



# Existing capabilities for “marine pollution and search & rescue” within the IBI-ROOS area

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## Results of the survey on the 16th February 2011

Compilation of answers collected on

<http://www.meteorologie.eu.org/mothy/ibi-roos/>

Items :

- name of the agencies and type of support they are able to provide ;
- person to contact in case of an emergency ;
- environmental data needs for oil spill response or planning SAR ;
- list of meteorological and oceanographic data available ;
- drift models available in the IBI-ROOS area ;
- contacted marine pollution emergency or SAR response authorities ;
- contacted supporting services ;
- difficulties encountered and further improvement in the area.

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- 2 agencies do not provide any of these services.
- 1 agency said they could provide a service, but didn't give any details.
- 13 agencies provide services that can support marine pollution or search & rescue operations, and gave details.



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### Number of agencies per country

- Portugal (2)
- Spain (5)
- France (5)
- UK (0)
- Ireland (1)

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The type of support includes:

- ocean observations (9) (currents)
- meteorological observations (7) (winds, waves)
- oil spill observations (3)
- ocean forecasts (10)
- meteorological forecasts (4)
- drift forecasts (8)

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Support is available:

- h24 (3) (MPERSS)
- 07:00-21:00 (2)
- office hours (7)

Delivery: website (images), OpenDap ,  
Thredds Server, ftp, email, sms, (fax)

Various formats : NetCDF, ASCII, GRIB...



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8 agencies operate a drift model for:

- oil (7)
- chemical (2)
- nuclear (0)
- containers (3)
- search & rescue (4)
- unknown (1)

(Oilmap, Oiltrans, Oilobserver, Easy, Mothy, Chemmap, LPTM, Deriva, Hycom)

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Difficulties: inhomogeneous NETCDF,  
representative current, temporal resolution  
of forcing, uncertainties

Expected improvements : model  
improvements (Maretec, IMI)

Follow on:

extend the survey to additional agencies  
(met services, oceanographic centres, drift  
model operators, etc) and link with other  
ROOS's

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