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NORWEGIAN COASTAL ADMINISTRATION

*Norwegian oil spill response – are we
prepared?
Organization, training and exercises*

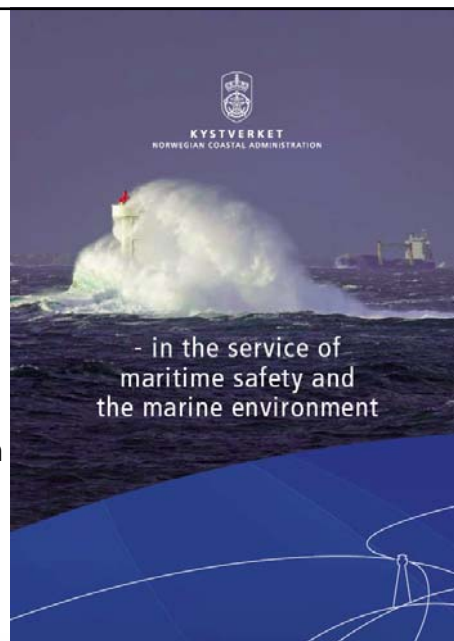
Senior Adviser Ole Kristian Bjerkemo

Outline

- Geography, weather and climate
- Legal basis for the Norwegian Oil Spill Response
- Background and responsibility of NCA
- OSR in Norway – operations and cooperation
- How to be prepared for the next incident?
- Improvement of the preparedness
- Conclusions



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Geographical area of responsibility

- Territorial Norway
 - Inland and territorial waters to 12 nm
- Economic Zone
 - 200 nm/ border limits
- Svalbard and Bear Island
 - 200 nm Fisheries protection zone
- Jan Mayen
 - 200 nm Fisheries protection zone



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Legal basis for the preparedness

The Pollution Control Act (1981)

Main principles - acute pollution:

- "Polluter pays".
- Obligation to notify.
- Emergency response system.
- Contingency planning requirements.
- Obligation to respond.
- Obligation to provide assistance.
- Obligation to provide information.



Regulations relating to health, environment and safety in the petroleum activities



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The three pillars of the Norwegian spill response

- **Private industry preparedness – offshore oil industry**
 - Climate and Pollution Agency (Klif) is the regulatory agency for the preparedness
 - Operating companies are responsible for the activity
 - NOFO (Norwegian Clean Seas Organisation for Operating Companies) provide the spill response resources.
- **Municipal preparedness**
 - In each municipality
 - Organised into 34 intermunicipal preparedness regions
- **Governmental preparedness**
 - Norwegian Coastal Administration are the responsible authority for Governmental preparedness.



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Norwegian Coastal Administration (NCA)

- Authority under The Ministry for Fisheries and Coastal Affairs.
- Main tasks:
 - Piloting and Vessel Traffic Services (VTS)
 - Navigational Aids
 - Construct, improve and maintain coastal channels and fishing harbours, transport-planning activities
 - Acute pollution – at sea and onshore
 - Manage governmental oil spill response – primarily spills from vessels and wrecks
 - Co-ordinate the national contingency
 - Regulatory authority for industry and municipal oil spill response operations



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NCA's Emergency Response against Acute Pollution

- A 24-hour response for:
 - recording, assisting and monitoring polluters' handling of acute pollution within the scope of the Pollution Control Act
 - follow up illegal spills together with other authorities and the police
- Mobilize the Governmental Emergency response and establish incident command

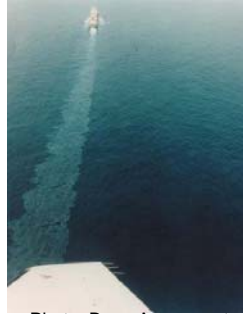


Photo: Bonn Agreement



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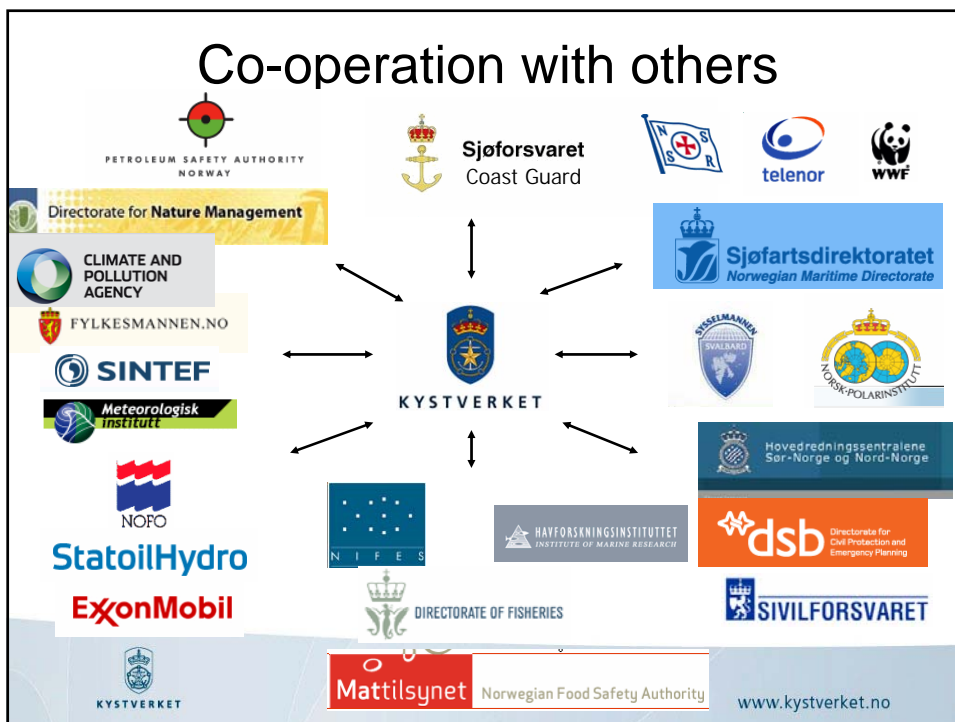
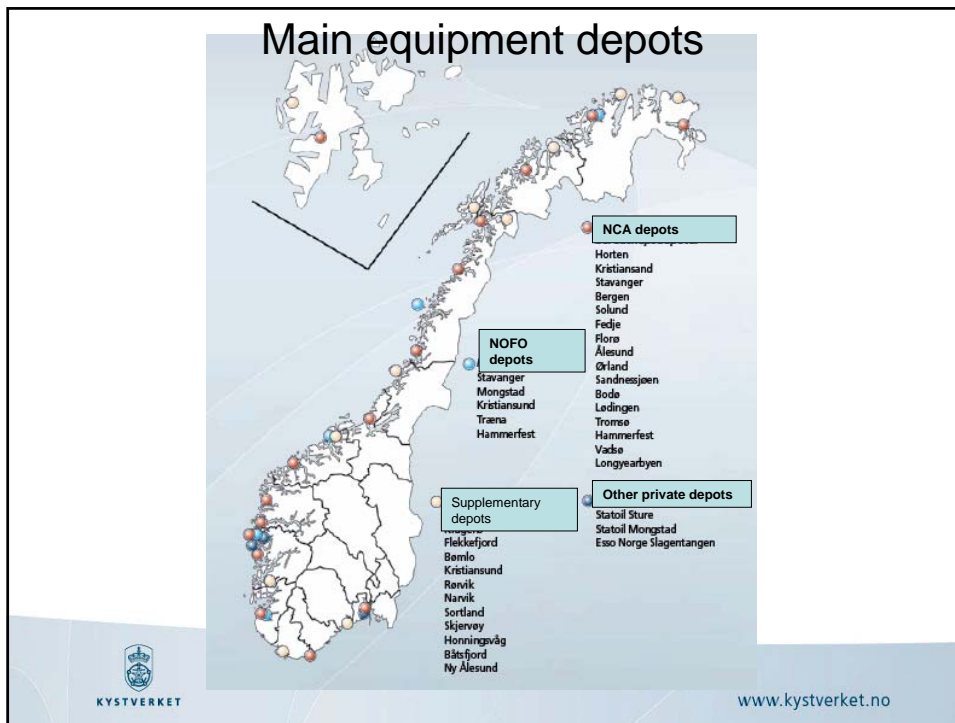
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Total NCA equipment available

- 16 main depots and 10 supplementary depots containing a total of:
 - 45 000 metres of oil boom,
 - 140 oil recovery devices,
 - boats, beach cleaning equipment etc.,
- 4 NCA Oil Recovery Vessels
- 4 Emergency Towing Vessel + Coast Guard vessels
- 1 Surveillance Aircraft
- 8 Coast Guard Vessels with oil booms and skimmers and pumping systems (12 in 2010)
- Agreements with e.g. private contractors and oil industry (offshore and refineries)



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How can we be prepared?

Large exercises

January 2010							Februar 2010							Mars 2010																																																					
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April 2010							Mai 2010							Juni 2010																			
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Juli 2010							August 2010							September 2010																				
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Oktober 2010							November 2010							Desember 2010																					
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42	18					21	22	23	24	47	22					26	27	28	52	20	21	22	23	24	25	26									
43	25					28	29	30	31	48	29																								



12. Januar 2010

Se neste side for detaljer

Øvelse Bergen		Uke 24
Øvelse Nordisk		Uke 38 (Sverige)
Øvelse Barents uke 23		
Olje på vann		uke 23

Training for depots

01 Horten	uke 20	Uke ---
02 Kristiansand	uke 38	Uke 45
03 Stavanger	uke 12	Uke 45
04 Bergen	uke 24	Uke 49
15 Solund	uke 15	Uke 47
16 Fedje	uke 15	Uke 47
14 Florø	uke 37	Uke 05
05 Ålesund	uke 15	Uke 05
06 Ørfand	uke 36	Uke 10
07 Sandnessjøen	uke 15	Uke 40
08 Bodo	uke 36	Uke 07
09 Ledingen	uke 18	Uke 45
10 Tromsø	uke 18	Uke 04
11 Hammerfest	uke 41	Uke 06
12 Vadse	uke 23	Uke 43

Municipalities	Courses
Inntrøndelag	uke 06 SKL Sje uke 46
Svalbard	uke 08 AKL uke 47+48
Sør-Trøndelag	uke 09 IJAseminar uke 44
Sunnmøre	uke 11 IJA - representant strandsegrupper uke 41
Midt-Finnmark	uke 12 NOFO-spesteam til Horten ? uke 35?
Vest-Agder	uke 16
Østerdalen	uke 18
Buskerud	uke 35
Østfold	uke 42
Sør-Troms	uke 42
Ofoten	uke 48

Training and exercises (1)

- "ØDS" ("Depot Exercise")
- Several larger full scale exercises
- Joint Governmental and Industry exercises




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Training and exercises (2)

- Oil spill response is part of CG officers basic training (one week of special coast guard course)
- Follow up training for dedicated OSC
- Initial training when vessel is equipped and enters service as oil spill response vessel
- Towing exercises for ETV's



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Petrozavodsk –
Bear Island –
Barents Sea
May 2009



