

PURPOSE-BUILT INTELLIGENCE FOR SEARCH & RESCUE

**OPERATIONAL CLARITY.
CONTINUOUS READINESS.**



SAR COMPANION AI

Purpose-Built Intelligence for
Search and Rescue

OPERATIONAL SAR AI

-  Official SAR publications
-  SAR mission coordinator expertise
-  Field testing & validation
-  Machine learning

TRAINING SAR AI

-  IAMSAR Solutions training library
-  Global SAR training content
-  Examinations & quizzes
-  Continuous proficiency training


**RCC
PERSONNEL**



TRUSTED BY DESIGN. HUMAN-LED IN USE.

A contained environment of official publications, SAR expertise, field testing, machine learning and continuous validation - built to support RCC professionals without replacing command responsibility or professional judgement.

GLOBAL DISTRIBUTOR

IAMSAR Solutions

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TRUSTED SAR INTELLIGENCE

Built for the realities of an aeronautical and maritime RCC

A SPECIALISED AI PLATFORM - TWO DEDICATED SERVICES

SAR Companion is a unique AI platform created specifically for Search and Rescue personnel working in Rescue Coordination Centres. Developed through an exclusive partnership between GCC Atlas (Kingdom of Bahrain) and IAMSAR Solutions (Canada), it combines advanced AI engineering with experienced SAR subject-matter expertise for real-time aeronautical and maritime needs.

WHY RELIABILITY MATTERS

Mission-critical output demands controlled, credible inputs.

1

Official
Publications

2

Expert SAR
Input

3

Field
Testing

4

Continuous
Validation

OPERATIONAL AI

Official-source decision support

CONTROLLED KNOWLEDGE ENVIRONMENT

SAR Companion is built around a contained library of official publications, subject-matter expertise, extensive field testing, machine learning and continuous validation. It avoids uncontrolled aggregation of internet sources and creates a transparent foundation for trustworthy output.

APPROVED SOURCES. REFERENCED ANSWERS.

Operational AI uses only internationally approved publications including the IAMSAR Manual, ICAO Annex 12, SOLAS, GMDSS, GADSS, and more. Simple or complex queries receive comprehensive answers supported by applicable references.

NO AVERAGING BETWEEN SOURCES

The platform identifies discrepancies, prioritises official publications and presents clear information in a user-friendly format. This reduces the time required to locate critical guidance and supports faster, more effective decisions. It does not average answers between different sources, but offers the right answer.

MARITIME OPERATIONAL SUPPORT

It supports drift calculations using IAMSAR Manual tables, available winds and currents at the nearest location, and approved methods for search-area development. The objective is to maximise probability of detection, success, and containment while giving RCC personnel clear, unambiguous information when survivability is decreasing with time.

TRAINING AI

Continuous proficiency and readiness

EXPERT TRAINING LIBRARY

Our Training AI is a tool of choice, designed to continuously train RCC personnel. Its library is populated with training material used by IAMSAR Solutions of Canada - an indisputable world leader in the training of RCC personnel - together with global SAR manuals, recognised benchmarks and best practices.

STRUCTURED LEARNING

The platform assists training officers and RCC personnel maintain the highest level of proficiency with lesson plans, quizzes, examinations and other structured development activities. It reinforces knowledge between major exercises and formal courses.

ONE RECOGNISED STANDARD

Training AI helps personnel maintain a high level of proficiency and supports consistent standards across shifts, roles and experience levels, backed by skilled SAR subject-matter expertise and world SAR benchmark best practices.

Operational AI and Training AI are both available on a subscription-based software as a service.

SEE SAR COMPANION IN ACTION. REQUEST A COMPLIMENTARY DEMO AND A 30-DAY NO-OBLIGATION TRIAL

Reliable answers. Faster decisions. Stronger readiness.



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