



International Civil Aviation Organization
Eastern and Southern African Office

**Thirteenth Meeting of the Air Traffic Management/Aeronautical
 Information Management/Search and Rescue Sub-Group
 (ATM/AIM/SAR SG/13)**

(Nairobi, Kenya, 16 - 19 September 2013)

Agenda Item 9: Search and Rescue

**IMPLEMENTATION OF ICAO REQUIREMENTS IN THE FIELD OF
 SEARCH AND RESCUE (SAR)**

(Presented by the Secretariat)

SUMMARY

This paper discusses implementation of SAR (Search and Rescue) in the AFI Region, and the activities carried out by the AFI SAR Services Integration Task Force 'ASSI TF) established by APIRG.

Action by the meeting is at **paragraph 3**.

REFERENCES:

Report of the 37th Assembly Session
 AFI/7 RAN Report
 SP AFI/RAN 2008 Report
 APIRG/17 Report
 ASST TF Reports

This working paper is related to Strategic Objectives: **A**

1. INTRODUCTION

1.1 States' obligations with regard to SAR are rooted, specifically, in Article 25 of the Convention. The Standards and Recommended practices applicable to the provision of SAR services are contained in **Annex 12** to the Chicago Convention. The International Aeronautical and Maritime Search and Rescue Manual (**IAMSAR Manual Doc 9731**) provides guidelines for a common aviation and maritime approach to organizing and providing SAR services that could assist States in developing or improving their SAR services.

1.2 In order to support and facilitate States in discharging their responsibilities under Article 25 of the Convention, the Assembly has developed the "*Consolidated statement of continuing ICAO policies and associated practices related specifically to air navigation*", which is reviewed and updated as necessary at every Assembly Session. In this

regard Appendix N of the Assembly Resolution 37-15 is about *Provision of Search and Rescue Services* and addresses various elements that are pertinent to SAR implementation

1.3 In support of the provisions of Annex 12, the basic principles .operational requirements and planning criteria regarding search and rescue services, have been developed for the AFI Region and are indicated in the Basic Air Navigation Plan (ANP) (Doc 7474).

1.4 Some of the provisions in the ANP are the outcome of Regional Air Navigation (RAN) meetings, in particular the seventh AFI Regional Air Navigation Meeting (AFI 7) in Abuja, Nigeria 12-23 May 1997 which adopted a comprehensive (eight) set of Recommendations, aimed at fostering implementation of current and future imperatives in the field of SAR.

1.5 The Special AFI RAN Meeting Durban, South Africa 24-29 2008 adopted Recommendation 6/22 – *Establishment of sub regional search and rescue (SAR) arrangements*, adopting as policy the general concept of sub-regional SAR provision from joint aviation/maritime RCCs and as SAR performance objective for the region the establishment of Sub-regional SAR Arrangements based on the example of the initiative taken at the Port Elizabeth (South Africa) Consultative Conference in October 2007.

1.6 In view of the above, and recognizing that implementation of SAR was not receiving the attention it deserves, the APIRG/17 meeting adopted Decision 17/67 which follows:

DECISION 17/67: AFI SAR SERVICES INTEGRATION TASK FORCE (ASSI/TF)

That, in order to progress the initiatives taken at the Port Elizabeth Consultative Conference of October 2007 on integration of SAR services and similar other initiatives in the AFI Region, and to support the implementation of SAR provisions, the AFI SAR Services Integration Task Force (ASSI TF) is established with the terms of reference at Appendix 3.4L to this report.

1.7 In accordance with this Decision 17/67 of APIRG/17, the ASSI TF was established in 2011 and, as stated in the TORs of the ASSI TF, the ATM/AIM/SAR meeting may wish to consider the following report on the activities thereof.

2. DISCUSSION

ASSI TF1 MEETING

2.1 The First Meeting of the AFI Search And Rescue Services Integration Task Force (ASSI TF/1) was held at the ICAO WACAF Regional Office, Dakar, Senegal, 19 - 20 September 2011

2.2 The meeting adopted the following agenda:

1. Election of Chairperson and Adoption of the Agenda.
2. Review and follow up of Recommendations, Conclusions and Decisions applicable to the Task Force.

3. SAR Regional Performance Objectives; Update on Actions.
4. Review of SAR Guidelines.
5. SAR legislation and Regulations.
6. Review/update of the deficiencies in the Search and Rescue.
7. Review of Terms of Reference (TOR) of the ASSI TF and Work Programme; date and venue of the next meeting.
8. Any other business

2.3 In general, the meeting was of the view that the actions required from States for the effective implementation of SAR provisions have been long standing issues that will still need time to be implemented. The obstacles being one or all of the following: question of leadership among the various stakeholders, sovereignty, national procedures for concluding an international agreement, political implications.

2.4 In this regard the meeting acknowledged that there is a need for more sensitization on SAR issues, for politicians and other high level management executives who are involved in the implementation of SAR provisions. Likewise the meeting was of the view that the activities of the ASSI Task Force could be the opportunity to provide more information on SAR matters to all interested parties as well as to the public in general.

2.5 With regard to SAR services integration, the Task Force was of the view that regional organizations like SADC, ECOWAS, CEMAC, EAC etc. could be good enablers. Likewise the Task Force identified groups of RCCs that could serve as potential base for regional/sub-regional SAR close co-operation e.g. SAR exercise, training, meetings etc.

2.6 The ASSI Task Force updated the SAR Performance objectives, and was of the view that ICAO should develop a SAR webpage linked to the AFI Regional Offices, with the objective capturing and publishing information on SAR implementation. The meeting reviewed also the minimum deficiencies reporting list for SAR.

2.7 The Task Force also recognized the need for updated information on the status of implementation of SAR services in AFI States, to conduct its work. The meeting therefore agreed that a survey should be conducted by the ICAO Regional Offices in order to collect information on the status of implementation of SAR provisions in the AFI Region.

2.8 As a result, the ASSI TF1 meeting adopted three draft Conclusions and one Decision.

ASSI TF2 meeting

2.9 The second meeting of the AFI SAR Services Integration Task Force (ASSI TF/2) was held at the ICAO ESAF Regional Office at the United Nations compound in Nairobi, Kenya from 5 to 6 December 2012. It was held back to back with a Search and Rescue (SAR) workshop which took place from 3 to 4 December 2012 at the same venue.

2.10 The Workshop was held in application of APIRG Conclusions thereon and the objective was to familiarize and sensitize States on relevant SAR implementation requirements and provide detailed guidance to assist States in overcoming long-standing SAR deficiencies. The workshop also provided an opportunity for States to share their experiences on internal arrangements, whilst identifying common impediments that were preventing them from achieving effective Search and Rescue services, at national and sub-regional levels.

2.11 The ASSI TF2 meeting was attended by a total of thirty-six (36) participants from sixteen (16) States. The Agenda was the same as for the first meeting.

2.12 The meeting reviewed the status of progress made in terms of SAR services implementation since the last meeting. In particular, States were encouraged to provide information thereon by filing a questionnaire which was forwarded to them.

2.13 The meeting noted with concern the persisting lack of effective implementation of SAR provisions and the lack of commitment by States to provide information on their level of implementation of SAR services.

2.14 Following the work done by the first meeting, the ASSI TF2 meeting reviewed in turn the following basic documents:

- The list of Conclusions and Decisions from APIRG applicable to the Task Force.
- The list of Conclusions and Decisions from the ASSI TF1 meeting.
- The AFI SAR PFF.
- The minimum deficiencies reporting list for SAR.
- The TORs and work programme of the ASSI TF.

2.15 Finally, the meeting agreed that the three draft Conclusions and one draft Decision adopted by the ASSI TF1 meeting were still valid and decided to renew them.

ASSI TF3 MEETING

2.16 The third meeting of the AFI Search and Rescue Services Integration Task Force (ASSI TF/3) was held at the Hotel Mont Fébé, Yaoundé, Cameroon, from 30 to 31 July 2013, at the kind invitation of the Cameroon Civil Aviation Authority (CCAA).

2.17 It was held back to back with a *Workshop on the Provision of Search and Rescue (SAR) Services in the AFI Region* which took place on the 29th of July 2013.

2.18 The main event of the workshop was a full scale search and rescue exercise (SAREX) organized by the Cameroon Civil Aviation Authority and its military counterpart. States were also given the opportunity to share their experience with other participating States in terms of SAR organization and SAR services provision.

2.19 The ASSI TF/3 meeting was attended by a total of 43 participants from 14 States and 2 Organizations. The meeting adopted the same agenda as the first two meetings of the Task Force.

2.20 When considering the status of implementation of SAR services in the AFI region, the meeting noted that very limited feedback had been received from States further to the questionnaire circulated for that purpose. In this regard, the meeting agreed to the following conclusion:

Draft Conclusion 3/3: Survey on the provision of SAR in the AFI Region

That, in accordance with the ICAO State letter and questionnaire issued to all AFI States in 2011, States provide all relevant information on the status of implementation of SAR provisions, to the ICAO ESAF and

WACAF Regional Offices, before APIRG/19 in order for the list of Air Navigation Deficiencies to be updated accordingly

2.21 The meeting, as per the TORs of the ASSI TF, reviewed successively the conclusions and decisions from APRIG and ASSI TF 2 meeting, the AFI SAR PFF, the minimum deficiencies reporting list for SAR, the questionnaire on the SAR implementation status and the TORs and work programme of the ASSI TF.

2.22 Regarding draft Conclusions and draft Decision of ASSI TF/1 as amended by the ASSI TF/2 meeting, the meeting deemed them still valid, updated them, and decided to refer them to the ATM/AIM/SAR Sub-Group for adoption. In addition, the meeting was of the view that Recommendation 6/2 of AFI/7 RAN, aiming at fostering the implementation of SAR services and improvement of SAR systems in the region, was particularly relevant and useful to be recalled. The meeting therefore decided to renew it as **Draft Conclusion 3/4** here below, for consideration and endorsement as appropriate by APIRG.

Draft Conclusion 3 /4: SATELLITE-AIDED SEARCH AND RESCUE

That States:

- a) **take appropriate action to reduce the number of false alarms through the COSPAS-SARSAT system on 121.5/243/406 Mhz caused by inadvertent activation of emergency transmitters and eliminate unauthorized use of those frequencies.**
- b) **establish a register of 406 Mhz and make available information by publishing, in the aeronautical information publication, how ELT registration information can be obtained rapidly by rescue co-ordination centres (RCCs) of other States.**
- c) **provide to ICAO a search and rescue (SAR) point of contact (SPOC) for inclusion in the Table SAR 1 of the respective air navigation plan (ANP); and**
- d) **Include information regarding the COSPAS-SARSAT system in the SAR plans**

2.23 The meeting was informed that the APAC Region SAR Task Force was proposing to organize a joint meeting with the next ASSI Task Force, preferably within a State in the Indian Ocean, located at the border of the two regions. Recognizing that this would be of great benefit to AFI States, the meeting agreed to the **principle of convening a joint meeting of the two Task Forces.**

2.24 On the other hand, it was suggested that, in order to **foster the implementation of SAR services in the AFI States, ICAO establishes a team of SAR experts** that could, at the request of a State, depending on its needs, be called upon to work with the State's officials on SAR legislation/regulations, organization/funding of SAR services, development of SAR plans, manuals, procedures etc.

2.25 The meeting may wish to consider the following documents as reviewed and amended by the ASSI TF, appended to this working paper, for amendment and adoption as appropriate:

- **Appendix A: Conclusions and Decisions of APIRG and drafts from ASSI TF.**

- **Appendix B:** AFI SAR PFF.
- **Appendix C:** SAR Minimum deficiencies reporting list.
- **Appendix D:** SAR questionnaire.
- **Appendix E:** TORs and Work programme of the ASSI TF.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information in this working paper;
- b) review the draft conclusions and decisions as proposed by the ASSI TF;
- c) review the basic documents as in paragraph 2.25 above for amendment and adoption as appropriate; and
- d) agree on proposals under paragraphs 2.23 and 2.24.

Conclusions and decisions of APIRG and drafts from ASSI TF

Appendix A

Cons/Decs No. Strategic Objectives*	Title of Cons/Decs	Text of Cons/Decs	Follow-up Action	To be initiated by	Deliverable/ Intended Outcome	Target Dates	Status of Implementation
DECISION 17/67 A	AFI SAR SERVICES INTEGRATION TASK FORCE (ASSI TF)	That, in order to progress the initiatives taken at the Port Elizabeth Consultative Conference of October 2007 on integration of SAR services and similar other initiatives in the AFI Region, and to support the implementation of SAR provisions, the AFI SAR Services Integration Task Force (ASSI TF) is established with the terms of reference at Appendix 3.4L to the report on agenda item 3.4.	Coordinate establishment of ASSI TF	ESAF & WACAF Offices	ASSI TF meetings report	March 2011	Completed. ASSI TF has been established
CONCLUSION 17/68 A	SEARCH AND RESCUE SERVICES	That, with the objective to foster the implementation of SAR services and improvement of SAR systems in the Region, AFI states are: (a) Urged to establish joint aviation/maritime rescue coordination centres (RCCs) where applicable, in order to optimize usage of resources and coordination; (b) Encouraged to establish sub-regional task forces to progress the development of SAR cooperative arrangements and integration of SAR services; (c) Urged to consider entering into	Issue State Letter Initiate coordination protocols between RCCs Establish sub-regional task forces Initiate bilateral/multilateral	ESAF & WACAF Offices States States States	State Letter More efficient and effective SAR services Cooperative arrangements, integration of SAR services More efficient and	 2010-2011 2010-2011	Completed Process of implementation on-going Process of implementation on-going Process of

Conclusions and decisions of APIRG and drafts from ASSI TF

Appendix A

Cons/Decs No. Strategic Objectives*	Title of Cons/Decs	Text of Cons/Decs	Follow-up Action	To be initiated by	Deliverable/ Intended Outcome	Target Dates	Status of Implementation
		<p>agreements with States that have adequate facilities (within or outside the sub-region) to assist in SAR operations; and</p> <p>(d) Encouraged to include officials from other State organs who are part of the States SAR organization, in their delegations to relevant ICAO meetings and workshops.</p>	agreements	ESAF & WACAF Offices	effective SAR services		<p>implementation on-going</p> <p>Process of implementation on-going</p>

ASSI TASK FORCE MEETINGS - LIST OF DRAFT CONCLUSIONS AND DECISIONS

Conclusions/Decisions No.	Title of Conclusion /Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable/ Intended Outcome	Target Dates	Status of Implementation
DRAFT CONCLUSION 3/1	<i>Resolution of SAR deficiencies and establishment of Joint RCCs</i>	<i>That ICAO send a State letter to all AFI States, calling on them to expedite the resolution of the longstanding deficiencies recorded in the SAR field and highlighting that both ICAO and the International Maritime Organization (IMO) now recommend the establishment of joint aviation/maritime rescue coordination centres where applicable and regionalized provision of SAR services.</i>	Issue State Letter	ESAF & WACAF Offices	SAR deficiencies resolved and JRCCs established where practicable	Dec 2014	Process of implementation on-going

<p>DRAFT CONCLUSION 3/2</p>	<p>Development and management of an AFI SAR web page</p>	<p><i>That</i></p> <ul style="list-style-type: none"> a) <i>ICAO develops and manages a web page under ESAF and WACAF websites where information from all AFI States on SAR implementation and SAR activities will be posted.</i> b) <i>AFI States forward to the ICAO regional offices regular information on their SAR activities, for posting on the website.</i> 	<p>ICAO to organize development and availability of website</p>	<p>ICAO States</p>	<p>Common website where all SAR related information can be stored and accessed.</p>	<p>June 2014</p>	<p>Process of implementation on-going</p> <p>Yearly updates by States</p>
<p>DRAFT CONCLUSION 2/3</p>	<p>Survey on the provision of SAR in the AFI Region</p>	<p><i>That,</i></p> <ul style="list-style-type: none"> a) <i>ICAO Regional Offices send a State Letter with a questionnaire to all AFI States, prior to 30 November 2011, to collect information on the status of implementation of SAR provisions in the AFI Region and update the list of Air Navigation Deficiencies accordingly;</i> b) <i>States send their replies to the ICAO Regional Offices not later than 31 January December 2012.</i> 				<p>By November 2012 (Before ASSI TF/2)</p>	<p>Few States have responded</p> <p>To be superseded by be</p>
<p>DRAFT CONCLUSION 3/3</p>	<p>Survey on the provision of SAR in the AFI Region</p>	<p><i>That, in accordance with the ICAO State letter and questionnaire issued to all AFI States in 2011, States provide all relevant information on the status of implementation of SAR provisions, to the ICAO ESAF and WACAF Regional Offices, before APIRG/19 in order for the list of Air Navigation Deficiencies to be updated accordingly</i></p>				<p>Before APIRG/19</p>	<p>Only 12 States have provided data to ICAO Regional Offices so far</p>

<p>Draft Conc 3/4</p> <p>(REC 6/2 of AFI/7 RAN)</p> <p>As a Reminder</p>	<p>SATELLITE-AIDED SEARCH AND RESCUE</p>	<p>That States:</p> <ul style="list-style-type: none"> a) take appropriate action to reduce the number of false alarms through the COSPAS-SARSAT system on 406 Mhz caused by inadvertent activation of emergency transmitters and eliminate unauthorized use of those frequencies b) establish a register of 406 Mhz and make available information by publishing, in the aeronautical information publication, how ELT registration information can be obtained rapidly by rescue co-ordination centres (RCCs) of other States c) provide to ICAO a search and rescue (SAR) point of contact (SPOC) for inclusion in the Table SAR 1 of the respective air navigation plan (ANP); and d) include information regarding the COSPAS-SARSAT system in the SAR plans 				
<p>DRAFT DECISION 3/1</p>	<p><i>Organization of ASSI TF meetings</i></p>	<p><i>That</i></p> <ul style="list-style-type: none"> a) <i>the ASSI TF meeting be held in a different State each year;</i> b) <i>the ASSI TF meeting to coincide with a planned SAR events activity being organized occurring in the host State (SAR exercises), or visit to SAR facilities etc.,) if possible to the extent practicable.</i> 				<p>Pending approval by APIRG</p>

**AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL
PERFORMANCE OBJECTIVES FOR SEARCH AND RESCUE (SAR)**

Appendix B

ESTABLISHMENT OF SUB-REGIONAL SAR ARRANGEMENTS				
Benefits				
Efficiency and Safety	<ul style="list-style-type: none"> • cost-efficient use of accommodation and RCC equipment on a shared basis • service provision more uniform across a geographic area defined by risk • proficient services provided near and within States with limited resources. • harmonization of aviation / maritime procedures • inter-operability of life-saving equipment • development of a pool of experienced SAR mission coordinators skilled across both aviation and maritime domains thus reducing coordination and fragmentation 			
Strategy				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
N/A	<ul style="list-style-type: none"> • conduct AFI Regional SAR workshop 	every year	ICAO	Yearly event. One day workshop back to back followed by with ASSI TF meeting
	<ul style="list-style-type: none"> • establish collaborative decision making process • Collaboration between states • Networking process by setting up a website; nominate a focal point within ICAO to manage the website • Nominate a focal point within each state/organization to coordinate SAR issues 	2011 – 2012 2013	ICAO /States	Implementation on to continue through 2013 Not started
	<ul style="list-style-type: none"> • develop needs assessment and gap analysis • conduct self audits 	From 2011 – 2012 End of 2014	APIRG/STATES	Not started Process of implementation on on-going
	<ul style="list-style-type: none"> • <u>data collection from States</u> • develop regional action plan to resolve the deficiencies 	2011 – 2012 2014	APIRG/STATES	Process of implementation on on-going Collection of data has started Not started
	<ul style="list-style-type: none"> • conduct regional SAR Administrators training and SAR Mission Coordinators training 	From 2011 – 2012	ICAO/STATES	Process of implementation on on-going Not started

**AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL
PERFORMANCE OBJECTIVES FOR SEARCH AND RESCUE (SAR)**

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	<ul style="list-style-type: none"> determine regional and sub-regional SAR organisations, functions and responsibilities, accommodation and equipment needs. 	2011 – 2012 ⁴	APIRG/ STATES	Not started Process of implementation on on-going
	<ul style="list-style-type: none"> Use produce draft legislation, regulations, operational procedures, letters of agreement SAR plans and safety management policies for regional SAR provision using IAMSAR manual as guidance. 	2010 – 2012 ³	APIRG States	Process of implementation on on-going
	<ul style="list-style-type: none"> determine future training needs and develop training plans and conduct training as required Ensure capacity building 	2010 – permanent	APIRG/STATES	Process of implementation on on-going
	<ul style="list-style-type: none"> develop SAR plan <ul style="list-style-type: none"> ➤ alerting procedures ➤ resource databases ➤ interface procedures with aerodrome emergency procedures and generic disaster response providers ➤ RCC check lists ➤ staffing, proficiency and certification plans ➤ preventive SAR programmes ➤ quality programmes ➤ education and awareness programmes ➤ in-flight emergency response procedures 	2011 – 2012 ³	States	Not started Process of implementation on on-going
	<ul style="list-style-type: none"> conduct SAR exercises required: <ul style="list-style-type: none"> -National -Multinational 	2012 - Permanent	States	Process of implementation on on-going Not started
	<ul style="list-style-type: none"> monitor implementation process 	As appropriate	ICAO/States	Process of implementation on on-going Not started
Linkage to GPIs	N/A			

Notes:

- Enablers: Regional Organizations like AFCAC, EAC, CEMAC, ECOWAS, SADC, etc.
- The Task Force has identified the following groups of RCCs/RSCs as potential base for regional/sub-regional SAR close co-operation e.g. SAR exercise, training, meetings etc..
 - Casablanca, Canarias, Dakar, Roberts, Sal,
 - Algiers, Asmara, Cairo, Tripoli, Tunis,
 - Accra, Brazzaville, Kano, Kinshasa, Ndjamena, Niamey,
 - Addis, Bujumbura, Dar_es_Salaam, Entebbé, Khartoum, Kigali, Mogadishu, Nairobi,

**AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL
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- ~~Southern African States~~, Gaborone, Harare, Johannesburg, Lilongwe, Luanda, Lusaka, Maputo, Maseru, Matsapha, Windhoek,
- Antananarivo, Comoros Mauritius, Reunion, Seychelles,

3. All work requires close cooperation with all States affected, ICAO, IMO, COSPAS-SARSAT and other worldwide bodies as required.

--- END ---

SEARCH AND RESCUE (SAR)								
Item No	Deficiencies				Corrective Action			
	ICAO Reference Document & GPIs	Description	Date first reported	Remarks/ Impact of non-implementation	Action by States	Action taken/planned by State (including timelines/target dates)	Identified implementation impediment and action thereon	Status
1.		Lack of SAR legislation and regulation		Lack of SAR legislation or regulation will prevent a State from having the required legal framework to cover and support a given SAR operation and can result in lack of empowerment to protect the SAR Mission Coordinator against liabilities that may arise from damages and loss, whilst discharging his/her functions.				
2.	[Annex 12, Chapter 3] AFI/7 Rec. 6/3	Lack of Search and Rescue Agreements between neighbouring States		Lack of SAR agreements can be detrimental to safety of persons in distress where searches overlap national boundaries.				
3.	[Annex 12, Section 4.3]	Search and rescue units		Lack of adequately equipped and trained search and rescue units and adequate survival and medical supplies can seriously affect the conduct and outcome of SAR operation				

SEARCH AND RESCUE (SAR)								
Item No	Deficiencies				Corrective Action			
	ICAO Reference Document & GPIs	Description	Date first reported	Remarks/ Impact of non-implementation	Action by States	Action taken/planned by State (including timelines/target dates)	Identified implementation impediment and action thereon	Status
4.	AFI/7 Rec. 6/5	Search and Rescue Training		Lack of formal and recurrent training for SAR personnel can hinder the effectiveness of SAR operation				
5.	[Annex 12, Section 4.4]	Search and rescue exercises		Lack of regular training of search and rescue personnel and conduct of regular search and rescue exercises can prevent achievement of maximum efficiency in search and rescue operation.				
6.	AFI/7 Rec. 6/1 AFI/7 Rec. 6/2	Satellite aided search and rescue		Lack of implementation will result in difficulty in detection, identification and location of activated 406 Mhz ELTs and loss of valuable time for SAR				

**SURVEY ON THE PROVISION OF SAR IN THE
AFI REGION**

Appendix D

QUESTION	YES	NO
<p>1- Has your State established an entity which provides, on a 24-hour basis, Search and Rescue (SAR) services within its territory to ensure that assistance is rendered to persons in distress? <i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		
<p>2- Does the SAR services system include a responsible authority, organized available resources and a workforce skilled in coordination and operational functions? <i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		
<p>3- Has your State designated a SAR Point of Contact (SPOC) for the receipt of COSPAS-SARSAT distress data? <i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		
<p>4- Has your State designated a SAR point of contact? If yes, provide details. <i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		
<p>5- Has your State taken appropriate action to ensure that;</p> <p>a) all owners/operators of Emergency Locator Transmitters (ELT) have upgraded to the 406 MHz ELTs and have registered them with the International Beacon Registration Database (IBRD); and</p> <p>b) it has established a national database on ELT registration easily accessible to all Stakeholders on a 24 hour basis?</p> <p><i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p>		

**SURVEY ON THE PROVISION OF SAR IN THE
AFI REGION**

Appendix D

<p>..... </p>		
<p>A) Has your State designated, as SAR units, elements of public and private services suitably located and equipped for SAR operations? <i>(add details as appropriate)</i></p> <p>..... </p>		
<p>B) Has your Rescue Coordination Centre (RCC)/Rescue Subcenter (RSC) prepared detailed plans of operation for the conduct of SAR operations within its Search and Rescue Region (SRR)? If Yes, as part of your National SAR Plan, are arrangements made for all aircraft, vessels and facilities, which do not form part of SAR organisation to cooperate fully with the latter in SAR to extend any possible assistance to the survivors of aircraft accidents? <i>(add details as appropriate)</i></p> <p>..... </p>		
<p>C) Does your State coordinate its SAR organisation with those of neighbouring States? If Yes, what is the status of SAR agreements with your neighboring States? <i>(add details as appropriate)</i></p> <p>..... </p>		
<p>D) Does your State ensure that SAR personnel are regularly trained and that appropriate SAR exercises are arranged? <i>(add details as appropriate)</i></p> <p>..... </p>		

---END---

**AFI SAR SERVICES INTEGRATION TASK FORCE (ASSI TF)
TERMS OF REFERENCE AND COMPOSITION (Updated by ASSI TF/3)**

1. TERMS OF REFERENCE

The ASSI Task Force is established to support the development of the concept of sub-regional search and rescue (SAR) arrangements and cooperation between neighboring States; provide a forum for discussions and identifying solutions to impediments in the effective provision of SAR services in the Region; and developing regional guidance to meeting ICAO provisions in the field of SAR.

2. WORK PROGRAMME

As part of its work programme, the ASSI Task Force will:

- a) Periodically review and update Regional performance objectives with regard to SAR;
- b) Identify and coordinate tasks related to establishment and functions of sub-regional SAR organizations;
- c) Develop Regional strategies and guidance to support establishment of joint aviation/maritime rescue coordination centres;
- d) Review SAR deficiencies identified within the AFI region, taking into consideration existing capacity and other constraints being experienced by States and SAR organizations, and propose solutions;
- e) Support the cooperation between ICAO and IMO in their continuing collaboration with African States to implement sub-regional, joint RCCs at strategic locations on the African continent.

3. REPORTING

The ASSI Task Force shall meet at least once a year and report to the ATM/AIM/SAR Sub-Group.

4. COMPOSITION:

The ASSI Task Force will comprise of:

- a) Experts nominated by the following AFI States from both civil aviation and military entities, SAR organizations and ANSPs: *Algeria, Angola, ASECNA, Botswana, Cameroon, Comoros, Congo Brazzaville, Côte d'Ivoire, Djibouti, Ethiopia, Kenya, Madagascar, Mali, Niger, Roberts FIR, Senegal, Seychelles, Swaziland, Tanzania, Uganda, Zambia and Zimbabwe.*

- b) Interested International and Sub-Regional Organizations; and
- c) Expertise on SAR from States outside the AFI Region and from other entities may be invited by the Task Force, based on the contribution that may be provided by such expertise.

--- *END* ---