

International Civil Aviation Organization

MIDANPIRG ATM Sub-Group

Second Meeting (ATM SG/2) (Cairo, Egypt, 30 November-3 December 2015)

#### Agenda Item 8: Review of Air Navigation Deficiencies in the ATM and SAR fields

#### ATM AND SAR DEFICIENCIES IN THE MID REGION

(Presented by the Secretariat)

SUMMARY										
This working paper presents the deficiencies in the ATM and SAR fields for review, update and remedial actions.										
Action by the meeting is at paragraph 3.										
References										
- MIDANPIRG/15 Report										

#### **1. INTRODUCTION**

1.1 The identification, assessment and reporting of air navigation deficiencies represent a regular task of the MIDANPIRG and its subsidiary bodies.

#### 2. DISCUSSION

2.1 The meeting may wish to recall that, MIDANPIRG noted with concern that the majority of the CAPs were not specifying a set of clear actions from States with specific timelines for the elimination of the deficiencies and it was agreed that the information reflected in the CAP column be deleted and urged States to use the MANDD to propose specific CAP for each deficiency.

2.2 MIDANPIRG/15 reviewed the outcome of the different MIDANPIRG subsidiary bodies related to air navigation deficiencies and agreed to the following Conclusion 15/35 to replace and supersede the MIDANPIRG/14 Conclusion 14/32:

CONCLUSION 15/35: AIR NAVIGATION DEFICIENCIES

That, States be urged to:

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

2.3 It is to be highlighted that in the ATM field, most of the deficiencies are related to the non-implementation of planned regional ATS Routes; uncompleted signature of contingency agreements, and to unsatisfactory reporting of large deviation Height (LHD) to the MIDRMA. In the SAR field, the deficiencies are related mainly to the lack of SAR provisions and non-compliance with the carriage of Emergency Locator Transmitter (ELT) requirements.

2.4 The updated lists of deficiencies in the ATM and SAR fields are at **Appendices A** and **B**, respectively.

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#### **3.** ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review and update the list of deficiencies in the ATM and SAR fields; and
- b) urge States to take necessary measures to implement the provisions of the MIDANPIRG/15 Conclusion 14/35, in particular submission of a specific Corrective Action Plan (CAP) for each deficiency.

#### **APPENDIX A**

### Deficiencies in the ATM Field

#### EGYPT

Item No	Identification		Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported			Description	Executing Body	Date of Completion	Priority for Action	
1	MID ANP Table ATS 1-ATS routes	-	ATS routes M305/UM305 not implemented	Apr, 2013	Segment BRN- ATMUL not implemented.	S	Corrective Action Plan has not been provided by the State	Egypt	Dec, 2016	В	
2	MID ANP Table ATS 1-ATS routes	-	ATS routes M312/UM312 not implemented	Apr, 2013	Segment DBA- AMIBO not implemented.	S	Corrective Action Plan has not been provided by the State	Egypt	Dec, 2016	В	

#### IRAN

Item No	Identif	ication	Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Signed with all neighboring States except Kuwait.	Н	Corrective Action Plan has not been provided by the State	Iran	Dec, 2015	A	
2	MID ANP Table ATS 1-ATS Route Network	-	ATS routes A418/UP574 not implemented	Dec, 2006	KUMUN-PAPAR segment not implemented.	S O	Corrective Action Plan has not been provided by the State	Iran- UAE	Dec, 2015	В	
3	Annex 11 Para 3.3.5.1	-	Reporting Unsatisfactory LHDs to the MIDRMA	Oct, 2013	Iran to coordinate with the MIDRMA.	Н	Corrective Action Plan has not been provided by the State	Iran	Dec, 2015	А	
4	MID ANP Table ATS 1-ATS Route Network	-	ATS Route G202 is restricted to certain defined airspace users	Jun, 2014	Not all Operators are authorized to fly G202	0	Corrective Action Plan has not been provided by the State	Iran	Dec, 2015	В	

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

# IRAQ

Item No	Identification		Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description Date First Remarks/ Rationale Reported Non-elimination				Executing Body	Date of Completion	Priority for Action		
1	MID ANP Table ATS 1- ATS Route Network	-	ATS route G667 not implemented	Sep, 2006	Segment ALSAN- ABD not implemented	S	Corrective Action Plan has not been provided by the State	Iraq- Iran- Kuwait	Dec, 2015	В	
2	Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency Agreement signed only with Iran	S	Corrective Action Plan has not been provided by the State	Iraq	Dec, 2015	A	
3	MID ANP Table ATS 1 ATS Route Network	-	ATS route G795 not implemented	May, 2008	RAF-BSR segment not implemented	S	Corrective Action Plan has not been provided by the State	Iraq- Saudi Arabia	Dec, 2015	В	
4	MID ANP Table ATS 1-ATS Route Network	-	ATS route A424 not implemented	May, 2008	LOTAN-LOVEK segment not implemented	0	Corrective Action Plan has not been provided by the State	Iraq	Dec, 2015	В	

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

"H"= Human Resources

"S"= State (Military/political)

Item No	Identif	fication	Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported	Remarks/ Rationale Non-elimination	-	Description	Executing Body	Date of Completion	Priority for Action	
5	MID ANP Table ATS 1-ATS Route Network	ATS route	ATS Route G669 not implemented	May, 2008	segment RAF - SOLAT not implemented	S	Corrective Action Plan has not been provided by the State	Iraq	Dec, 2015	В	

### JORDAN

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

### KUWAIT

Item No	Identif	ication	Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported			Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 11 Para. 2.30	-	Development of contingency plan	Nov, 2006	Contingency Plan was signed with Bahrain and Saudi Arabia. Contingency Plans with Iraq and Iran are still to be signed.	S	Corrective Action Plan has not been provided by the State	Kuwait	Dec, 2015	А	

### LEBANON

Item No	Identification Deficiencies					C	orrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency agreements not signed with Cyprus and Syria	S	Corrective Action Plan has not been provided by the State	Lebanon	Dec, 2015	А
2	Annex 11 Para 3.3.5.1	-	Granting RVSM approvals for aircraft without known hight- keeping monitoring results	Dec, 2012	-	0	Corrective Action Plan has not been provided by the State	Lebanon- DGCA	Dec, 2015	А

### LIBYA

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

#### OMAN

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

### QATAR

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

### SAUDI ARABIA

Item No	Identif	ïcation	Deficiencies				Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Contingency Agreements not signed with Eritrea, Iraq, Qatar, Sudan and Yemen.	S	Corrective Action Plan has not been provided by the State	Saudi Arabia	Dec, 2015	А	

### SUDAN

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

### **SYRIA**

Item No	Identification		Deficiencies				Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
1	ID ANP Table ATS 1-ATS Route Network	-	ATS route G202 not implemented	Dec, 1997	Segment DAKWE - Damascus not implemented	S	Corrective Action Plan has not been provided by the State	Syria	Dec, 2015	В	
2	MID ANP Table ATS 1-ATS Route Network	-	ATS route UL602 not implemented	Dec, 2003	Segments ELEXI- DRZ-GAZ not implemented.	S	Corrective Action Plan has not been provided by the State	Syria	Dec, 2015	В	
3	Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	-	H O	Corrective Action Plan has not been provided by the State	Syria	Dec, 2015	А	
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 provided by the State	Syria	Dec, 2015	А	

#### UAE

Item No	Identif	ication	Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Remarks/ Rationale for Reported Non-elimination		Description	Executing Body	Date of Completion	Priority for Action		
1	Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs.	Nov, 2006	Plan completed and Agreements signed with Bahrain, Iran, Oman and Saudi Arabia. The plan next is to sign with Qatar after the finalisation of the LoA.	0	Corrective Action Plan has not been provided by the State	UAE	Jun, 2015	A	
2	MID ANP Table ATS 1-ATS Route Network	-	ATS routes A418/UP574 not implemented	Dec, 2006	KUMUN-PAPAR segment not implemented.	S	Corrective Action Plan has not been provided by the State	Iran- UAE	Jun, 2015	В	

#### YEMEN

Item No			I	Deficiencies			Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale Non-elimination	for	Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 11 Para. 2.30 USOAP ANS PQ 7.153	-	Development of contingency plan for implementation in the event of disruption or potential disruption of ATS and related supporting services. The Plan should also address natural disasters and public health emergencies. Contingency agreements should be signed with all adjacent ACCs	Nov, 2006	Contingency Agreement signed only with Oman.	H O	Corrective Action Plan has not been provided by the State	Yemen	Dec, 2015	А	
2	Annex 11 Para 3.3.5.1	-	Granting RVSM approvals for aircraft without known hight- keeping monitoring results	Dec, 2012	-	H O	Corrective Action Plan has not been provided by the State	Yemen	Dec, 2015	А	
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 provided by the State	Yemen	Dec, 2015	А	

#### **APPENDIX B**

### **Deficiencies in the SAR Field**

### IRAQ

Item No	Identification		I	Deficiencies				Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action		
1	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been provided by the State	Iraq	Dec, 2015	А		
2	Annex 6 Part I, Chap.6 and Part II Chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	0	Corrective Action Plan has not been provided by the State	Iraq	Dec, 2015	A		

### KUWAIT

Item No	Identification		Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported			Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	0	Corrective Action Plan has not been provided by the State	Kuwait	Dec, 2015	А	

### LEBANON

Item No	Identification		Deficiencies				Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported			Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been provided by the State	Lebanon	Dec, 2015	А	

#### LIBYA

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

## QATAR

Item No	Identi	fication	I	Deficiencies				Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action		
1	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been provided by the State	Qatar	Dec, 2015	А		
2	Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	ELT	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	Ο	Corrective Action Plan has not been provided by the State	Qatar	Dec, 2015	А		

### **SYRIA**

Item No	Identification		I	Deficiencies			Corrective Action				
	Requirement Facilities/ Services		Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been provided by the State	Syria	Dec, 2015	А	
2	Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	-	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	0	Corrective Action Plan has not been provided by the State	Syria	Dec, 2015	А	

### YEMEN

Item No	Identif	ïcation	I	Deficiencies			Corrective Action				
	Requirement Faciliti Servic		Description	Date First Reported			Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 12 Para. 2.1	-	Lack of provision of required SAR services	Apr, 2012	-	0	Corrective Action Plan has not been provided by the State	Yemen	Dec, 2015	А	
2	Annex 6 Part I chap. 6 and Part II chap. 2 Annex 10, Vol III, Chap. 5 Annex 12 para. 2.6.4	-	Non-compliance with carriage of Emergency Locator Transmitter (ELT) requirements	Apr, 2012	-	0	Corrective Action Plan has not been provided by the State	Yemen	Dec, 2015	А	

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.

-END-

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