



FULL CITY BIRD REHAB LANGESUND - NORWAY 31.JULY – 11.SEPT. 2009



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Conservation of Nature



Full City



09 05:13:41 (+0,0 hrs) Dir=49 Lat=N58 57' 49,53" Lon=E009 43' 12,05" Alt=807ft MSL WGS 1984



WHERE WAS NORWAY BEFORE FULL CITY?

- Rocknes 2004
- Glomma 2006
- Server 2007

NOW

- Response package from Norwegian Society for the conservation of Nature
- Personell trained by IBRRC



Full City

The bulk cargo carrier "Full City" grounded July 31st at 00:23 local time close to the town of Langesund in Telemark, Norway

The 15 878 BT Panama-flagged bulk carrier "MV Full City" has a length of 167 meters and had a Chinese crew of 23. It is operated by the Hong-Kong based "Cosco" shipping company



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The spill:

MV "Full City" had an estimated 1000 tons of heavy bunker oil (IF 180) and approximately 120 tons of marine diesel oil on board and was in ballast condition when grounding.

A considerable amount of oil has spilled from the vessel, and pollution has been observed in the area from Stavanger to Grimstad (about 150km).

The Norwegian Coastal Authority has allocated a total of approximately 20km of oil containment booms.

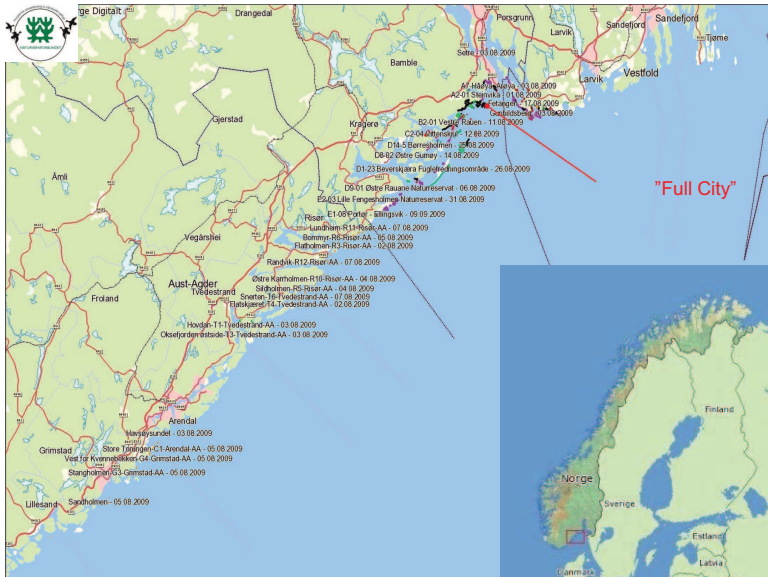
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Oil



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Wildlife impact





Wildlife impact



INTERNATIONAL RESPONSE TEAM

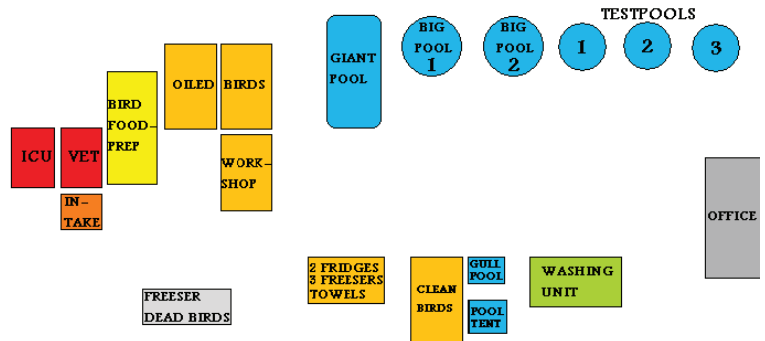


OILED WILDLIFE RESPONSE INTEGRATED

- NOW mobilised before we got any funding.
- The government fully integrated us into the response.
- We were out of the response after one day.
- Negotiations about funding for birdrehab started.
- The Directorate for Nature Management gave us all we asked for and more.
- Wildlife authorities worked with us catching birds.



MAP OF THE REHAB FACILITY





OVERVIEW OF THE REHAB FACILITY



HOLDING 1



INTAKE, ICU, VET.



WASH/RINSE AREA





HOLDING 2



FOOD PREPARATION



POOL AREA



WORKSHOP/OFFICE





EQUIPMENT/STORAGE



OILED BIRDS IN CARE

(Numbers are not confirmed)

Live on arrival:	Died	Released	Dead birds
Great comorant 5	In ICU 2	Great comorant 3	Shot by the authorities 20
European Shag 2	Herring Gull 2	Muteswan 1	Collected by the authorities 14
Black Gulliemot 1	Great comorant 2	Elder duck 85	Collected by NOF 60
Muteswan 1	Elder duck 22	Common scooter 2	Collected by the public 5
Elder duck 158	Common Shelduck 1	Herring Gull 4	Total 59
Common scooter 3	Great lackbacked Gull 1	Common gull 1	
Common Shelduck 1	Sparrow hawk 1		
Grey goose 1			
Great blackbacked Gull 1			
Herring Gull 6	In Holding Area		
Common gull 1	European Shag 1		
Black headed gull 1	Elder duck 33		
Sparrow hawk 1	Grey goose 1		
Total 182			
	In Pool Area		
	Great comorant 2		
	European Shag 1		
	Black Gulliemot 1		
	Elder duck 15		
	Common scooter 1		
	Herring Gull 1		
	Black headed gull 1		
	Total 86		

Survival: 53%

3-5000 birds died in the spill (estimated)



EQUIPMENT/STORAGE



WEAKNESS

- 201 birds shot in the first days
- Lack of knowledge amongst the public and athrowities in the beginning.
- Not enough trained personell in Norway
- Organisation
- Safety for all personell
- To much handling of birds
- Difficult to fence off area
- Volonteurs
- Lack of respect for chain of command
- Private contractors expecting huge fees
- Waste disposal



LESSENS LEARNT



PREPARING FOR THE NEXT SPILL

- ▶ Norway has a coastline of 83.281 km.
- ▶ We have remote places with no people, no proper roads, and extreme weather conditions.
- ▶ We have had four oilspills in the last five years.

"Full City" is not the last!



STRENGTHS

- ▶ Norwegian Society for the conservation of Nature response package
- ▶ All the NGO's stood together for the first time in a spill
- ▶ Search and rescue (NOF, SNO & Wildlife authorities)
- ▶ Cooperation and funding from the authorities
- ▶ Sea alarm – international support
- ▶ IBRRC's protocols – Trained personell
- ▶ Volunteers
- ▶ Norwegian Society for the conservation of Nature's sponsors turned up with equipment in lorries
- ▶ We already had most of the contacts and information on were to get the equipment we needed.
- ▶ The Sivil Forces's cemical warfare unit for cleaning personell, their personell, tents, pumps and hoses



PREPARING FOR THE NEXT SPILL

- ▶ Equipment ready for handeling 200 birds already in place and can easely be expanded
- ▶ Responsepackage stored in Zarges boxes and container for easy imediate transport
- ▶ Weels in motion to get funding for training more key personell
- ▶ Adapting all protocols and making them available for all on the internet
- ▶ Training sessions for personell will be organized
- ▶ Clear guidelines for what responders can expect to do and be compansated for during a spill
- ▶ Working with the autoroties to get animal rehabilitation in as part of the official responce





PREPARING FOR THE NEXT SPILL



PARTICIPATING ORGANISATIONS



PREPARING FOR THE NEXT SPILL



SPONSORS





FUTHER READING

NGO's	
NOW	http://www.oiledwildlife.no/
Norges Naturvernforbund	http://naturvernforbundet.no/forurensing/
NOF	http://www.birdlife.no/sok/?q=full+city
Authorities	
Kystverket	http://www.kystverket.no/
IUA Telemark	http://www.fullcity.no/nor/IUA-Telemark
International	
EMPOWER	http://www.oiledwildlife.eu/
Sea alarm	http://www.sea-alarm.org/

