



International Civil Aviation Organization

MIDANPIRG/20 and RASG-MID/10 Meetings

(Muscat, Oman, 14-17 May 2023)

Agenda Item 6.5: ATM/SAR

SAR IMPLEMENTATION

(Presented by the Secretariat)

SUMMARY

This paper presents the status of Search and Rescue in the MID Region and the related issues.

Action by the meeting is at paragraph 3.

REFERENCES

- MID Doc. 010: SAR implementation Plan
- MIDANPIRG/19 and RASG-MID/9 Meetings Report (Riyadh, Saudi Arabia, 14-17 February 2022)
- ATM SG/8 meeting Report (Amman, Jordan;

1. INTRODUCTION

1.1 The Standards, Recommended Practices and Procedures and guidance material related to the implementation of Search and Rescue (SAR) are mainly contained in ICAO Annex 12, International Aeronautical and Maritime Search and Rescue Manual (IAMSAR - Doc 9731). On regional level, the MID SAR implementation Plan was endorsed and published as MID Doc 010, in 2018.

1.2 Furthermore, the 6th edition of GANP, under ASBU GADS B1/2, which was identified as Priority 1 in the MID Region Air Navigation Strategy, is related to Global Aeronautical Distress and Safety System (GADSS) Operational Control Directory, is applicable to all MID States (100% by 2021).

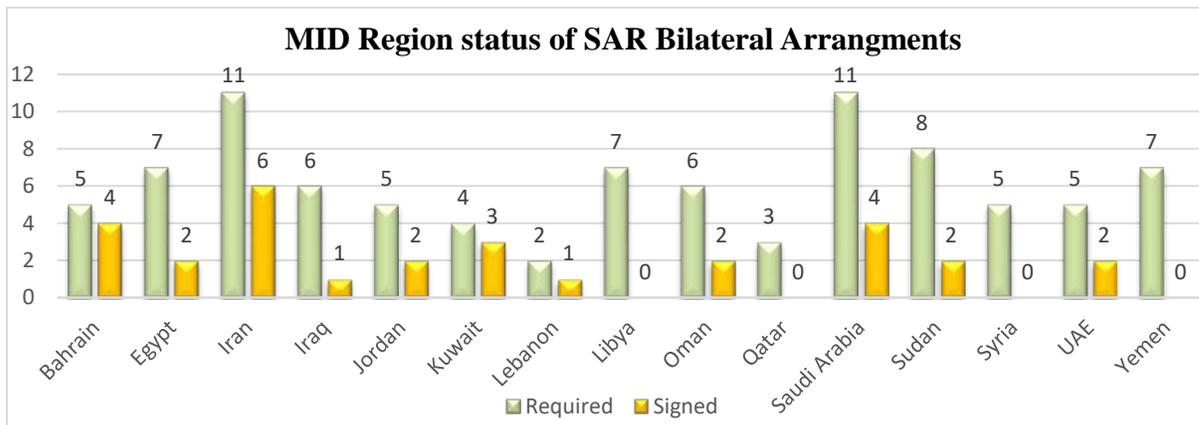
2. DISCUSSION

2.1 The meeting may wish to recall that SAR main findings and challenges identified earlier in the MID Region are still standing for long duration, the findings are mainly related to the lack of:

- effective SAR oversight activities;
- English language proficiency for RCC radio operators;
- appropriate training programmes/plans of SAR experts;

- signature of SAR bi-lateral Agreements (current signed agreements as of Oct 2022 is at **Appendix A**);
- plans of operations for the conduct of SAR operations and SAR exercises;
- provision of required SAR services; and
- non-compliance with the carriage of Emergency Locator Transmitter (ELT) requirements.

2.2 The meeting may wish to note the status of the reported SAR bilateral Arrangements, as of November 2022, at **Appendix A**; which is also reflected in the following Graph 1:



Graph 1

2.3 MID States were urged to keep up-to-date their SAR Point of Contact (SPOC) contact details in their AIPs (GEN 3.6) and on the COSPAS-SARSAT website: <http://www.cospas-sarsat.int/en/>. It is also requested to provide ICAO MID with the assigned person(s) to be included in the GADSS Contacts directory. The current list is at **Appendix B**.

2.4 The meeting may wish to recall that the MID Doc. 010: SAR implementation Plan, includes material that would support the implementation of different requirements:

- SAR Facilities and resources reference material, including national implementation guidance plan;
- Check list for SAR capability matrix;
- SAR LoA template;
- Work plan for SAREX meeting; and
- MID States Contact details table.

2.5 The current implementation status of ASBU GADS B1/2: Operational Control Directory is 73%, while the targets was 100% by 2021 (WP/38 refers).

1.3 The meeting may wish to recall that ICAO MID Office was encouraged to explore means to support MID States in eliminating SAR findings and deficiencies by, in particular, organizing a SAR implementation Seminar.

1.4 Based on the above the meeting is invited to agree on the following Decision, emanating from the ATM SG/8 meeting:

DRAFT CONCLUSION 8/4: SAR WORKSHOP

That, the ICAO MID Office organize a SAR Workshop in 2023, to address the challenges related to SAR in the MID Region.

1.5 Based on the presentation provided by UAE during the ATM SG/8 meeting, related to the developments related to the SAR field within UAE; in particular the SAR Regulations (UAE CAR SAR) the certification of SAR Providers, and the establishment of a dedicated National Search and Rescue Center (NSRC) that is in charge of providing SAR within Emirates SRR. UAE offered in principle the intention of hosting a Regional Seminar to support SAR implementation within the Region, including topics of establishing regulatory framework and oversight programme for Search and Rescue.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) encourage States to use the ICAO Doc 010 to support the SAR implementation; and provide ICAO MID Office with regular updates on the implementation status, achievements and challenges;
- b) explore ways and means to further support MID States in the elimination the longstanding SAR findings and deficiencies; including the organization of SAR Seminar;
- c) review and, update as deemed necessary:
 - i. the status of bilateral Arrangements between ANSPs/ACCs at **Appendix A**;
 - ii. the SAR Point of Contact (SPOC) contact details on the COSPAS-SARSAT website: <http://www.cospas-sarsat.int/en/>; and
 - iii. the list of SAR and GADSS focal points in the MID Region at **Appendix B**; to be included in GADSS repository.

MID REGION SAR AGREEMENT STATUS BETWEEN ANSPS/ACCS
October 2022

STATE	CORRESPONDING STATES			REMARKS*
BAHRAIN	<input checked="" type="checkbox"/> IRAN <input checked="" type="checkbox"/> SAUDI ARABIA	<input checked="" type="checkbox"/> KUWAIT <input checked="" type="checkbox"/> UAE	<input type="checkbox"/> QATAR	4/5
EGYPT	<input checked="" type="checkbox"/> CYPRUS <input type="checkbox"/> JORDAN <input type="checkbox"/> SUDAN	<input type="checkbox"/> GREECE <input checked="" type="checkbox"/> LYBIA	<input type="checkbox"/> Israel <input type="checkbox"/> SAUDI ARABIA	2/7
IRAN	<input checked="" type="checkbox"/> ARMENIA <input checked="" type="checkbox"/> BAHRAIN <input checked="" type="checkbox"/> OMAN <input type="checkbox"/> TURKMENISTAN	<input checked="" type="checkbox"/> AZERBAIJAN <input type="checkbox"/> IRAQ <input type="checkbox"/> PAKISTAN <input checked="" type="checkbox"/> UAE	<input type="checkbox"/> AFGHANISTAN <input checked="" type="checkbox"/> KUWAIT <input type="checkbox"/> TURKEY	6/11
IRAQ	<input type="checkbox"/> IRAN <input checked="" type="checkbox"/> JORDAN	<input type="checkbox"/> KUWAIT <input type="checkbox"/> SAUDI ARABIA	<input type="checkbox"/> SYRIA <input type="checkbox"/> TURKEY	1/6
JORDAN	<input type="checkbox"/> EGYPT <input checked="" type="checkbox"/> IRAQ	<input type="checkbox"/> ISRAEL <input checked="" type="checkbox"/> SAUDI ARABIA	<input type="checkbox"/> SYRIA	2/5
KUWAIT	<input checked="" type="checkbox"/> BAHRAIN <input checked="" type="checkbox"/> IRAN	<input type="checkbox"/> IRAQ	<input checked="" type="checkbox"/> SAUDI ARABIA	3/4
LEBANON	<input checked="" type="checkbox"/> CYPRUS	<input type="checkbox"/> SYRIA		1/2
LIBYA	<input type="checkbox"/> ALGERIA <input type="checkbox"/> CHAD <input type="checkbox"/> EGYPT	<input type="checkbox"/> MALTA <input type="checkbox"/> NIGER	<input type="checkbox"/> SUDAN <input type="checkbox"/> TUNIS	0/7
OMAN	<input type="checkbox"/> INDIA <input checked="" type="checkbox"/> IRAN	<input checked="" type="checkbox"/> SAUDI ARABIA <input type="checkbox"/> PAKISTAN	<input type="checkbox"/> UAE <input type="checkbox"/> YEMEN	2/6
QATAR	<input type="checkbox"/> BAHRAIN	<input type="checkbox"/> SAUDI ARABIA	<input type="checkbox"/> UAE	0/3
SAUDI ARABIA	<input checked="" type="checkbox"/> BAHRAIN <input type="checkbox"/> IRAQ <input checked="" type="checkbox"/> OMAN <input type="checkbox"/> UAE	<input type="checkbox"/> EGYPT <input checked="" type="checkbox"/> JORDAN <input type="checkbox"/> Qatar <input type="checkbox"/> YEMEN	<input type="checkbox"/> ERITREA <input checked="" type="checkbox"/> KUWAIT <input type="checkbox"/> SUDAN	4/11
SUDAN	<input type="checkbox"/> CENTRAL AFRICAN <input type="checkbox"/> CHAD <input type="checkbox"/> EGYPT	<input checked="" type="checkbox"/> ERITREA <input checked="" type="checkbox"/> ETHIOPIA <input type="checkbox"/> LIBYA	<input type="checkbox"/> SAUDI ARABIA <input type="checkbox"/> SOUTH SUDAN	2/8
SYRIA	<input type="checkbox"/> IRAQ <input type="checkbox"/> JORDAN	<input type="checkbox"/> LEBANON <input checked="" type="checkbox"/> CYPRUS	<input checked="" type="checkbox"/> TURKEY	2/5
UAE	<input checked="" type="checkbox"/> BAHRAIN <input checked="" type="checkbox"/> IRAN	<input type="checkbox"/> OMAN <input type="checkbox"/> SAUDI ARABIA	<input type="checkbox"/> QATAR	2/5
YEMEN	<input type="checkbox"/> DJIBOUTI <input type="checkbox"/> ERITREA <input type="checkbox"/> ETHIOPIA	<input type="checkbox"/> INDIA <input type="checkbox"/> OMAN <input type="checkbox"/> SAUDI ARABIA	<input type="checkbox"/> SOMALIA	0/7

Agreement Signed Agreement NOT Signed *Signed Agreements / Total No. of required Agreements

LIST OF GADSS FOCAL POINTS

Oct 2022

State	Name	Title	Email	Tel. & Mobile
Bahrain	Mr. Ahmed Al Shamlan	Head of Search & Rescue Air Navigation Directorate	ahmed.alshamlan@mtt.gov.bh bahrainsar@mtt.gov.bh	Tel.: +973 17329969/9959
Egypt	Mr. Hesham AbdelBasset AbdelAziz	GM, Crisis Management	crimang@civilaviation.gov.eg	Tel. +202 22677 617 Mob. +201141130 557
	Mr. Mohamed Abbass Elgamal	Search and Rescue Senior Inspector	Visaversa82@yahoo.com	Mob. +201061826970
Iran	Mr. Hamid Reza Saanei	Aeronautical Operations Chief Expert and Aerodrome Expert	h-saanei@cao.ir saanei@gmail.com	Tel: +982 166073534 Mob: +989125935990
Iraq	Mr. Thaer Hasan Salim	CNS Inspector/ flight safety Iraq Civil Aviation Authority	ans.sur@icaa.gov.iq thaerhasan1976@gmail.com	Tel.: +964 7702974405
Jordan	Eng. Mohammed Ali ALmomani	Chief Of Safety & Standard ANS	ma.almomani@carc.gov.jo	Tel: +962 6 4892282 Mob: +962 777307032
	Mr. Ali Taleb	Chief of Amman TACC & RCC	ali.taleb@carc.gov.jo	Tel: +96264799120 ext. 5689 Mob: +962799766728
Kuwait				
Lebanon				
Libya				
Oman	Mr. Jaffer Abdul Amir Moosani	AIM Director	jaffer@caa.gov.om	Tel: +968-24354945 Mob: +968-99316040
Qatar	Ahmad Eshaq	ANS Directorate	Ahmed@QCAA.gov.qa	Tel.: +974 55550440

APPENDIX B

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State	Name	Title	Email	Tel. & Mobile
Saudi Arabia	Mr. Fahad Saud Alharbi	Head of Aeronautical Search and Rescue Center	fasalharbi@sans.com.sa	Tel: +966 11 525 3779 Mob: +966 505329284
	Mr. Hamdan Alshaibani	Safety Inspector	hmalshaibani@gaca.gov.sa	
Sudan	Mr. Hashim Basheer	Head of SAR	Berger124@gmail.com hashim_sar@scaa.gov.sd HSSSYCYX	+249 123179582 +249 912382433
Syria				
UAE	Mr. Omar Al Abdouli	Senior Manager / Air Traffic Operations	oabdouli@szc.gcaa.ae	Tel.: +971-2-599-6910
Yemen				

ASBU Element		Applicability	Targets	Timelines	Status
GADS B1/2	Operational Control Directory	All States	100%	Dec 2021	Bahrain
					Egypt
					Iran
					Iraq
					Jordan
					Kuwait
					Lebanon
					Libya
					Oman
					Qatar
					Saudi Arabia
					Sudan
					Syria
					UAE
Yemen					

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