	No updates received from Yemen.	O	<del>No updates received from Yemen.</del>  No Corrective Action Plan submitted by the State	Yemen- Eritrea-Somalia	<del>Sep, 2014</del> Dec, 2015	A

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<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

APPENDIX E

Deficiencies in the SAR Field

BAHRAIN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighbouring States	Nov, 1994	-	S	Bahrain is ready and willing to sign the SAR agreements with all its neighboring States, a draft copy already sent to the concerned States.	Bahrain	Jun, 2014	A
2	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	Communication exercise done on January 2013.  Full scale exercise done in 2012 and reschedule for 2014.  Coordination exercise planned for 2014.	Bahrain	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the SAR Field

EGYPT

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Egypt has promulgated regulations and started development of SAR agreement with Cyprus and other States	Egypt with neighboring States	Dec, 2014	A
2	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Egypt	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

# Deficiencies in the SAR Field

## IRAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements	Iran with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Iran	Dec, 2014 Dec, 2015	A
3	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Iran	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



Deficiencies in the SAR Field

IRAQ

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements. Signed with Jordan	Iraq with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Iraq	Dec, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
3	<del>Annex 6 Vol I, para. 6.17</del> <del>Annex 10, Vol III, para. 5.1</del> <del>Annex 12 para. 2.6.4</del>  Annex 6 Part I, Chap.6 and Part II Chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Iraq	<del>Dec, 2014</del> Dec, 2015	A
4	<del>Annex 12 Para. 4.2.1 &amp; 4.4</del>	-	<del>Lack of Plans of operations for the conduct of SAR operations and SAR exercises</del>	Apr, 2012	-	O	-	Iraq	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the SAR Field

JORDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements. Signed with Iraq	Jordan	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

# Deficiencies in the SAR Field

## KUWAIT

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements	Kuwait with neighboring States	Dec, 2014	A
2	Annex 6 Vol I, para. 6.17 Annex 10, Vol III, para. 5.1 Annex 12 para. 2.6.4  Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Kuwait	Dec, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
3	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	Ø	-	Kuwait	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

# Deficiencies in the SAR Field

## LEBANON

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements. Agreement signed with Cyprus.	Lebanon with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Lebanon	Dec, 2014 Dec, 2015	A
3	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Lebanon	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the SAR Field

LIBYA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 6 Part I chap. 6 and Part II chap. 2  Annex 10, Vol III, Chap. 5  Annex 12 para. 2.6.4	-	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Dec, 2014	-	H O S	Corrective Action Plan has not been provided by the State	Libya	Dec, 2015	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Dec, 2014	-	H O S	Corrective Action Plan has not been provided by the State	Libya	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

# Deficiencies in the SAR Field

## OMAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Agreement signed with Saudi Arabia.  Work ongoing to sign the remaining agreements	Oman with neighboring States	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



Deficiencies in the SAR Field

QATAR

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	-	Qatar and Bahrain	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Qatar	Dec, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
3	<del>Annex 6 Vol I, para. 6.17</del> <del>Annex 10, Vol III, para. 5.1</del> <del>Annex 12 para. 2.6.4</del>  Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Qatar	<del>Dec, 2014</del> Dec, 2015	A
4	<del>Annex 12 Para. 4.2.1 &amp; 4.4</del>	-	<del>Lack of Plans of operations for the conduct of SAR operations and SAR exercises</del>	Apr, 2012	-	O	-	Qatar	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

### Deficiencies in the SAR Field

#### SAUDI ARABIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	SAR National Board established. Agreement signed with Oman. Work ongoing to sign the remaining agreements.	Saudi Arabia with neighboring States	Dec, 2014	A
2	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Saudi Arabia	Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

E-15

**Deficiencies in the SAR Field**

**SUDAN**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

### Deficiencies in the SAR Field

#### SYRIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing to sign agreements. Agreement with Turkey and Cyprus completed. Agreement with Iraq, Jordan and Lebanon pending	Syria with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Syria	Jan, 2015 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
3	Annex 6 Vol I, para. 6.17 Annex 10, Vol III, para. 5.1 Annex 12 para. 2.6.4  Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Syria	Jan, 2015 Dec, 2015	A
4	Annex 12 Para. 4.2.1 & 4.4	-	Lack of Plans of operations for the conduct of SAR operations and SAR exercises	Apr, 2012	-	O	-	Syria	Jan, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

### Deficiencies in the SAR Field

#### UAE

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
4	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	Work ongoing. The agreement with Bahrain and Oman to be updated and the one with Iran is being coordinated.  UAE developed a draft agreement and efforts are in place to sign with Bahrain and Oman in the near future. negotiations will take place with Saudi Arabia and Qatar through the next GCC meeting for the same.	UAE with neighboring States	Dec, 2014 Jun, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

# Deficiencies in the SAR Field

## YEMEN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 12 Para. 3.1.1 & 3.1.5	-	Lack of Search and Rescue Agreements with neighboring States	Nov, 1994	-	S	-	Yemen with neighboring States	Dec, 2014	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Yemen	Dec, 2014 Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
3	<del>Annex 6 Vol I, para. 6.17</del> <del>Annex 10, Vol III, para. 5.1</del> <del>Annex 12 para. 2.6.4</del>  Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	<del>ELT</del> -	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	O	- Corrective Action Plan has not been provided by the State	Yemen	<del>Dec, 2014</del> Dec, 2015	A
4	<del>Annex 12 Para. 4.2.1 &amp; 4.4</del>	-	<del>Lack of Plans of operations for the conduct of SAR operations and SAR exercises</del>	<del>Apr, 2012</del>	-	<del>O</del>	-	<del>Yemen</del>	<del>Dec, 2014</del>	<del>A</del>

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<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**APPENDIX F**

**Deficiencies in the MET Field**

**BAHRAIN**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the MET Field

EGYPT

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	MID FASID Table MET 1A	HEOW METAR and 30-hour TAF	not available internationally HEOW METAR and 30-hour TAF not available internationally	Nov, 2013	newly reported	O	HEOW-OPMET Data to be routed to ROC Vienna (LOZZMMID) No corrective action plan submitted by the State	Egypt	May, 2014 Dec, 2014	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

F-3

# Deficiencies in the MET Field

## IRAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	QMS - MET Para 2.2 of Annex 3	Meteorological information to be supplied to users listed in 2.1.2 of Annex 3	Confirmation of QMS for MET not yet received	Sep, 2014	(USOAP - CMA finding)	O	No corrective action plan submitted by the State	Iran	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the MET Field

IRAQ

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	MID FASID Table MET-1A	ORSU METAR	ORSU METAR not available internationally	Nov, 2013	-	Θ	ORSU METAR to be routed to ROC Vienna (LOZZMMID)	Iraq	May, 2014	A
2	QMS - MET para 2.2 of Annex 3	Meteorological information to be supplied to users listed in 2.1.2 of Annex 3	confirmation of QMS for MET not yet received	Sep, 2014	-	O	no corrective action plan submitted by the State	Iraq	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

F-5

# Deficiencies in the MET Field

## JORDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	QMS—MET para 2.2 of Annex 3	Meteorological information to be supplied to users listed in 2.1.2 of Annex 3	confirmation of QMS for MET not yet received	Sep, 2014	(USOAP-CMA finding)	O	no corrective action plan submitted by the State	Jordan	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**Deficiencies in the MET Field**

**KUWAIT**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

F-7

Deficiencies in the MET Field

LEBANON

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	QMS - MET para 2.2 of Annex 3	Meteorological information to be supplied to users listed in 2.1.2 of Annex 3	confirmation of QMS for MET not yet received	Sep, 2014	(USOAP - CMA finding)	O	no corrective action plan submitted by the State	Lebanon	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



**Deficiencies in the MET Field**

**LIBYA**

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	QMS - MET para 2.2 of Annex 3	Meteorological information to be supplied to users listed in 2.1.2 of Annex 3	confirmation of QMS for MET not yet received	Sep, 2014	(USOAP - CMA finding)	O	no corrective action plan submitted by the State	Libya	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the MET Field

OMAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	QMS - MET para 2.2 of Annex 3	Meteorological information to be supplied to users listed in 2.1.2 of Annex 3	confirmation of QMS for MET not yet received	Sep, 2014	(USOAP-CMA finding)	O	no corrective action plan submitted by the State	Oman	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the MET Field

QATAR

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

F-11

**Deficiencies in the MET Field**

**SAUDI ARABIA**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**Deficiencies in the MET Field**

**SUDAN**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

# Deficiencies in the MET Field

## SYRIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	MID FASID Table MET 1A	OSAP METAR and 24-hour TAF	OSAP METAR and 24-hour TAF not available internationally	Nov, 2013	newly reported	O	OSAP-OPMET data to be routed to ROC Vienna (LOZZMMID)  no corrective action plan submitted by the State	Syria	Aug, 2014 Dec, 2014	A
2	QMS - MET para 2.2 of Annex 3	Meteorological information to be supplied to users listed in 2.1.2 of Annex 3	confirmation of QMS for MET not yet received	Sep, 2014	(USOAP - CMA finding)	O	no corrective action plan submitted by the State	Syria	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

**Deficiencies in the MET Field**

**UAE**

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial                      “H”= Human Resources                      “S”= State (Military/political)                      “O”= Other unknown causes

F-15

Deficiencies in the MET Field

YEMEN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	QMS - MET para 2.2 of Annex 3	Meteorological information to be supplied to users listed in 2.1.2 of Annex 3	confirmation of QMS for MET not yet received	Sep, 2014	-	O	no corrective action plan submitted by the State	Yemen	Dec, 2015	A

<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes



**Note:\*** Priority for action to remedy a deficiency is based on the following safety assessments:

**'U' priority = Urgent requirements having a direct impact on safety and requiring immediate corrective actions.**

**Urgent requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is urgently required for air navigation safety.**

**'A' priority = Top priority requirements necessary for air navigation safety.**

**Top priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation safety.**

**'B' priority = Intermediate requirements necessary for air navigation regularity and efficiency.**

**Intermediate priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation regularity and efficiency.**

**Definition:**

**A deficiency is a situation where a facility, service or procedure does not comply with a regional air navigation plan approved by the Council, or with related ICAO Standards and Recommended Practices, and which situation has a negative impact on the safety, regularity and/or efficiency of international civil aviation.**

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<sup>(1)</sup> Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

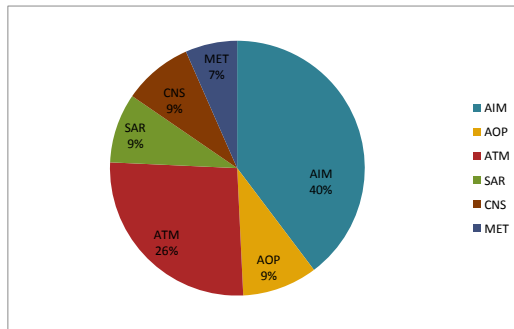
“O”= Other unknown causes

APPENDIX G

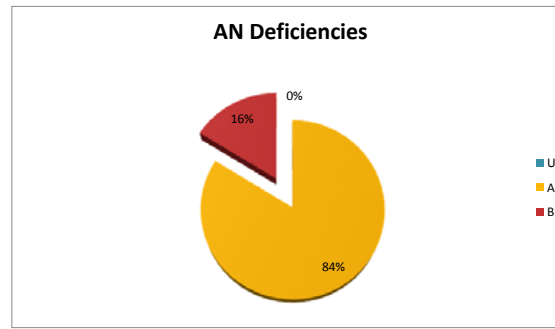
AIR NAVIGATION DEFICIENCIES IN THE THE MID REGION

STATE	AIM							Total AIS	AOP							Total AOP	ATM							Total ATM	SAR							Total SAR	CNS							Total CNS	MET							Total MET			
	Priority			Rational					Priority			Rational					Priority			Rational					Priority			Rational					Priority			Rational					Priority			Rational							
	U	A	B	F	H	S	O		U	A	B	F	H	S	O		U	A	B	F	H	S	O		U	A	B	F	H	S	O		U	A	B	F	H	S	O		U	A	B	F	H	S	O				
Bahrain							0							0										0																							0				
Egypt		1					1			2		2	1		1		2		1	2		1	2		3																						1	1			
Iran		2					2			1		1	1		1		2		2	2		2	1	2		4																					1	1			
Iraq		8	1	7	7	1	8			1		1	1		1		1		5		4	2		6		2																					1	1			
Jordan		2	1	3	3		3			1	1	2	1		2		1		1		1		1		1																						0				
Kuwait							0								0		2			1	1		2		1																						0				
Lebanon		4	1		3		2			1		1	1		1		3			1	1	1	3		1																						1	1			
Libya		5	1				6			1		1	1		1		2			1	1	2	2		2				2	2	2																1	1			
Oman		4					4								0		2			1	1		2																								1	1			
Qatar							0								0		1				1		1		1																							0			
Saudi Arabia			1				1								0		2			1	1		2																									0			
Sudan		4	1				5			1		1	1		1		1		1		1	1	1		1																						0				
Syria		9	1	7	8	1	3			3		3	3		3		2		2		2	1	4		2																						2	2			
UAE							0								0		1	1			1	1	2																									0			
Yemen		7	1	4	2		4			1		1	1		1		3			3		2	3		2																						1	1			
Total	0	46	8	21	23	2	36	5	4	8	0	12	1	13	11	0	2	13	0	24	12	0	15	17	12	36	0	12	0	0	2	2	12	12	2	0	11	1	0	0	2	10	12	0	9	0	0	0	9	9	136

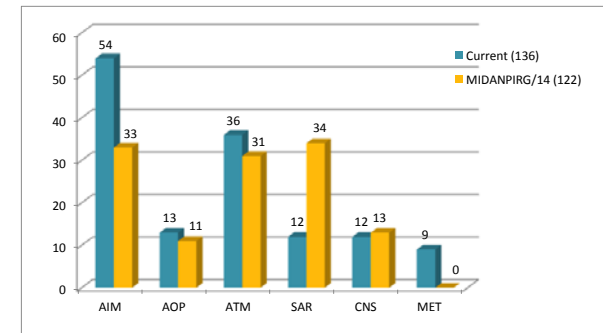
Distribution of Air Navigation deficiencies by field in %

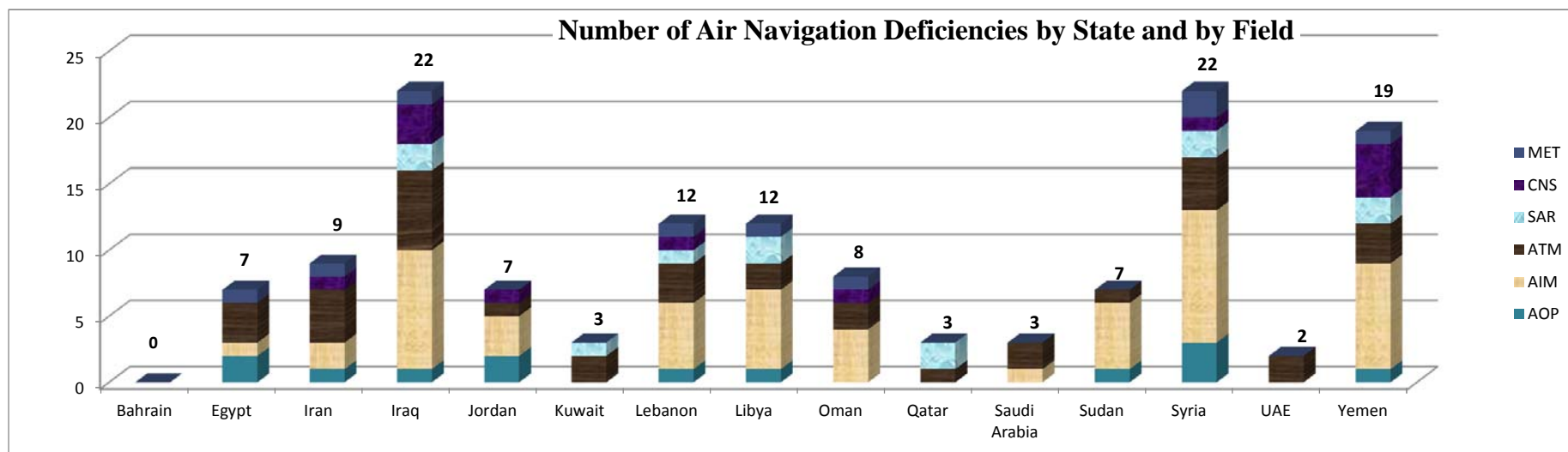


Distribution of Air navigation deficiencies by priority in %



Reported Deficiencies by field (MIDANPIRG/15 vs MIDANPIRG/14)





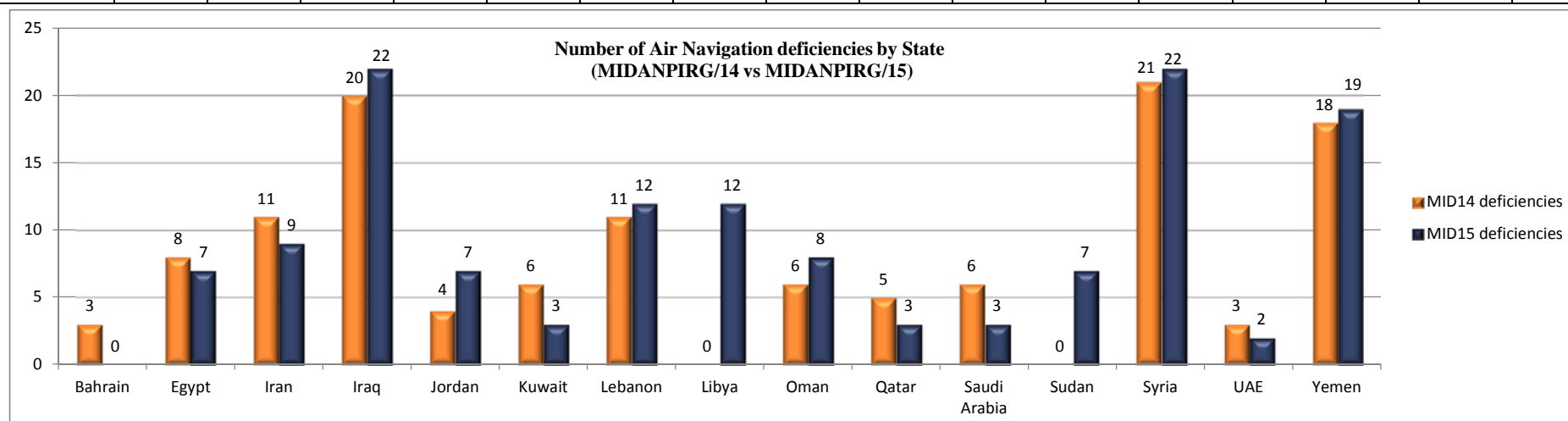
Deficiencies approved by MIDANPIRG/15

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	Total
AOP	0	2	1	1	2	0	1	1	0	0	0	1	3	0	1	13
AIM	0	1	2	9	3	0	5	6	4	0	1	5	10	0	8	54
ATM	0	3	4	6	1	2	3	2	2	1	2	1	4	2	3	36
SAR	0	0	0	2	0	1	1	2	0	2	0	0	2	0	2	12
CNS	0	0	1	3	1	0	1	0	1	0	0	0	1	0	4	12
MET	0	1	1	1	0	0	1	1	1	0	0	0	2	0	1	9
TOTAL	0	7	9	22	7	3	12	12	8	3	3	7	22	2	19	136

Deficiencies approved by MIDANPIRG/14

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	Total
<b>AOP</b>	0	3	1	1	0	0	1	-	0	0	0	-	4	0	1	<b>11</b>
<b>AIS/MAP</b>	0	0	3	7	1	1	3	-	2	0	2	-	8	0	6	<b>33</b>
<b>ATM</b>	0	3	3	5	1	2	3	-	2	1	2	-	4	2	3	<b>31</b>
<b>SAR</b>	2	2	3	4	1	3	3	-	1	4	2	-	4	1	4	<b>34</b>
<b>CNS</b>	1	0	1	3	1	0	1	-	1	0	0	-	1	0	4	<b>13</b>
<b>MET</b>	0	0	0	0	0	0	0	-	0	0	0	-	0	0	0	<b>0</b>
<b>TOTAL</b>	<b>3</b>	<b>8</b>	<b>11</b>	<b>20</b>	<b>4</b>	<b>6</b>	<b>11</b>	<b>-</b>	<b>6</b>	<b>5</b>	<b>6</b>	<b>-</b>	<b>21</b>	<b>3</b>	<b>18</b>	<b>122</b>

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	Total
<b>MID14 deficiencies</b>	<b>3</b>	<b>8</b>	<b>11</b>	<b>20</b>	<b>4</b>	<b>6</b>	<b>11</b>	<b>-</b>	<b>6</b>	<b>5</b>	<b>6</b>	<b>-</b>	<b>21</b>	<b>3</b>	<b>18</b>	<b>122</b>
<b>MID15 deficiencies</b>	<b>0</b>	<b>7</b>	<b>9</b>	<b>22</b>	<b>7</b>	<b>3</b>	<b>12</b>	<b>12</b>	<b>8</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>22</b>	<b>2</b>	<b>19</b>	<b>136</b>



- END -