



## 1. AIR NAVIGATION REPORT FORM (ANRF)

### APAC Regional Planning

2. REGIONAL/NATIONAL PERFORMANCE OBJECTIVE – Module B0-SAR: Improved Safety and Efficiency through the initial application of Regional SAR Initiatives					
Performance Improvement Area 2: Globally Interoperable Systems and Data					
3. ASBU B0-SAR: Impact on Main Key Performance Areas (KPA)					
	Access & Equity	Capacity	Efficiency	Environment	Safety
Applicable	N	N	Y	Y	Y
4. ASBU B0-SAR: Planning Targets and Implementation Progress					
5. Elements		6. Targets and implementation progress (Ground and Air)			
SAR Regulatory and Coordination Mechanisms		November 2018: All States should develop statutes and related provisions for a SAR organization (including National SAR Committee) and its framework, resources, policies and procedures, including a State SAR Plan, international SAR agreements and SAR exercises (SAREX).			
SAR Facilities and Resources		November 2018: All States should establish Rescue Coordination Centres (RCCs) of sufficient size with facilities, trained personnel, tools, and access to SAR Units (SRU) commensurate with the State’s responsibilities, <del>or</del> either individually or in cooperation with other States (all States should investigate the feasibility of establishing Joint Rescue Coordination Centres (JRCCs) and implement where beneficial).			
SAR Information		November 2018: All States should establish a centralised SAR information source, which includes data supporting the Aeronautical Information Publication (AIP), SAR Library, 24 hour SAR Point of Contacts (SPOC) and Contacts Database of SAR facilities, assets and lists of SRUs.			
SAR Improvement		November 2018: All States should implement Quality Assurance (QA) programmes that include continuous improvement and audit processes, gap and safety/quality indicator analysis, and SAR promotion activities (such as education of users to reduce the incidence of unnecessary SAR responses).			
7. ASBU B0-SAR: Implementation Challenges					
Elements	Implementation Area				
	Ground System Implementation	Avionics Implementation	Procedures Availability	Operational Approvals	



<b>7. ASBU B0-SAR: Implementation Challenges</b>				
<b>Elements</b>	<b>Implementation Area</b>			
	<b>Ground System Implementation</b>	<b>Avionics Implementation</b>	<b>Procedures Availability</b>	<b>Operational Approvals</b>
SAR Regulatory and Coordination Mechanisms	NA	NA	Legislative restrictions and legal problems enacting SAR agreements. Lack of political support or awareness (including civil/military cooperation).	NA
SAR Facilities and Resources	Lack of resources to establish appropriate facilities and SRUs, including Cospas-Sarsat facilities or sharing access with other States.	Lack of appropriate communications and location-finding equipment.	Lack of local, State and regional agreements between agencies to facilitate sharing of SAR resources, including SRUs.	Lack of Civil/Military SAR cooperation, including use of military facilities and SRUs.
SAR Information	Lack of computers and software	NA	Lack of established information support processes.	NA
SAR Improvement	NA	NA	Lack of regional and local training of RCC staff and SRU operators. Lack of QA, improvement plans and procedures.	NA

<b>8. ASBU B0-SAR: Performance Monitoring and Measurement</b>	
<b>8A. ASBU B0-SAR: Implementation Monitoring</b>	
<b>Elements</b>	<b>Performance Indicators/Supporting Metrics</b>
SAR Regulatory and Coordination Mechanisms	Indicators: Percentage of States implementing SAR regulatory and coordination mechanisms in accordance with the Asia/Pacific SAR Plan Supporting metric: Number of States implementing SAR regulatory and coordination mechanisms in accordance with the Asia/Pacific SAR Plan
SAR Facilities and Resources	Indicators: Percentage of States establishing SAR facilities, personnel resources and assets, in accordance with the Asia/Pacific SAR Plan Supporting metric: Number of States establishing SAR facilities, resources and assets in accordance with the Asia/Pacific SAR Plan
SAR Information	Indicators: Percentage of States implementing SAR information systems in accordance with the Asia/Pacific SAR Plan Supporting metric: Number of States implementing SAR information systems in accordance with the Asia/Pacific SAR Plan



<b>8. ASBU B0-SAR: Performance Monitoring and Measurement</b>	
<b>8A. ASBU B0-SAR: Implementation Monitoring</b>	
<b>Elements</b>	<b>Performance Indicators/Supporting Metrics</b>
SAR Improvement	Indicators: Percentage of States implementing SAR improvement programmes in accordance with the Asia/Pacific SAR Plan Supporting metric: Number of States implementing SAR improvement programmes in accordance with the Asia/Pacific SAR Plan

DRAFT



<b>ASBU B0-SAR: Performance Monitoring and Measurement</b>	
<b>8 B. ASBU B0-SAR: Performance Monitoring</b>	
<b>Key Performance Areas</b>	<b>Metrics ( if not indicate qualitative benefits)</b>
Access & Equity	NA
Capacity	NA
Efficiency	Benefit: enhanced sharing of SRUs and information leading to more efficient responses that involve less time searching.
Environment	Benefit: reduced emissions as a result of reduced fuel burn of airborne, maritime and land based SRUs.
Safety	Benefit: quicker response times to safety of life events, with better information providing SAR Mission Coordinators the opportunity to better match the SRU with the emergency requirement. Improved civil/military cooperation.

.....

DRAFT