



DP/02 : ATTACHMENT F2

SEARCH AND RESCUE ORGANIZATION – ESAF REGION

PROJECT PROPOSAL

1. **Group of States:**
Botswana, Kenya, Madagascar, Mauritius, Mozambique,
Namibia, Seychelles, Somalia, South Africa, Rwanda,
Tanzania and Uganda
2. **Project No.:** ESAF /2016/002
3. **Project Title:** Assist 12 ESAF States with the establishment of an effective and operational Search and Rescue organization).
4. **Project Duration:** 12 months (starting in May 2016)
5. **Implementation Agency:** ICAO
6. **Source of Funding:** AFI Plan
7. **Estimated budget:** US\$ 50,532

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A. Project justification

1. The need for the provision of effective Search and Rescue (SAR) services and regional collaboration and cooperation through pooling of resources have become important global agenda items following recent aircraft accidents within oceanic search and rescue regions (SRRs) that have posed serious challenges to search and rescue organisations in the discharge of effective SAR operations.
2. At its Fourteenth Meeting in Yaoundé, Cameroun in June 2003, the AFI Planning and Implementation Regional Group (APIRG/14) identified the need for States to be continuously sensitized in order to take necessary remedial action to implement ICAO provisions relating to SAR, and consequently adopted Conclusion 14/28 'Organization of Regional SAR Seminars/Workshops' which was updated by Conclusion 19/53 and adopted by the APIRG/19 Meeting in Dakar, Senegal in October 2013.
3. Upon the completion of a Special Meeting on Global Flight Tracking of Aircraft (Montreal, 12-13 May 2014), which was prompted by disappearance of Malaysian Airlines flight 370 on 8 March 2014, ICAO Member States and the International air transport industry sector agreed on the near-term priority to track airline flights, no matter their global location or destination.
4. The provision of effective SAR services entails the mobilization of essential State assets including those of military forces and other State institutions. Additionally, assets of neighbouring States and other organizations can support an effective and efficient allocation of resources to the search area, including rescue of the victims who can be provided with immediate medical assistance, thereby increasing their chances of survival. In most circumstances, the release of SAR assets from neighbouring States would normally require negotiations and approval at high level within States' authorities which can be time consuming, unless there are pre-arrangements through formal agreements to expedite the process and level of assistance rendered.
5. The sixteenth meeting of the AFI Plan Steering Committee (Montreal November 2015) identified the need for urgent action to increase the capacity of AFI States to provide effective SAR services and recommended that SAR be included in the AFI ANS Performance Indicators and Targets. The Steering Committee further requested the AFI Plan Secretariat to develop and implement projects to assist States in key priority areas including SAR organisation. In line with this decision, , the APIRG/20 meeting adopted a set of AFI ANS key Performance Indicators and Targets among which is the establishment of effective and operational SAR Organization.
6. This project focuses on the existing regional SAR frameworks in 12 States of Botswana, Kenya, Madagascar, Mauritius, Mozambique Namibia, Seychelles, Somalia, South Africa, Rwanda, Tanzania and Uganda which are within the Indian Ocean and eastern and southern African sub-regions.

B. End of Project Status/ Target / Overall Objective

1. By the end of the project, the SAR organization in the 12 beneficiary States will be more effective as the legal framework and SAR plans would be in place, more agreements would have been signed, supporting collaborative efforts to SAR organisation and operations. Furthermore, the awareness on SAR will have increased among SAR stakeholders across the AFI Region, generating more resources that could be made available for SAR.

2. *Implementation strategy*

- 2.1 The project will be implemented by ICAO ESAF Regional Office and a team of four experts from among ESAF States who will provide technical support on a need basis via missions and remote documentation review and drafting.
- 2.2 The initial stage of the project will consist of a gap analysis for the Technical Expert Team (TET) to have up to date information on the current level of implementation in each beneficiary State which will constitute the basis for designing the details of the assistance to be provided to each State.
- 2.3 This assistance will comprise an initial meeting followed by assistance/facilitation activities to beneficiary State in the development of a legal framework (legislation/regulation), SAR plan of operation and SAR letters of agreement (LOAs) for formal acceptance and signing by the appropriate authorities as part of regional cooperation. The project will also evaluate the level of implementation of an RCC/JRCC/RSC in each State, as the case maybe with supporting resources. A second meeting is planned in March 2017 to review progress of implementation among the beneficiary States and to identify areas requiring additional assistance.
- 2.4 Sensitization actions will also be required at a senior level in States' civil and military authorities responsible for SAR services to facilitate the successful completion of this project.

C. Major Elements

Objective 1	Assist ESAF States in the establishment and prompt provision of search and rescue services within their territories to ensure that assistance is rendered to persons in distress on a 24-hour basis.	
Key Performance indicator (s)	<ul style="list-style-type: none"> • <i>50% States (12/24) with SAR legislation and regulation (legal framework) related to Annex 12 developed and promulgated.</i> • <i>50% of States (12/24) having established an RCC/JRCC/RSC in accordance with the provisions of ICAO Annex 12.</i> • <i>50% States (12/24) with approved SAR plan of operation.</i> • <i>50% of States (12/24) having developed and signed SAR letters of agreements to coordinate their SAR organizations with those of neighbouring States.</i> 	
Result 1.1	A Technical Experts Team (TET) will be established for the project	
<i>Activity #</i>	<i>Description</i>	<i>Actors</i>
1.1.1	Identify potential SAR experts in the region (3 English + 1 French proficient) to be supported by ROs ATM/SAR at ESAF Office, as part of the Technical Experts Team (TET).	ICAO ESAF
1.1.2	Solicit the release of the experts and commitment from Member States for their participation in the project activities.	ICAO ESAF
Result 1.2	An assistance roadmap will be developed	
1.2.1	Collect information (via a questionnaire and follow up calls, emails) to obtain up to date information on SAR organization within the beneficiary States.	ICAO ESAF
1.2.2	Identify the extent of assistance required in each State.	ICAO ESAF
Result 1.3	Preliminary meeting to be held in August 2016	
1.3.1	Issue State letter to selected States requesting release of their SAR experts to attend the preliminary meeting	ICAO ESAF
1.3.2	Convene a 3-day meeting to review the scope and objectives	ICAO ESAF

	of the project and associated technical assistance missions. The meeting will be attended by ICAO ROs ATM/SAR and the TET.	
1.3.3	Identify and agree on updated templates/drafts for SAR legislation/regulations, SAR plan of operation and SAR Letters of Agreement (LOAs)	ICAO ESAF + Experts
Results 1.4	Generic SAR Manuals, SAR plans and Agreements developed	
1.4.1	Communicate with beneficiary States' SAR Focal Points through a State letter forwarding copies of the SAR documents for internal review, adoption and preparation for approval and signing, as the case may be.	ICAO ESAF
1.4.2	Conduct 3-day assistance missions to at least 8 beneficiary States, as the case may be, to finalize development of SAR documents and coordinate arrangements for signing of the LOAs.	ROs ATM/SAR + Experts
Result 1.5	Result-oriented meeting to be held in March 2017	
1.5.1	Issue State letter requesting release of SAR experts to attend the follow-up meeting	ICAO ESAF
1.5.2	<ul style="list-style-type: none"> • Convene a 3-day follow-up meeting to be attended by the TET and targeted States with the following objectives: <ul style="list-style-type: none"> ○ review progress and address shortcomings identified in each State during the assistance missions ○ Develop a roadmap for implementation of outstanding issues related to the project, with clear timelines. ○ Give clarity to each State on remaining actions to be taken in order to enhance their SAR organization and EI under the areas of ANS. ○ Encourage continued collaboration among States in conducting regular joint SAR exercises. ○ increase awareness on USOAP CMA related Protocol Questions for SAR and ○ provide guidance on how to address the corrective actions plans 	ICAO ESAF + Experts
Result 1.6	Improve SAR implementation Effectiveness - outcome	
1.6.1	Assist in the development/update and promulgation of SAR legislation/regulation	States
1.6.2	Assist in the establishment and provision with necessary resources of the RCC/JRCC/RSC	States
1.6.3	Assist in the development/update and signature SAR LOAS	States/ICAO
Result 1.7	Project Terminal Report	
1.7.1	Prepare a project terminal report that will reflect inter alia the status of the SAR organization in each beneficiary State at the end of the project.	ICAO ESAF
1.7.2	Submit the Report to the AFI Plan Secretariat and Steering Committee.	ICAO ESAF

D. Inputs:

1. Input from States

- 1.1 **Counterparts:** SAR Focal points designated by each CAA will provide assistance in coordination and follow-up for their respective States. The coordination will englobe all States' entities involved in the provision of search and rescue services.
- 1.2 **Support staff:** States will provide ICAO staff with experts and support staff as necessary.
- 1.3 **Office(s):** States will provide their SAR Focal Point of Contact with the necessary tools (telephone, internet, printer, meeting room etc.) for on-site activities and effective coordination with the TET.
- 1.4 **Meeting:** Each State will ensure the participation of its focal point as well as other key stakeholders at the meetings. The first meeting will be hosted at ESAF Regional Office in Nairobi and will cover the cost of participating SAR experts from donor States.
- 1.5 **Transport:** States will provide local transportation to ICAO Regional Officers and SAR experts while on site. States will also facilitate obtaining entry visas for the TET including any other assistance that may be necessary for the fulfilment of their missions.

2. ICAO Input

- 2.1. **Funding for the project:** The project will be funded by AFI Plan as indicated in Appendix A to this document.
- 2.2. **Experts:** ICAO ESAF Office will rely mainly on the Regional Officers, ATM/SAR in Nairobi and SAR experts seconded by donor States to support the project.
- 2.3. **International missions:** All costs related to assistance missions to the beneficiary States and meetings organized by ICAO ESAF Office for the TET will be covered under this project. Applicable DSA and airfares for each mission will be covered under the project funds.
- 2.4. **Monitoring and reporting:** ICAO Regional Office in Nairobi will be responsible for the supervision of the project and the production of the Project Terminal report. It will also establish and maintain coordination with all the stakeholders during the course of the project.
- 2.5. **Miscellaneous expenses:** Contingency funds will be provided under the project as indicated in Appendix A to this document.

E. Project Work plan

A tentative work plan is attached as Appendix B to this document.

F. Estimated Cost (USD): US\$ 50,532

Appendix A – Estimated Cost of the Project

Venue	Activity	No of Experts	DSA (US\$)	No of Days including travel	Airfares	TTA (US\$)	Language	Translation Cost	UNON charges	Contingency (tea/coffee)	Total Cost
ESAF	Preliminary Meeting in Nairobi (2d)	4	350	4	1300	152	E	N/A			11408
States	Assistance to 8 States by TET	8	300	5	1300	152	E	N/A			23616
ESAF	Follow-up Meeting in Nairobi (3d)	4	350	5	1300	152	E	N/A	3000	300	15508
										Total	50532

Note: For the purpose of this project, an average cost of US\$350 has been budgeted for DSA in Nairobi and US\$300 for missions in other beneficiary States. The average cost for airfare to cater for travel by the experts to attend meetings and provide support to beneficiary States is US\$1300 per ticket.

