Swedish Search and Rescue Services

Management

Mission Co-ordination

Mobile Facilities
Administration

Co-ordination and Management
Maritime and Aeronautical SAR Service Organization in the Swedish Maritime Administration

Regulator

Department for Maritime Policy and Public Affairs
SAR Management

Provider

Maritime Traffic Department

JRCC
Maritime and Aeronautical Rescue Co-ordination Centre
Mission Co-ordination

Regional Maritime Traffic Organizations
Administrative co-operation

Safe shipping for people and environment
# National co-ordination in Search and Rescue Services

## National SAR Co-ordination Committee

**CSSF**
- Maritime Administration (chair)
- National representatives of
  - Sea Rescue Society
  - Coast Guard
  - Swedish Civil Contingencies Agency
  - National Board of Health and Welfare
  - National Police
  - Defence Forces
  - Viamare After Sales AB (coast radio)
  - SOS Alarm (112)
  - Association of Local Authorities

## Regional SAR Co-ordination Committees

**RSS**
- Maritime Traffic District (chairman)
  - SAR Mission Co-ordinator from MRCC
- Regional representatives for
  - co-operative authorities and organizations
  - ship owners
- And other regional parties involved in SAR
Objectives

Maritime SAR – stated objective

Maritime and Aeronautical Search and Rescue service shall be performed on 24-hour basis, within areas specified in the legislation on protection against accidents (Rescue Services Act).

The Search and Rescue service shall on Swedish territorial waters, within 60 minutes in 90 percent of all SAR operations, with airborne or surface search and rescue unit (SRU), after its crew has been alerted by the Maritime Rescue Co-ordination Centre (MRCC), and where the position is known, be able to rescue a person in distress.

The equivalent value for a position on international waters of the Swedish Search and Rescue Region (SRR) is 90 minutes.

Aeronautical SAR - Level of ambition

The aeronautical ambitional level search and locatemissing aircraftshall beat least 90% with regard to:

- Missing aircraft with a transmitting ELT shall be located within 90 minutes when the position is known
- Missing aircraft without transmitting ELT shall be located within 24 hours when the position is known.
- Rescuing of persons in distress should be initiated immediately after location.
International conventions, recommendations and agreements

- International Convention on Maritime Search and Rescue, 1979 (SAR)
- Safety of Life at Sea (SOLAS)
- Convention on International Civil Aviation, Annex 12 (SAR)
- ICAO/IMO International Aeronautical and Maritime SAR Manual
- Bilateral SAR agreements with adjacent countries
Bilateral SAR agreements with adjacent countries

Sweden has signed bilateral agreements for Maritime and Aeronautical Search and Rescue with

- Finland
- Russia
- Estonia
- Latvia
- Lithuania
- Poland
- Germany
- Denmark
- Norway
National legislations and agreements

Swedish legislations

- Swedish Civil Protection Act
- Swedish Law of the Seas (similar to UNCLOS)

Agreements

- **Maritime Incident Response Groups** (fire fighting teams at Stockholm, Goteborg, Helsingborg, Karlskrona, Gotland and Harnosand/Kramfors municipalities).
- **Rescue Helicopters** (15 mins readiness at Stockholm, Goteborg, Ronneby, Visby and Sundsvall)
- **Maritime Safety Information – MSI** Broadcast by Navtex, VHF and MF. (VTS West Coast - Goteborg)
Instructions for Maritime Search and Rescue Services

**IMO/ICAO**
- International Maritime and Aeronautical Search and Rescue Manual (IAMSAR)
- IAMSAR Vol III translated into Swedish language

**National Instructions**
- National Plan for Maritime SAR
- Checklists, contingency plans and operational instructions.
Mission Co-ordination
Organization for Mission Co-ordination

- JRCC Goteborg
  Joint Rescue Co-ordination Centre
- OSC
  On Scene Co-Ordinator
- ACO
  Aircraft Co-ordinator
- Mobile Facilities
  Helicopters and Fixed Wing Aircrafts
- Mobile Facilities
  Surface Units

Safe shipping for people and environment
JRCC Sweden located at Goteborg
SPOC

National SAR Point of Contact
SAR Alerts

- **Radio**
  Monitoring of VHF 16 (H24)
  DSC VHF och MF

- **Emergency telephone**
  (via 112 Alarm System)
MRCC in Sweden and adjacent countries

MRCC Goteborg
MRCC Stavanger
MRCC Aarhus
MRCC Bremen
MRCC Gdynia
MRCC Tallin
MRCC Riga
MRCC Klaipeda
MRCC S:t Petersburg
MRCC Turku

Safe shipping for people and environment
Radio Communication facilities accessible from JRCC
Mobile Facilities
Rescue helicopters with readiness of 15 minutes

Goteborg
Ronneby
Visby
Stockholm
Sundsvall

Safe shipping for people and environment
MIRG
Maritime Incident Response Groups

Safe shipping for people and environment