



EUR SAR Challenges

ICAO EUR/APAC SAR Workshop 2024
Baku, Azerbaijan, 2-4 October 2024

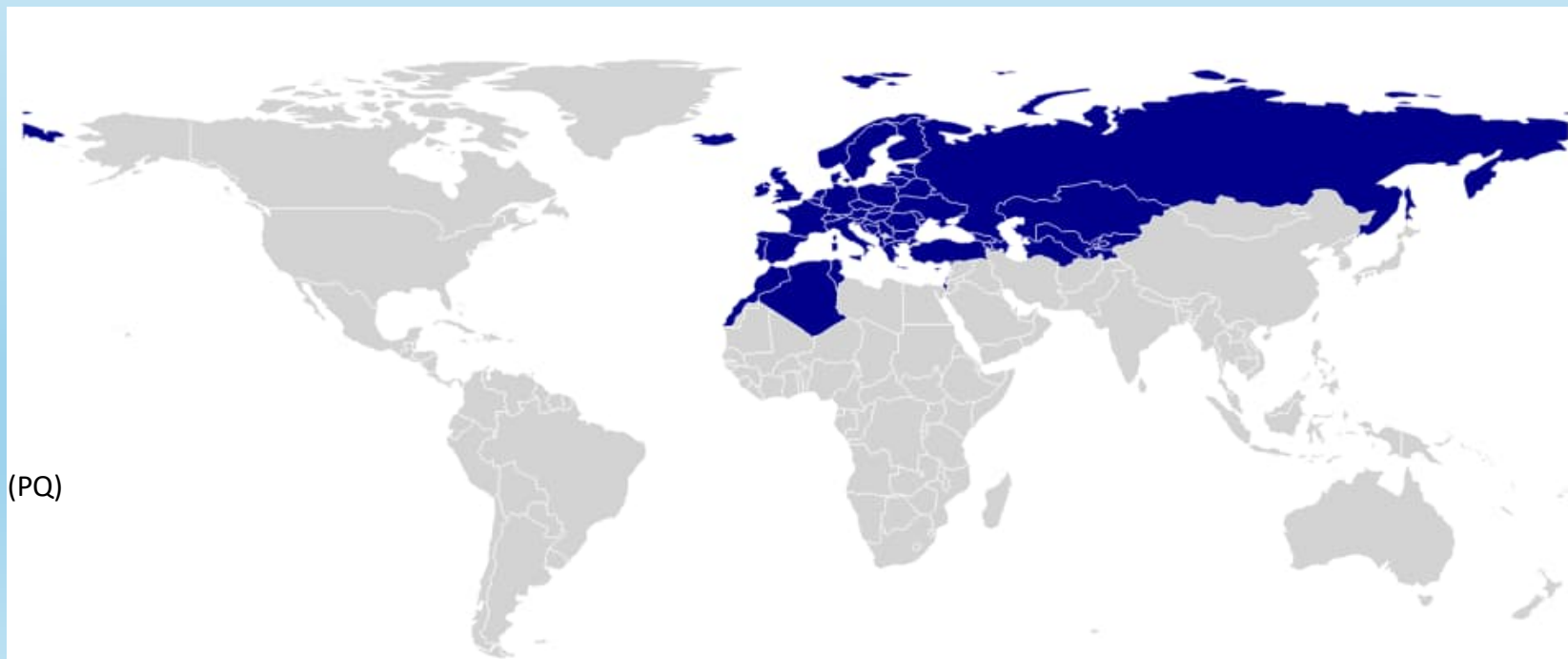


EUR SAR Oversight Capabilities

Implementation by EUR States

67%

EUR States Effective Implementation of SAR oversight



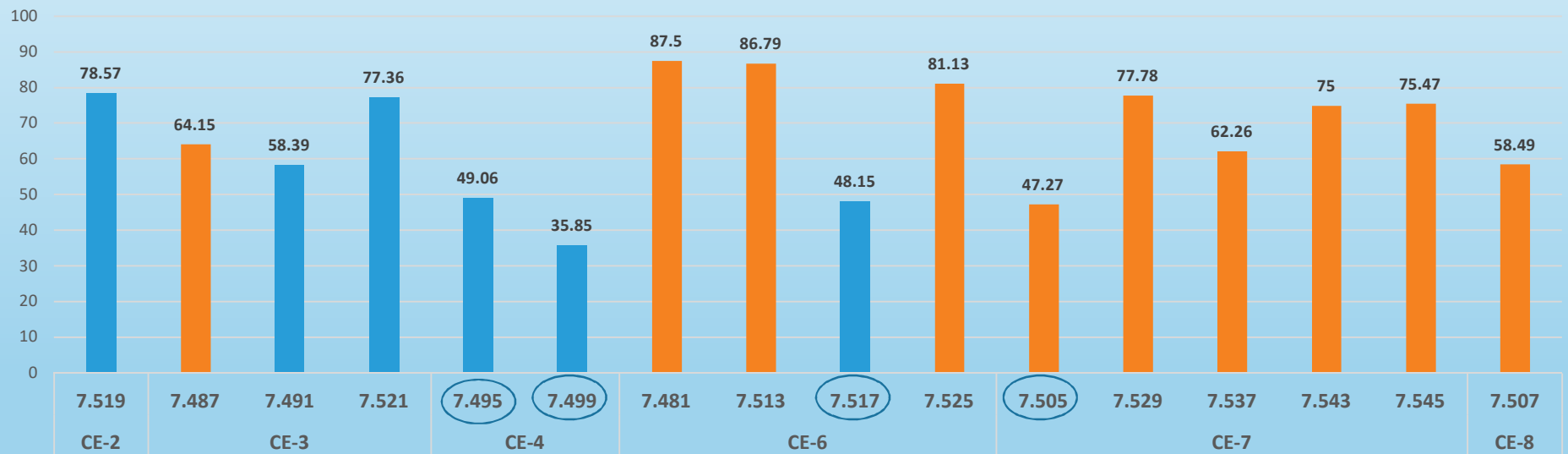
- USOAP CMA audit results
- 16 SAR related Protocol Questions (PQ)
- Including 10 Priority PQs (PPQ)

Effective Implementation (EI)

SAR PQs for EUR States

Effective Implementation (EI %) of SAR PQs for EUR States (August 2023)

PPQs displayed in red



Source: USOAP CMA OLF - 2 August 2023

SAR PQs: 16 (2020 edition of PQs)

PQ #	Reference	Protocol Question	CE #
7.481	STD A12 2.1.1 & 2.1.3	Has the State arranged for the establishment and provision of SAR services within its territory and the areas where the State has accepted responsibility to provide SAR on a 24-hour basis in accordance with Annex 12 provisions?	CE-6
7.487	GM Doc 9734 Part A, C3	Does the SAR inspectorate have sufficient human resources to carry out its functions?	CE-3
7.491	GM Doc 9734 Part A, C3	Has the State established for SAR inspectors: a) job descriptions; b) minimum qualifications; and c) experience requirements?	CE-3
7.495	GM Doc 9734 Part A, C3	Has the State developed a formal training programme detailing the type of training to be provided to its SAR inspectors?	CE-4
7.499	GM Doc 9734 Part A, C3	Is the training programme appropriately implemented for SAR inspectors?	CE-4
7.505	GM Doc 9734 Part A, C3	Has the State established and implemented a formal surveillance programme for the continuing supervision of the rescue coordination centre (RCC) and, as appropriate, rescue sub-centre (RSC)?	CE-7
7.507	GM Doc 9734 Part A, C3	Has the State established and implemented a mechanism/system with time frame for the elimination of deficiencies identified by SAR inspectors?	CE-8
7.513	STD A12 2.3.1 & 2.4; RP A12 2.3.2	Has the State established an RCC or, as applicable, an RSC in each search and rescue region (SRR)?	CE-6
7.517	STD A12 3.1.1 RP A12 3.1.5	Does the State ensure that its SAR organization coordinates with those of neighbouring States?	CE-6
7.519	STD A12 3.1.3	Does the State permit, subject to such conditions as may be prescribed by its own authorities, entry into its territory of SAR units of other States for the purpose of searching for the site of aircraft accidents and rescuing survivors of such accidents?	CE-2
7.521	RP A12 3.1.7	Does the State authorize its rescue coordination centres (RCCs) to provide, when requested, assistance to other RCCs, including assistance in the form of aircraft, vessels, persons or equipment?	CE-3
7.525	STD A12 3.2.5	Does the State ensure that an H24 (continuing day and night service) designation of a SAR point of contact for the receipt of COSPAS-SARSAT distress data?	CE-6
7.529	STD A12 2.1.1.2	Has the State ensured that each rescue coordination centre (RCC) and rescue sub-centre (RSC) employ sufficient workforce skilled in coordination and operational functions?	CE-7
7.537	STD A1 1.2.9, A10 Vol. II, 5.2.1.2, A12 2.3.3, RP A12 2.3.4 GM Doc 9731 (IAMSAR Manual) Vol. I, C3, 3.2	Does the State ensure that the rescue coordination centre (RCC) and, as appropriate, rescue sub-centre (RSC), is staffed 24 hours a day by trained personnel proficient in the use of the English language?	CE-7
7.543	STD A12 5.1, 2.6.1, 3.2.1, 4.1.1 & 4.2.1	Does the State ensure that each rescue coordination centre (RCC) has prepared detailed plans of operation for the conduct of SAR operations?	CE-7
7.545	STD A12 4.4	Does the State ensure that SAR personnel are regularly trained and that appropriate SAR exercises are arranged?	CE-7

SAR Capability Matrix

EUR DOC 039 – EUR SAR Plan, Appendix D

Legend:

A = Not implemented

B = Initial implementation

C = Meets ICAO Annex 12 requirements in some areas

D = Meets ICAO Annex 12 requirements in most areas

E = Fully meets ICAO Annex 12 requirements

Blank = No response



International Civil Aviation Organization

EUR Doc 039

***EUROPEAN SEARCH AND RESCUE PLAN
(EUR SAR Plan)***

Fifth Edition - 2023

December 2023

*Prepared by the ICAO European and North Atlantic Office
on behalf of the European Aviation System Planning Group (EASPG)*

This Plan was developed by the European Search and Rescue Task Force (EUR SAR/TF)

Implementation of the EUR SAR Plan

41 SAR Performance Indicators (January 2023)

#	Performance indicators elements	% Completion for EUR States
1	Enacted legislation that incorporates or is aligned to applicable international Conventions	74.18%
2	Unless delegated, established an entity that provides H24, SAR services within its area of responsibility/SRR	75.27%
3	Established a national SAR committee	49.82%
4	Empowered SAR Mission Coordinators with the authority to adequately carry out their responsibilities	68.73%
5	Established an Administrative Single Point of Contact for SAR (ASPOCS) for non-urgent, administrative matters	66.36%
6	Conducted studies to integrate aviation and maritime SAR, and as far as practicable, civil and military activities	50.18%
7	Conducted studies to align, as far as practicable, aeronautical and maritime SRRs, and SRRs and FIRs	47.27%
8	Established a single State SAR Plan	56.00%
9	Established aerodrome emergency plans that provide for co-operation and co-ordination with RCCs	69.45%
10	Established SAR agreements with States having adjoining SRRs or FIRs	48.18%
11	Provided up to date cross-border information on SAR capability to adjoining States	50.91%
12	Pre-arranged procedures for cross-border SAR responses	46.09%
13	Established RCC plans for response to Mass Rescue Operations (MROs) integrated with national disaster plans	51.45%
14	Established operational plans and procedures for SRUs, provision of support, communication and reporting	64.73%
15	Established SAR Alerting procedures which are tested, integrated and include civil/military protocols	63.82%
16	Provided a fully equipped RCC of sufficient size with adequate provision for operational positions and human factors	71.27%
17	Provided adequate supervisory ATC resources to allow timely SAR alerts and information to RCCs	75.27%
18	Provided sufficient RCC staffing	71.64%
19	Provided a sufficient number of trained specialist RCC officers including SMCs and A/SMCs	64.18%
20	Availability of a pool of RCC support staff who are familiar with RCC operations, but not trained as coordinators	46.91%
21	Developed SAR personnel position descriptions detailing responsibilities and eligibility criteria	69.64%
22	Developed a comprehensive training programme that includes SAR training for SAR Coordinators and SRU staff	63.09%
23	Facilitated RCC staff to be proficient in the English language	60.36%
24	Facilitated a programme of regular liaison visits between relevant RCCs, ATC units and airline operating centres	49.55%
25	Established additional oceanic SAR capability as far as practicable to ensure a timely and adequate SAR response	22.91%
26	Established sufficient SRU capabilities (crews, availability, military assets, communications, authority, etc.)	67.82%
27	Established procedures and necessary infrastructure to coordinate distress beacon alert responses	71.09%
28	Established a reliable distress beacon registration system	64.36%
29	Planned and prepared for the implementation of next generation beacons	35.09%
30	Established an appropriate nationwide means of disposal for old distress beacons	32.91%
31	Established contingency facilities, or procedures for the temporary delegation of SAR to another body or State	39.09%
32	Established a centralised information source publishing all AIP information required on SAR	67.82%
33	Established an Internet-based SAR information sharing system	33.64%
34	Established systems for the maximum practicable cooperation between State entities for information when required	61.82%
35	Developed and maintained a current, comprehensive electronic list of State SAR Facilities, SAR Equipment, and SRUs	46.55%
36	Established an Internet-based SAR Library, or cooperate by contributing to an Internet-based EUR resource	25.09%
37	Provided each RCC and SAR Authority with ready access to a current copy of SAR reference documents	60.91%
38	Conducted regular SAREX to test and evaluate coordination procedures, data and information sharing and SAR responses	60.36%
39	Implemented SAR System Improvement and Assessment measures, including Safety Management and QA systems	44.00%
40	Conducted an annual or more frequent analysis of their current State SAR system to identify specific gaps in capability	58.73%
41	Conducted SAR promotional programs	41.09%

Implementation of the EUR SAR Plan

41 SAR Performance Indicators

