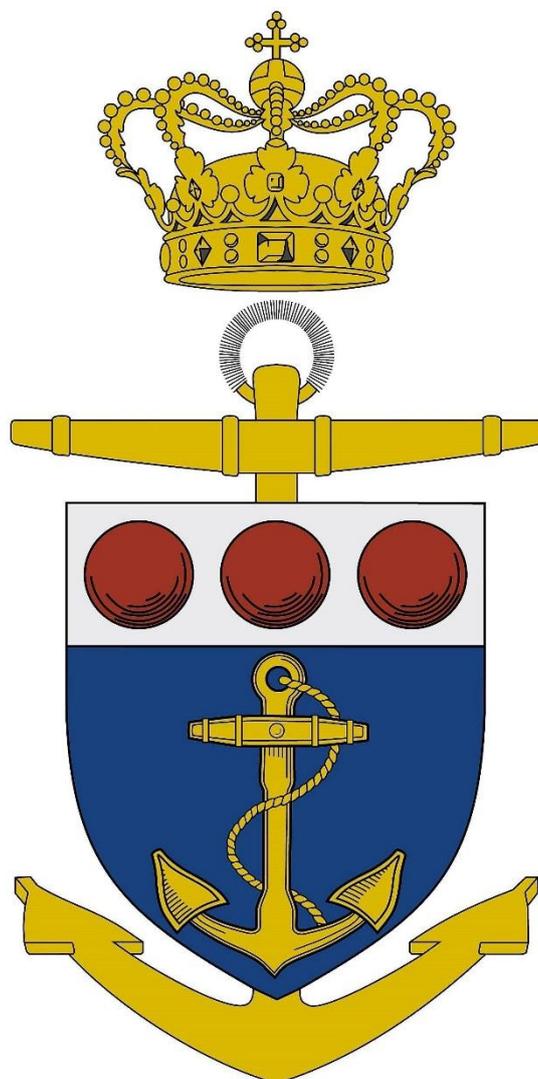




JOINT RESCUE COORDINATION CENTRE JRCC DENMARK



SAR COOPERATION PLAN

Part III, IV, V and VI

2026 Original

Contents

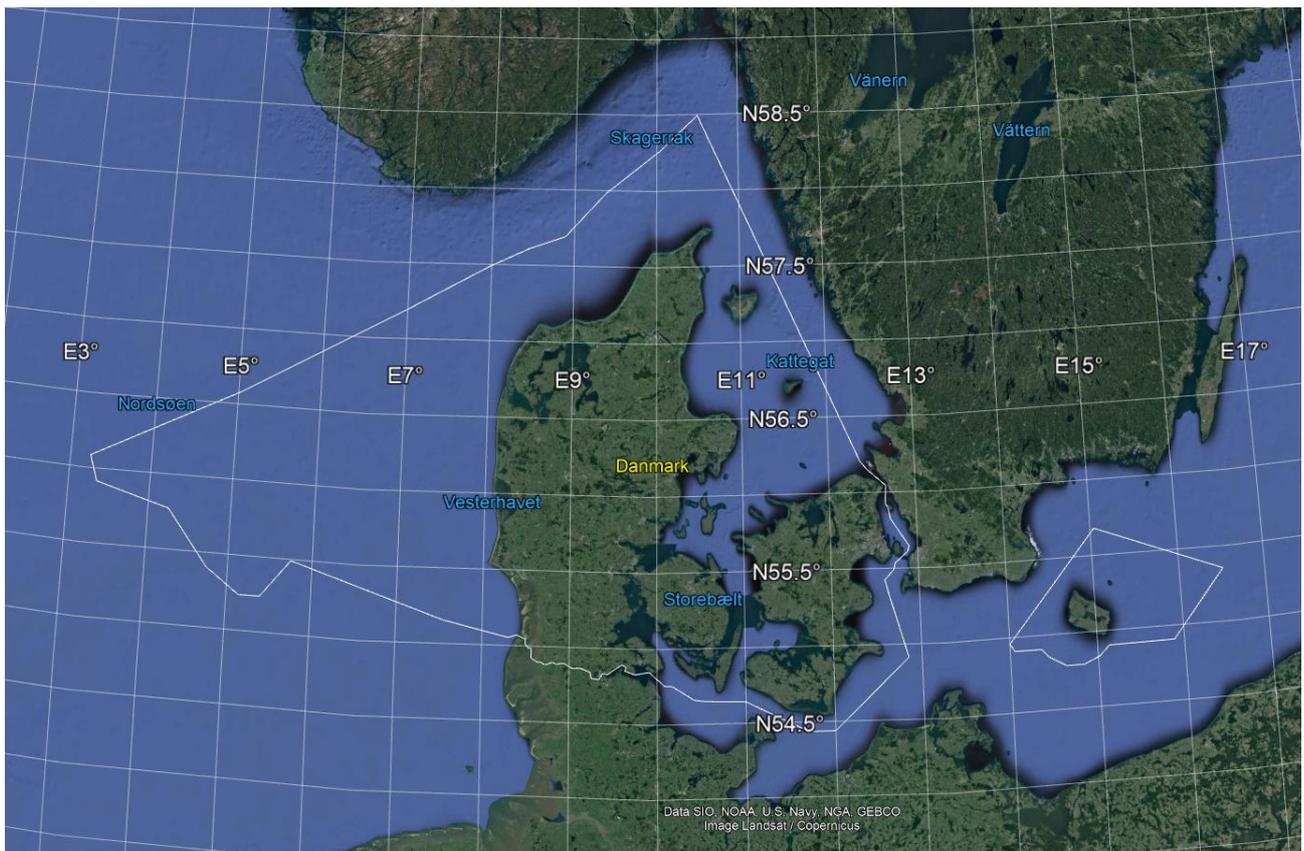
Introduction	Page 3	The SOLAS Convention
PART III	Page 4	Contact information, Danish SRR, duties
PART IV	Page 9	SAR facilities
PART V	Page 13	Media relations
PART VI	Page 14	Periodic exercises

Introduction

The SOLAS Convention Chapter V, Section 7.3 requires preparation of a SAR co-operation plan:

Passenger ships, to which chapter I applies, shall have on board a plan for cooperation with appropriate search and rescue services in event of an emergency. The plan shall be developed in cooperation between the ship, the company as defined in regulation IX/1, and the search and rescue services. The plan shall include provisions for periodic exercises to be undertaken to test its effectiveness. The plan shall be developed based on the guidelines developed by the Organization (IMO).

The aim of SAR cooperation planning is to enhance mutual understanding between a ship, the ship-owner and SAR services so that in the event of an emergency, all three parties will be able to work together efficiently. The information included in the plan must be readily available and up to date.



Danish Search & Rescue Region (SRR)

PART III

3. JOINT RESCUE CO-ORDINATION CENTRE DENMARK

Contact information:

For emergency and distress telephone **(+45) 7285 0380**
(24 hrs. watch maintained)

Inmarsat-C: 492380442
e-mail: jrcc@sok.dk

Address: JRCC Denmark
National Maritime Operations Centre
Herningvej 30
DK-7470 Karup J

Lyngby Radio is co-located with JRCC Denmark and JRCC can be reached by calling Lyngby Radio on the following international distress frequencies:

- VHF-DSC channel 70 (156.525MHz)
- VHF channel 16 (156.800MHz)
- MF-DSC frequency 2187.5 kHz
- MF frequency 2182 kHz is only monitored on request!

The Search & Rescue Service in Denmark is organized according to obligations towards the International Convention on Maritime Search and Rescue 1979, ICAO Annex 12 Search and Rescue, IMO and ICAO recommended practices and National Agreements.

In order to ensure the optimum utilization of all available search and rescue facilities, the Danish Search and Rescue Service is based upon co-operation between civil and military organizations and authorities.

Accordingly Search & Rescue is coordinated by the Royal Danish Navy and the Royal Danish Air Force and conducted by the Joint Rescue Coordination Centre Denmark (JRCC Denmark) placed at Airbase Karup. In executing Search and Rescue operations the JRCC Denmark collaborate with relevant civilian and military authorities or agencies that may be in position to assist.

When coordinating and operating the JRCC Denmark is directing rescue operations until termination by the JRCC Denmark.

The Danish SRR are the waters within the following coordinates:

Clockwise (CW) Starting in NW corner where DK/UK/NO meets.

56°05'N 003°15'E –	56°35'N 005°02'E –	57°10'N	006°56'E	–
57°30'N 007°59'E –	57°37'N 008°27'E –	57°41'N	008°53'E	–
57°59'N 009°23'E –	58°16'N 010°01'E –	58°30'N	010°30'E	–
57°49'N 011°03'E –	57°26'N 011°24'E –	56°31'N	012°09'E	–
56°18'N 012°05'E –	56°13'N 012°21'E –	through	the Sound	–
55°20'N 012°38'E –	55°18'N 012°38'E –	55°15'N	012°41'E	–
55°09'N 012°48'E –	55°04'N 013°03'E –	55°01'N	013°09'E	–
55°00'N 013°09'E –				

54°55'N 012°51'E –	54°27'N 012°00'E –	54°22'N	011°56'E	–
54°22'N 011°40'E –	54°21'N 011°40'E –	54°24'N	011°38'E	–
54°25'N 011°35'E –	54°28'N 011°31'E –	54°30'N	011°27'E	–
54°32'N 011°23'E –	54°34'N 011°19'E –	54°35'N	011°16'E	–
54°36'N 011°12'E –	54°37'N 011°09'E –	54°38'N	011°04'E	–
54°38'N 011°00'E –	54°38'N 010°54'E –	54°37'N	010°52'E	–
54°34'N 010°48'E –	54°33'N 010°44'E –	54°33'N	010°40'E	–
54°33'N 010°37'E –	54°35'N 010°32'E –	54°36'N	010°27'E	–
54°37'N 010°22'E –	54°38'N 010°21'E –	54°40'N	010°18'E	–
54°43'N 010°16'E –	54°45'N 010°13'E –			

-through Sønderborg and Flensburg Fjords to the west. and

CW Starting in SW corner of Jutland between the islands Rømø and Sylt.

55°04'N 008°18'E –	55°10'N 007°33'E –	55°30'N	005°45'E	–
55°15'N 005°24'E –	55°15'N 005°09'E –	55°18'N	005°00'E	–
55°24'N 004°45'E –	55°46'N 004°15'E –	55°55'N	003°21'E	–

Furthermore, lateral limits around the island of Bornholm are as follows; CW Starting in SW corner of the island.

54°55'0N 014°24'8E –	54°55'0N 014°03'0E –	54°57'8N	013°59'7E–
55°18'7N 014°27'6E –	55°41'5N 015°02'1E –	55°21'3N	016°30'5E–
54°55'0N 016°00'0E –	54°55'0N 015°13'0E –		

Combined with a part of a circle with a radius of 16.2 NM and center in EKRN from:

54°55'0N 014°24'8E– 54°55'00N 015°13'0E

And finally added with a part of a circle marking the Limit of Outer Danish Territorial Sea from:

54°55'0N 015°24'0E– 54°49'0N 014°51'0E

3.1. Search and rescue regions along the route

The following Figures illustrate the neighbor Search & Rescue Regions (SRR).

Figure 1 illustrates approaching Danish SRR from the North Sea.

Figure 2 illustrates approaching Danish SRR from the Baltic.

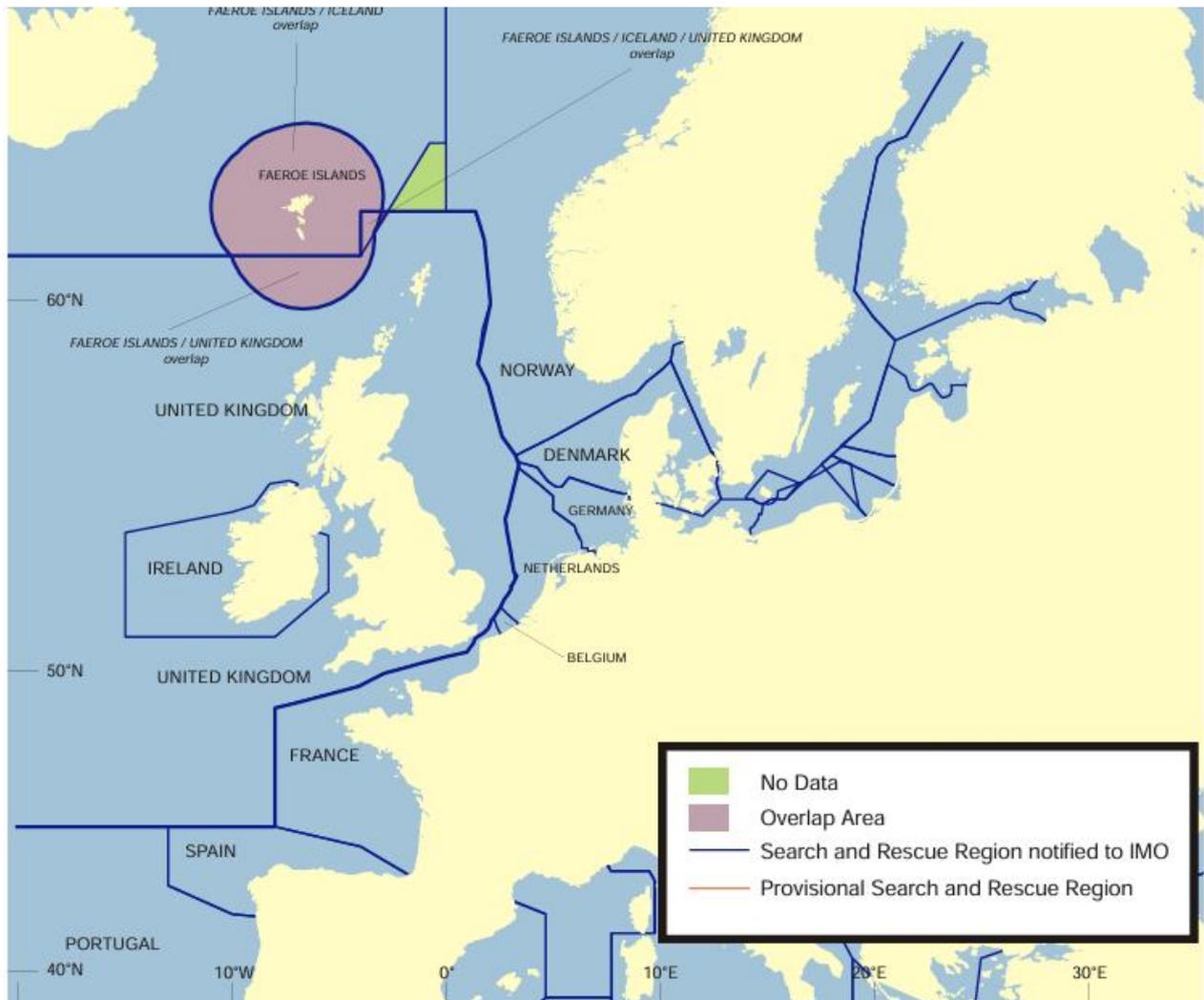


Figure 1 Approaching Danish SRR from the North Sea.

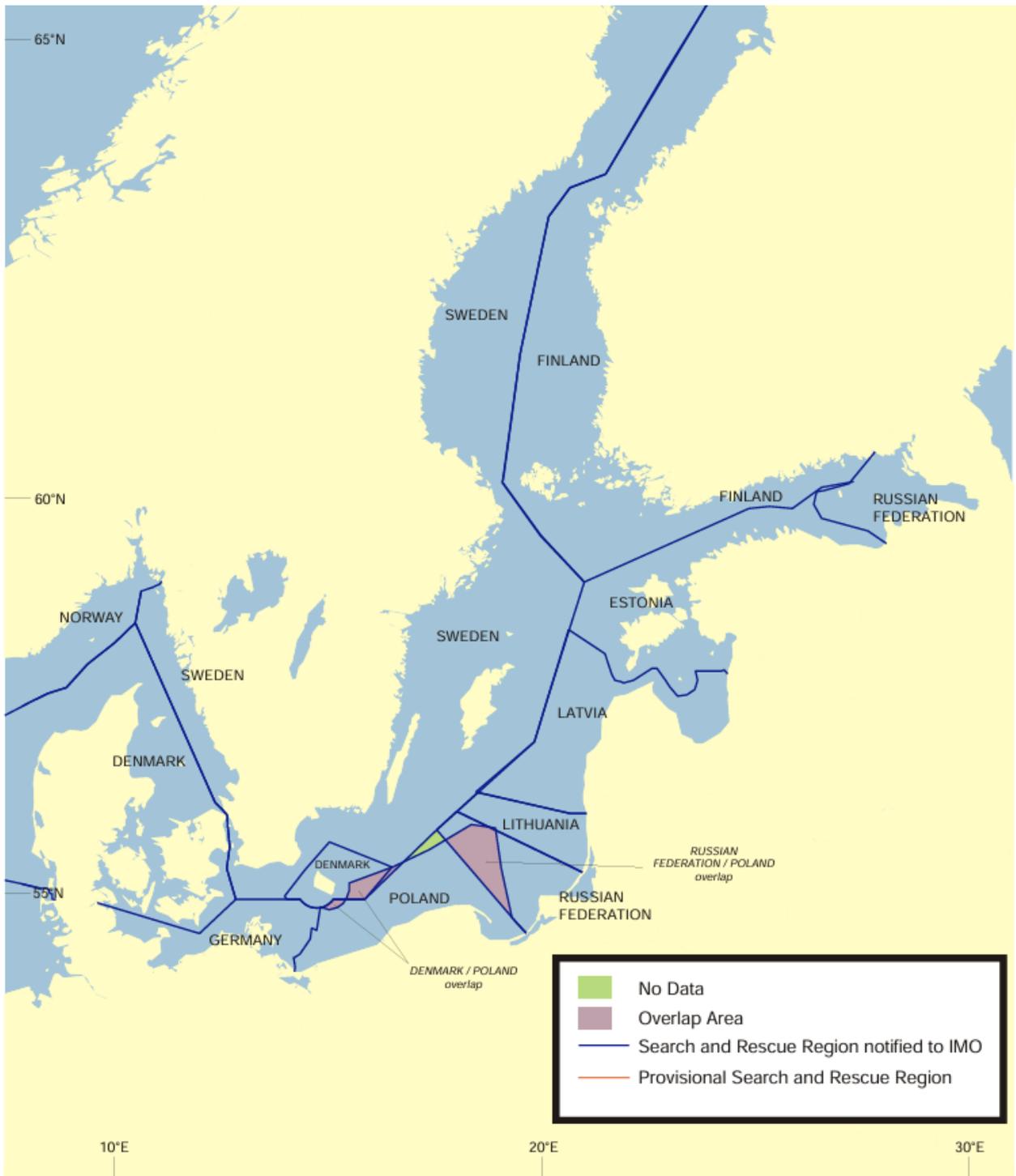


Figure 2 Approaching Danish SRR from the Baltic.



3.2. Search & Rescue Mission Coordinator (SMC)

The operations in the JRCC are directed by a Search & Rescue Mission Coordinator (SMC). When an alarm or request for help is received the SMC alerts the rescue system and determine the specific rescue units to be employed in Search and Rescue activity as well as other resources for providing help to those in need of help and assistance

The SMC is responsible for directing rescue operations until the task has been completed and no further help or assistance is needed.

SMC tasks include:

- Obtain and evaluate all data on the emergency,
- Ascertain the type of emergency equipment carried by the missing or distressed craft
- Develop the SAR action plan
- Designate the On-Scene Coordinator (OSC)
- Dispatch SAR units and/or SAR facilities
- Designate on-scene communication frequencies,
- Co-ordinate the operation with adjacent MRCCs/ARCCs/JRCCs
- Release SAR facilities when assistance is no longer required
- Terminate or suspend the search as directed by JRCC

3.3. On Scene Coordinator (OSC)

The On Scene Coordinator is the commander of a rescue unit designated to co-ordinate Search and Rescue operations withing a specified search area and for a specific operation.

The JRCC will designate the most suitable rescue unit for OSC duty at the initial stage of a Search and Rescue operation. Until an OSC has been designated, the first rescue unit arriving at the scene of action automatically assumes the duties and responsibilities of an OSC.

The OSC tasks include:

- Assume operational co-ordination of all SAR facilities on scene
- Co-ordinate on scene search and communications
- Receive SAR action plans from the coordinating RCC
- Modify plans based on prevailing environmental conditions and keeping the JRCC advised of any changes to plans
- Provide relevant information for the other SAR facilities
- Implement the SAR action plans
- Monitor the performance of other rescue units participating in the operation
- Make periodic reports (SITREPs) to the JRCC in accordance with IMO SAR SITREP



PART IV

4. SAR facilities

4.1. Denmark SRR

The waters surrounding Denmark only holds one SRR with JRCC Denmark as the responsible SAR service.

4.2. Communications

When to alert JRCC

The JRCC is to be notified of any situation which in the shorter or longer term may develop to an emergency

How to alert JRCC

- Notification of emergencies shall be direct through approved maritime communications systems
- The JRCC is directly connected to the coastal radio station Lyngby Radio, which is co-located with the JRCC
- All distress alerts/traffic on VHF and DSC are routed to JRCC
- INMARSAT-C
- Alarms from 406 MHz EPIRBS will be handled by COSPAS/SARSAT NMCC (Norwegian Mission Control Center) at JRCC Bodoe and will terminate at the responsible JRCC.
- Ships may use public or mobile telephone to contact JRCC, keeping in mind that no one else but the two points can hear your message, which is a disadvantage in distress alerting.

Information to be given when alerting JRCC:

- Name/callsign
- Position and weather condition
- Total number of people involved, injured, missing or dead
- Situation and assessment of situation
- Type of assistance needed
- Measures taken by the ship
- Others than JRCC alerted by the ship

4.3. Rescue Units

The following civil and military agencies and units are declared to participate in the Danish SAR organization:

JRCC Denmark:

- SAR helicopters
- Rescue Vessels
- Naval Ships
- Military Aircraft
- Lifeboat Institution
- Light and Bouy Service
- Naval Home guard
- Pilot Stations and boats
- Harbor Masters
- Coastal Observations Posts
- Ships at sea
- Beach Inspectors

Police:

- Civil Ambulance- and Salvage Corps
- Emergency Management Agency
- Danish Radio and Television
- Salvage Companies
- Airport Rescue

Danish Naval Vessels are equipped and trained to act as OSC and can provide firefighting, smoke divers, medical treatment and are capable of emergency towing.

Three Search & Rescue helicopters (EH-101) are continuously on short notice for Search & Rescue operations. The three Search and Rescue helicopters are based at Air Station Skrydstrup, Air Station Aalborg and Roskilde airport.

On weather conditions with wind speed exceeding 40 kts in the Western and Central Baltic one Rescue helicopter will also be based at Air Rønne airport, Bornholm.

The EH-101 usually carries a doctor.

The EH-101 can carry seven seated survivors and up to 30 survivors depending on aircraft weight (fuel burned).

The EH-101 can do Homing on UHF and VHF (100.0-400 MHz).

4.4. Communication plan

The communications of the Maritime Rescue Service inside the Danish SRR are primarily based upon VHF network.

For distress and emergency messages VHF channel 16 is to be used.

Appropriate working VHF channels for Search and Rescue communication between JRCC, MRSC, OSC and other participating SAR-units will be advised by Lyngby Radio in close cooperation with the JRCC.

4.5. Search planning

JRCC Denmark will provide the search planning for participating SAR-units. The search planning can also be provided by the assigned OSC.

In planning, the SAR units must provide the JRCC with all relevant information available relating to the SAR operation, such as:

- type, position and time of accident
- information on target of the search
- local meteorological conditions, etc.

4.6. Medical Advice

The Danish Maritime Authority is responsible for the Danish Radio Medical Service. The **Radio Medical Denmark** is situated at Esbjerg Central Hospital and can be called directly or via Lyngby Radio.

Direct Telephone: (+45) 75 45 67 66

Ship calls via Lyngby Radio for Radio Medical advises / assistance on VHF or MF are free of charge.

Patient evacuation if needed will be arranged by JRCC Denmark who determines the best means for the evacuation such as ship, boat or helicopter pending the situation.

4.7 Firefighting, chemical hazards.

On request from JRCC Denmark the Danish Fire Fighting Service and the Danish Emergency Management Agency assists to respond to accidents at sea. Early request for assistance in the Danish SRR must be made to JRCC Denmark in order to arrange the transport of the firefighting teams by ship or helicopter and in order to prepare effective assistance.

The Fire Fighting Service and the Emergency Management Agency will require the assistance of the ships master and crew in providing, and as necessary explaining, communication, plans and stability details. Assistance to handle equipment on board, and acting as guides, will also be required from the ship's crew.

For the preparation of effective assistance, the master must make all relevant information available and the company's shore-based emergency response organization.

4.8. Shore reception arrangements.

The Danish Police are responsible for shore reception arrangements at major evacuation operations necessitated by accidents at sea.

The Police will co-ordinate the shore reception arrangements with the Danish Emergency Agency, the company and other relevant authorities.

4.9. Informing next-of-kin.

Responsibility for informing next-of-kin remains with the Danish Police in co-ordination with the company emergency response organization.

In the event of a major Search and Rescue operation a Police Liaison Officer will be located at JRCC Denmark in Karup for co-ordination to the local Police.

The Danish Police have the responsibility to provide information of casualties to next-of-kin concerning passengers and crew.

4.10. Suspension / termination of SAR action.

The decision on suspension or termination of SAR operations rests with the JRCC Denmark.



PART V

5. Media relations:

5.1. Company policy

To be inserted by the company.

5.2. JRCC policy

JRCC Public Relations Officer can be reached on +45 7020 0440

Information to the media should in general be as honest and complete as possible within the limits of privacy protection, the duty of confidence etc. It is preferable to provide information within one's area of competence rather than having others do this without one's own control.

The JRCC is responsible for providing information on the SAR operation.

If media contact a ship involved in SAR operation, the ship must ensure that the SAR operation is not impeded by traffic from the media.

Participating facilities must base their information activities on providing information about themselves and the tasks they are responsible for. And avoid reporting on matters beyond their knowledge or competence.

Expect passengers to use mobile telephones to notify the media of events on board or in the area. It is important to keep the ship's own crew and passengers informed of the situation, both when the ship itself needs assistance and when assisting others.



PART VI

6. Periodic exercises

6.1. If the passenger ship requires a co-operation exercise when entering Danish SRR, then mail JRCC DK as soon as possible in vicinity of Danish SRR on e-mail address: **jrcc@sok.dk**

6.2. JRCC DK will reply if it is possible to find suitable ship for an exercise during the passenger ships passage in Danish SRR.

7. Acknowledgement

7.1. Ship and Company are requested to send the ships plan for cooperation with appropriate search and rescue services in event of an emergency to JRCC DK via e-mail address: **jrcc@sok.dk**

Plan is to encompass in accordance with the SOLAS Convention e.g. Ships SAR plan, Ship data (e.g. helicopter hoist spots), Contact information, Communications, Emergency equipment, numbers of POB, Route etc.

7.2. Ship and Company are to acknowledge in mail to JRCC that this document is read and understood. JRCC DK e-mail address: **jrcc@sok.dk**