



*International Civil Aviation Organization*

**MIDANPIRG ATM Sub-Group**

**Second Meeting (ATM SG/2)**  
*(Cairo, Egypt, 30 November – 03 December 2015)*

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**Agenda Item 7: Search and Rescue Issues**

**STATUS OF SAR IN THE MID REGION**

*(Presented by the Secretariat)*

<p style="text-align: center;"><b>SUMMARY</b></p> <p>This paper presents the status of Search and Rescue (SAR) in the MID Region. Action by the meeting is at paragraph 3.</p>
<p style="text-align: center;"><b>REFERENCES</b></p> <p>-MIDANPIRG/15 Report</p>

**1. INTRODUCTION**

1.1 The ICAO USOAP-CMA focuses on a State's capability in providing safety oversight by assessing whether the State has effectively and consistently implemented the critical elements of a safety oversight system and determining the State's level of implementation of ICAO's safety – related SARPs, including Annex 12 Search and Rescue, and associated procedures and guidance material.

**2. DISCUSSION**

2.1 The DGCA-MID/3 and MIDANPIRG/15 meetings underlined that many deficiencies related to Search and Rescue (SAR) have not been eliminated since many years. The SAR deficiencies in the MID Region concern mainly the following:

- a) lack of signature of SAR agreements;
- b) lack of plans of operations for the conduct of SAR operations and SAR exercises;
- c) training of SAR personnel and SAR inspectorate staff;
- d) lack of provision of required SAR services; and
- e) non-compliance with the carriage of Emergency Locator Transmitter (ELT) requirements.

2.2 Based on the above, States were urged to take necessary measures to ensure the implementation of the ICAO provisions related to SAR.

2.3 The MIDANPIRG/15 meeting was apprised of the outcome of the ICAO/International Maritime Organization (IMO) Search and Rescue-Global Maritime Distress and Safety System Conference (ICAO/IMO SAR GMDSS Conference), which was successfully held in Bahrain 21-22 October 2014, for the Gulf Cooperation Council (GCC) States. The Conference provided a forum for sharing experiences and discussing relevant matters to SAR between Civil/Military Aeronautical and Maritime representatives.

2.4 The MIDANPIRG/15 meeting encouraged States to take into consideration the Recommendations, emanating from the ICAO/IMO SAR GMDSS Conference.

2.5 The MIDANPIRG/15 meeting agreed that the ICAO MID Regional Office scheduled a SAR Regional Workshop in 2016, which might be held jointly with the International Maritime Organization (IMO) to foster the implementation of SAR provisions in the MID Region and enhance cooperation between concerned stakeholders. In this respect, the meeting encouraged States to actively participate in the planned Workshop and ensure that their delegations are composed of Civil/Military Aeronautical and Maritime representatives involved in SAR.

2.6 The MIDANPIRG/15 meeting noted that the DGCA-MID/3 meeting recognized the importance of the conduct of regional/sub-regional SAR training exercises. Accordingly, the meeting agreed to the following Decision:

*DECISION 15/24: MID REGIONAL/SUB-REGIONAL SEARCH AND RESCUE TRAINING EXERCISES*

*That, the ATM Sub-Group develop an action plan for the conduct of regional/sub-regional SAR training exercises.*

2.7 The MIDANPIRG/15 meeting reviewed and updated the status of SAR Bilateral Arrangements between ANSPs/ACCs, the list of the MID SAR Point of Contact (SPOC) for the reception of the COSPAS-SARSAT messages and the List of MID SAR Focal Points, at **Appendices A, B and C**, respectively.

2.8 The meeting may wish to recall that the main objectives of the SAR exercises are to test and improve operational plans, provide learning experience and improve liaison and coordination skills. Exercises, conducted on a realistic basis, help to demonstrate and assess the true effectiveness of training and the operational efficiency and competence of the SAR service. Exercises will reveal deficiencies that may exist in SAR plans and enable them to be improved. It is safer to have shortcomings revealed by exercises rather than during actual operations.

2.9 Exercises can and should be conducted on three levels:

- a) the simplest type of exercise, a Communications Exercise, requires the least planning. It consists of periodic use of all means of communications between all potential users to ensure capability for actual emergencies;
- b) a Co-ordination Exercise involves simulated response to a crisis based on a series of scenarios. All levels of the SAR service are involved but do not deploy. This type of exercise requires considerable planning, and usually one to three days to execute; and

- c) the third type, a Full-Scale Exercise or a Field Exercise, differs from the previous types in that actual SAR facilities are deployed. This increases the scope of SAR system-testing and adds realistic constraints due to times involved in launching, transit, and activities of the SRUs.

2.10 Successful exercises require planning, execution and evaluation. Exercises are carried out for training, to evaluate established plans and procedures and to test new concepts. Exercises also offer experience in the management of risks and safety for SAR operations.

2.11 It is to be highlighted that ICAO MID Regional Office scheduled a Workshop on SAR end of December, which might be conducted back-to-back with a SAR exercise.

2.12 The meeting may wish to note that MIDANPIRG/15 endorsed the ACCs' LoA Template, which includes the SAR Bilateral Arrangements, developed to ensure the availability of adequate alerting and coordination procedures between adjacent ACCs. The LoA Template is available on the ICAO MID Regional Office website:  
[https://portal.icao.int/RO\\_MID/Pages/eDocs.aspx](https://portal.icao.int/RO_MID/Pages/eDocs.aspx)

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

3.1 The meeting is invited to urge States to:

- a) agree on necessary measures to implement the provisions of the MIDANPIRG/15 Decision 15/24;
- b) take necessary measures to implement the provisions and the requirements related to SAR;
- c) update the status of SAR agreements in the MID Region, SAR Points of Contact (SPOCs) and SAR Focal Points contact details at **Appendices A, B and C**, respectively; and
- d) encourage States to:
  - i. use the SAR Agreement/Bilateral Arrangements;
  - ii. provide the ICAO MID Regional Office with a periodic update related to their SAR activities/status; and
  - iii. attend the SAR Workshop planned for December 2015.

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APPENDIX A

**MID REGION SAR AGREEMENT STATUS BETWEEN ANSPS/ACCS**

**June 2015**

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

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APPENDIX B

MID REGION SAR POINT OF CONTACT (SPOC) – COSPAS-SARSAT

STATE	SPOC NAME	ADDRESS	EMAIL	TEL	FAX	AFTN	ASS. MCC/ STATE <sup>1</sup>	LAST REVISION	REMARK
<b>Bahrain</b>	RCC ATC Bahrain	Bahrain CAA, Air Navigation Directorate P.O. Box 586 Kingdom of Bahrain	Bahatc@caa.gov.bh	(973) 17321081 17321080	(973) 17321905	OBBISARX	SAMCC Saudi Arabia	16-April-2013	
<b>Egypt</b>	SAR Centre	SAR Centre Almaza Air Base Heliopolis, Cairo, Egypt	jrc136@afmic.gov.eg mmc@saregypt.net nahedh@tra.gov.eg	(202) 24184537 24184531	(202) 24184537 24184531	HECCYCYX	ALMCC Algeria	22-OCT-2013	TELEX: (91) 21095 RCCC RUN
<b>Iran</b>	RCC Tehran	Civil Aviation Organization SAR Coordination Centre Mehrabad Airport Tehran, Iran	SAR@cao.ir IRAN-SAR@airport.ir rcc.IRAN@airport.ir	(9821) 44544107 44544116 44544060	(9821) 44544117 44544106	OIIIZRZX	TRMCC Turkey	1-Jan-2013	
<b>Iraq</b>	RCC ATC Baghdad'	Baghdad ACC, Baghdad International Airport	atc_iraqcaa@yahoo.com	(964) 7901654653	(974) 15430764		TRMCC Turkey	18-Mar.-2015	
<b>Jordan</b>	RCC ATC Amman	RCC Civil Aviation Authority Amman Airport, Jordan		(9626) 4451672	(9626) 4451667	OJACZQZX	SAMCC Saudi Arabia	16-Apr-2013	
<b>Kuwait</b>	RCC ATC Kuwait	RCC DGCA Kuwait International Airport, P.O.Box 17, Kuwait		(965) 24760463 24762994	(965) 24346515 24346221	OKBKZQZX OKBKNSAR	SAMCC Saudi Arabia	16-Apr-2013	
<b>Lebanon</b>	RCC Beirut	RCC, DGCA Lebanon, Hariri Int'l Airport- Beirut, Lebanon		(961) 1628161	(961) 1628186 1629035	OLBIZQZX	SAMCC Saudi Arabia	16-Apr-2013	
<b>Libya</b>	CAA	CAA, Tripoli Int'l Airport, Libya	info@sar.caa.ly	(218.21) 5632332 4446799 3606868	(218.21) 563 0257 360 6868	HLLTYCYX	ALMCC Algeria	16-May-2013	TELEX (218.21) 5632332
<b>Oman</b>	RCC Muscat Air Force	RCC, HQ RAFO P.O.Box 730 Central Post Office Muscat Int'l		(968) 24519209	(968) 24334776	OOMSYAYX	SAMCC Saudi	16-Apr-2013	

<sup>1</sup> Associated COSPAS-SARSAT Mission Control Center / State where it is located

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STATE	SPOC NAME	ADDRESS	EMAIL	TEL	FAX	AFTN	ASS. MCC/ STATE <sup>1</sup>	LAST REVISION	REMARK
		Airport, Oman		24519332	24338692		Arabia		
<b>Qatar</b>	DJRCC	P.O. Box 37 Doha, Qatar	qatsar@yahoo.com	(974) 44980384		OTBDZTZX	SAMCC Saudi Arabia	02-Apr- 2015	
<b>Saudi Arabia*</b>	SAMCC	KSA.GACA / Air Navigation services P.O.Box 929 Jeddah 21421 Saudi Arabia	samcc@gaca.gov.sa	(96612) 6150170 6855812 (96650) 4601445	(96612) 6150171 6402855	OEJNJSAR	SAMCC Saudi Arabia	28-Jun- 2013	TEL 3 & FAX 2 for Head of SAMCC
<b>Sudan</b>	ACC Khartoum	Khartoum Airport, Sudan		(249.183) 788192 784925	(249.183) 528323	HSSSYCYX	ITMCC Italy	16-Apr- 2013	Thuraya +8821655524 296
<b>Syria</b>	RCC ATC	General Civil Aviation Authority		(963.11) 5400540	(963.11) 5400312	OSDIZQZX	SAMCC Saudi Arabia	16-Apr- 2013	
<b>UAE*</b>	AEMCC	SAR Coordination Center P.O.Box 906 GHQ Armed Forces UAE	aemcc@uae-jrcc.ae	(971.2) 4056144 4496866	(971.2) 4496844	OMADYCYX	AEMCC UAE	23-Sep- 2011	
<b>Yemen</b>	RCC Sanaa	RCC Department of Civil Aviation Sanaa, Yemen		(967) 1344673	(967) 1345916	OYSNYCYX	SAMCC Saudi Arabia	16-April- 2013	

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APPENDIX C

MID REGION SAR FOCAL POINTS CONTACT DETAILS

STATE	NAME	TITLE	ADDRESS	EMAIL/AFS	FAX	TEL	MOBILE
<b>Bahrain</b>	ACC Duty Supervisor	ACC Duty Supervisor	Bahrain CAA P.O.Box – 586 Kingdom Of Bahrain	bahatc@caa.gov.bh	+973 17321029	+97317321081 +97317321080	
<b>Egypt</b>	Mr. Khaled Abdelraouf Kamel	General Director of Operations Centers & Crisis Management	Ministry of Civil Aviation Cairo - EGYPT	Operation-center-ecaa@hotmail.com Operation-center-ecaa@yahoo.com	202 22681371	202 22688387 202 22678535	202 - 01147710035 01001112375
<b>Iran</b>							
<b>Iraq</b>	Ali Muhsin Hashim	Director ATS	ANS Building, BIAP	Atc_iraqcaa@yahoo.com		964 7815762525	964 7815762525
<b>Jordan</b>	Mr. Ahmad Al Heders	Chief Amman ACC	Queen Alia Airport	Ahmad.al-hederes@carc.gov.jo			962796664328
<b>Kuwait</b>							
<b>Lebanon</b>							
<b>Libya</b>							
<b>Oman</b>	RCC HQ RAFO		P.O.Box 722 Muscat P.C. 111, Oman	Hq.rafo.@rafo.gov.om AFS:- OOMSICYX	+968 24334776	+968 24334211 +968 24334212	

STATE	NAME	TITLE	ADDRESS	EMAIL/AFS	FAX	TEL	MOBILE
<b>Qatar</b>							
<b>Saudi Arabia</b>	Mr. Ahmad B. Altunisi	Manager SAR Head of SAMCC	General Authority of Civil Aviation	altunisi@gaca.gov.sa	966-126402855	966-12 671 7717/1840	966-50 460 1445
<b>Sudan</b>	Hashim Mohamed Ahmed	RCC Head	Sudan CAA PO BOX 165	BEGER124@gmail.com	249183528323	249183528323	24912327797 249912382433
<b>Syria</b>	Mr. Monif Abdulla	Head of S.A.R. Department Syrian Civil Aviation Authority	Damascus Airport	monif77@hotmail.com	963-11 540 0312	963-11 540 0312	963 932 710351
<b>UAE</b>	UAE ATC Duty Supervisor			atc@szc.gcaa.ae	971 2 599 6850	971 2 599 6969	
<b>Yemen</b>							