

International Civil Aviation Organization

#### MIDANPIRG/17 and RASG-MID/7 Meeting

(Cairo, Egypt, 15 – 18 April 2019)

#### **Agenda Item 6.3:** 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

- MSG/6 Report
- AIM SG/5 Report
- CNS SG/9 Report

#### 1. Introduction

- 1.1 The meeting may wish to note that MSG/6 meeting (Cairo, Egypt, 3 5 December 2019), reviewed and endorsed the list of deficiencies in the AIM, AOP, ATM, CNS, SAR and MET fields as reported by the relevant subsidiary bodies. The meeting noted that the total number of air navigation deficiencies recorded in MANDD on 3 December 2018, was 105 deficiencies compared to 114 deficiencies approved by MIDANPIRG/16 (Kuwait, 13 16 February 2017).
- 1.2 The air navigation deficiencies are reflected in the MID Air Navigation Deficiency Database (MANDD) at: <a href="http://www.icao.int/mid">http://www.icao.int/mid</a>
- 1.3 The MSG/6 meeting noted with concern that the majority of deficiencies listed in the MANDD have no specific Corrective Action Plan (CAP). The meeting urged States to implement the provisions of MIDANPIRG Conclusion 15/35 related to the elimination of Air Navigation Deficiencies, in particular, the submission of a specific Corrective Action Plan (CAP) for each deficiency.

#### 2. DISCUSSION

- 2.1 The meeting may wish to note that:
  - a. <u>In the AOP field:</u> the total number of AOP deficiencies is ten (10) priority "A". Eight (8) deficiencies related to aerodrome certification; one (1) related to runway physical

characteristics; and one (1) related to apron lighting. The lack of implementation of aerodromes' certification represents 80% of these deficiencies.

b. In the AIM field: the total number of AIM deficiencies is forty-seven (47); forty-one (41) priority "A" and six (6) priority "B". Seventeen (17) deficiencies related to eTOD; six (6) related to QMS; six (6) related to AIXM; six (6) related to WAC; four (4) related to pre-flight information services; three (3) related to AIP and aeronautical charts; three (3) related to AIRAC adherence; and two (2) related to WGS-84.

One Deficiency related to Pre-flight information service not provided at International Airports reported against Saudi Arabia is proposed for deletion.

- c. <u>In the ATM field:</u> the total number of deficiencies is twenty-six (26); seventeen (17) priority "A" and nine (9) priority "B". Thirteen (13) related to the uncompleted signature of contingency agreements; Nine (9) related to the non-implementation of planned regional ATS Routes; and four (4) related to unsatisfactory reporting of large Height deviation (LHD) to the MIDRMA.
- d. In the CNS field: three (3) new deficiencies proposed by CNS SG/9 were added to the MANDD for the meeting approval. The total number of CNS deficiencies is five (5); two (2) priority "A" and three (3) priority "B". Three (3) deficiencies are related to ATS Direct speech circuits, one (1) related to Inter-regional Communication link with ICAO EUR/NAT Region and one (1) for HF service.
- e. <u>In the MET field:</u> the total number of MET deficiencies is ten (10) priority "A" deficiencies. Six (6) related to QMS; and four (4) related to METAR, TAF, SIGMET and WAFS.
- f. <u>In the SAR field:</u> the total number of deficiencies is ten (10) priority "A". Five (5) related to the lack of SAR provisions; and five (5) related to non-compliance with the carriage of Emergency Locator Transmitter (ELT) requirements.
- 2.2 The updated lists of deficiencies in the AIM, AOP, ATM, CNS, SAR and MET fields are at **Appendices A, B, C, D, E** and **F**, respectively.
- 2.3 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 108 deficiencies compared to 105 deficiencies approved by MSG/6 and 114 approved by MIDANPIRG/16.
  - The total number of deficiencies varies between 1 and 21 deficiencies per State as shown in **Appendix H.**
  - The distribution of air navigation deficiencies by field is shown in **Appendix G** as follows: AIM 43.5%, AOP 9.3%, ATM 24.1%, CNS 4.6%, MET 9.3% and SAR 9.3%.
  - The distribution of air navigation deficiencies by priority is shown in **Appendix G** as follows: **0%** "U", 83% "A", and 17% "B":

#### 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) review the analyses in Appendices G and H; and
  - 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

#### **Deficiencies in the AIM Field**

#### **BAHRAIN**

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

## **EGYPT**

| Item<br>No | Identif   | Identification I        |  |                        |                                       |     | Corrective Action  |                       |                       |                           |  |
|------------|---|-------------------------|--|------------------------|---------------------------------------|-----|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement                                       | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination | for | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | ANNEX 15:<br>Para. 5.3.3.4.3,<br>Para. 5.3.3.4.10 | -                       | Lack of the required Obstacle Datasets for Area 1 and Area 4 | May, 2014              |                                       | 0   | Phase 1: Determine the required specification for Obstacles area 1 and 4 (1/1/2018 to 1/3/2018); Phase 2: provide the required specification to Consultancy office to determine the implementing entity (1/3/2018 to 1/3/2019); Phase 3: Determine the implementing entity and begin to produce new software for eTOD (1/03/2019 to 1/12/2019); Phase 4: finish the new software and begin to produce eTOD area 4 (from existing raw data from Cairo International Airport Company) (1/1/2020 to 1/6/2020); Phase 5 (in parallel with phase 4): begin to produce eTOD area 1 after get raw data (1/1/2020 to 31/12/2020) | Egypt                 | Dec, 2020             | A                         |  |

### **IRAN**

| Item<br>No | Identif                                | fication                | r                                  | Deficiencies           |  |     | Corrective Action  |                       |                       |                           |  |
|------------|--|-------------------------|------------------------------------|------------------------|--|-----|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement                            | Facilities/<br>Services | Description                        | Date First<br>Reported | Remarks/ Rationale for Non-elimination | for | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | ANNEX 15:<br>Para. 2.3.10 and<br>3.5.3 | -                       | Lack of AIXM-based AIS<br>Database | Dec, 2007              | -                                      | O   | Corrective Action Plan has not been formally provided by the State | Iran                  | Dec, 2018             | A                         |  |

# **IRAQ**

| Item<br>No | Identi   | fication                | Г   | Deficiencies           |                                       |             | C  | orrective Action      |                       |                           |
|------------|--|-------------------------|---|------------------------|---------------------------------------|-------------|--|-----------------------|-----------------------|---------------------------|
| 1.0        | Requirement                                    | Facilities/<br>Services | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |             | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | ANNEX 4:<br>Para. 16.2                         | -                       | Non-production of World<br>Aeronautical Chart – ICAO 1:1<br>000 000             | May, 1995              | -                                     | F<br>H<br>S | Corrective Action Plan has not been formally provided by the State       | Iraq                  | Dec, 2018             | В                         |
| 2          | ANNEX 15:<br>Para. 1.2.1.1                     | -                       | Implementation of geoid<br>undulation referenced to the<br>WGS-84 ellipsoid     | Dec, 1997              | -                                     | F<br>H<br>O | Corrective Action Plan has not been formally provided by the State       | Iraq                  | Dec, 2018             | A                         |
| 3          | ANNEX 15:<br>Para. 3.6                         | QMS<br>Implementation   | Lack of Implementation of QMS   | Jan, 2003              | -                                     | F<br>H<br>O | Corrective Action Plan has not been formally provided by the State       | Iraq                  | Dec, 2018             | A                         |
| 4          | ANNEX 4:<br>Para. 11.2                         | -                       | Non-production of Instrument<br>Approach Chart-ICAO for<br>Mousl Intl. Airport  | Jan, 2003              | -                                     | F<br>H<br>O | Corrective Action Plan has not<br>been formally provided by the<br>State | Iraq                  | Dec, 2018             | A                         |
| 5          | ANNEX 15:<br>Para. 5.5                         | -                       | Non provision of pre-flight<br>information service at<br>international airports | Mar, 2004              | -                                     | F<br>H<br>O | Corrective Action Plan has not been formally provided by the State       | Iraq                  | Dec, 2018             | A                         |
| 6          | ANNEX 15:<br>Para. 5.3.3.3.2<br>and 5.3.3.3.8  | -                       | Lack of the required Terrain<br>Datasets for Area 1 and Area 4                  | May, 2014              | -                                     | О           | Corrective Action Plan has not been formally provided by the State       | Iraq                  | Dec, 2018             | A                         |
| 7          | ANNEX 15:<br>Para. 5.3.3.4.3<br>and 5.3.3.4.10 | -                       | Lack of the required Obstacle<br>Datasets for Area 1 and Area 4                 | May, 2014              | -                                     | О           | Corrective Action Plan has not been formally provided by the State       | Iraq                  | Dec, 2018             | A                         |

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

## **JORDAN**

| Item<br>No | Identif  | ication                 | ī  | Deficiencies           |                      |        | Corrective Action  |                       |                       |                           |  |
|------------|--|-------------------------|--|------------------------|----------------------|--------|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement                                    | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale f | for    | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | ANNEX 4:<br>Para. 16.2                         | -                       | Non-production of World<br>Aeronautical Chart – ICAO1:1<br>000 000 | Feb, 2008              | -                    | F<br>H | Corrective Action Plan has not been formally provided by the State | Jordan                | Dec, 2018             | В                         |  |
| 2          | ANNEX 15:<br>Para. 5.3.3.3.2<br>and 5.3.3.3.8  | -                       | Lack of the required Terrain<br>Datasets for Area 1 and Area 4     | May, 2014              | -                    | F<br>H | Corrective Action Plan has not been formally provided by the State | Jordan                | Dec, 2018             | A                         |  |
| 3          | ANNEX 15:<br>Para. 5.3.3.4.3<br>and 5.3.3.4.10 | -                       | Lack of the required Obstacle<br>Datasets for Area 1 and Area 4    | May, 2014              | -                    | F<br>H | Corrective Action Plan has not been formally provided by the State | Jordan                | Dec, 2018             | A                         |  |

## **KUWAIT**

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

## **LEBANON**

| Item<br>No |                              |                         | I  | Deficiencies           |                      |     |   | Corrective Action     |                       |                           |  |  |
|------------|------------------------------|-------------------------|--|------------------------|----------------------|-----|---|-----------------------|-----------------------|---------------------------|--|--|
|            | Requirement                  | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale f | for | Description   | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |
| 1          | ANNEX 4:<br>Para. 16.2       | -                       | Non-production of World<br>Aeronautical Chart – ICAO1:1<br>000 000 | May, 1995              | -                    | Н   | Corrective Action Plan was provided in August 2016. | Lebanon               | Dec, 2018             | В                         |  |  |
| 2          | ANNEX 15:<br>Para. 3.6       | QMS<br>Implementation   | Lack of Implementation of QMS                                      | Jan, 2003              | (USOAP-CMA finding)  | Н   | Corrective Action Plan was provided in August 2016. | Lebanon               | Dec, 2018             | A                         |  |  |
| 3          | ANNEX 15:<br>Para. 5.3.3.3.2 | -                       | Lack of the required Terrain<br>Datasets for Area 1                | May, 2014              | -                    | О   | Corrective Action Plan was provided in August 2016. | Lebanon               | Dec, 2018             | A                         |  |  |
| 4          | ANNEX 15:<br>Para. 5.3.3.4.3 | -                       | Lack of the required Obstacle<br>Datasets for Area 1               | May, 2014              | -                    | О   | Corrective Action Plan was provided in August 2016. | Lebanon               | Dec, 2018             | A                         |  |  |

## LIBYA

| Item<br>No | Identif                                | ication                 | I   | Deficiencies           |                                       |   | Corrective Action  |                |                       |                           |  |
|------------|--|-------------------------|---|------------------------|---------------------------------------|---|--|----------------|-----------------------|---------------------------|--|
|            | Requirement                            | Facilities/<br>Services | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |   | Description  | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | ANNEX 4:<br>Para. 16.2                 | -                       | Non-production of World<br>Aeronautical Chart – ICAO 1:1<br>000 000 | May, 2014              | -                                     | О | Corrective Action Plan has not been formally provided by the State | Libya          | Dec, 2018             | В                         |  |
| 2          | ANNEX 15:<br>Para. 3.6                 | QMS<br>Implementation   | Lack of Implementation of QMS                                       | May, 2014              | (USOAP-CMA finding)                   | О | Corrective Action Plan has not been formally provided by the State | Libya          | Dec, 2018             | A                         |  |
| 3          | ANNEX 15:<br>Para 6.2                  | -                       | Lack of a system for AIRAC adherence monitoring                     | May, 2014              | -                                     | О | Corrective Action Plan has not been formally provided by the State | Libya          | Dec, 2018             | A                         |  |
| 4          | ANNEX 15:<br>Para. 2.3.10 and<br>3.5.3 | -                       | Lack of AIXM-based AIS<br>Database                                  | May, 2014              | -                                     | О | Corrective Action Plan has not been formally provided by the State | Libya          | Dec, 2018             | A                         |  |
| 5          | ANNEX 15:<br>Para. 5.3.3.3.2           | -                       | Lack of the required Terrain<br>Datasets for Area 1                 | May, 2014              | -                                     | О | Corrective Action Plan has not been formally provided by the State | Libya          | Dec, 2018             | A                         |  |
| 6          | ANNEX 15:<br>Para. 5.3.3.4.3           | -                       | Lack of the required Obstacle<br>Datasets for Area 1                | May, 2014              | -                                     | О | Corrective Action Plan has not been formally provided by the State | Libya          | Dec, 2018             | A                         |  |

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

### **OMAN**

| Item<br>No | Identif                             | Identification          |   |                        |                                       |   | Co   | orrective Action      |                       |                           |
|------------|-------------------------------------|-------------------------|---|------------------------|---------------------------------------|---|--|-----------------------|-----------------------|---------------------------|
|            | Requirement                         | Facilities/<br>Services | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | ANNEX 15:<br>Para. 3.6              | QMS<br>Implementation   | Lack of Implementation of QMS                       | Jan, 2003              | (USOAP-CMA finding)                   | О | - An agreement with an international quality company is established to assist for progressive implementation of quality systems within DGAN AIS.  - QMS is expected to be fully implemented by September 2019.             | Oman                  | Sep, 2019             | A                         |
| 2          | ANNEX 15:<br>Para. 2.3.10 and 3.5.3 | -                       | Lack of AIXM-based AIS<br>Database                  | Jul, 2005              | -                                     | О | A contract is going to be signed with a company specializing in this area for AIP Data Migration. AIM equipment installation will be completed by end of February 2017. The target is to have 70% of the data by June 2018 | Oman                  | Dec, 2019             | A                         |
| 3          | ANNEX 15:<br>Para. 5.3.3.3.2        | -                       | Lack of the required Terrain<br>Datasets for Area 1 | May, 2014              | -                                     | О | An agreement with National survey authority is going to be established to assist for progressive implementation of terrain datasets for area1. The target is to have the required data by Dec 2019.                        | Oman                  | Dec, 2019             | A                         |

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

## A-10

| Item<br>No | Identif                      | ication                 | 1  | Deficiencies           |                                    |     | Corrective Action   |                       |                       |                           |  |
|------------|------------------------------|-------------------------|--|------------------------|------------------------------------|-----|---|-----------------------|-----------------------|---------------------------|--|
|            | Requirement                  | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale Non-elimination | for | Description   | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 4          | ANNEX 15:<br>Para. 5.3.3.4.3 | -                       | Lack of the required Obstacle<br>Datasets for Area 1 | May, 2014              | -                                  | 0   | Area 1 obstacles are published<br>in AIP Oman ENR 5.4 "Air<br>Navigation (En-Route)<br>Obstacles". Data originators for<br>obstacles will be consulted for<br>Area 1 obstacle completeness<br>and update. | Oman                  | Dec, 2019             | A                         |  |

# **QATAR**

| Item<br>No | 1 Identification |                         | I           | Deficiencies           |   |             | Corrective Action     |                       |                           |  |  |
|------------|------------------|-------------------------|-------------|------------------------|---|-------------|-----------------------|-----------------------|---------------------------|--|--|
|            | Requirement      | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |

### SAUDI ARABIA

| Item<br>No | Identif                | fication                | Deficiencies  |                        |  | Corrective Action |  |                |                       |                           |
|------------|------------------------|-------------------------|---|------------------------|--|-------------------|--|----------------|-----------------------|---------------------------|
|            | Requirement            | Facilities/<br>Services | Description   | Date First<br>Reported | Remarks/ Rationale fo<br>Non-elimination | for               | Description  | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | ANNEX 15:<br>Para. 5.5 | -                       | Pre-flight information service<br>not provided at International<br>Airports | Nov, 2007              | -  | θ                 | Corrective Action Plan has not been formally provided by the State | Saudi Arabia   | Apr, 2018             | A                         |

## **SUDAN**

| Item<br>No | Identification                         |   | Deficiencies   |                        |   | Corrective Action |  |                       |                       |                           |
|------------|--|---|--|------------------------|---|-------------------|--|-----------------------|-----------------------|---------------------------|
|            | Requirement Facilities/<br>Services    |   | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination |                   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | ANNEX 15:<br>Para. 2.3.10 and<br>3.5.3 | - | Lack of AIXM-based AIS<br>Database                   | May, 2014              | -   | О                 | Corrective Action Plan has not been formally provided by the State | Sudan                 | Dec, 2018             | A                         |
| 2          | ANNEX 15:<br>Para. 5.3.3.3.2           | - | Lack of the required Terrain<br>Datasets for Area 1  | May, 2014              | -   | О                 | Corrective Action Plan has not been formally provided by the State | Sudan                 | Dec, 2018             | A                         |
| 3          | ANNEX 15:<br>Para. 5.3.3.4.3           | - | Lack of the required Obstacle<br>Datasets for Area 1 | May, 2014              | -   | О                 | Corrective Action Plan has not been formally provided by the State | Sudan                 | Dec, 2018             | A                         |

# **SYRIA**

| Item<br>No |  |                         | Г   | Deficiencies           |                                       |             | Co   | orrective Action |                       |                           |
|------------|--|-------------------------|---|------------------------|---------------------------------------|-------------|--|------------------|-----------------------|---------------------------|
|            | Requirement                            | Facilities/<br>Services | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |             | Description  | Executing Body   | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | ANNEX 15:<br>Para 6.2                  | -                       | Lack of a system for AIRAC adherence monitoring   | May, 1995              | -                                     | F<br>H      | Corrective Action Plan has not been formally provided by the State | Syria            | Dec, 2018             | A                         |
| 2          | ANNEX 4:<br>Para. 16.2                 | -                       | Non-production of World<br>Aeronautical Chart – ICAO1:1<br>000 000                            | May, 1995              | -                                     | F<br>H<br>S | Corrective Action Plan has not been formally provided by the State | Syria            | Dec, 2018             | В                         |
| 3          | ANNEX 15:<br>Para. 3.6                 | QMS<br>Implementation   | Lack of Implementation of QMS   | Jan, 2003              | (USOAP-CMA finding)                   | F<br>H      | Corrective Action Plan has not been formally provided by the State | Syria            | Dec, 2018             | A                         |
| 4          | ANNEX 15:<br>Para. 1.2.1.1             | -                       | Implementation of geoid undulation referenced to the WGS-84 ellipsoid.                        | Jan, 2003              | -                                     | F<br>H      | Corrective Action Plan has not been formally provided by the State | Syria            | Dec, 2018             | A                         |
| 5          | ANNEX 15<br>Para. 5.2 and<br>6.3.1     | -                       | Lack of consistency in AIP information and lack of regular and effective updating of the AIP. | Jul, 2005              | -                                     | Н           | Corrective Action Plan has not been formally provided by the State | Syria            | Dec, 2018             | A                         |
| 6          | ANNEX 15:<br>Para. 2.3.10 and<br>3.5.3 | -                       | Lack of AIXM-based AIS<br>Database  | Jul, 2005              | -                                     | F<br>H      | Corrective Action Plan has not been formally provided by the State | Syria            | Dec, 2018             | A                         |
| 7          | ANNEX 15:<br>Para. 5.5                 | -                       | Non provision of pre-flight information service at international airports                     | Jul, 2005              | -                                     | F<br>H      | Corrective Action Plan has not been formally provided by the State | Syria            | Dec, 2018             | A                         |

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

<sup>&</sup>quot;H"= Human Resources

<sup>&</sup>quot;S"= State (Military/political)

<sup>&</sup>quot;O"= Other unknown causes

## A-15

| Item<br>No | Identification               |                         |  | Deficiencies           |                                       |   | Corrective Action  |                       |                       |                           |  |
|------------|------------------------------|-------------------------|--|------------------------|---------------------------------------|---|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement                  | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination | - | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 8          | ANNEX 15:<br>Para. 5.3.3.3.2 | -                       | Lack of the required Terrain<br>Datasets for Area 1  | May, 2014              | -                                     | О | Corrective Action Plan has not<br>been formally provided by the<br>State | Syria                 | Dec, 2018             | A                         |  |
| 9          | ANNEX 15:<br>Para. 5.3.3.4.3 | -                       | Lack of the required Obstacle<br>Datasets for Area 1 | May, 2014              | -                                     | О | Corrective Action Plan has not been formally provided by the State       | Syria                 | Dec, 2018             | A                         |  |

# UAE

| Item<br>No | Identif     | fication                | I           | Deficiencies           |   |             | Corrective Action     |                       |                           |  |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------|-----------------------|-----------------------|---------------------------|--|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |

## YEMEN

| Item<br>No | Identif                                | fication                | r   | Deficiencies           |                                       |        | C  | orrective Action |                       |                           |
|------------|--|-------------------------|---|------------------------|---------------------------------------|--------|--|------------------|-----------------------|---------------------------|
|            | Requirement                            | Facilities/<br>Services | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |        | Description  | Executing Body   | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | ANNEX 15:<br>Para 6.2                  | -                       | Lack of a system for AIRAC adherence monitoring                               | May, 1995              | -                                     | Н      | Corrective Action Plan has not been formally provided by the State | Yemen            | Dec, 2018             | A                         |
| 2          | ANNEX 4:<br>Para. 16.2                 | -                       | Non-production of World<br>Aeronautical Chart – ICAO1:1<br>000 000            | May, 1995              | -                                     | F      | Corrective Action Plan has not been formally provided by the State | Yemen            | Dec, 2018             | В                         |
| 3          | ANNEX 15:<br>Para. 3.6                 | QMS<br>Implementation   | Lack of Implementation of QMS   | Jan, 2003              | -                                     | F      | Corrective Action Plan has not been formally provided by the State | Yemen            | Dec, 2018             | A                         |
| 4          | ANNEX 4:<br>Para. 11.2                 | -                       | Non-production of Instrument<br>Approach Chart-ICAO for TAIZ<br>Intl. Airport | Jan, 2003              | -                                     | О      | Corrective Action Plan has not been formally provided by the State | Yemen            | Dec, 2018             | A                         |
| 5          | ANNEX 15:<br>Para. 5.5                 | -                       | Non provision of pre-flight information service at international airports     | Mar, 2004              | -                                     | F<br>H | Corrective Action Plan has not been formally provided by the State | Yemen            | Dec, 2018             | A                         |
| 6          | ANNEX 15:<br>Para. 2.3.10 and<br>3.5.3 | -                       | Lack of AIXM-based AIS<br>Database  | Jul, 2005              | -                                     | F      | Corrective Action Plan has not been formally provided by the State | Yemen            | Dec, 2018             | A                         |
| 7          | ANNEX 15:<br>Para. 5.3.3.3.2           | -                       | Lack of the required Terrain<br>Datasets for Area 1                           | May, 2014              | -                                     | О      | Corrective Action Plan has not been formally provided by the State | Yemen            | Dec, 2018             | A                         |

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

## A-18

| Item<br>No | Identif                      | ication                 | tion Deficiencies                                    |                        |                                       |   | Co   | orrective Action      |                       |                           |
|------------|------------------------------|-------------------------|--|------------------------|---------------------------------------|---|--|-----------------------|-----------------------|---------------------------|
|            | Requirement                  | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 8          | ANNEX 15:<br>Para. 5.3.3.4.3 | -                       | Lack of the required Obstacle<br>Datasets for Area 1 | May, 2014              | -                                     | O | Corrective Action Plan has not been formally provided by the State | Yemen                 | Dec, 2018             | A                         |

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# APPENDIX B

## **Deficiencies in the AOP Field**

## **BAHRAIN**

| tem<br>No | Identification |                         | r           | Deficiencies           |   |             | Corrective Action     |                       |                           |  |  |
|-----------|----------------|-------------------------|-------------|------------------------|---|-------------|-----------------------|-----------------------|---------------------------|--|--|
|           | Requirement    | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |

## **EGYPT**

| Item<br>No | Identif                      | ication                                     | I   | Deficiencies           |  |        | Co   | orrective Action      |                       |                           |
|------------|------------------------------|---|---|------------------------|--|--------|--|-----------------------|-----------------------|---------------------------|
|            | Requirement                  | Facilities/<br>Services                     | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination  |        | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | ANNEX 14<br>VOL I: Para. 1.4 | Luxor and Borg<br>El Arab Intl.<br>Airports | Implementation of Certification of Aerodromes used for international operations | Nov, 2006              | - Certification of:  - LUXER/Luxor Intl Airport (HELX) will be in Dec 2017  - ALEXANDRIA/ Borg El-Arab Intl Airport (HEBA) will be in the first half of 2018 | F<br>H | State submitted a letter dated 22/07/2015 stating that all primary international aerodromes will be certified by the end of November 2018. | Egypt                 | Jan, 2018             | A                         |

### **IRAN**

| Item<br>No | Identification  Requirement Facilities/ |   | Deficiencies  |                        |   | Corrective Action |  |                       |                       |                           |
|------------|---|---|---|------------------------|---|-------------------|--|-----------------------|-----------------------|---------------------------|
|            | Requirement                             | Facilities/<br>Services   | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination   |                   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | ANNEX 14<br>VOL I: Para. 1.4            | - MASHHAD/Sh ahid Hashemi Nejad Intl (OIMM), SHIRAZ/Shiraz Intl (OISS ), TABRIZ/Tabriz Intl (OITT), TEHRAN/Imam Khomaini Intl (OIIE), BANDAR ABBAS/Bandar Abbas Intl (OIKB) | Implementation of Certification of Aerodromes used for international operations | Nov, 2006              | Certification Status for:  - TEHRAN/ IKIA Intl  (OIIE)  - BANDAR Abbas /Bandar Abbas Intl  (OIKB)  are waiting final action for certification very soon | FH                | Corrective Action Plan has not been formally provided by the State | Iran                  | Dec, 2018             | A                         |

# **IRAQ**

| Item<br>No | Identif                      | ication  | Deficiencies  |                        |                                       |             | Corrective Action  |                       |                       |                           |  |
|------------|------------------------------|--|---|------------------------|---------------------------------------|-------------|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement                  | Facilities/<br>Services  | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |             | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | ANNEX 14<br>VOL I: Para. 1.4 | Al Najaf/Al<br>Najaf Intl<br>(ORNI),<br>BASRAH/Basra<br>h Intl (ORMM),<br>MOUSL/Mousl<br>Intl (ORBM),<br>SULYMANIYA<br>H/Sulaymaniyah<br>Intl (ORSU) | Implementation of Certification of Aerodromes used for international operations | Nov, 2006              | -                                     | F<br>H<br>O | Corrective Action Plan has not been formally provided by the State | Iraq                  | Dec, 2018             | A                         |  |

## **JORDAN**

| Item<br>No | Identif     | fication                | I           | Deficiencies           |   |             | Corrective Action     |                       |                           |  |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------|-----------------------|-----------------------|---------------------------|--|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |

### **KUWAIT**

| Item<br>No |             |                         | Г           | Deficiencies           |   |             | Corrective Action     |                       |                           |  |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------|-----------------------|-----------------------|---------------------------|--|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |

## **LEBANON**

| Item<br>No | Identification               |  | Deficiencies  |                        |  | Corrective Action |  |                       |                       |                           |
|------------|------------------------------|--|---|------------------------|--|-------------------|--|-----------------------|-----------------------|---------------------------|
|            | Requirement                  | Facilities/<br>Services                | Description   | Date First<br>Reported | Remarks/ Rationale fo<br>Non-elimination | or                | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | ANNEX 14<br>VOL I: Para. 1.4 | BEIRUT/ Rafic<br>Hariri Intl<br>(OLBA) | Implementation of Certification of Aerodromes used for international operations | Nov, 2006              | -  | F<br>H            | Corrective Action Plan has not<br>been formally provided by the<br>State | Lebanon               | Dec, 2018             | A                         |

## LIBYA

| Item<br>No | Identification               |  | Deficiencies  |           |  |             | Corrective Action  |                       |                       |                           |  |
|------------|------------------------------|--|---|-----------|--|-------------|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement                  | Facilities/<br>Services  | _   |           | Date First Remarks/ Rationale for Reported Non-elimination |             | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | ANNEX 14<br>VOL I: Para. 1.4 | BENGHAZI/Be<br>nina (HLLB),<br>SEBHA/Sebha<br>(HLLS),<br>TRIPOLI/Tripol<br>i Intl (HLLT) | Implementation of Certification of Aerodromes used for international operations | May, 2015 |  | F<br>H<br>S | Corrective Action Plan has not<br>been formally provided by the<br>State | Libya                 | Dec, 2018             | A                         |  |

### **OMAN**

| Item<br>No | Identif     | fication                | I           | Deficiencies           |   | Corrective Action |                       |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|-----------------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |

# **QATAR**

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

### SAUDI ARABIA

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

## **SUDAN**

| Item<br>No |  | Identification               |                           | Deficiencies  |                        |  |        | Corrective Action |                       |                       |                           |  |
|------------|--|------------------------------|---------------------------|---|------------------------|--|--------|-------------------|-----------------------|-----------------------|---------------------------|--|
|            |  | Requirement                  | Facilities/<br>Services   | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination                                    |        | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          |  | ANNEX 14<br>VOL I: Para. 1.4 | - Nyala/Nyala<br>Airports | Implementation of Certification of Aerodromes used for international operations | May, 2015              | -Certification of<br>NYALA/Nyala<br>(HSNN)<br>Will be in January<br>2018 | F<br>H | -                 | Sudan                 | Jan, 2018             | A                         |  |

## **SYRIA**

| Item<br>No | Identification                       |  | Deficiencies  |                        |   |        | Corrective Action  |                       |                       |                           |  |
|------------|--------------------------------------|--|---|------------------------|---|--------|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement Facilities/<br>Services  |  | Description   | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination |        | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | MID eANP<br>VOL II Table<br>AOP II-1 | Damascus int`l<br>Airport  | Apron lighting inadequate   | Sep, 2003              | -   | F<br>H | Corrective Action Plan has not been formally provided by the State       | Syria                 | Dec, 2018             | A                         |  |
| 2          | MID eANP<br>VOL II Table<br>AOP II-1 | Damascus int`l<br>Airport  | Runway surface rough and damaged. Runway markings unsatisfactory                | Sep, 2003              | -   | F<br>H | Corrective Action Plan has not been formally provided by the State       | Syria                 | Dec, 2018             | A                         |  |
| 3          | ANNEX 14<br>VOL I: Para. 1.4         | ALEPPO/Alepp<br>o Intl (OSAP),<br>DAMASCUS/<br>Damascus Intl<br>(OSDI),<br>LATTAKIA<br>/Bassel AL-<br>Assad Intl<br>(OSLK) | Implementation of Certification of Aerodromes used for international operations | Nov, 2006              | -   | F<br>H | Corrective Action Plan has not<br>been formally provided by the<br>State | Syria                 | Dec, 2018             | A                         |  |

## UAE

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

## YEMEN

| Item<br>No | Identification               |  | Deficiencies  |                        |                                       |        | Corrective Action  |                       |                       |                           |  |
|------------|------------------------------|--|---|------------------------|---------------------------------------|--------|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement                  | Facilities/<br>Services  | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |        | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | ANNEX 14<br>VOL I: Para. 1.4 | ADEN/Aden<br>Intl (OYAA),<br>HODEIDAH/<br>Hodeidah Intl<br>(OYHD),<br>MUKALLA/Riy<br>an Intl (OYRN),<br>SANA`A/Sana`a<br>Intl (OYSN),<br>TAIZ/ Taiz Intl<br>(OYTZ) | Implementation of Certification of Aerodromes used for international operations | Nov, 2006              | -                                     | F<br>H | Corrective Action Plan has not been formally provided by the State | Yemen                 | Dec, 2018             | A                         |  |

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## APPENDIX C

### **Deficiencies in the ATM Field**

### **BAHRAIN**

| Item<br>No | Identif     | ication                 | I           |                        | Corrective Action                         |             |                |                       |                           |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------|----------------|-----------------------|---------------------------|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |

### **EGYPT**

| Item<br>No | Identif     | ication                 | ī           | Deficiencies           |   | Ce          | orrective Action |                       |                           |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------|------------------|-----------------------|---------------------------|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | Executing Body   | Date of<br>Completion | Priority<br>for<br>Action |

#### **IRAN**

| Item<br>No | Identif  | fication                | I  | Deficiencies           |  |        | Co   | orrective Action      |                       |                           |
|------------|--|-------------------------|--|------------------------|--|--------|--|-----------------------|-----------------------|---------------------------|
|            | Requirement  | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination              |        | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | Annex 11 Para.<br>2.31   |                         | 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              | Still to sign with<br>Kuwait                       | Н      | Corrective Action Plan has not been formally provided by the State       | Iran                  | Dec, 2018             | A                         |
| 2          | MID ANP<br>TABLE ATM<br>II-MID-1 MID<br>REGION ATS<br>ROUTE<br>NETWORK | -                       | ATS routes A418/UP574 not implemented  | Dec, 2006              | KUMUN-PAPAR<br>segment not<br>implemented.         | S<br>O | Corrective Action Plan has not<br>been formally provided by the<br>State | Iran- UAE             | Dec, 2018             | В                         |
| 3          | MID ANP Table<br>ATM II-MID-1<br>MID REGION<br>ATS ROUTE<br>NETWORK    | -                       | ATS Route G202 is restricted to certain defined airspace users   | Jun, 2014              | Not all Operators<br>are authorized to fly<br>G202 | О      | Corrective Action Plan has not<br>been formally provided by the<br>State | Iran                  | Dec, 2018             | В                         |

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

## **IRAQ**

| Item<br>No | Identif   | ication                 | I  | Deficiencies           |   |   | Co   | orrective Action      |                       |                           |
|------------|---|-------------------------|--|------------------------|---|---|--|-----------------------|-----------------------|---------------------------|
|            | Requirement   | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination               |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | MID ANP Table<br>ATM II-MID-1<br>MID REGION<br>ATS ROUTE<br>NETWORK | -                       | ATS route G667 not implemented   | Sep, 2006              | Segment ALSAN-<br>ABD not<br>implemented            | S | Corrective Action Plan has not<br>been formally provided by the<br>State | Iraq- Iran-<br>Kuwait | Dec, 2018             | В                         |
| 2          | Annex 11<br>Para. 2.31  | -                       | 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<br>Agreement to be<br>signed with Syria | S | Corrective Action Plan has not been formally provided by the State       | Iraq                  | Dec, 2018             | A                         |
| 3          | MID ANP Table<br>ATM II-MID-1<br>MID REGION<br>ATS ROUTE<br>NETWORK | -                       | ATS route G795 not implemented   | May, 2008              | RAF-BSR segment<br>not implemented                  | S | Corrective Action Plan has not been formally provided by the State       | Iraq- Saudi<br>Arabia | Dec, 2018             | В                         |

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

| Item<br>No | Identif   | ication   | Г                              | Deficiencies           |   | Corrective Action |  |                       |                       |                           |
|------------|---|-----------|--------------------------------|------------------------|---|-------------------|--|-----------------------|-----------------------|---------------------------|
|            | Requirement Facilities/<br>Services                                 |           | Description                    | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination |                   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 4          | MID ANP Table<br>ATM II-MID-1<br>MID REGION<br>ATS ROUTE<br>NETWORK | -         | ATS route A424 not implemented | May, 2008              | LOTAN-LOVEK<br>segment not<br>implemented | О                 | Corrective Action Plan has not<br>been formally provided by the<br>State | Iraq                  | Dec, 2018             | В                         |
| 5          | MID ANP Table<br>ATM II-MID-1<br>MID REGION<br>ATS ROUTE<br>NETWORK | ATS route | ATS Route G669 not implemented | May, 2008              | segment RAF -<br>SOLAT not<br>implemented | S                 | Corrective Action Plan has not<br>been formally provided by the<br>State | Iraq                  | Dec, 2018             | В                         |

### **JORDAN**

| Item<br>No | Identif                | ication                 | I  | Deficiencies           |   |   | Corrective Action   |                       |                       |                           |
|------------|------------------------|-------------------------|--|------------------------|---|---|---|-----------------------|-----------------------|---------------------------|
|            | Requirement            | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination               |   | Description   | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | Annex 11<br>Para. 2.31 | -                       | 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<br>agreements not<br>signed with Syria. | Н | Corrective Action Plan has not been formally provided by the State.  State comment: due to political impact in the region Jordan is not able to complete the signature of contingency agreements with all adjacent States | Jordan                | Dec, 2018             | A                         |

### **KUWAIT**

| Item<br>No | Identif                | Identification Deficiencies |   |                        |  | Co | orrective Action   |                |                       |                           |
|------------|------------------------|-----------------------------|---|------------------------|--|----|--|----------------|-----------------------|---------------------------|
|            | Requirement            | Facilities/<br>Services     | Description   | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination  |    | Description  | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | Annex 11<br>Para. 2.31 | -                           | 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 Plan to<br>be signed with Iran | S  | Corrective Action Plan has not<br>been formally provided by the<br>State | Kuwait         | Dec, 2018             | A                         |

### **LEBANON**

| Item<br>No | Identif                | ication                 | I  | Deficiencies           |  |   | Corrective Action  |                       |                       |                           |
|------------|------------------------|-------------------------|--|------------------------|--|---|--|-----------------------|-----------------------|---------------------------|
|            | Requirement            | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination              |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | Annex 11<br>Para. 2.31 | -                       | 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<br>agreements not<br>signed with Syria | S | Corrective Action Plan has not been formally provided by the State | Lebanon               | Dec, 2018             | A                         |

#### LIBYA

| Item<br>No |                        | ication                 | ī   | Deficiencies           |                                       | Corrective Action |  |                       |                       |                           |  |
|------------|------------------------|-------------------------|---|------------------------|---------------------------------------|-------------------|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement            | Facilities/<br>Services | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |                   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | Annex 11<br>Para. 2.31 | -                       | 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              | Agreement signed only with Egypt      | S<br>O            | Corrective Action Plan has not been formally provided by the State | Libya                 | Dec, 2018             | A                         |  |
| 2          | Annex 11 Para 3.3.5.1  | -                       | Not reporting the required data to the MIDRMA in a timely manner.   | Dec, 2013              | -                                     | Н                 | Corrective Action Plan has not been formally provided by the State | Libya                 | Dec, 2018             | A                         |  |

### **OMAN**

| Item<br>No |                        |                         | Г  | Deficiencies           |   |   | Co   | orrective Action      | Action                |                           |  |
|------------|------------------------|-------------------------|--|------------------------|---|---|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement            | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination                           |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | Annex 11<br>Para. 2.31 |                         | 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<br>Agreements to be<br>signed with Saudi<br>Arabia. | S | Corrective Action Plan has not been formally provided by the State | Oman                  | Dec, 2018             | A                         |  |

## **QATAR**

|   | Item<br>No | Identification         |                         | I  | Deficiencies           |   |   | Co   |                       |                       |                           |
|---|------------|------------------------|-------------------------|--|------------------------|---|---|--|-----------------------|-----------------------|---------------------------|
|   |            | Requirement            | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination             |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1 |            | Annex 11<br>Para. 2.31 | -                       | 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<br>agreements not<br>signed with UAE. | S | Corrective Action Plan has not been formally provided by the State | Qatar-Bahrain         | Dec, 2018             | A                         |

#### SAUDI ARABIA

| Item<br>No | Identif                | ication                 | I  | Deficiencies           |  |   | Co   | orrective Action      |                       |                           |
|------------|------------------------|-------------------------|--|------------------------|--|---|--|-----------------------|-----------------------|---------------------------|
|            | Requirement            | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination  |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | Annex 11<br>Para. 2.31 |                         | 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<br>Agreements not<br>signed with Iraq,<br>Qatar, Sudan and<br>Yemen. | S | Corrective Action Plan has not been formally provided by the State | Saudi Arabia          | Dec, 2018             | A                         |

### **SUDAN**

| Item<br>No | Identif                             | ication | I  | Deficiencies           |  |             | Co   | orrective Action      |                       |                           |
|------------|-------------------------------------|---------|--|------------------------|--|-------------|--|-----------------------|-----------------------|---------------------------|
|            | Requirement Facilities/<br>Services |         | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination          |             | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | Annex 11<br>Para. 2.31              | 1       | 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<br>Agreement signed<br>only with Egypt | H<br>S<br>O | Corrective Action Plan has not been formally provided by the State | Sudan                 | Dec, 2018             | A                         |

### **SYRIA**

| Item<br>No | Identification  Requirement Facilities/                             |                         | г  | Deficiencies           |  |    | Corrective Action  |                       |                       |                           |  |
|------------|---|-------------------------|--|------------------------|--|----|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement   | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination          |    | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | MID ANP Table<br>ATM II-MID-1<br>MID REGION<br>ATS ROUTE<br>NETWORK | -                       | ATS route G202 not implemented   | Dec, 1997              | Segment DAKWE -<br>Damascus not<br>implemented | S  | Corrective Action Plan has not<br>been formally provided by the<br>State | Syria                 | Dec, 2018             | В                         |  |
| 2          | MID ANP Table<br>ATM II-MID-1<br>MID REGION<br>ATS ROUTE<br>NETWORK | -                       | ATS route UL602 not implemented  | Dec, 2003              | Segments ELEXI-<br>DRZ-GAZ not<br>implemented. | S  | Corrective Action Plan has not<br>been formally provided by the<br>State | Syria                 | Dec, 2018             | В                         |  |
| 3          | Annex 11<br>Para. 2.31  | -                       | 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              | No signed agreement yet                        | НО | Corrective Action Plan has not been formally provided by the State       | Syria                 | Dec, 2018             | A                         |  |

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

### C-15

| Item<br>No | Identif               | fication                | Deficiencies                            |                        |                                       |   | Corrective Action  |                       |                       |                           |  |
|------------|-----------------------|-------------------------|---|------------------------|---------------------------------------|---|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement           | Facilities/<br>Services | Description                             | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 4          | Annex 11 Para 3.3.5.1 | -                       | Reporting unsatisfactory LHDs to MIDRMA | Oct, 2013              | Syria to coordinate with MIDRMA.      | Н | Corrective Action Plan has not been formally provided by the State | Syria                 | Dec, 2018             | A                         |  |

### UAE

| Item<br>No | Identification  |   | Deficiencies   |                        |  |   | Corrective Action  |                       |                       |                           |  |
|------------|---|---|--|------------------------|--|---|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement Facilities/<br>Services                                 |   | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination  |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | Annex 11<br>Para. 2.31  | - | 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<br>Agreements signed<br>with Bahrain, Iran,<br>Oman and Saudi<br>Arabia. The plan<br>next is to sign with<br>Qatar after the<br>finalisation of the<br>LoA. | O | Corrective Action Plan has not been formally provided by the State       | UAE                   | Dec, 2018             | A                         |  |
| 2          | MID ANP Table<br>ATM II-MID-1<br>MID REGION<br>ATS ROUTE<br>NETWORK | - | ATS routes A418/UP574 not implemented  | Dec, 2006              | KUMUN-PAPAR<br>segment not<br>implemented.   | S | Corrective Action Plan has not<br>been formally provided by the<br>State | Iran- UAE             | Dec, 2018             | В                         |  |

### YEMEN

| Item<br>No | Identification                      |   | Deficiencies  |                        |  |        | Corrective Action  |                       |                       |                           |  |
|------------|-------------------------------------|---|---|------------------------|--|--------|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement Facilities/<br>Services |   | Description   | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination          |        | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | Annex 11<br>Para. 2.31              | - | 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<br>Agreement signed<br>only with Oman. | H<br>O | Corrective Action Plan has not been formally provided by the State | Yemen                 | Dec, 2018             | A                         |  |
| 2          | Annex 11 Para 3.3.5.1               | - | Granting RVSM approvals for aircraft without known hight-keeping monitoring results   | Dec, 2012              | -  | Н      | Corrective Action Plan has not been formally provided by the State | Yemen                 | Dec, 2018             | A                         |  |
| 3          | Annex 11 Para 3.3.5.1               | - | Reporting Unsatisfactory LHDs to MIDRMA   | Oct, 2013              | Yemen to coordinate with MIDRMA.                   | Н      | Corrective Action Plan has not been formally provided by the State | Yemen                 | Dec, 2018             | A                         |  |

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## APPENDIX D

### **Deficiencies in the CNS Field**

### **BAHRAIN**

| Item<br>No | Identi      | fication                | Deficiencies |                        |   | Corrective Action |                       |                       |                           |  |
|------------|-------------|-------------------------|--------------|------------------------|---|-------------------|-----------------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |

### **EGYPT**

| Item<br>No | Identif     | ication                 | Г           | Deficiencies           |   | Corrective Action |                       |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|-----------------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |

#### **IRAN**

| Item<br>No | Identif     | ication                 | ī           | Deficiencies           |   | Corrective Action |                |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|----------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |

## **IRAQ**

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

### **JORDAN**

| Item<br>No | Identif     | ication                 | ī           | Deficiencies           |   | Corrective Action |                |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|----------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |

### **KUWAIT**

| Item<br>No | Identif                               | ication  | D  | eficiencies            |   | Corrective Action |             |                       |                       |                           |
|------------|---------------------------------------|--|--|------------------------|---|-------------------|-------------|-----------------------|-----------------------|---------------------------|
|            | Requirement                           | Facilities/<br>Services                                    | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination |                   | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |
| I          | MID eANP VOI<br>II, Table CNS<br>II-2 | Inter-regional Communication link with ICAO EUR/NAT Region | The Inter-regional Communication Link between Kuwait COM Centre and one of the entry/exit points of the ICAO EUR/NAT Region is not implemented | Mar, 2019              | -   | O                 | -           | Kuwait                | Dec, 2019             | В                         |

### **LEBANON**

| Item<br>No | Identification D                      |   |  | Deficiencies           |   |   | Corrective Action |                       |                       |                           |  |
|------------|---------------------------------------|---|--|------------------------|---|---|-------------------|-----------------------|-----------------------|---------------------------|--|
|            | Requirement                           | Facilities/<br>Services                         | Description  | Date First<br>Reported |   |   | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | MID eANP<br>VOL II, Table<br>CNS II-3 | ATS Direct<br>Speech circuit<br>Ankara - Beirut | ATS Direct Speech Circuit<br>between Ankara and Beirut is<br>not implemented | Mar, 2019              | - | O | -                 | Lebanon and<br>Turkey | Dec, 2019             | В                         |  |

### LIBYA

| Item<br>No | Identif                               | fication                | Г                                      | Deficiencies           |   |   |             | Corrective Action     |                       |                           |  |  |
|------------|---------------------------------------|-------------------------|--|------------------------|---|---|-------------|-----------------------|-----------------------|---------------------------|--|--|
|            | Requirement                           | Facilities/<br>Services | Description                            | Date First<br>Reported | Remarks/ Rationale f<br>Non-elimination |   | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |
| 1          | MID eANP Vol<br>II, Table CNS<br>II-4 | HF Service              | HF Service in Tripoli is unserviceable | Mar, 2019              |   | O | •           | Libya                 | Dec, 2019             | A                         |  |  |

### **OMAN**

| Item Identification No |                                      |  | I   | Deficiencies           |   |   |   | Corrective Action     |                       |                           |  |  |
|------------------------|--------------------------------------|--|---|------------------------|---|---|---|-----------------------|-----------------------|---------------------------|--|--|
|                        | Requirement                          | Facilities/<br>Services                    | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination   |   | Description   | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |
| 1                      | MID eANP<br>VOL II Table<br>CNS II-3 | Direct Speech<br>Circuit Muscat-<br>Sana`a | Direct Speech Circuit (LIM<br>MID RAN) is required between<br>Muscat and Sana`a | Oct, 1998              | Under implementation. Oman Ready. Oman and Yemen are working to implement the circuit | О | Corrective Action Plan has not been formally provided by the State. | Oman- Yemen           | Dec, 2018             | В                         |  |  |

## **QATAR**

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

#### SAUDI ARABIA

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

### **SUDAN**

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

### **SYRIA**

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

### UAE

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

### YEMEN

| Item<br>No | Identif                              | ication   | Deficiencies  |                        |                                       | Corrective Action |  |                          |                       |                           |
|------------|--------------------------------------|---|---|------------------------|---------------------------------------|-------------------|--|--------------------------|-----------------------|---------------------------|
|            | Requirement                          | Facilities/<br>Services   | Description   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |                   | Description  | <b>Executing Body</b>    | Date of<br>Completion | Priority<br>for<br>Action |
| 1          | MID eANP<br>VOL II Table<br>CNS II-3 | ATS Direct<br>speech Circuits<br>Sana`a-Asmara,<br>Sana`a-Djibouti,<br>Sana`a-<br>Mogadishu,<br>Sana`a-Mumbai<br>and Sana`a-<br>Muscat. | ATS Direct speech circuits are not implemented between Sana`a-Mumbai and Sana`a-Muscat. | Oct, 1998              | -                                     | О                 | Corrective Action Plan has not<br>been formally provided by the<br>State | Yemen, India<br>and Oman | Dec, 2018             | A                         |

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## APPENDIX E

### **Deficiencies in the MET Field**

### **BAHRAIN**

| Item<br>No | Identif     | ication                 | I           | Deficiencies           |   | Corrective Action |                       |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|-----------------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |

## **EGYPT**

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

#### **IRAN**

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

# **IRAQ**

| Item<br>No | Identif           | ication                 | Deficiencies                  |                        |   |    | Corrective Action  |                       |                           |                           |  |
|------------|-------------------|-------------------------|-------------------------------|------------------------|---|----|--|-----------------------|---------------------------|---------------------------|--|
|            | Requirement       | Facilities/<br>Services | Description                   | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | or | Description  | <b>Executing Body</b> | Date of<br>Completion     | Priority<br>for<br>Action |  |
| 1          | Annex 3: Para 2.2 | QMS<br>Implementation   | Lack of Implementation of QMS | Sep, 2014              | - C                                       | О  | Corrective Action Plan has not been formally provided by the State | Iraq                  | Dec, <del>2018</del> 2019 | A                         |  |

## **JORDAN**

| Item<br>No | Identif     | ication                 | Deficiencies |                        |   | Corrective Action |                |                       |                           |  |
|------------|-------------|-------------------------|--------------|------------------------|---|-------------------|----------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |

## **KUWAIT**

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

## **LEBANON**

| Item<br>No | Identification   |   | Deficiencies                  |                        |                                       |   | Corrective Action  |                       |                              |                           |  |
|------------|--|---|-------------------------------|------------------------|---------------------------------------|---|--|-----------------------|------------------------------|---------------------------|--|
|            | Requirement  | Facilities/<br>Services   | Description                   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |   | Description  | <b>Executing Body</b> | Date of<br>Completion        | Priority<br>for<br>Action |  |
| 1          | ANNEX 15:<br>Para. 3.6<br>Annex 3: Para<br>2.2                       | QMS<br>Implementation   | Lack of Implementation of QMS | Sep, 2014              | (USOAP - CMA finding)                 | О | Corrective Action Plan has not been formally provided by the State | Lebanon               | Dec, <del>2018</del><br>2019 | A                         |  |
| 2          | Annex 3: Para.<br>9.1.4, 9.3.1,<br>9.4.1 and<br>Appendix 2,<br>2.1.1 | WAFS forecasts<br>required for<br>briefing and<br>flight<br>documentation | SADIS FTP not available       | May, 2016              | -                                     | O | Corrective Action Plan has not been formally provided by the State | Lebanon               | Dec, <del>2018</del> 2019    | A                         |  |

# LIBYA

| Item<br>No | Identification    |                         | Deficiencies                  |                        |                                       |   | Corrective Action  |                       |                           |                           |  |
|------------|-------------------|-------------------------|-------------------------------|------------------------|---------------------------------------|---|--|-----------------------|---------------------------|---------------------------|--|
|            | Requirement       | Facilities/<br>Services | Description                   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |   | Description  | <b>Executing Body</b> | Date of<br>Completion     | Priority<br>for<br>Action |  |
| 1          | Annex 3: Para 2.2 | QMS<br>Implementation   | Lack of Implementation of QMS | Sep, 2014              | (USOAP - CMA finding)                 | О | Corrective Action Plan has not been formally provided by the State | Libya                 | Dec, <del>2018</del> 2019 | A                         |  |

## **OMAN**

| Item<br>No | Identification    |                         | Deficiencies                  |                        |                                       |   | Corrective Action  |                       |                           |                           |
|------------|-------------------|-------------------------|-------------------------------|------------------------|---------------------------------------|---|--|-----------------------|---------------------------|---------------------------|
|            | Requirement       | Facilities/<br>Services | Description                   | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination | - | Description  | <b>Executing Body</b> | Date of<br>Completion     | Priority<br>for<br>Action |
| 1          | Annex 3: Para 2.2 | QMS<br>Implementation   | Lack of Implementation of QMS | Sep, 2014              | (USOAP-CMA finding)                   | О | Corrective Action Plan has not<br>been formally provided by the<br>State | Oman                  | Dec, <del>2018</del> 2019 | A                         |

# **QATAR**

| Item<br>No | Identif     | ication                 | Deficiencies |                        |   | Corrective Action |                |                       |                           |  |
|------------|-------------|-------------------------|--------------|------------------------|---|-------------------|----------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |

### SAUDI ARABIA

| Item<br>No | Identif     | ication                 | Deficiencies |                        |   | Corrective Action |                |                       |                           |  |
|------------|-------------|-------------------------|--------------|------------------------|---|-------------------|----------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |

# **SUDAN**

| Item<br>No | Identif     | ication                 | Deficiencies |                        |   | Corrective Action |                |                       |                           |  |
|------------|-------------|-------------------------|--------------|------------------------|---|-------------------|----------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |

### **SYRIA**

| Item<br>No | Identif                               | ication                          | Deficiencies   |                        |                       |   | Corrective Action  |                       |                           |                           |
|------------|---------------------------------------|----------------------------------|--|------------------------|-----------------------|---|--|-----------------------|---------------------------|---------------------------|
|            | Requirement                           | Facilities/<br>Services          | Description  | Date First<br>Reported |                       |   | Description  | <b>Executing Body</b> | Date of<br>Completion     | Priority<br>for<br>Action |
| 1          | MID eANP<br>VOL II, MET<br>Table II-2 | OSAP METAR<br>and 24-hour<br>TAF | OSAP METAR and 24-hour<br>TAF not available<br>internationally | Nov, 2013              | -                     | О | Corrective Action Plan has not been formally provided by the State | Syria                 | Dec, <del>2018</del> 2019 | A                         |
| 2          | Annex 3: Para 2.2                     | QMS<br>Implementation            | Lack of Implementation of QMS                                  | Sep, 2014              | (USOAP - CMA finding) | О | Corrective Action Plan has not been formally provided by the State | Syria                 | Dec, <del>2018</del> 2019 | A                         |
| 3          | Annex 3; Para 7.1                     | SIGMET implementation            | Non-issuance of SIGMET information                             | Nov, 2017              | (USOAP – CMA finding) | О | Corrective Action Plan has not been formally provided by the State | Syria                 | Jun, 2019                 | A                         |

# UAE

| Item<br>No | Identif     | fication                | I           | Deficiencies           |   |             | Corrective Action     |                       |                           |  |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------|-----------------------|-----------------------|---------------------------|--|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |

## YEMEN

| Item<br>No | Identif              | ication                 | Deficiencies                       |                        |                                       | Corrective Action |  |                       |                           |                           |
|------------|----------------------|-------------------------|------------------------------------|------------------------|---------------------------------------|-------------------|--|-----------------------|---------------------------|---------------------------|
|            | Requirement          | Facilities/<br>Services | Description                        | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |                   | Description  | <b>Executing Body</b> | Date of<br>Completion     | Priority<br>for<br>Action |
| 1          | Annex 3: Para<br>2.2 | QMS<br>Implementation   | Lack of Implementation of QMS      | Sep, 2014              | -                                     | O                 | Corrective Action Plan has not<br>been formally provided by the<br>State | Yemen                 | Dec, <del>2018</del> 2019 | A                         |
| 2          | Annex 3; Para 7.1    | SIGMET implementation   | Non-issuance of SIGMET information | Nov, 2017              | -                                     | О                 | Corrective Action Plan has not been formally provided by the State       | Yemen                 | Jun, 2019                 | A                         |

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# APPENDIX F

## **Deficiencies in the SAR Field**

## **BAHRAIN**

| tem Identification |             |                         | Т           | Deficiencies           |   |             | Corrective Action     |                       |                           |  |  |
|--------------------|-------------|-------------------------|-------------|------------------------|---|-------------|-----------------------|-----------------------|---------------------------|--|--|
|                    | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |

## **EGYPT**

| Item<br>No | Identif     | ication                 | I           | Deficiencies           |   | Corrective Action |                |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|----------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |

### **IRAN**

| Item<br>No | Identif     | ication                 | Г           | Deficiencies           |   | Corrective Action |                       |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|-----------------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |

# **IRAQ**

| Item<br>No | Identif  | Identification De       |  |                        |                                       |   | Corrective Action  |                       |                       |                           |  |
|------------|--|-------------------------|--|------------------------|---------------------------------------|---|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement  | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | Annex 12<br>Para. 2.1  | -                       | Lack of provision of required SAR services   | Apr, 2012              | -                                     | O | Corrective Action Plan has not been formally provided by the State | Iraq                  | Dec, 2018             | A                         |  |
| 2          | Annex 6 Part I,<br>Chap.6 and Part<br>II Chap. 2<br>Annex 10, Vol<br>III, Chap. 5<br>Annex 12<br>para. 2.6.4 | ELT                     | Non-compliance with carriage<br>of Emergency Locator<br>Transmitter (ELT) requirements | Apr, 2012              | -                                     | O | Corrective Action Plan has not been formally provided by the State | Iraq                  | Dec, 2018             | A                         |  |

## **JORDAN**

| Item<br>No | Identif     | ication                 | Г           | Deficiencies           |   |             | Corrective Action     |                       |                           |  |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------|-----------------------|-----------------------|---------------------------|--|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |

## **KUWAIT**

| Item<br>No | Identif  | ication                 | Deficiencies   |                        |                                       |   | Corrective Action  |                |                       |                           |  |
|------------|--|-------------------------|--|------------------------|---------------------------------------|---|--|----------------|-----------------------|---------------------------|--|
|            | Requirement  | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination |   | Description  | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | Annex 6 Part I<br>chap. 6 and Part<br>II chap. 2<br>Annex 10, Vol<br>III, Chap. 5<br>Annex 12<br>para. 2.6.4 | ELT                     | Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements | Apr, 2012              | -                                     | О | Corrective Action Plan has not been formally provided by the State | Kuwait         | Dec, 2018             | A                         |  |

## **LEBANON**

| Item<br>No | Identification        |                         | Deficiencies                               |                        |   |    | Corrective Action  |                       |                       |                           |  |
|------------|-----------------------|-------------------------|--|------------------------|---|----|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement           | Facilities/<br>Services | Description                                | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | or | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | Annex 12<br>Para. 2.1 | -                       | Lack of provision of required SAR services | Apr, 2012              | - 0                                       |    | Corrective Action Plan has not been formally provided by the State | Lebanon               | Dec, 2018             | A                         |  |

## LIBYA

| Item<br>No | Identification   |                         | ī  | Deficiencies           |  |             |  | Corrective Action     |                       |                           |  |  |
|------------|--|-------------------------|--|------------------------|--|-------------|--|-----------------------|-----------------------|---------------------------|--|--|
|            | Requirement  | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale fo<br>Non-elimination | or          | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |
| 1          | Annex 6 Part I<br>chap. 6 and Part<br>II chap. 2<br>Annex 10, Vol<br>III, Chap. 5<br>Annex 12<br>para. 2.6.4 |                         | Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements | Dec, 2014              |  | H<br>S<br>O | Corrective Action Plan has not<br>been formally provided by the<br>State | Libya                 | Dec, 2018             | A                         |  |  |
| 2          | Annex 12<br>Para. 2.1  | -                       | Lack of provision of required SAR services                                       | Dec, 2014              |  | H<br>S<br>O | Corrective Action Plan has not<br>been formally provided by the<br>State | Libya                 | Dec, 2018             | A                         |  |  |

### **OMAN**

| Item<br>No | Identif     | ication                 | I           | Deficiencies           |   | Corrective Action |                |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|----------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |

# **QATAR**

| Item<br>No | Identif     | ication                 | Г           | Deficiencies           |   | Corrective Action |                       |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|-----------------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |

## SAUDI ARABIA

| Item<br>No | Identi      | fication                | Г           | Deficiencies           |   | Corrective Action |                       |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|-----------------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |

## **SUDAN**

| Item<br>No | Identif     | ication                 | I           | Deficiencies           |   | Corrective Action |                |                       |                           |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|----------------|-----------------------|---------------------------|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | Executing Body | Date of<br>Completion | Priority<br>for<br>Action |  |

## **SYRIA**

| Item<br>No | Identif  | fication | Γ  | Deficiencies           |   |   | Corrective Action  |                       |                       |                           |  |
|------------|--|----------|--|------------------------|---|---|--|-----------------------|-----------------------|---------------------------|--|
|            | Requirement Facilities/<br>Services  |          | Description  | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination |   | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |
| 1          | Annex 12<br>Para. 2.1  | -        | Lack of provision of required SAR services   | Apr, 2012              | -   | О | Corrective Action Plan has not<br>been formally provided by the<br>State | Syria                 | Dec, 2018             | A                         |  |
| 2          | Annex 6 Part I<br>chap. 6 and Part<br>II chap. 2<br>Annex 10, Vol<br>III, Chap. 5<br>Annex 12<br>para. 2.6.4 | -        | Non-compliance with carriage<br>of Emergency Locator<br>Transmitter (ELT) requirements | Apr, 2012              | -   | О | Corrective Action Plan has not<br>been formally provided by the<br>State | Syria                 | Dec, 2018             | A                         |  |

## UAE

| Item<br>No | Identif     | fication                | I           | Deficiencies           |   | Corrective Action |                       |                       |                           |  |  |  |  |  |
|------------|-------------|-------------------------|-------------|------------------------|---|-------------------|-----------------------|-----------------------|---------------------------|--|--|--|--|--|
|            | Requirement | Facilities/<br>Services | Description | Date First<br>Reported | Remarks/ Rationale for<br>Non-elimination | Description       | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |  |  |  |

## YEMEN

| Item<br>No | Identif  | fication                | r  | Deficiencies           |                                       | Corrective Action |  |                       |                       |                           |  |  |  |
|------------|--|-------------------------|--|------------------------|---------------------------------------|-------------------|--|-----------------------|-----------------------|---------------------------|--|--|--|
|            | Requirement  | Facilities/<br>Services | Description  | Date First<br>Reported | Remarks/ Rationale<br>Non-elimination | for               | Description  | <b>Executing Body</b> | Date of<br>Completion | Priority<br>for<br>Action |  |  |  |
| 1          | Annex 12<br>Para. 2.1  | -                       | Lack of provision of required SAR services   | Apr, 2012              | -                                     | O                 | Corrective Action Plan has not<br>been formally provided by the<br>State | Yemen                 | Dec, 2018             | A                         |  |  |  |
| 2          | Annex 6 Part I<br>chap. 6 and Part<br>II chap. 2<br>Annex 10, Vol<br>III, Chap. 5<br>Annex 12<br>para. 2.6.4 | -                       | Non-compliance with carriage<br>of Emergency Locator<br>Transmitter (ELT) requirements | Apr, 2012              | -                                     | O                 | Corrective Action Plan has not been formally provided by the State       | Yemen                 | Dec, 2018             | A                         |  |  |  |

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.

\_\_\_\_\_

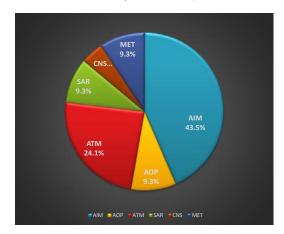
## APPENDIX G

#### AIR NAVIGATION DEFICIENCIES IN THE THE MID REGION

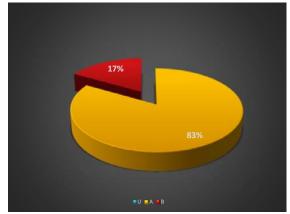
|         |   |        |          | AIM     |         |       |    | Total | l |        |     | AO | P   |       |   | Total |   |        |     | AT | М  |       |     | T   | otal |   |        |   | SAR |       |      |    | Total | T |        |    | CNS |      |       |   | Total | T |  |     | MET | r       |          | $\neg$   | Total |
|---------|---|--------|----------|---------|---------|-------|----|-------|---|--------|-----|----|-----|-------|---|-------|---|--------|-----|----|----|-------|-----|-----|------|---|--------|---|-----|-------|------|----|-------|---|--------|----|-----|------|-------|---|-------|---|--|-----|-----|---------|----------|----------|-------|
| STATE   | I | Priori | ty       |         | Rat     | ional |    | AIM   | 1 | Priori | ity |    | Rat | ional |   | AOP   |   | Priori | ity |    | Ra | tiona | 1   | A   | TM   | P | iority | 7 |     | Ratio | onal |    | SAR   |   | Priori | ty |     | Rati | ional |   | CNS   |   | Priori                                 | ity |     | Ratio   | onal     |          | MET   |
| SIAIE   | U | A      | В        | F       | Н       | S     | 0  |       | U | A      | В   | F  | Н   | S     | 0 |       | U | Α      | В   | F  | Н  | S     | (   | )   |      | U | Α      | В | F   | Н     | S    | 0  |       | U | Α      | В  | F   | Н    | S     | 0 |       | U | A                                      | В   | F   | Н       | S        | 0        |       |
| Bahrain |   |        |          |         |         |       |    | 0     |   |        |     |    |     |       |   | 0     |   |        |     |    |    |       |     |     | 0    |   |        |   |     |       |      |    | 0     |   |        |    |     |      |       |   | 0     |   |  |     |     |         |          |          | 0     |
| Egypt   |   | 1      |          |         |         |       | 1  | 1     |   | 1      |     | 1  | 1   |       |   | 1     |   |        |     |    |    |       |     |     | 0    |   |        |   |     |       |      |    | 0     |   |        |    |     |      |       |   | 0     |   |  |     |     |         |          | 1        | 0     |
| Iran    |   | 1      |          |         |         |       | 1  | 1     |   | 1      |     | 1  | 1   |       |   | 1     |   | 1      | 2   |    | 1  | 1     |     | 2   | 3    |   |        |   |     |       |      |    | 0     |   |        |    |     |      |       |   | 0     | T |  |     |     |         |          |          | 0     |
| Iraq    |   | 6      | 1        | 5       | 5       | 1     | 6  | 7     |   | 1      |     | 1  | 1   |       | 1 | 1     |   | 1      | 4   |    |    | 4     | 1   | 1   | 5    |   | 2      |   |     |       |      | 2  | 2     |   |        |    |     |      |       |   | 0     |   | 1                                      |     |     |         |          | 1        | 1     |
| Jordan  |   | 2      | 1        | 3       | 3       |       |    | 3     |   |        |     |    |     |       |   | 0     |   | 1      |     |    | 1  |       |     |     | 1    |   |        |   |     |       |      |    | 0     |   |        |    |     |      |       |   | 0     |   |  |     |     |         |          |          | 0     |
| Kuwait  |   |        |          |         |         |       |    | 0     |   |        |     |    |     |       |   | 0     |   | 1      |     |    |    | 1     |     |     | 1    |   | 1      |   |     |       |      | 1  | 1     |   |        | 1  |     |      |       | 1 | 1     |   |  |     |     |         |          | 1        | 0     |
| Lebanon |   | 3      | 1        |         | 2       |       | 2  | 4     |   | 1      |     | 1  | 1   |       |   | 1     |   | 1      |     |    |    | 1     |     |     | 1    |   | 1      |   |     |       |      | 1  | 1     |   |        | 1  |     |      |       | 1 | 1     | T | 2                                      |     |     |         |          | 2        | 2     |
| Libya   |   | 5      | 1        |         |         |       | 6  | 6     |   | 1      |     | 1  | 1   | 1     |   | 1     |   | 2      |     |    | 1  | 1     |     | 2   | 2    |   | 2      |   |     | 2     | 2    | 2  | 2     |   | 1      |    |     |      |       | 1 | 1     | T | 1                                      |     |     |         |          | 1        | 1     |
| Oman    |   | 4      |          |         |         |       | 4  | 4     |   |        |     |    |     |       |   | 0     |   | 1      |     |    |    | 1     |     |     | 1    |   |        |   |     |       |      |    | 0     |   |        | 1  |     |      |       | 1 | 1     | T | 1                                      |     |     |         |          | 1        | 1     |
| Qatar   |   |        |          |         |         |       |    | 0     |   |        |     |    |     |       |   | 0     |   | 1      |     |    |    | 1     |     |     | 1    |   |        |   |     |       |      |    | 0     |   |        |    |     |      |       |   | 0     | T |  |     |     |         |          |          | 0     |
| Saudi   |   |        |          |         |         |       |    |       |   |        |     |    |     |       |   |       |   | Ι.     |     |    |    | Τ.    |     |     |      |   |        |   |     |       |      |    |       |   |        |    |     |      |       |   |       | T |  |     |     |         |          |          |       |
| Arabia  |   | 1      |          |         | _       |       | 1  | 1     | 4 | ٠.     |     | -  | ٠.  |       |   | 0     | _ | 1      |     | _  | ٠. | 1     | ٠.  | . — | 1    |   |        |   |     |       |      |    | 0     |   |        |    |     |      |       |   | 0     | ┷ | —                                      |     | _   | Щ'      | <u> </u> | ш        | 0     |
| Sudan   |   | 3      | <u> </u> | <u></u> | <u></u> |       | 3  | 3     | _ | 1      |     | 1  | 1   |       |   | 1     |   | 1      |     | _  | 1  | 1     |     | ı   | 1    |   |        |   |     |       |      |    | 0     |   |        |    |     |      |       |   | 0     | Щ | ــــــــــــــــــــــــــــــــــــــ |     |     | Щ'      | <u> </u> | ليـــــا | U     |
| Syria   |   | 8      | 1        | 6       | 7       | 1     | 2  | 9     |   | 3      |     | 3  | 3   |       |   | 3     |   | 2      | 2   |    | 2  | 2     | 1   | 1   | 4    |   | 2      |   |     |       |      | 2  | 2     |   |        |    |     |      |       |   | 0     |   | 3                                      |     |     |         |          | 3        | 3     |
| UAE     |   |        |          |         |         |       |    | 0     |   |        |     | _  |     |       |   | 0     |   | 1      | 1   |    |    | 1     | 1   | 1   | 2    |   |        |   |     |       |      |    | 0     |   |        |    |     |      |       |   | 0     |   | $\perp$                                |     |     | <u></u> |          | Ш        | 0     |
| Yemen   |   | 7      | 1        | 4       | 2       |       | 4  | 8     | 1 | 1      |     | 1  | 1   | 1     |   | 1     | 1 | 3      |     | 1  | 3  | 1     | 1 2 | 2   | 3    |   | 2      |   |     |       |      | 2  | 2     | I | 1      |    |     |      |       | 1 | 1     |   | 2                                      |     | ı   | 1       |          | 2        | 2     |
| Total   | 0 | 41     | 6        | 18      | 19      | 2     | 30 | 47    | 0 | 10     | 0   | 10 | 10  | 1     | 1 | 10    | 0 | 17     | 9   | 0  | 9  | 15    | 5 1 | 0   | 26   | 0 | 10     | 0 | 0   | 2     | 2    | 10 | 10    | 0 | 2      | 3  | 0   | 0    | 0     | 5 | 5     | 0 | 10                                     | 0   | 0   | 0       | 0        | 10       | 10    |

TOTAL DEFICIENCIES:108

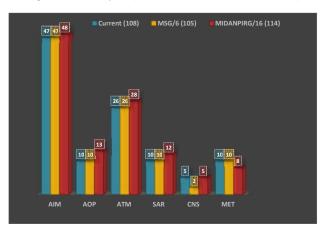
Distribution of Air Navigation deficiencies by field in %

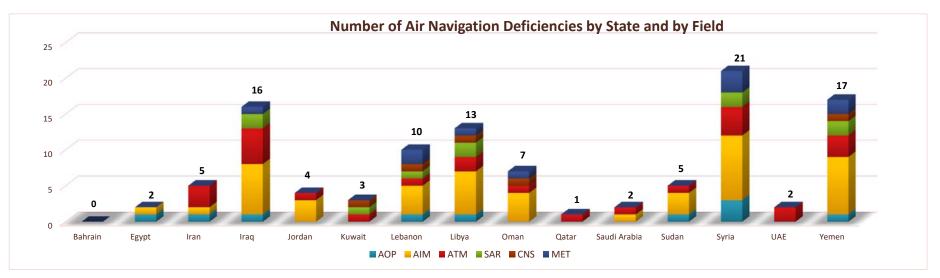


Distribution of Air navigation deficiencies by priority in %



Reported Deficiencies by field (MIDANPIRG/17 vs MSG/6 & MIDANPIRG/16)





Deficiencies to be approved by MIDANPIRG/17

|       | Bahrain | Egypt | Iran | Iraq | Jordan | Kuwait | Lebanon | Libya | Oman | Qatar | Saudi<br>Arabia | Sudan | Syria | UAE | Yemen | Total |
|-------|---------|-------|------|------|--------|--------|---------|-------|------|-------|-----------------|-------|-------|-----|-------|-------|
| AOP   | 0       | 1     | 1    | 1    | 0      | 0      | 1       | 1     | 0    | 0     | 0               | 1     | 3     | 0   | 1     | 10    |
| AIM   | 0       | 1     | 1    | 7    | 3      | 0      | 4       | 6     | 4    | 0     | 1               | 3     | 9     | 0   | 8     | 47    |
| ATM   | 0       | 0     | 3    | 5    | 1      | 1      | 1       | 2     | 1    | 1     | 1               | 1     | 4     | 2   | 3     | 26    |
| SAR   | 0       | 0     | 0    | 2    | 0      | 1      | 1       | 2     | 0    | 0     | 0               | 0     | 2     | 0   | 2     | 10    |
| CNS   | 0       | 0     | 0    | 0    | 0      | 1      | 1       | 1     | 1    | 0     | 0               | 0     | 0     | 0   | 1     | 5     |
| MET   | 0       | 0     | 0    | 1    | 0      | 0      | 2       | 1     | 1    | 0     | 0               | 0     | 3     | 0   | 2     | 10    |
| TOTAL | 0       | 2     | 5    | 16   | 4      | 3      | 10      | 13    | 7    | 1     | 2               | 5     | 21    | 2   | 17    | 108   |

### Deficiencies approved by MIDANPIRG/16

|       | Bahrain | Egypt | Iran | Iraq | Jordan | Kuwait | Lebanon | Libya | Oman | Qatar | Saudi<br>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     | 1    | 7    | 3      | 0      | 5       | 6     | 4    | 0     | 1               | 3     | 9     | 0   | 8     | 48    |
| ATM   | 0       | 2     | 3    | 5    | 1      | 1      | 1       | 2     | 1    | 1     | 1               | 1     | 4     | 2   | 3     | 28    |
| SAR   | 0       | 0     | 0    | 2    | 0      | 1      | 1       | 2     | 0    | 2     | 0               | 0     | 2     | 0   | 2     | 12    |
| CNS   | 0       | 0     | 0    | 2    | 0      | 0      | 0       | 0     | 1    | 0     | 0               | 0     | 1     | 0   | 1     | 5     |
| MET   | 0       | 0     | 0    | 1    | 0      | 0      | 2       | 1     | 1    | 0     | 0               | 0     | 2     | 0   | 1     | 8     |
| TOTAL | 0       | 5     | 5    | 18   | 6      | 2      | 10      | 12    | 7    | 3     | 2               | 5     | 21    | 2   | 16    | 114   |

|                              | Bahrain | Egypt | Iran | Iraq | Jordan | Kuwait | Lebanon | Libya | Oman | Qatar | Saudi<br>Arabia | Sudan | Syria | UAE | Yemen | Total |
|------------------------------|---------|-------|------|------|--------|--------|---------|-------|------|-------|-----------------|-------|-------|-----|-------|-------|
| MIDANPIRG/16<br>deficiencies | 0       | 5     | 5    | 18   | 6      | 2      | 10      | 12    | 7    | 3     | 2               | 5     | 21    | 2   | 16    | 114   |
| MSG/6 deficiencies           | 0       | 2     | 5    | 16   | 4      | 2      | 9       | 12    | 7    | 1     | 2               | 5     | 21    | 2   | 17    | 105   |
| MIDANPIRG/17 deficiencies    | 0       | 2     | 5    | 16   | 4      | 3      | 10      | 13    | 7    | 1     | 2               | 5     | 21    | 2   | 17    | 108   |

