



KYSTVERKET

Joint oil spill response exercise

Introduction to the joint oil spill response exercise in Bergen June 2006.

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Norwegian Coastal Administration – Department for emergency response



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Norwegian Coastal Administration

Authority under The Ministry for Fisheries and Coastal Affairs

Our vision is *"to make our coast and waters the safest and purest in the world"*

Main tasks:

- Piloting services
- Navigational Aids
- Vessel Traffic Services (VTS)
- Acute pollution – at sea and onshore
- Transport-planning related to ports and fairways
- Exercise authority in accordance with The Norwegian Pilot Act, The Harbour Act and The Pollution Control Act



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Department for Emergency Response

Main tasks:

- **Direct governmental oil spill response operations**
- **Co-ordinate the national contingency**
- **Give advice to the responsible party during operations**
- **Manage governmental oil spill response equipment**
- **Exercises and training of personnel**
- **Aerial surveillance**
- **Continuously reviewing the preparedness (risk based)**
- **International agreements**



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Private industry responsibility

- **Respond to their own pollution**
- **Assist municipal or governmental response operations**
- **Establish a preparedness towards their own risk for pollution**
- **Main sectors (enhanced demands)**
 - Offshore oil and gas industry
 - Crude oil terminals and refineries
 - Major industrial companies
- **NCA regulatory agency during incidents (SFT for preparedness)**
- **Spills from vessels is still a governmental responsibility**



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Municipal responsibility

- **Respond to any pollution not dealt with by the polluter**
- **Assist governmental response operations (by law) - organize shoreline and near shore clean up operations (as “OSC”)**
 - Private by agreements
- **Establish preparedness to minor spills due to normal activity**
 - E.g. Harbours, roads, trains
 - By fire departments, harbour authorities etc.
 - Risk based approach
- **34 inter-municipal regions**
 - Each with their own approved contingency plan



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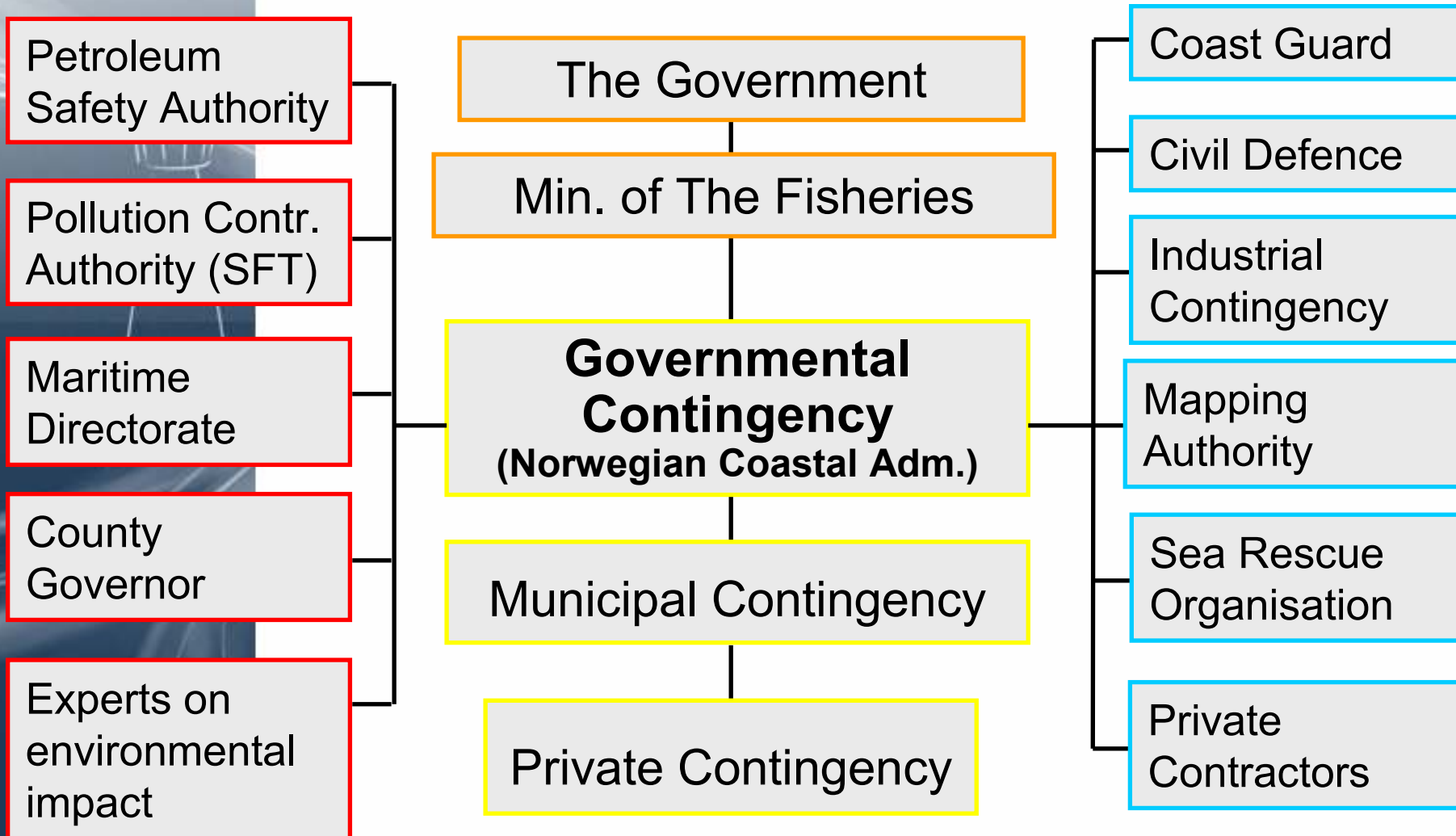
Governmental responsibility

- Take command of the response operations in the event of major incidents
- Assist municipalities and private industry with equipment
- Establish preparedness to major oil spills not covered by private and municipal preparedness
 - Oil spills from maritime traffic
- Supervise private and municipal response operations.



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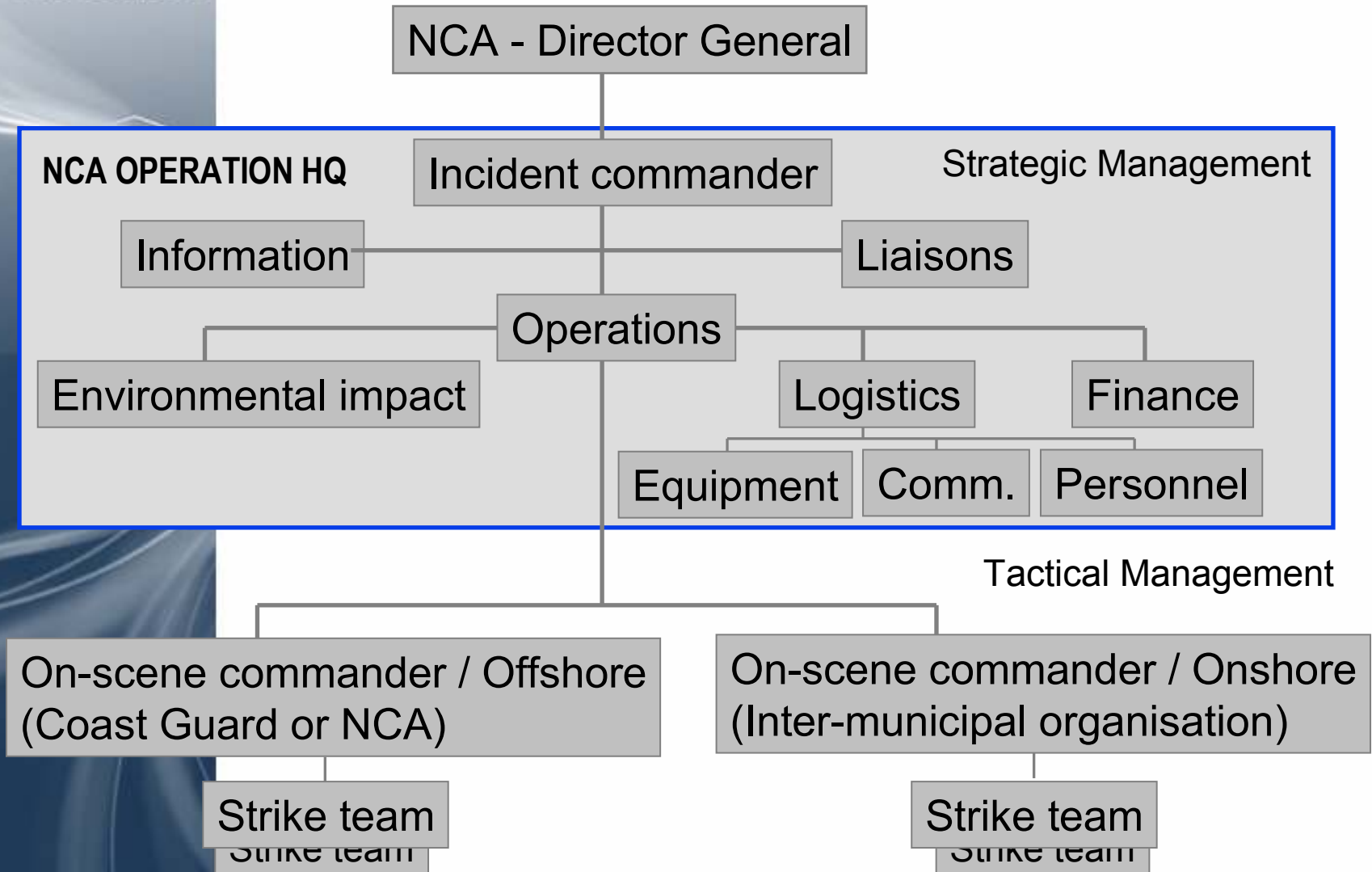
Actors in the national preparedness





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Organisational Plan - spill response





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Total equipment available to NCA

- **15 Governmental depots and 10 supplementary depots containing a total of:**
 - **43 000 metres of oil boom,**
 - **125 oil recovery devices,**
 - **boats, beach cleaning equipment etc.,**
- **4 NCA Oil Recovery Vessels**
- **1 (2) Emergency Towing Vessel**
- **1 Surveillance Aircraft**
- **8 Coast Guard Vessels with oil booms, skimmers and offloading cap.**
- **Agreements with e.g. private contractors and oil industry**



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Background for joint exercise

- **Response operations on the approaches to refineries/ oil terminals outside Bergen**
- **Governmental responsibility**
 - **Local authorities (IUA Bergen) or industry response on behalf of government (until NCA takes over)**
- **Demonstrating cooperation**
 - **Between Norwegian Coastal Administration, IUA Bergen, Statoil Mongstad and Hydro Sture**



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Joint exercise "Bergen 2006"

Exercise objectives

- **Give participants opportunity to:**
 - **Test own contingency plans,**
 - **Test established working routines,**
 - **Participate in large spill response operation managed by NCA**
 - **establishment/ initial tasks**
 - **cooperation and orders to take action**
 - **allocation of resources**
 - **communication and reporting**



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Participants in exercise

- **Participating organisations**
 - IUA Bergen, Statoil, Hydro, NOFO and NCA including the Norwegian coast guard
- **Vessels**
 - NCA and Coast guard
 - NOFO
 - Other spill response vessels
- **In all approx. 25 vessels**
- **Shoreline cleanup-teams**
 - From IUA Bergen and NCA task force
 - In all approx. 50 persons
- **Joint incident command in Bergen**



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Samordning av store oljevernaksjoner som ledes av staten ved Kystverket

(Nivå 4)

Kystdirektøren

Aksjonsleder
(Beredskapsdirektøren)

Juridisk
Informasjon
Økonomi

Rådgivere:
Direktoratet
Distriktet
Sjøfartsdir.
Andre

Operasjon
Sekretariat / Logg

Logistikk

Miljø/virkning

Ikke berørte kommuner yter bistand i henhold til b-plan

IUA BERGEN REGION

REGIONAL LEDER

Info.
Økonomi

OPERASJON
Logg / Sekretariat

Rådgivere:
-Kystverket
-Fy.Miljøavd.
-NOFO

Miljø / virkning.
Ressurs / Logistikk

Skadesteds-leder sjø
-Statoil Mongstad
-Hydro Sture
(KyV, Kystvakt,NOFO)

Leder Nødlossing

KOMMUNE
Innsatsleder

SKL-kyst/strand
Koordinerer arbeidet i skadeområdene.

KOMMUNE
Innsatsleder



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Samordningsplan for Bergen region vedlegg nr. 1

PERSONELLMESIG SAMMENSETING AV KyV AKSJONSORGANISASJON VED SAMORDNEDE OLJEVERNAKSJONER.

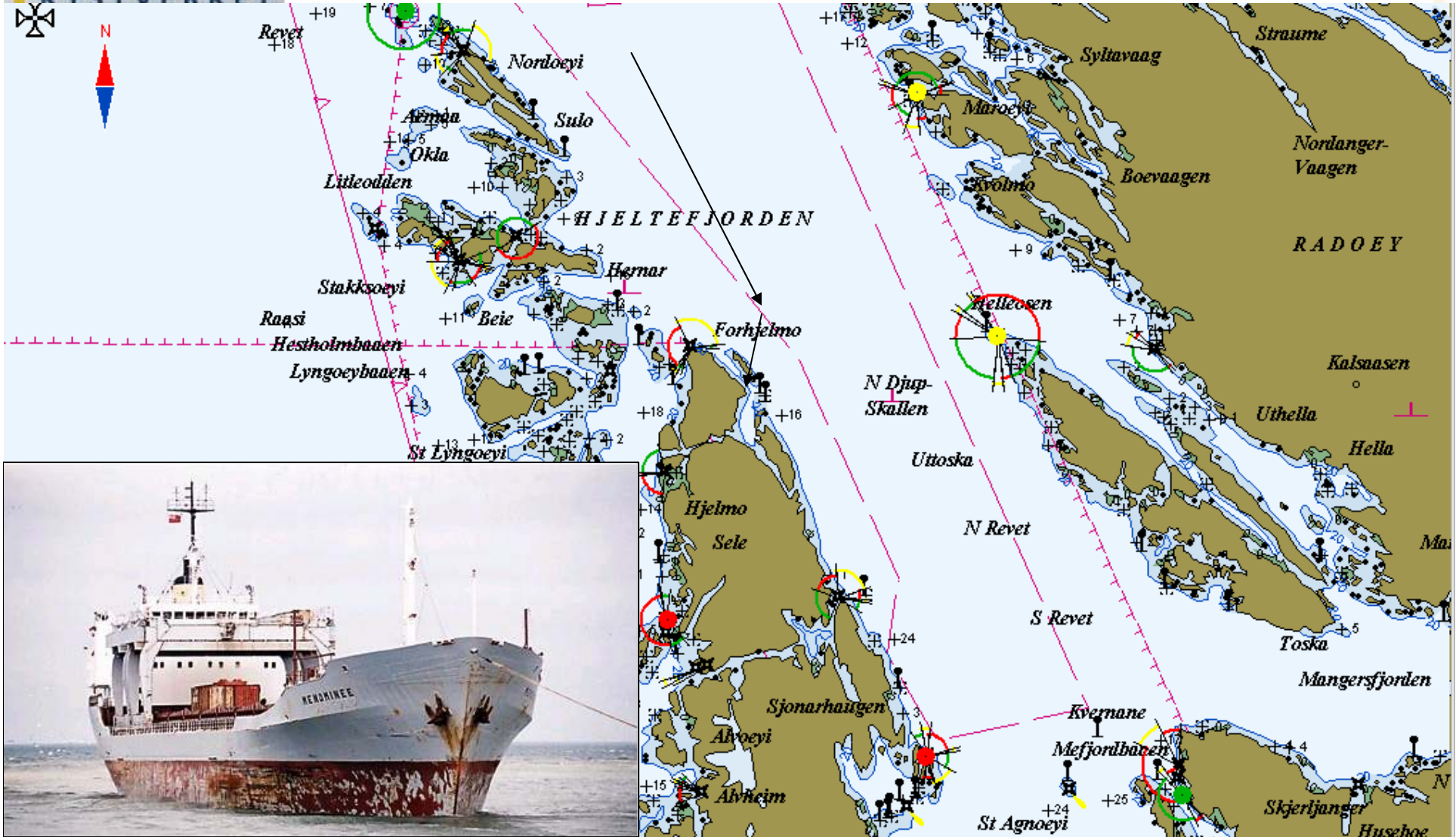
Det forutsettes at personell fra partene er oppført i beredskapsplanen for den funksjon vedkommende skal ha i KyV aksjonsorganisasjon. Ved langvarige aksjoner forutsettes organisasjonen å drive døgntinuerlig, med vaktlagsperioder på 12 timer. Det medfører at vaktlag i henhold til følgende oppsett må etableres.

FUNKSJONER	Kystverket	IUA-Bergen	Statoil	Hydro	
AKSJONSLEDELSE	2 pers.				2 pers.
OPERASJON	2 "		1 "	1 pers	4 "
MILJØ/VIRKNING	2 "		1 "	1 "	4 "
RESSURS/LOGIST.	2 "	1 pers.	1 "	1 "	5 "
INFORMASJON	2 "				2 "
ØK.KOORD	1 "				1 "
LOGG/SKRET.	2 "		1 "		3 "
RÅDGIVERE	2 "	1 (2)	2 "		5 (6) "
SKL-SJØ	1 "		1 "	1 "	3 "



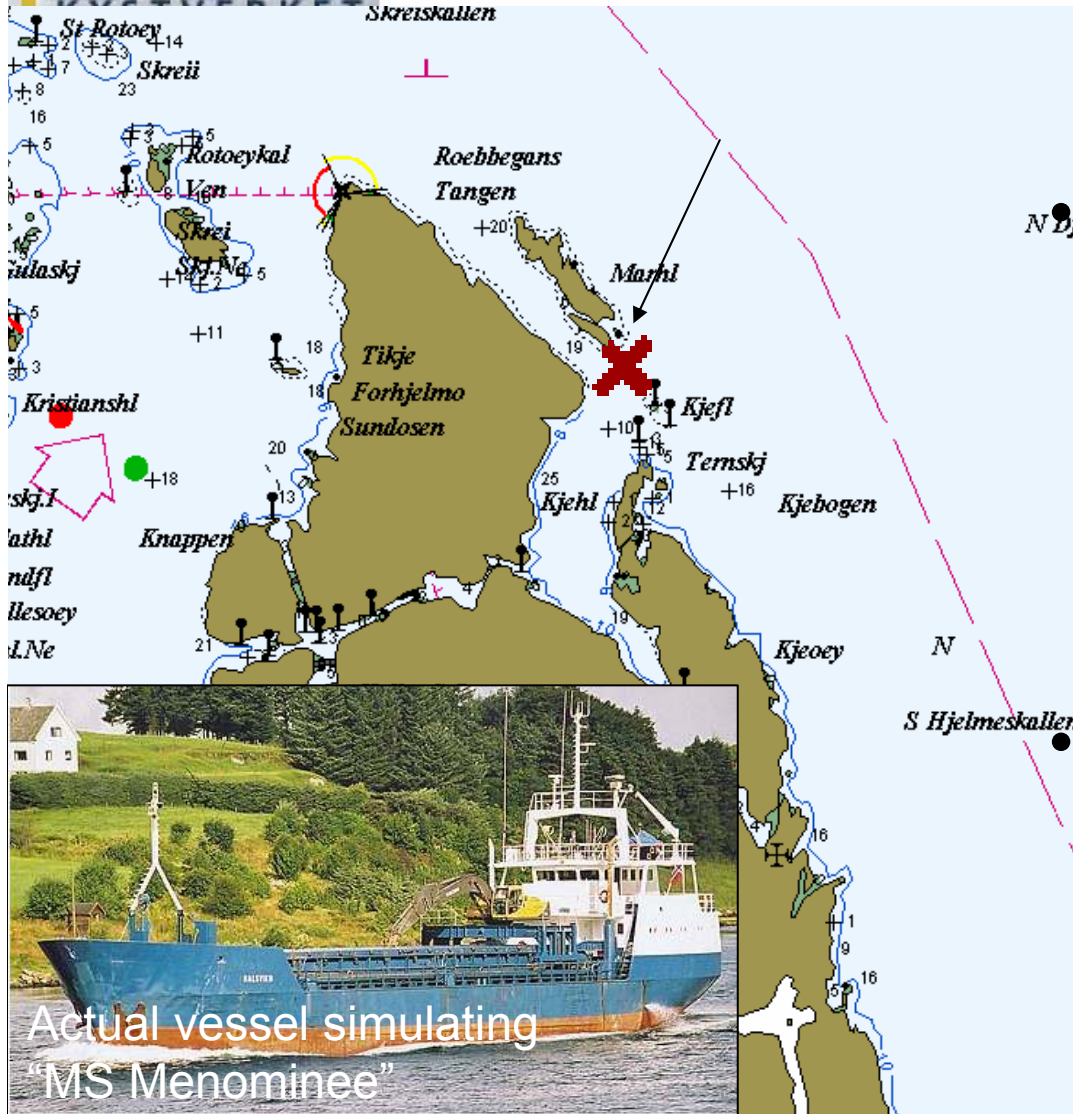
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Incident area and vessel



Norwegian Coastal Administration - Department for Emergency Response

Scenario



- M/S "Menominee" 12497 DWT en route from Rotterdam to CCB (Ågotnes) with 2000 pipes.

Vessel report to Fedje VTS at 0830 that they have grounded at "Marholmen"

- Pos. N 60 ° 40,4'
- Pos. E 004° 58,6'

Oil and bunker

- The vessel has 960 m³ of IFO 180 and 130 m³ of diesel and lubricants



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Thank you for the attention
- Best wishes for tomorrow -

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