



International Civil Aviation Organization

**Middle East Air Navigation Planning and
Implementation Regional Group (MIDANPIRG)**

Fourteenth Meeting
(Jeddah, Saudi Arabia 15-19 December 2013)

**Agenda Item 4: Performance Framework for Regional Air Navigation Planning and
Implementation:**
4.3 ATM/SAR

SEARCH AND RESCUE

(Presented by the Secretariat)

SUMMARY

This paper presents the status of search and rescue (SAR) in the MID Region.

Action by the meeting is at paragraph 3.

REFERENCES

– MIDANPIRG/13 Report

1. INTRODUCTION

1.1 The MIDANPIRG/13 meeting was held in Abu Dhabi, UAE, from 22 to 26 April 2012. The meeting developed 58 Conclusions and 13 Decisions.

1.2 The Standards, Recommended Practices and Procedures and guidance material related to the implementation of Search and Rescue (SAR) are contained in ICAO Annex 12, International Aeronautical and Maritime Search and Rescue Manual (IAMSAR - Doc 9731) and Regional Supplementary Procedures (Doc 7030), SAR (EUR and MID/ASIA Chapter 11).

2. DISCUSSION

2.1 The meeting may wish to recall that the main deficiencies related to the SAR in the MID Region are 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) lack of provision of required SAR services; and
- d) non-compliance with the carriage of Emergency Locator Transmitter (ELT) requirements.

2.2 The meeting may wish to note that MIDANPIRG/13 meeting recognized that the process of signing SAR agreements should be facilitated through the promulgation of enabling legislation/regulations. Accordingly, the meeting encouraged States to use the Sample Legislation for establishing a SAR Organization, contained in Doc 9731 (IAMSAR). The status of SAR agreements in the MID Region is at **Appendix A** to this working paper.

2.3 The meeting may wish to recall that the requirements to carry ELTs are specified in Annex 6, Part I, paragraph 6.17 and Part II, paragraph 4.7 and they shall be operated in accordance with the provisions of Annex 10, Volume III, Part II, Chapter 5. It is to be highlighted that as of 1 January 2005 all aircraft shall be equipped with ELT capable of operating on 406 MHz and 121.5 MHz simultaneously.

2.4 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.

2.5 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.
- 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.

2.6 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.

2.7 The meeting may wish to note that the SAR Point of Contacts (SPOC) at **Appendix B** to this working paper, were extracted from the database. States shall review and update their SPOC details, as appropriate, by accessing the COSPAS-SARSAT website: <http://www.cospas-sarsat.org/en/component/cospasfrontend/>

2.8 The MID Region SAR Focal Points contact details are at **Appendix C** to this working paper.

3. ACTION BY THE MEETING

3.1 The meeting is invited to urge States to:

- a) take necessary measures to implement the provisions and the requirements related to SAR; and
- b) 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.

APPENDIX A

MID REGION SAR AGREEMENT STATUS

STATE	CORRESPONDING STATES			REMARKS
BAHRAIN	<input type="checkbox"/> IRAN <input type="checkbox"/> KUWAIT	<input type="checkbox"/> OMAN <input type="checkbox"/> QATAR	<input type="checkbox"/> SAUDI ARABIA <input type="checkbox"/> UAE	0/6
EGYPT	<input type="checkbox"/> GREECE <input type="checkbox"/> JORDAN	<input type="checkbox"/> LYBIA <input checked="" type="checkbox"/> CYPRUS	<input type="checkbox"/> SAUDI ARABIA <input type="checkbox"/> SUDAN	1/6
IRAN	<input type="checkbox"/> ARMENIA <input type="checkbox"/> AZERBAIJAN <input type="checkbox"/> TURKMANISTAN <input type="checkbox"/> AFGHANISTAN	<input type="checkbox"/> BAHRAIN <input type="checkbox"/> IRAQ <input type="checkbox"/> KUWAIT <input type="checkbox"/> OMAN	<input type="checkbox"/> PAKISTAN <input type="checkbox"/> TURKEY <input type="checkbox"/> UAE	0/11
IRAQ	<input type="checkbox"/> IRAN <input type="checkbox"/> JORDAN	<input type="checkbox"/> KUWAIT <input type="checkbox"/> SAUDI ARABIA	<input type="checkbox"/> SYRIA <input type="checkbox"/> TURKEY	0/6
JORDAN	<input type="checkbox"/> EGYPT <input type="checkbox"/> IRAQ	<input type="checkbox"/> ISRAEL <input type="checkbox"/> SAUDI ARABIA	<input type="checkbox"/> SYRIA	0/5
KUWAIT	<input type="checkbox"/> BAHRAIN <input type="checkbox"/> IRAN	<input type="checkbox"/> IRAQ	<input type="checkbox"/> SAUDI ARABIA	0/4
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 type="checkbox"/> IRAN	<input checked="" type="checkbox"/> SAUDI ARABIA <input type="checkbox"/> PAKISTAN	<input type="checkbox"/> UAE <input type="checkbox"/> YEMEN	1/6
QATAR	<input type="checkbox"/> BAHRAIN	<input type="checkbox"/> SAUDI ARABIA	<input type="checkbox"/> UAE	0/3
SAUDI ARABIA	<input type="checkbox"/> BAHRAIN <input type="checkbox"/> EGYPT <input type="checkbox"/> ERITREA	<input type="checkbox"/> IRAQ <input type="checkbox"/> JORDAN <input type="checkbox"/> KUWAIT	<input checked="" type="checkbox"/> OMAN <input type="checkbox"/> SUDAN <input type="checkbox"/> YEMEN	1/8
SUDAN	<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
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 type="checkbox"/> BAHRAIN <input type="checkbox"/> IRAN	<input type="checkbox"/> OMAN	<input type="checkbox"/> QATAR	0/4
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

APPENDIX B

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

STATE	SPOC NAME	ADDRESS	EMAIL	TEL	FAX	AFTN	ASS. MCC/ STATE ¹	LAST REVISION	REMARK
Bahrain	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	
Egypt	SAR Centre	SAR Centre Almaza Air Base Heliopolis, Cairo, Egypt	jrccl36@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
Iran	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	14-Jan-2013	
Iraq	CENTAF-AUAB CAOC JSRC			(974) 4503452 4364193	(974) 4327382		TRMCC Turkey	29-Sep-2009	
Jordan	RCC ATC Amman	RCC Civil Aviation Authority Amman Airport, Jordan		(9626) 4451672	(9626) 4451667	OJACZQZX	SAMCC Saudi Arabia	16-Apr-2013	
Kuwait	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	
Lebanon	RCC Beirut	RCC, DGCA Lebanon, Hariri Int'l Airport- Beirut, Lebanon		(961) 1628161	(961) 1628186 1629035	OLBIZQZX	SAMCC Saudi Arabia	16-Apr-2013	
Libya	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

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

STATE	SPOC NAME	ADDRESS	EMAIL	TEL	FAX	AFTN	ASS. MCC/ STATE ¹	LAST REVISION	REMARK
Oman	RCC Muscat Air Force	RCC, HQ RAFO P.O.Box 730 Central Post Office Muscat Int'l Airport, Oman		(968) 24519209 24519332	(968) 24334776 24338692	OOMSYAYX	SAMCC Saudi Arabia	16-Apr- 2013	
Qatar	RCC ATC			(974) 44616332 44651001 44616429	(974) 44622078 44678512	OTBDZTZX	SAMCC Saudi Arabia	16-Apr- 2013	
Saudi Arabia	SAMCC	KSA.GACA / Air Navigation services P.O.Box 929 Jeddah 21421 Saudi Arabia	samcc@gaca.gov.sa	(96602) 6150170 6855812 (96650) 4601445	(96602) 6150171 6402855	OEJNJSAR	SAMCC Saudi Arabia	28-Jun- 2013	TEL 3 & FAX 2 for Head of SAMCC
Sudan	ACC Khartoum	Khartoum Airport, Sudan		(249.183) 788192 784925	(249.183) 528323	HSSSYCYX	ITMCC Italy	16-Apr- 2013	Thuraya +8821655524 296
Syria	RCC ATC	General Civil Aviation Authority		(963.11) 5400540	(963.11) 5400312	OSDIZQZX	SAMCC Saudi Arabia	16-Apr- 2013	
UAE	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	
Yemen	RCC Sanaa	RCC Department of Civil Aviation Sanaa, Yemen		(967) 1344673	(967) 1345916	OYSNYCYX	SAMCC Saudi Arabia	16-April- 2013	

APPENDIX C

MID REGION SAR FOCAL POINTS CONTACT DETAILS

STATE	NAME	TITLE	ADDRESS	EMAIL/AFS	FAX	TEL	MOBILE
Bahrain	ACC Duty Supervisor	ACC Duty Supervisor	Bahrain CAA P.O.Box – 586 Kingdom Of Bahrain	bahatc@caa.gov.bh	+973 17321029	+97317321081 +97317321080	
Egypt	Mr. Ibrahim Khalifa Mahmoud	General Director of Operations Centers & Crisis Management	Ministry of Civil Aviation Cairo - EGYPT	crisar@civilaviation.gov.eg	202 22681371	202 22678548	20124469052
Iran							
Iraq	Ali Muhsin Hashim	Director ATS	ANS Building, BIAP	Atc_iraqcaa@yahoo.com		964 7815762525	964 7815762525
Jordan	Mr. Khalaf Al- Shawabka	Chief Amman TACC and SAR	Queen Alia Airport	kshowbki@yahoo.co.nz	+962 445132	+ 962 4451672	96) 77790 4724
Kuwait							
Lebanon							
Libya							
Oman	RCC HQ RAFO		P.O.Box 722 Muscat P.C. 111, Oman	Hq.rafo@rafo.gov.om AFS:- OOMSYCYX	+968 24334776	+968 24334211 +968 24334212	

STATE	NAME	TITLE	ADDRESS	EMAIL/AFS	FAX	TEL	MOBILE
Qatar							
Saudi Arabia	Mr. Ahmad B. Altunisi	Manager SAR Head of SAMCC	General Authority of Civil Aviation	jaf-2010@hotmail.com	966-2 671 9041	966-2 671 7717/1840	966-50 460 1445
Sudan							
Syria	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
UAE							
Yemen							