



## **ADVANCED SMC COURSE 2026-2027**

### **COURSE DESCRIPTION**

This course is designed to provide students with a superior understanding of aeronautical and/or maritime search and rescue (SAR) activities as part of the SAR Mission Coordinator (SMC) responsibilities under a Joint Rescue Coordination Centre (JRCC), an Aeronautical Rescue Coordination Centre (ARCC) or a Maritime Rescue Coordination Centre (MRCC). The ASMC course focuses on complex maritime and aeronautical incidents requiring the student to prioritize tasks and mission given a limited number of assets. Following a brief review of key pertinent SAR topics, the students fully engage active simulations requiring critical thinking and accurate record keeping.

### **INTENDED AUDIENCE**

Any personnel who may be involved directly or indirectly in search and rescue activities. This includes JRCC/ Rescue Coordination Centre personnel, On Scene Coordinators, Air Traffic Control personnel, Civil Aviation personnel, Emergency responders, Coast Guard, Navy, Air Force, Maritime Enforcement Agencies, Police, Administrators and Management.

### **REFERENCES**

IAMSAR manual Volume I- Organization and management  
IAMSAR manual Volume II- Operations  
IAMSAR manual Volume III- Mobile facilities  
ICAO Annex XII- Search and Rescue  
The Canadian SAR system best practices  
International Maritime Rescue Federation Operations

### **GENERAL LEARNING OUTCOME**

Advanced level knowledge of aeronautical and maritime SAR activities. This course is ideal for organization Training Officers.

### **PREREQUISITES**

SAR Mission Coordinator course including Aviation module  
Maritime Search Planning course  
A minimum of 24 months On-The-Job training following prerequisite courses



#### **LANGUAGE**

Understanding of the English language both written and spoken preferably with a minimum of ICAO Level 3 English proficiency.

#### **DURATION AND LOCATION**

Course duration is 10 training days for a total of 60 hours, to be delivered onsite or in Canada.

#### **CLASS SIZE**

A maximum of 8 students per instructor. Two instructors required above 8 students.

#### **INSTRUCTING PERSONNEL QUALIFICATIONS**

All proposed instructors are Canadian SAR Mission Coordinators from a Canadian Joint Rescue Coordination Centre with a minimum of 12-year experience in SAR and JRCC. Aeronautical SMC hold a license as a SAR fixed wing/ rotary wing Pilot or Air Navigator with a minimum of 10 years flying SAR operations, maritime SMC originate from the Canadian Coast Guard or equivalent organization with years of experience in SAR operations.

#### **COURSE TOPICS- SAMPLE**

Review of pertinent topics based on student questionnaire

7 days of simulations on a variety of real-life RCC situations based on local area conditions

#### **CERTIFICATION**

Graduating students receive a certificate of completion for the Advanced SAR Mission Coordinator course.

#### **COURSE FEE**

All-inclusive format. Includes tailored course preparation for specific personnel, instruction delivery, graduation certificates and more.

#### **AVAILABILITY AND PREPARATION TIME**

Course availability is depending upon IAMSAR Solutions' ongoing commitments. A minimum of 120 days from contract signature is required prior to start of training. This allows enough time to gather appropriate data on local resources and location to better prepare practical exercises in the area of responsibility of the student cadre.