



*International Civil Aviation Organization*

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

**Sixteenth Meeting (MIDANPIRG/16)  
(Kuwait, 13 – 16 February 2017)**

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**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/2 Report
- ANSIG/2 Report
- ATM SG/2 Report
- CNS SG/7 Report
- MET SG/6 Report
- MIDANPIRG/15 Report
- MSG/5 Report

**1. INTRODUCTION**

1.1 The MSG/5 meeting noted with concern that the majority of deficiencies listed in the MANDD have no specific Corrective Action Plan (CAP) and urged States to implement the provisions of MIDANPIRG Conclusion 15/35 related to elimination of Air navigation Deficiencies. Accordingly, the meeting urged States to use the MANDD to update their Air Navigation Deficiencies, submit a CAP for each current deficiency, and request the deletion of those deficiencies for which required mitigation measures have been implemented, through formal correspondence with the ICAO MID Office with necessary evidences.

**2. DISCUSSION**

2.1 The meeting may wish to recall that the MIDANPIRG/15 meeting agreed to the following Conclusion to replace and supersede the MIDANPIRG/14 Conclusion 14/32 related to elimination of Air navigation Deficiencies:

*CONCLUSION 15/35: AIR NAVIGATION DEFICIENCIES*

*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, including the submission of a specific Corrective Action Plan (CAP) for each deficiency; 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, the ICAO MID Regional Office issued State Letter Ref. AN 2/2 - 15/351 dated 29 December 2015 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 31 January 2016.

2.3 The meeting may wish to note that:

2.3.1 **AOP field.**

- No new deficiency has been reported. Considering that Jordan has implemented aerodrome certification in Amman/Queen Alia International Airport, it is proposed to update the deficiency related to aerodrome certification for Jordan to delete QAIA from the deficiency.

2.3.2 **AIM field.**

- No new deficiency has been reported. Considering that the implementation of an Aeronautical Information Conceptual/Exchange Model is the main pre-requisite for AIS Automation; agreed that the Deficiencies related to AIS Automation be described as “Lack of implementation of an AIXM-based AIS Database”.
- In order to ensure an effective monitoring of AIRAC Adherence; agreed to change the description of the Deficiencies related to AIRAC adherence to “Lack of implementation of an AIRAC adherence monitoring system”.

2.3.3 **ATM field.**

- No new deficiency has been reported in the ATM field. Two (2) deficiencies on Iran and Lebanon, related to reporting of LHD, are proposed to be deleted.

2.3.4 **SAR field.**

- No new deficiency has been reported in the SAR field.

2.3.5 **CNS field.**

- No new deficiency has been reported. The CNS SG/7 meeting discussed the deficiency related to the AFTN circuit between Iran and Afghanistan. The meeting recalled that Afghanistan was one of the States of the MID Region and accordingly this was a MID Region requirement. Since Afghanistan is now part of the APAC Region, there is no such

MID Region AFTN circuit requirement and CNS SG/6 proposed to delete this requirement. The Pfa to the MID eANP Volume II would also be initiated accordingly.

### 2.3.6 ***MET field***

- The MET SG/6 meeting agreed that if SADIS is not implemented by Iran, Lebanon and Syria until MIDANPIRG/16, a deficiency would be filed against these States in the MANDD. In this respect, it is to be noted that SADIS was discontinued due to non-payment related to sanctions imposed on Iran and Syria. The MET SG will explore options related to implementing SADIS FTP for Iran and Syria. Therefore, it is proposed that only Lebanon would be considered for inclusion in the MANDD for the non-implementation of SADIS.
- The MET SG/6 meeting agreed to remove Iran from the list of deficiencies related to the implementation of QMS in MET, since the Meteorological Organization of Iran has implemented ISO 9001 in October 2015.
- The deficiency listed for HEOW is proposed to be removed from the MANDD for the following two reasons: 1) HEOW is no longer an AOP aerodrome; and 2) confirmed 30-hour TAF for HEOW was available on SADIS on 14 October 2016.

2.4 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.

2.5 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 would be **123** deficiencies compared to **127** deficiencies approved by MIDANPIRG/15.
- 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 43.1%, AOP 10.6%, ATM 22.8%, CNS 7.3%, MET 6.5% and SAR 9.8%.
- The distribution of air navigation deficiencies by priority is shown in **Appendix G** as follows: 0% "U", 84% "A", and 16% "B":

2.6 It's also to be highlighted that:

- a. Although the MIDANPIG Conclusion 15/35 urged States to submit a specific Corrective Action Plan (CAP) for each deficiency, the majority of States have not yet provided CAPs for their deficiencies. Accordingly, even the dates of completion of the deficiencies are not updated.
- b. Some deficiencies (e.g. VOR and DME in Baghdad International Airport, etc.) are related to old requirements of the previous ANP Basic and FASID. However, after the completion of transition to the new MID eANP (VOL I, II and III) on 15 February 2016, some of those requirements might be included in the new eANP in a more general way based on the PBA approach; and consequently some of the data included in the MANDD (in particular the Reference) should be updated.

- c. In the AOP field; the current total number of AOP deficiencies is thirteen (13); twelve (12) priority “A” and one (1) priority “B” deficiencies. Nine (9) deficiencies are related to aerodrome certification; three (3) related to runway physical characteristics; and one (1) related to apron lighting. The lack of implementation of aerodromes’ certification represents 70% of these deficiencies.
- d. In the AIM field; the current total number of AIM deficiencies is fifty three (53); forty six (46) priority “A” and seven (7) priority “B” deficiencies. Seventeen (17) deficiencies are related to eTOD; thirteen (13) related to AIP and aeronautical charts; seven (7) related to QMS; six (6) related to AIXM; four (4) related to pre-flight information services; three (3) related to WGS-84; and three (3) related to AIRAC adherence.
- e. In the ATM field; the current total number is thirty (30); seventeen (19) priority “A” and eleven (11) priority “B” deficiencies. Eleven (11) deficiencies are related to the non-implementation of planned regional ATS Routes; thirteen (13) related to the uncompleted signature of contingency agreements, and six (6) related to unsatisfactory reporting of large Height deviation (LHD) to the MIDRMA
- f. In the CNS field; the current total number of CNS deficiencies is ten (10); nine (9) priority “A” and one (1) priority “B” deficiencies. Seven (7) deficiencies are related to ATS Direct speech circuits; two (2) related to NAV AIDs; and one (1) related to AFTN.
- g. In the MET field; the current total number of MET deficiencies is nine (9) priority “A” deficiencies. Seven (7) deficiencies are related to QMS; and two (2) related to provision of METAR and TAF.
- h. In the SAR field; the current total number is twelve (12) priority “A” 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, update and approve the air navigation deficiencies at **Appendices A, B, C, D, E and F**;
- b) take action, as appropriate on para. 2.6 (items a and b);
- c) urge States to:
  - i. implement the provisions of the MIDANPIRG/15 Conclusion 15/35 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, 2016	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. 3.2	-	Non-production of Aerodrome Obstacle Chart-ICAO Type A	May, 1995	-	O	No Corrective Action Plan submitted by the State	Iran	Dec, 2016	A
2	<del>ANNEX 15: Para. 3.6.5</del> ANNEX 15: Para. 3.6	-	<del>Lack of AIS automation</del> Lack of AIXM-based AIS Database	Dec, 2007	-	O	No Corrective Action Plan submitted by the State	Iran	Dec, 2016	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

## 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	No Corrective Action Plan submitted by the State	Iraq	Dec, 2016	B
2	ANNEX 4: Para. 13.2	-	Non-production of Aerodrome/ Heliport Chart - ICAO	May, 1995	-	F H O	No Corrective Action Plan submitted by the State	Iraq	Dec, 2016	A
3	ANNEX 15: Para 1.2.1 Para 1.2.2	-	Implementation of WGS-84	Dec, 1997	-	F H O	No Corrective Action Plan submitted by the State	Iraq	Dec, 2016	A
4	ANNEX 15: Para. 3.7	-	Implementation of a Quality System	Jan, 2003	-	F H O	No Corrective Action Plan submitted by the State	Iraq	Dec, 2016	A
5	ANNEX 4: Para. 11.2	-	Non-production of Instrument Approach Chart-ICAO	Jan, 2003	-	F H O	No Corrective Action Plan submitted by the State	Iraq	Dec, 2016	A
6	ANNEX 15: Para. 8.1	-	Non provision of pre-flight information service at international airports	Mar, 2004	-	F H O	No Corrective Action Plan submitted by the State	Iraq	Dec, 2016	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	Iraq	Dec, 2016	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
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	Iraq	Dec, 2016	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

## 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 – ICAO1:1 000 000	Feb, 2008	-	F H	No Corrective Action Plan submitted by the State	Jordan	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	-	F H	No Corrective Action Plan submitted by the State	Jordan	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	-	F H	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 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

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

## 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 – ICAO1:1 000 000	May, 1995	-	H	No Corrective Action Plan submitted by the State	Lebanon	Dec, 2016	B
2	ANNEX 15:Para. 3.7	-	Implementation of a Quality System	Jan, 2003	(USOAP-CMA finding)	H	No Corrective Action Plan submitted by the State	Lebanon	Dec, 2016	A
3	ANNEX 15:Para. 1.2.2	-	Implementation of geoid undulation referenced to the WGS-84 ellipsoid.	Jan, 2003	-	H	No Corrective Action Plan submitted by the State	Lebanon	Dec, 2016	A
4	ANNEX 15: Para. 10.1.3	-	Lack of the required Terrain Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Lebanon	Dec, 2016	A
5	ANNEX 15: Para. 10.1.3	-	Lack of the required Obstacle Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Lebanon	Dec, 2016	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, 2016	B
2	ANNEX 15: Para. 3.7	-	Implementation of a Quality System	May, 2014	(USOAP-CMA finding)	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2016	A
3	ANNEX 15: Para 6.	-	Lack of implementation of AIRAC System  Lack of a system for AIRAC adherence monitoring	May, 2014	-	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2016	A
4	ANNEX 15: Para. 3.6.5  ANNEX 15: Para. 3.6	-	Lack of AIS automation  Lack of AIXM-based AIS Database	May, 2014	-	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2016	A
5	ANNEX 15: Para. 10.1.3	-	Lack of the required Terrain Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2016	A
6	ANNEX 15: Para. 10.1.3	-	Lack of the required Obstacle Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Libya	Dec, 2016	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

## 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. 3.7	-	Implementation of a Quality System	Jan, 2003	(USOAP-CMA finding)	O	The Public Authority for Civil Aviation has contracted with the Avitech Company for the development and implementation of a Quality Management System (QMS). QMS manuals and documentation are currently in draft form with approval and implementation expected in January 2016	Oman	Dec, 2016	B A
2	<del>ANNEX 15: Para. 3.6.5 Para. 8.2</del> ANNEX 15: Para. 3.6	-	<del>Lack of AIS automation</del> Lack of AIXM-based AIS Database	Jul, 2005	-	O	The Public Authority for Civil Aviation is working with the Comsoft Company to complete the process of AIS automation. Completion is estimated for January 2016.	Oman	Dec, 2016	B A
3	ANNEX 15: Para. 10.1.3	-	Lack of the required Terrain Datasets for eTOD Area 1	May, 2014	The required terrain datasets for eTOD Areas 1 and 4 will be a long-term project.	O	In 2014 The Public Authority for Civil Aviation received eTOD presentations from 2 different service providers. There has been no formal decision on when eTOD for Areas 1 and 4 will be implemented.	Oman	Dec, 2016	B A

(1) 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	ANNEX 15: Para. 10.1.3	-	Lack of the required Obstacle Datasets for eTOD Area 1	May, 2014	The required obstacle datasets for eTOD Areas 1 and 4 will be a long-term project.	O	In 2014 The Public Authority for Civil Aviation received eTOD presentations from 2 different service providers. There has been no formal decision on when eTOD for Areas 1 and 4 will be implemented.	Oman	Dec, 2016	B A

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

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“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

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"S"= State (Military/political)

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**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	No Corrective Action Plan submitted by the State	Saudi Arabia	Dec, 2016	A

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

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"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, 2016	B
2	ANNEX 15: Para. 3.7	-	Implementation of a Quality System	May, 2014	(USOAP-CMA finding)	O	No Corrective Action Plan submitted by the State	Sudan	Dec, 2016	A
3	<del>ANNEX 15: Para. 3.6.5</del> ANNEX 15: Para. 3.6	-	<del>Lack of AIS automation</del> Lack of AIXM-based AIS Database	May, 2014	-	O	No Corrective Action Plan submitted by the State	Sudan	Dec, 2016	A
4	ANNEX 15: Para. 10.1.3	-	Lack of the required Terrain Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Sudan	Dec, 2016	A
5	ANNEX 15: Para. 10.1.3	-	Lack of the required Obstacle Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Sudan	Dec, 2016	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

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  Lack of a system for AIRAC adherence monitoring	May, 1995	-	F H	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	A
2	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	May, 1995	-	F H S	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	B
3	ANNEX 15: Para. 3.7	-	Implementation of a Quality System	Jan, 2003	(USOAP-CMA finding)	F H	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	A
4	ANNEX 15: Para. 1.2.2	-	Implementation of geoid undulation referenced to the WGS-84 ellipsoid.	Jan, 2003	-	F H	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	A
5	ANNEX 15: Para 4.2.9 & 4.3.7	-	Lack of regular and effective updating of the AIP	Jul, 2005	-	F H O	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	A
6	ANNEX 15 Para. 4.	-	Lack of consistency between the different Sections of the AIP containing the same information.	Jul, 2005	-	H	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	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	
7	ANNEX 15: Para. 3.6.5  ANNEX 15: Para. 3.6	-	Lack of AIS automation  Lack of AIXM-based AIS Database	Jul, 2005	-	F H	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	A
8	ANNEX 15: Para. 8.1	-	Non provision of pre-flight information service at international airports	Jul, 2005	-	F H	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	A
9	ANNEX 15: Para. 10.1.3	-	Lack of the required Terrain Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	A
10	ANNEX 15: Para. 10.1.3	-	Lack of the required Obstacle Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Syria	Dec, 2016	A

(1) 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.	-	<del>Lack of implementation of AIRAC System</del> Lack of a system for AIRAC adherence monitoring	May, 1995	-	H O	No Corrective Action Plan submitted by the State	Yemen	Dec, 2016	A
2	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	May, 1995	-	F	No Corrective Action Plan submitted by the State	Yemen	Dec, 2016	B
3	ANNEX 15: Para. 3.7	-	Implementation of a Quality System	Jan, 2003	-	F	No Corrective Action Plan submitted by the State	Yemen	Dec, 2016	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	No Corrective Action Plan submitted by the State	Yemen	Dec, 2016	A
5	ANNEX 15: Para. 8.1	-	Non provision of pre-flight information service at international airports	Mar, 2004	-	F H	No Corrective Action Plan submitted by the State	Yemen	Dec, 2016	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
6	ANNEX 15: Para. 3.6.5  ANNEX 15: Para. 3.6	-	Lack of AIS automation  Lack of AIXM-based AIS Database	Jul, 2005	-	F	No Corrective Action Plan submitted by the State	Yemen	Dec, 2016	A
7	ANNEX 15: Para. 10.1.3	-	Lack of the required Terrain Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Yemen	Dec, 2016	A
8	ANNEX 15: Para. 10.1.3	-	Lack of the required Obstacle Datasets for eTOD Area 1	May, 2014	-	O	No Corrective Action Plan submitted by the State	Yemen	Dec, 2016	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	MID Air Navigation Plan MID eANP VOL II Table AOP II-1	Alexandria Int'l Airport	Runway is short and current distance is 7221 FT with runway all up weight maximum 68000kgs	Jul, 2004	✖ -	F O	Corrective Action Plan has not been provided by the State  Upgrade for RWY 04/22 is done, study is carried out with conclusion of MTOW 72000 Kg commensurate the demand aircraft fleet mix serve at the airport taking into consideration the current Rwy characteristics (Length, PCN)	Egypt	Dec, 2015 Jul, 2015	A
2	Annex 14 Vol. 1.4.1, 1.4.4 ANNEX 14 VOL I: Para. 1.4	Luxor, Aswan and Borg El Arab Intl. Airports	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Corrective Action Plan has not been provided by the State  State submitted a letter dated 22/07/2015 stating that all primary  International aerodromes will be certified by the end of November 2018.	Egypt	Dec, 2015 Nov, 2018	A

(1) 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	<del>Annex 14 Vol. 1.4.1, 1.4.3, 1.4.4</del> ANNEX 14 VOL I: Para. 1.4	Imam Khomeini, Mehrabad, Mashhad, Yazd and Tabriz Intl. Airports	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Corrective Action Plan has not been provided by the State	Iran	Dec, 2016	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	<del>Annex 14 Vol. 1.4.1, 1.4.3, 1.4.4</del> ANNEX 14 VOL I: Para. 1.4	Baghdad/ Basrah/ Erbil /Sulaymaniyah / Al Najaf Intl. Airports	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H O	Corrective Action Plan has not been provided 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

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	ANP Volume II Operation of the second runway for Queen Alia Airport MID eANP VOL II Table AOP II-1	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	Corrective Action Plan has not been provided by the State	Jordan	Dec, 2015	B
2	Annex 14 Vol. I ANNEX 14 VOL I: Para. 1.4	Marka and Queen Alia Intl Airport Marka Intl Airport	Implementation of Certification of Aerodromes used for international operations	May, 2015	-	F H	Corrective Action Plan has not been submitted by the State	Jordan	Dec, 2015 Dec, 2017	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**

**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	<del>Annex 14 Vol. 1.4.1, 1.4.4</del> ANNEX 14 VOL I: Para. 1.4	Hariri. Beirut Intl. Airport	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Corrective Action Plan has not been provided 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 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. I ANNEX 14 VOL I: Para. 1.4	Benina, Sebha, and Tripoli Intl Airports	Implementation of Certification of Aerodromes used for international operations	May, 2015	-	F H S	Corrective action Plan has not been 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 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

**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

## 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	<del>Annex 14 Vol. I</del> ANNEX 14 VOL I: Para. 1.4	Nyala and El Obeid Intl. Airports	Implementation of Certification of Aerodromes used for international operations	May, 2015	-	F H	Corrective action Plan has not been submitted by the State	Sudan	Dec, 2016	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	Annex 14 Vol. I FASID Table AOP 1MID/3 Rec. 1/3  MID eANP VOL II Table AOP II-1	Damascus int'l Airport	Apron lighting inadequate	Sep, 2003	-	F H	Corrective Action Plan has not been provided by the State	Syria	Dec, 2015	A
2	Annex 14 Vol. I FASID Table AOP 1MID/3 Rec. 1/3  MID eANP VOL II Table AOP II-1	Damascus int'l Airport	Runway surface rough and damaged. Runway markings unsatisfactory	Sep, 2003	-	F H	Corrective Action Plan has not been provided by the State	Syria	Dec, 2015	A
3	Annex 14 Vol. I 1.4.1, 1.4.4  ANNEX 14 VOL I: Para. 1.4	Damascus, Aleppo, Bassel Al-Assad Int'l. Airports	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Corrective Action Plan has not been provided 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 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

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 ANNEX 14 VOL I: Para. 1.4	Sanaa, Aden, Hodeibah, Riyan, Taiz Intl. Airports	Implementation of Certification of Aerodromes used for international operations	Nov, 2006	-	F H	Corrective Action Plan has not been provided by the State	Yemen	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 C**

**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	MID ANP Table ATS 1-ATS routes	-	ATS routes M305/UM305 not implemented	Apr, 2013	Segment BRN-ATMUL not implemented.	S	<p><del>Corrective Action Plan has not been provided by the State</del></p> <p>step 1 Dated 2/2015: held meeting with ECAA , NANSK and Military to study the proposed Routes</p> <p>step 2 Dated 14/5/2015: send letter for approval of the proposed routes to the military side</p> <p>step 3 Dated 23/6/2015: Receiving rejection letter from military side for the proposed routes</p> <p>step 4 : Dated 25/6/2015 : notify NANSK ANSP company to study the proposed Routes</p> <p>step 5 Dated 4/2017: Egypt will present a working paper in the third meeting of the MIDANPIRG ATM Sub-group (ATM-SG 3) to eliminate these routes</p>	Egypt	Dec, 2016	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	MID ANP Table ATS 1-ATS routes	-	ATS routes M312/UM312 not implemented	Apr, 2013	Segment DBA-AMIBO not implemented.	S	<p>Corrective Action Plan has not been provided by the State</p> <p>step 1 Dated 2/2015: held meeting with ECAA , NANSO and Military to study the proposed Routes</p> <p>step 2 Dated 14/5/2015: send letter for approval of the proposed routes to the military side</p> <p>step 3 Dated 23/6/2015: Receiving rejection letter from military side for the proposed routes</p> <p>step 4 : Dated 25/6/2015 : notify NANSO ANSP company to study the proposed Routes</p> <p>step 5 Dated 4/2017: egypt will present a working paper in the third meeting of the MIDANPIRG ATM Sub-group (ATM-SG 3) to eliminate these routes</p>	Egypt	Dec, 2016	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

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 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.	Nov, 2006	Signed with all neighboring States except Kuwait.	H	Corrective Action Plan has not been provided by the State	Iran	<del>Dec, 2015</del> Dec, 2016	A
2	MID ANP Table ATS 1-ATS Route Network	-	ATS routes A418/UP574 not implemented	Dec, 2006	KUMUN-PAPAR segment not implemented.	S O	Corrective Action Plan has not been provided by the State	Iran- UAE	<del>Dec, 2015</del> Dec, 2016	B
3	<del>Annex 11 Para 3.3.5.1</del>	-	<del>Reporting Unsatisfactory LHDs to the MIDRMA</del>	Oct, 2013	<del>Iran to coordinate with the MIDRMA.</del>	H	<del>Corrective Action Plan has not been provided by the State</del>	Iran	<del>Dec, 2015</del> Dec, 2016	A
4	MID ANP Table ATS 1-ATS Route Network	-	ATS Route G202 is restricted to certain defined airspace users	<del>Jun, 2014</del> Jun, 2014	Not all Operators are authorized to fly G202	O	Corrective Action Plan has not been provided by the State	Iran	<del>Dec, 2015</del> Dec, 2016	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

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 Table ATS 1-ATS Route Network	-	ATS route G667 not implemented	Sep, 2006	Segment ALSAN-ABD not implemented	S	Corrective Action Plan has not been provided by the State	Iraq- Iran-Kuwait	<del>Dec, 2015</del> Dec, 2016	B
2	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.	Nov, 2006	Contingency Agreement signed only with Iran	S	Corrective Action Plan has not been provided by the State	Iraq	<del>Dec, 2015</del> Dec, 2016	A
3	MID ANP Table ATS 1 ATS Route Network	-	ATS route G795 not implemented	May, 2008	RAF-BSR segment not implemented	S	Corrective Action Plan has not been provided by the State	Iraq- Saudi Arabia	<del>Dec, 2015</del> Dec, 2016	B
4	MID ANP Table ATS 1-ATS Route Network	-	ATS route A424 not implemented	May, 2008	LOTAN-LOVEK segment not implemented	O	Corrective Action Plan has not been provided by the State	Iraq	<del>Dec, 2015</del> Dec, 2016	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
5	MID ANP Table ATS 1-ATS Route Network	ATS route	ATS Route G669 not implemented	May, 2008	segment RAF - SOLAT not implemented	S	Corrective Action Plan has not been provided by the State	Iraq	<del>Dec, 2015</del> Dec, 2016	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 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.	Nov, 2006	Contingency agreements not signed with Iraq, Israel and Syria.  H	<del>Corrective Action Plan has not been provided by the State</del>  Corrective Action Plan has not been provided by the State  drop our previous response , due to political impact in the region we are not able to agree the required item ,request to update until the end of 2017	Jordan	<del>Dec, 2015</del>  Dec, 2017	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	Corrective Action Plan has not been provided by the State	Kuwait	<del>Dec, 2015</del> Dec, 2016	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 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.	Nov, 2006	Contingency agreements not signed with Cyprus and Syria	S	Corrective Action Plan has not been provided by the State	Lebanon	<del>Dec, 2015</del> Dec, 2016	A
2	Annex 11 Para 3.3.5.1	-	Granting RVSM approvals for aircraft without known height-keeping monitoring results	Dec, 2012	-	Ø	Corrective Action Plan has not been provided by the State	Lebanon-DGCA	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	-	⊖ \$  S O	Corrective Action Plan has not been provided by the State	Libya	<del>Dec, 2015</del> Dec, 2016	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	<del>Dec, 2015</del> Dec, 2016	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 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.	Nov, 2006	Contingency Agreements to be signed with India and Pakistan .  S	Corrective Action Plan has not been provided by the State	Oman	<del>Dec, 2015</del> Dec, 2016	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

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 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.	Nov, 2006	Contingency agreements not signed with Saudi Arabia and UAE.	S	Corrective Action Plan has not been provided by the State	Qatar- Bahrain	<del>Dec, 2015</del> Dec, 2016	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 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.	Nov, 2006	Contingency Agreements not signed with Eritrea, Iraq, Qatar, Sudan and Yemen.	S	Corrective Action Plan has not been provided by the State	Saudi Arabia	<del>Dec, 2015</del> Dec, 2016	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**

**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 S O	Corrective Action Plan has not been provided by the State	Sudan	<del>Dec, 2015</del> Dec, 2016	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	ID ANP Table ATS 1-ATS Route Network	-	ATS route G202 not implemented	Dec, 1997	Segment DAKWE - Damascus not implemented	S	Corrective Action Plan has not been provided by the State	Syria	<del>Dec, 2015</del> Dec, 2016	B
2	MID ANP Table ATS 1-ATS Route Network	-	ATS route UL602 not implemented	Dec, 2003	Segments ELEXI-DRZ-GAZ not implemented.	S	Corrective Action Plan has not been provided by the State	Syria	<del>Dec, 2015</del> Dec, 2016	B
3	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.	Nov, 2006	-	H O	Corrective Action Plan has not been provided by the State	Syria	<del>Dec, 2015</del> Dec, 2016	A
4	Annex 11 Para 3.3.5.1	-	Reporting unsatisfactory LHDs to MIDRMA	Oct, 2013	Syria to coordinate with MIDRMA.	H	Corrective Action Plan has not been provided by the State	Syria	<del>Dec, 2015</del> Dec, 2016	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 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.	Nov, 2006	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	Corrective Action Plan has not been provided by the State	UAE	<del>Jun, 2015</del> Dec, 2016	A
2	MID ANP Table ATS 1-ATS Route Network	-	ATS routes A418/UP574 not implemented	Dec, 2006	KUMUN-PAPAR segment not implemented.	S	Corrective Action Plan has not been provided by the State	Iran- UAE	<del>Jun, 2015</del> Dec, 2016	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

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 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	Nov, 2006	Contingency Agreement signed only with Oman.	H O	Corrective Action Plan has not been provided by the State	Yemen	<del>Dec, 2015</del> Dec, 2016	A
2	Annex 11 Para 3.3.5.1	-	Granting RVSM approvals for aircraft without known hight-keeping monitoring results	Dec, 2012	-	H O	Corrective Action Plan has not been provided by the State	Yemen	<del>Dec, 2015</del> Dec, 2016	A
3	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory LHDs to MIDRMA	Oct, 2013	Yemen to coordinate with MIDRMA.	H	Corrective Action Plan has not been provided by the State	Yemen	<del>Dec, 2015</del> Dec, 2016	A

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

"H"= Human Resources

"S"= State (Military/political)

"O"= Other unknown causes

**APPENDIX D**

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**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

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**

**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

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
+	MID ANP (AFTN Rationalized Plan).	Afghanistan-Iran Kabul-Tehran AFTN Circuit	The circuit is not yet implemented.	Oct, 1998	VSAT network to be implemented. Iran advised that they are ready.  No information from Afghanistan	⊖  No Corrective Action Plan submitted by the State	Afghanistan-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 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	<del>ATS Direct Speech Circuit Iraq-Syria.</del> MID eANP VOL II Table CNS II-3	<del>ATS Direct Speech circuit</del> ATS Direct Speech Circuit Iraq-Syria	<del>ATS Direct speech circuit is needed.</del> ATS Direct speech circuit is required between Iraq and Syria.	Oct, 2008	In progress between Iraq and Syria. Iraq advised that they can provide VSAT.	O	No Corrective Action Plan submitted by the State	Iraq- Syria	Dec, 2015	A
2	<del>MID FASID.</del> MID FASID. (To be discussed)	Baghdad VOR	VOR not installed.	Jan, 2009	In progress. Iraq advised that all NAV AIDs will be installed according to the master plan.	O	<del>No Corrective Action Plan submitted by the State</del> No Corrective Action Plan submitted by the State	Iraq	Dec, 2015	A
3	<del>MID FASID.</del> MID FASID. (To be discussed)	Baghdad DME	DME not installed.	Jan, 2009	In progress.Iraq advised that all NAV AIDs will be installed according to the master plan.	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

**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
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**

**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 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

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**

**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

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. MID eANP VOL II Table CNS II-3	Direct speech Circuit Direct Speech Circuit (LIM MID RAN) in Oman and Yemen	<del>Direct Speech circuit is required.</del> Direct Speech Circuit (LIM MID RAN) is required between Oman and Yemen	Oct, 1998	Under implementation. Oman Ready. Oman and Yemen are working to implement the circuit	O	Oman is ready to connect with Yemen however Yemen is still not ready. No Corrective Action Plan submitted by the State	Oman- Yemen	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 CNS 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 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

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	<del>ATS Direct Speech Circuit Syria-Iraq.</del> MID eANP VOL II Table CNS II-3	<del>ATS Direct Speech Circuit</del> ATS Direct Speech Circuit Syria- Iraq	<del>Direct Speech circuit required between Syria and Iraq.</del> Direct Speech circuit is required between Syria and Iraq.	Oct, 2008	Matter pending in Syria.  Iraq advised they are ready to provide VSAT for the implementation	O	No Corrective Action Plan submitted by the State	Syria- Iraq	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**

**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 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. MID eANP VOL II Table CNS II-3	Direct Speech Circuit Direct Speech Circuit with Adjacent Centre in Djibouti	Requirement for a Direct Speech Circuit with Adjacent Centre Djibouti. ATS Direct speech circuit is required between Yemen and Djibouti.	Oct, 1998	No updates received from Yemen. O	No Corrective Action Plan submitted by the State No Corrective Action Plan submitted by the State	Yemen- Djibouti	Dec, 2015	A
2	Direct Speech Circuit with Adjacent Centre in India. MID eANP VOL II Table CNS II-3	Direct Speech Circuit Direct Speech Circuit with Adjacent Centre in India	Direct speech Circuit with Adjacent Centre in India. ATS Direct speech circuit is required between Yemen and India.	Oct, 1998	No updates received from Yemen. O	No Corrective Action Plan submitted by the State No Corrective Action Plan submitted by the State	Yemen- India	Dec, 2015	A
3	Direct Speech Circuit with Adjacent Centers in Oman and Yemen. MID eANP VOL II Table CNS II-3	Direct Speech Circuit Direct Speech Circuit with Adjacent Centers in Oman and Yemen	Requirement for a Direct Speech Circuit with Adjacent center Oman. ATS Direct speech circuit is required between Yemen and Oman.	Oct, 1998	No updates received from Yemen. Establish a direct Speech Circuit with Adjacent centre in Oman. Oman Ready. O	No Corrective Action Plan submitted by the State	Yemen- Oman	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. MID eANP VOL II Table CNS II-3	Direct Speech Circuit Direct speech Circuits with Adjacent Centres in Eritrea and Somalia	Requirement for direct speech Circuits with adjacent Centres in Eritrea and Somalia. ATS Direct speech circuit is required between Eritrea and Somalia.	Oct, 1998	No updates received from Yemen.	O	<del>No Corrective Action Plan submitted by the State</del> No Corrective Action Plan submitted by the State	Yemen- Eritrea-Somalia	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
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**

**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

**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

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

## 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. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	Corrective Action Plan has not been provided by the State	Iraq	<del>Dec, 2015</del> Dec, 2016	A
2	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, 2015</del> Dec, 2016	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
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

## 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 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	<del>Dec, 2015</del> Dec, 2016	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. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	Corrective Action Plan has not been provided by the State	Lebanon	<del>Dec, 2015</del> Dec, 2016	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 Θ S  H S O	Corrective Action Plan has not been provided by the State	Libya	<del>Dec, 2015</del> Dec, 2016	A
2	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Dec, 2014	-	H Θ S  H S O	Corrective Action Plan has not been provided by the State	Libya	<del>Dec, 2015</del> Dec, 2016	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
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

## 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. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	Corrective Action Plan has not been provided by the State	Qatar	Dec, 2015	A
2	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, 2015</del> Dec, 2016	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

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**

**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. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	Corrective Action Plan has not been provided by the State	Syria	<del>Dec, 2015</del> Dec, 2016	A
2	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	Apr, 2012	-	O	Corrective Action Plan has not been provided by the State	Syria	<del>Dec, 2015</del> Dec, 2016	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

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

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. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	O	Corrective Action Plan has not been provided by the State	Yemen	<del>Dec, 2015</del> Dec, 2016	A
2	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	Apr, 2012	-	O	Corrective Action Plan has not been provided by the State	Yemen	<del>Dec, 2015</del> Dec, 2016	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 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
+	MID FASID Table MET 1A	HEOW METAR and 30-hour TAF	HEOW METAR and 30-hour TAF not available internationally	Nov, 2013	-	⊖ No corrective action plan submitted by the State  HEOW no longer international airport and it's used as domestic airport and not provide meteorology information  confirmed 30-hour TAF for HEOW available on SADIS on 14 October 2016  propose to remove this deficiency subject to ANSIG/2 approval	Egypt	Dec, 2015 Oct, 2016	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

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
+	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)	⊖  No corrective action plan submitted by the State  No corrective action plan submitted by the State  Iran ISO 9001 certified in October 2015  propose to remove this deficiency subject to ANSIG/2 approval	Iran	Dec, 2015 Oct, 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	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	<del>Dec, 2015</del> Dec, 2017	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**

**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

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**

**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 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	<del>Dec, 2015</del> Dec, 2017	A
2	WAFS forecasts (Annex 3, 9.1.4, 9.3.1, 9.4.1 and Appendix 2, 2.1.1)	WAFS forecasts needed for briefing and flight documentation	SADIS FTP not accessed	May, 2016	Status of implementation of SADIS	O	No corrective action plan submitted by the States	Lebanon	Dec, 2017	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	<del>Dec, 2015</del> Dec, 2017	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	<del>Dec, 2015</del> Dec, 2017	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

**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  MID eANP VOL II, MET Table II-2	OSAP METAR and 24-hour TAF	OSAP METAR and 24-hour TAF not available internationally	Nov, 2013	-	O	no corrective action plan submitted by the State	Syria	<del>Dec, 2015</del> Dec, 2017	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	<del>Dec, 2015</del> Dec, 2017	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

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	<del>Dec, 2015</del> Dec, 2017	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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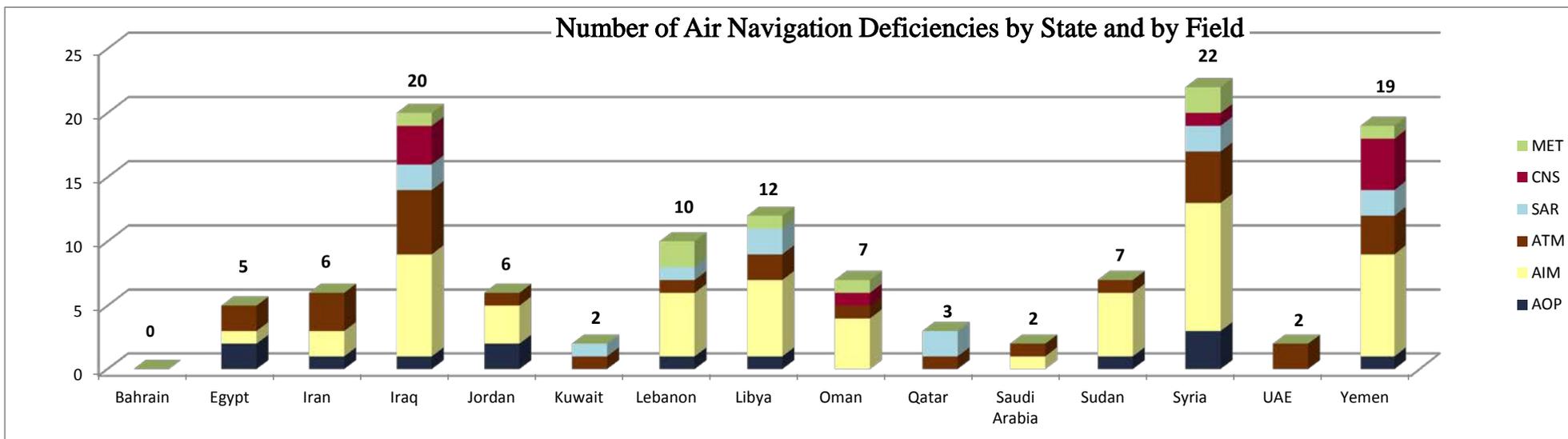
<sup>(1)</sup> Rationale for non-elimination: "F"= Financial

"H"= Human Resources

"S"= State (Military/political)

"O"= Other unknown causes





Deficiencies approved by MIDANPIRG/16

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	Total
<b>AOP</b>	0	2	1	1	2	0	1	1	0	0	0	1	3	0	1	13
<b>AIM</b>	0	1	2	8	3	0	5	6	4	0	1	5	10	0	8	53
<b>ATM</b>	0	2	3	5	1	1	1	2	1	1	1	1	4	2	3	28
<b>SAR</b>	0	0	0	2	0	1	1	2	0	2	0	0	2	0	2	12
<b>CNS</b>	0	0	0	3	0	0	0	0	1	0	0	0	1	0	4	9
<b>MET</b>	0	0	0	1	0	0	2	1	1	0	0	0	2	0	1	8
<b>TOTAL</b>	0	5	6	20	6	2	10	12	7	3	2	7	22	2	19	123

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
AIS/MAP	0	1	2	8	3	0	5	6	4	0	1	5	10	0	8	53
ATM	0	2	4	5	1	1	2	2	1	1	1	1	4	2	3	30
SAR	0	0	0	2	0	1	1	2	0	2	0	0	2	0	2	12
CNS	0	0	1	3	0	0	0	0	1	0	0	0	1	0	4	10
MET	0	0	2	1	0	0	0	1	1	0	0	0	3	0	1	9
<b>TOTAL</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>20</b>	<b>6</b>	<b>2</b>	<b>9</b>	<b>12</b>	<b>7</b>	<b>3</b>	<b>2</b>	<b>7</b>	<b>23</b>	<b>2</b>	<b>19</b>	<b>127</b>

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	Total
MIDANPIRG/15 deficiencies	0	5	10	20	6	2	9	12	7	3	2	7	23	2	19	127
MIDANPIRG/16 deficiencies	0	5	6	20	6	2	10	12	7	3	2	7	22	2	19	123

