





Awareness Session on Search and Rescue for Member States



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Overview IAMSAR Manual/Global SAR System Concept

- National and regional systems
- SAR as a system
- Communications
- Alerting posts and locating
- SAR coordination
- Rescue coordination centres (RCC)
- Facilities and equipment
- Staffing
- Training, qualification, and certification
- Search and rescue regions (SRR)
- SAR facilities
- On-scene coordinator (OSC) and aircraft coordinator (ACO) joint training

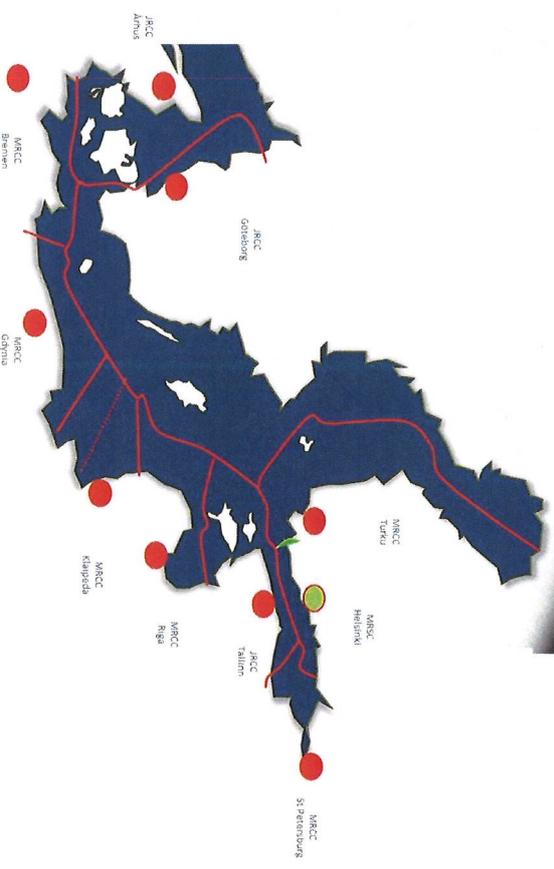
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- The goal to provide an effective world-wide system
- Develop regional systems
- SAR services assist anyone in distress within the SRR



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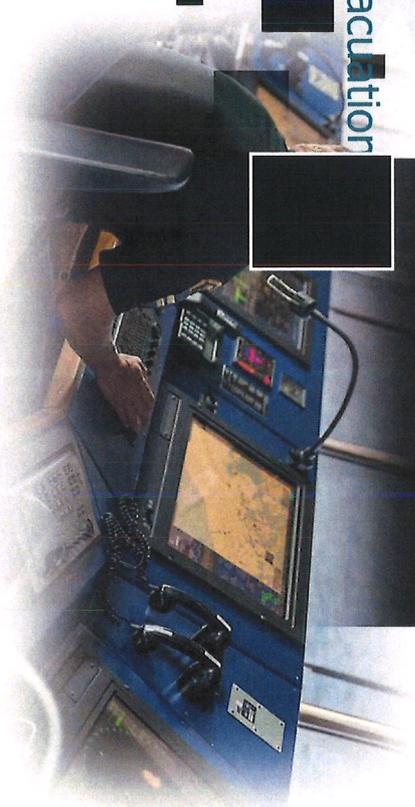
- National and regional systems
 - can be established on a national or regional level, or both
 - improve distribution of distress alerts, coverage and services
 - basic requirements



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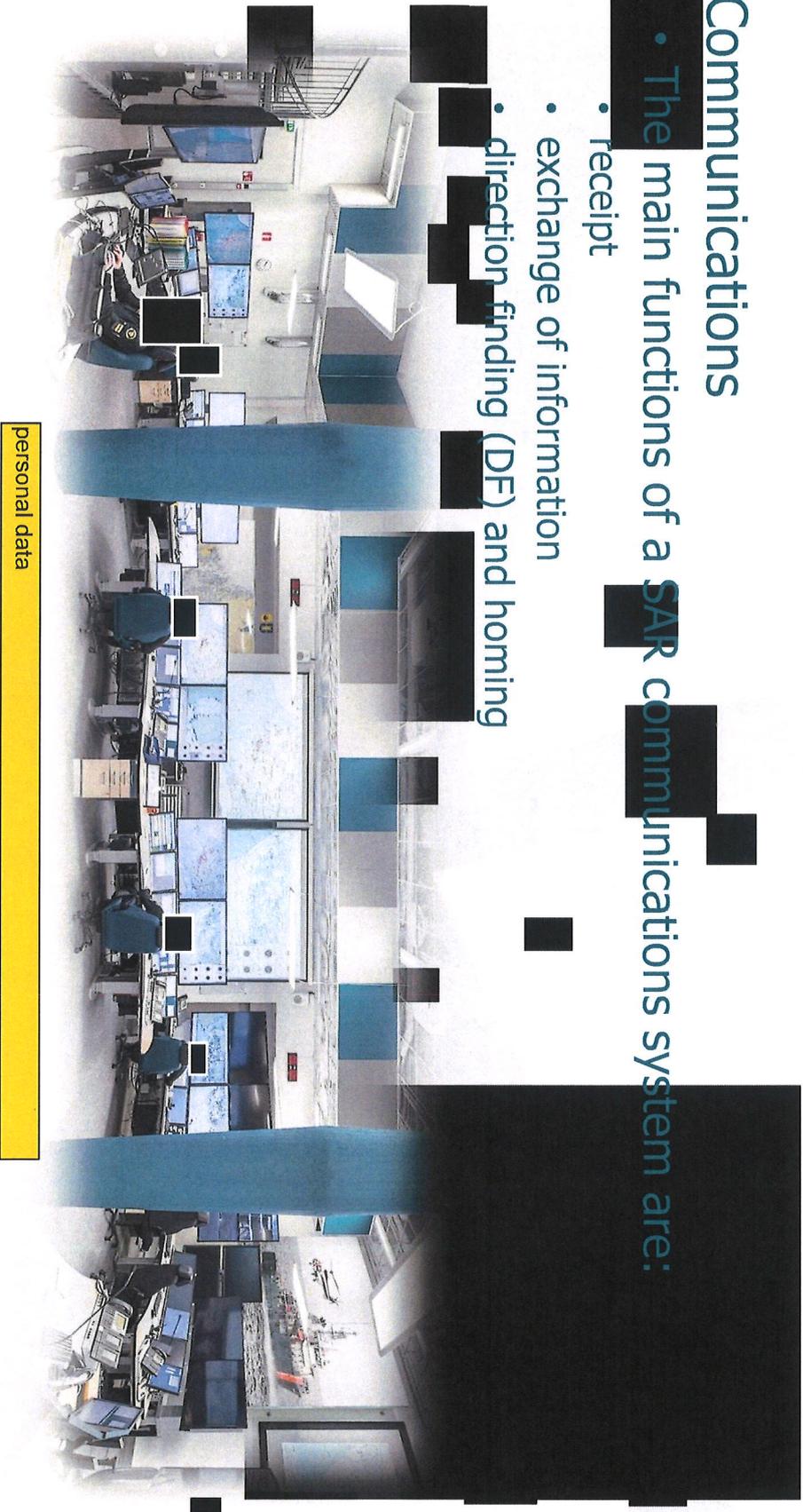
- SAR as a system
 - The SAR system has individual components that must work together
 - Every SRR has unique factors. Primary system components are:
 - communication
 - RCC
 - RSCs to support
 - SAR facilities
 - medical advice and medical assistance and evacuation
 - on-scene coordinator (OSC)
 - support facilities

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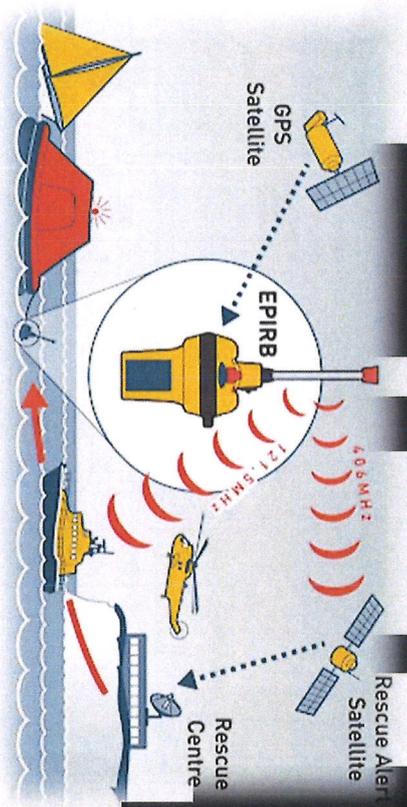
- Communications
- The main functions of a SAR communications system are:
 - receipt
 - exchange of information
 - direction finding (DF) and homing



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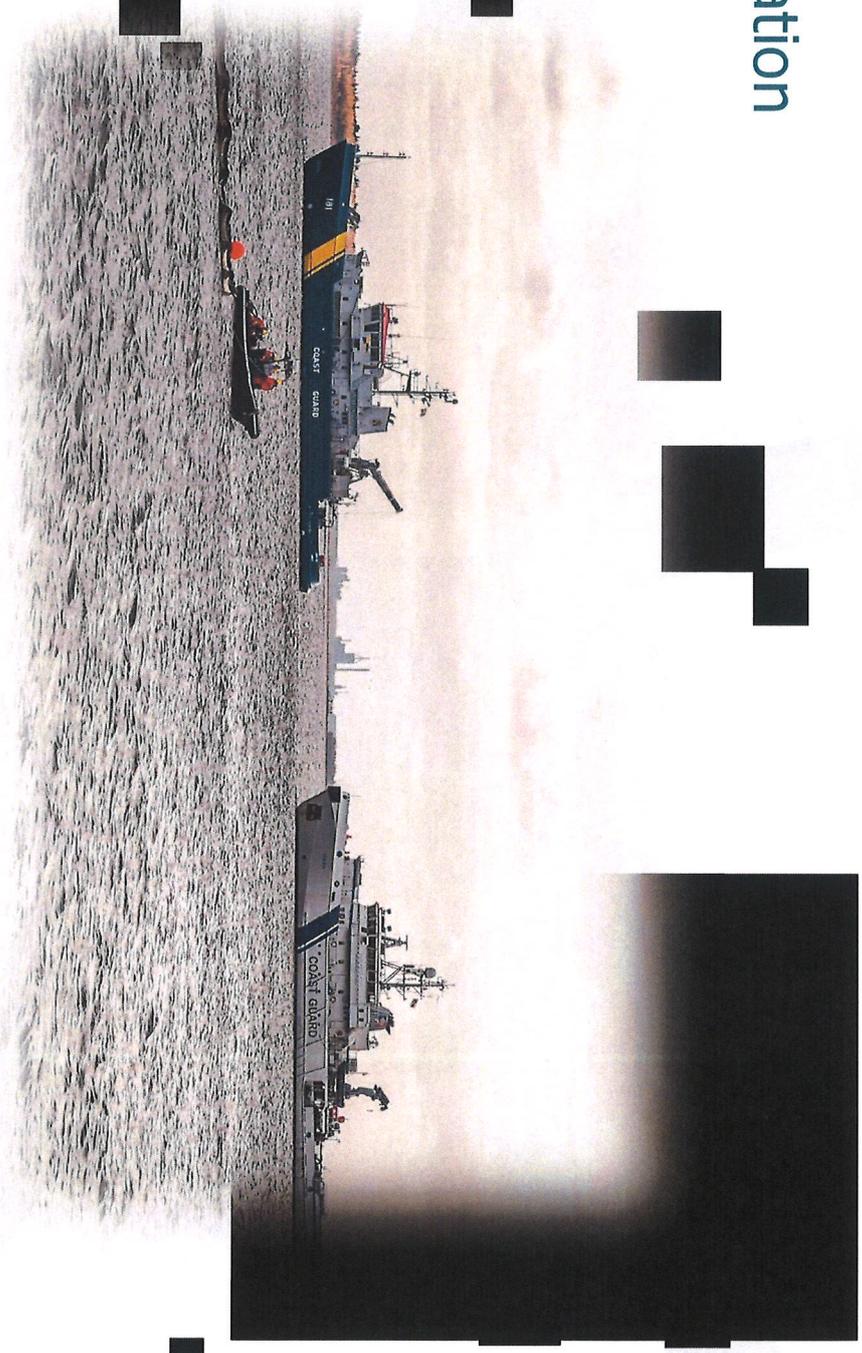
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- Alerting posts
- Locating
 - an emergency locator transmitter (ELT)
 - an emergency position-indicating radio beacons (EPIRBs)



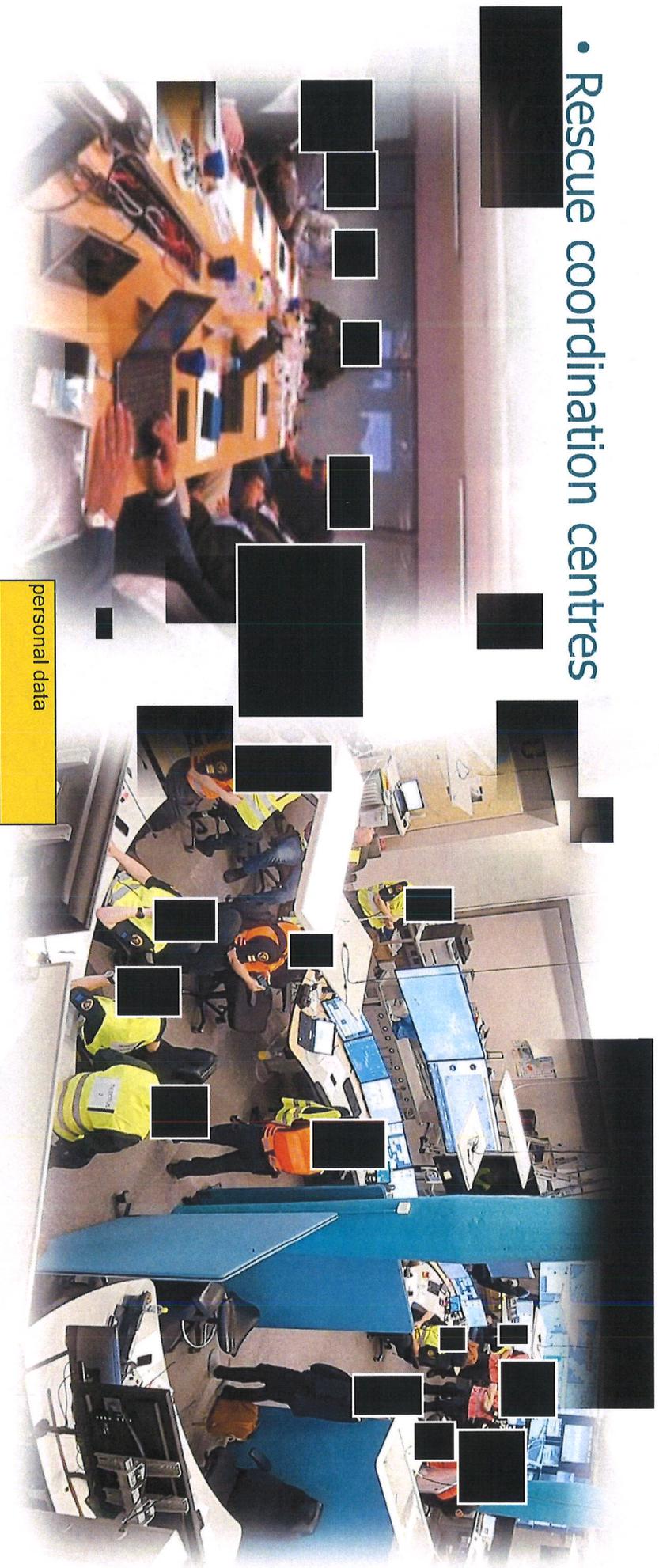
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- SAR coordination
- On-Scene



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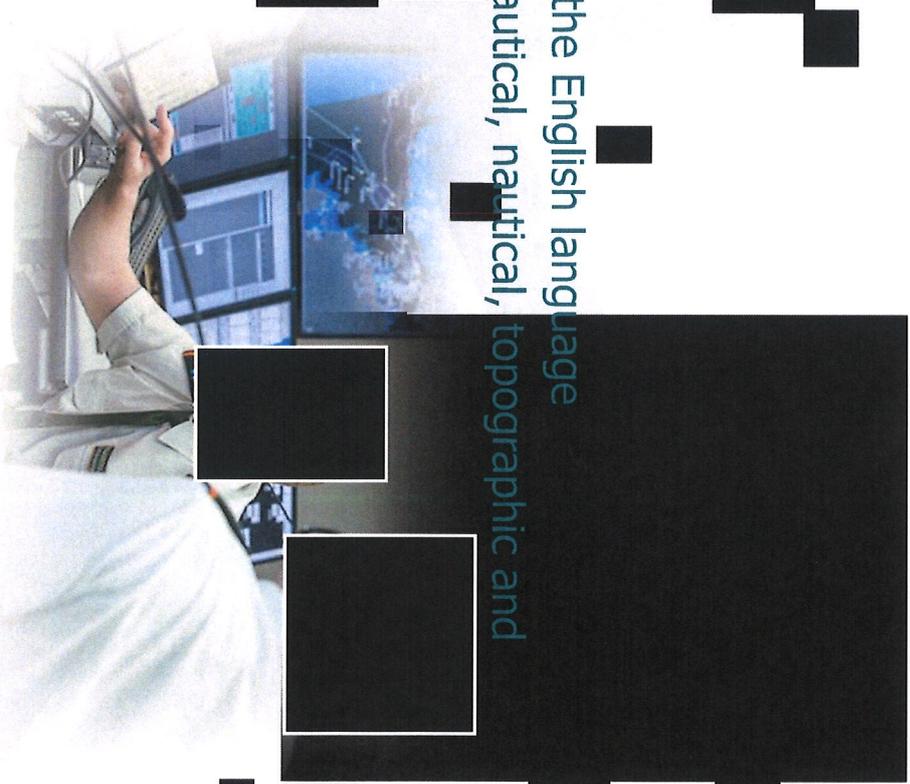
- Rescue coordination centres



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- Facilities and equipment
 - Required:
 - 24-hour availability
 - Trained persons
 - Persons with a working knowledge of the English language
 - Charts which apply to the SRR (aeronautical, nautical, hydrographic)
 - Means of plotting
 - Ability to receive distress alerts,
 - Immediate communications with:
 - associated ATS units
 - associated RSCs
 - Plans of operation

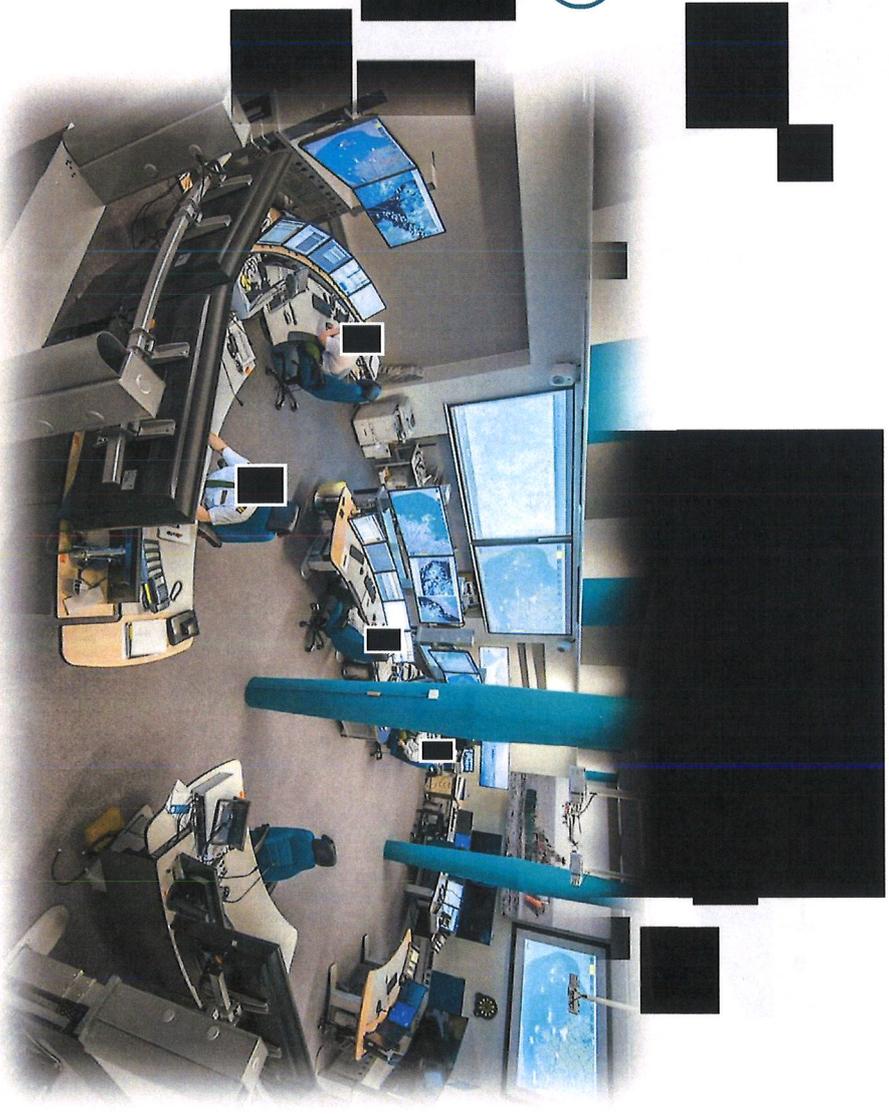
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- Staffing
 - RCC chief
 - RCC staff
- SAR mission coordinator (SMC)

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- Training, qualification, and certification
- Plans of operation
 - requirements of manuals
 - emergency scenarios
 - reviewed and updated
 - quick and easy to use

sensitive operational information

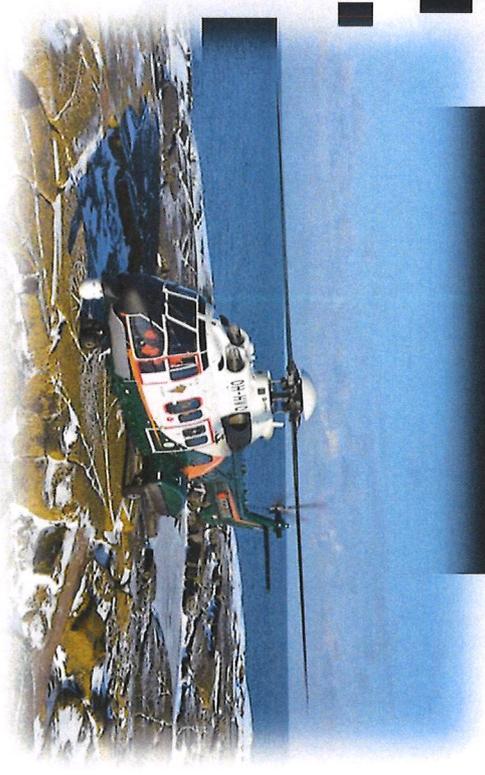
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- Search and rescue regions
- SAR facilities
 - providing assistance
 - conducting a search
 - delivering supplies
 - rescuing survivors
 - providing needs of survivors
 - a place of safety



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- SAR facilities
 - Designated search and rescue units
 - Medical advice and medical assistance
- On-scene coordinator (OSC) and aircraft coordinator (ACO) joint training
 - Aircraft coordinator (ACO) joint training



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- Support facilities





RÄJAVARTIOLÄITOS
GRÄNSBEVAKNINGSVÄSENDET
THE FINNISH BORDER GUARD

