



The Forecasting Committee *PRESTIGE* Incident

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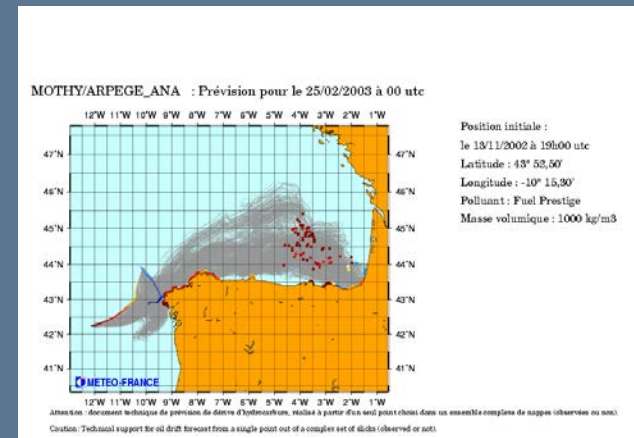
Committee functioning

- 16h+: observations arrival via French Navy, transmission to Météo France, model running
- 17h+: committee members meeting, common synthesis map
- 18h+: synthesis map page-setting
- 19h+: transmission to French Navy Admiralty for approval, distribution with the press release of the day
- The day after: distribution of the map on websites: French Navy (morning) and Cedre (afternoon).

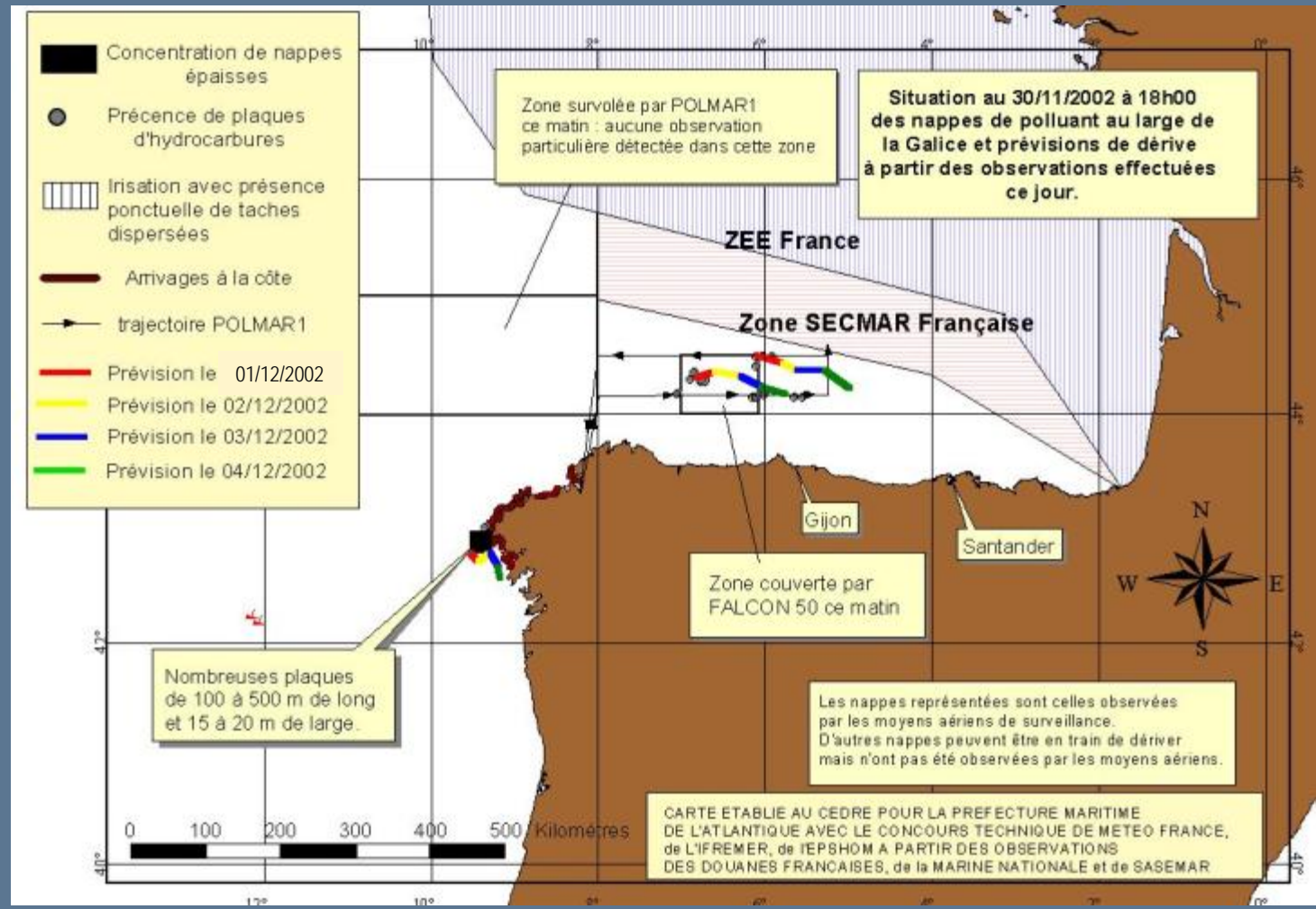
 *Work concentrated between 16h+ and 19h+ Late data not used*

Forces

- Common advice of all the experts, no “If I had been consulted”
- Beside the meetings, experts try to improve their part (e.g. drogued buoys, modelling analysis)
- Forecast limited to 3 days
- A clearer, more comprehensive and faster infographic output



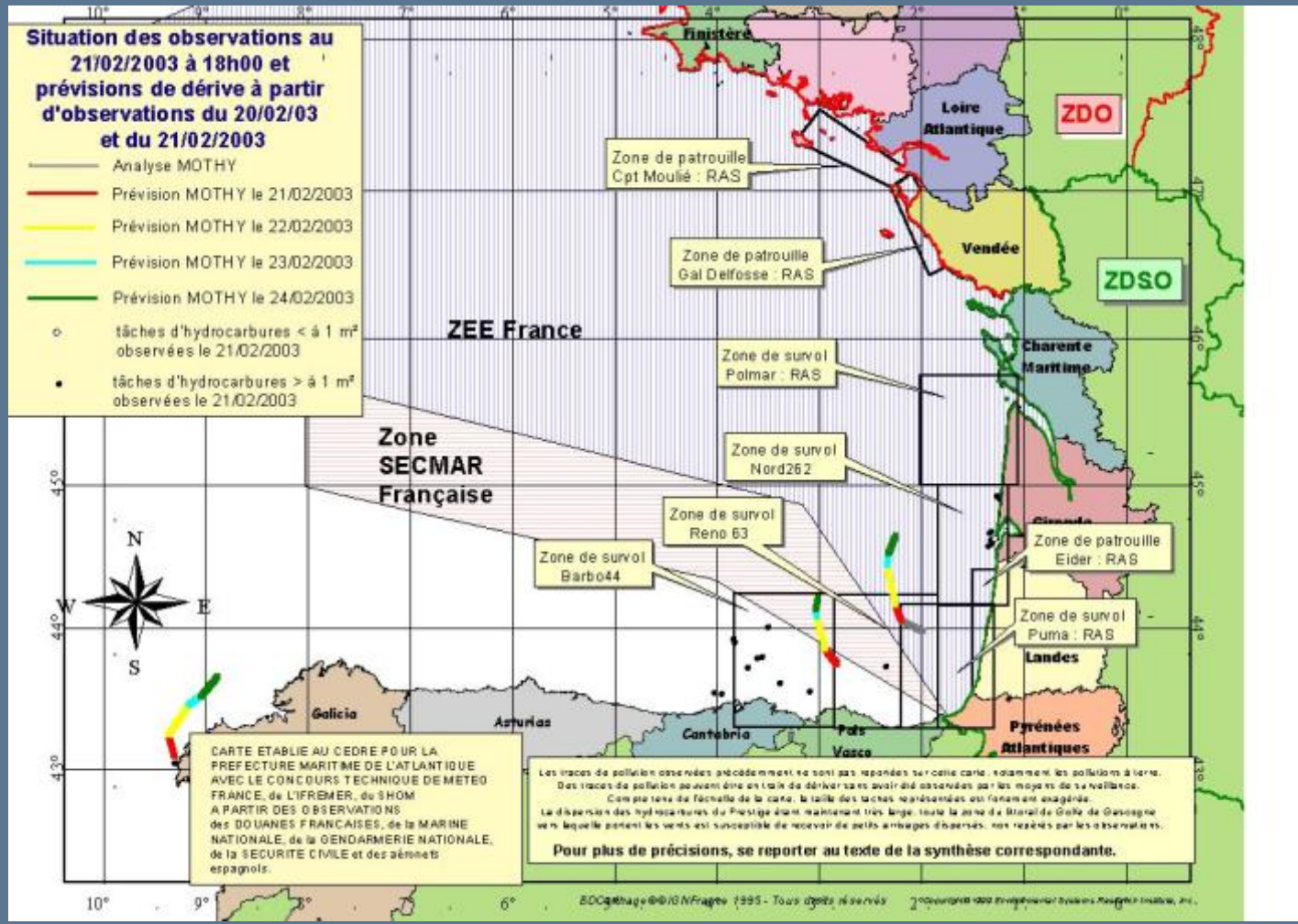
➡ *A better service then during Erika*

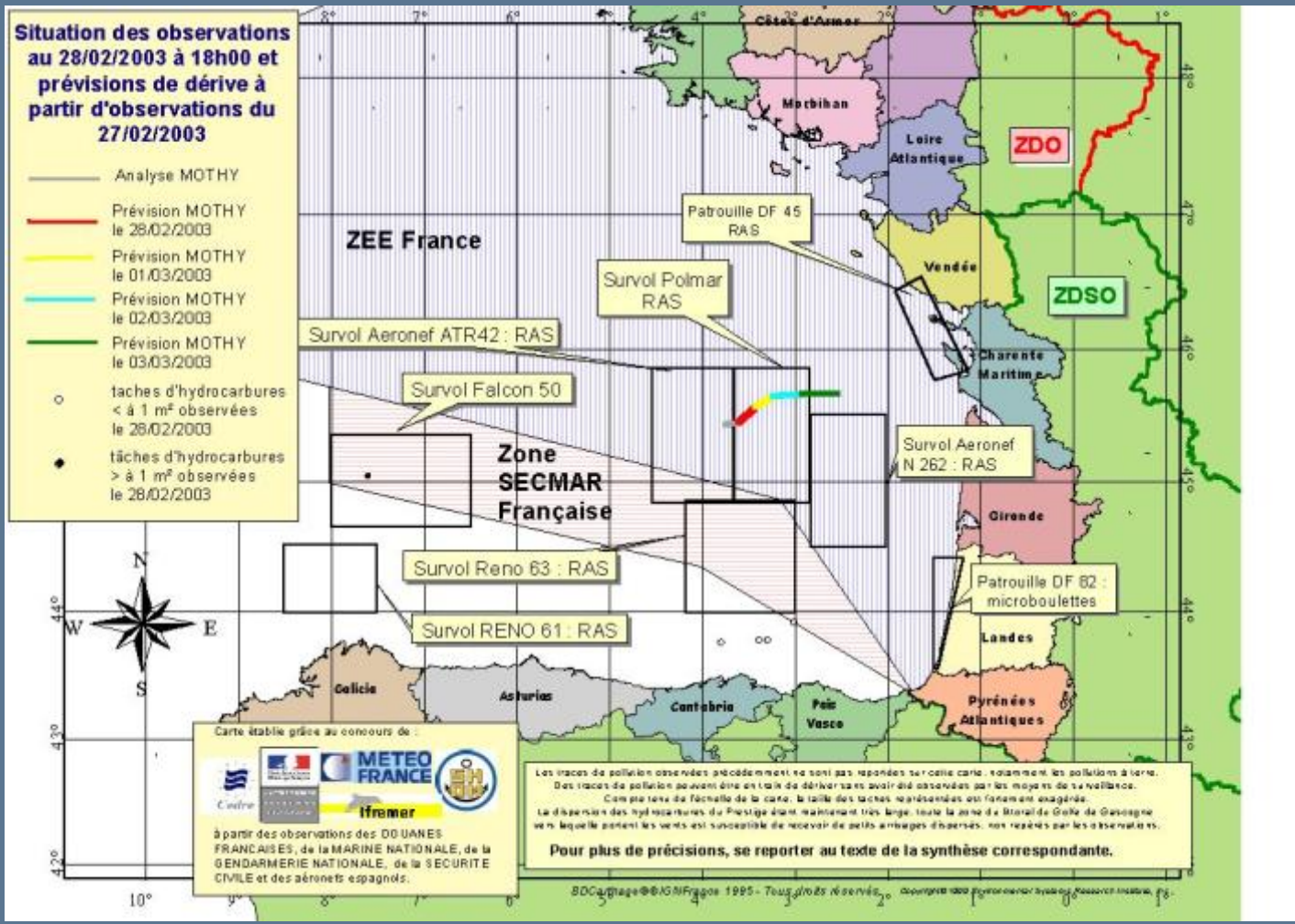




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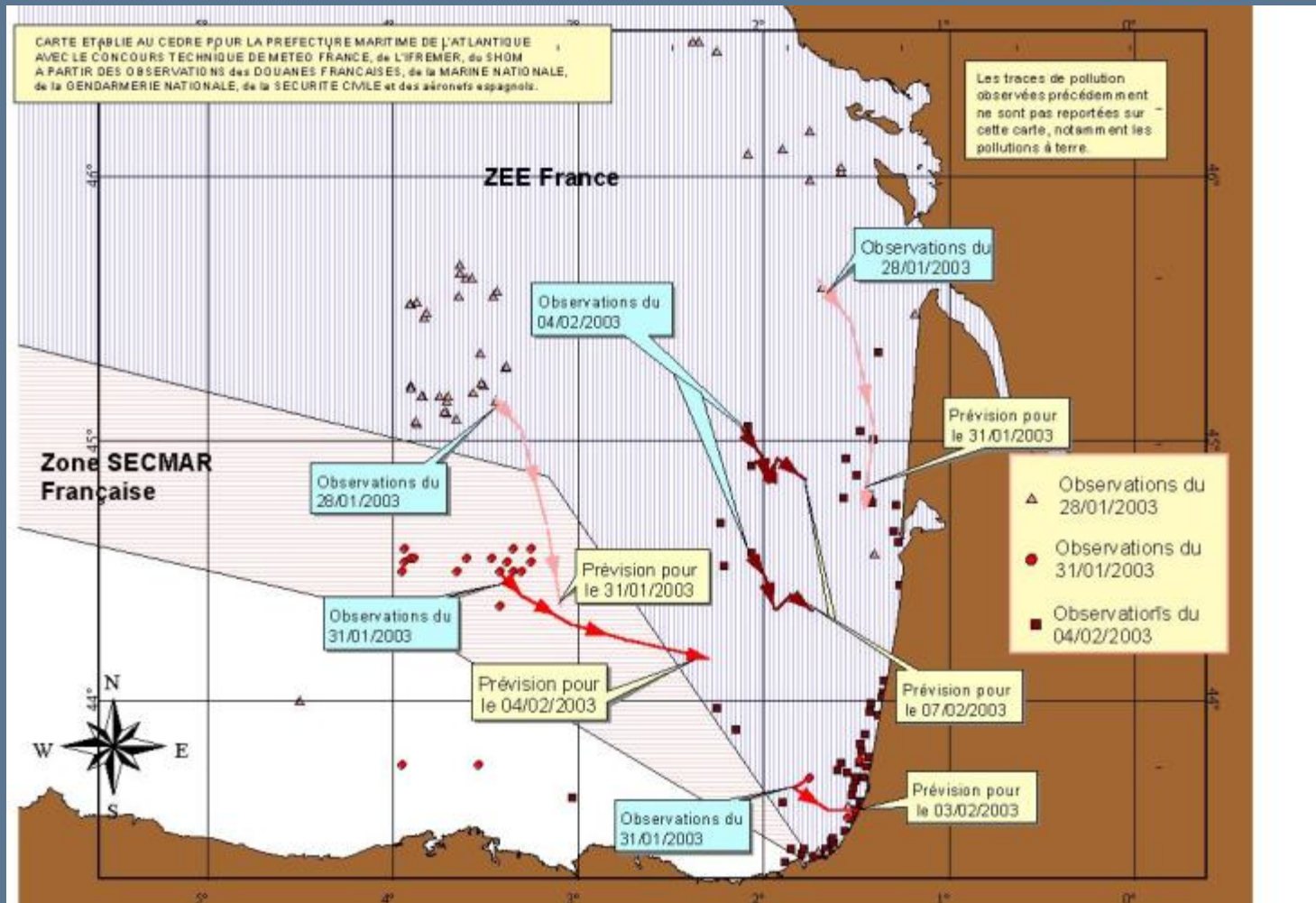








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Incoming Data

Observations

Buoys Data

Météo Forecast MOTHY

Satellite Imagery

Other incoming data...

French Oil Spill Monitoring system

State Action at Sea & Authorities

Recommendations & Advices

Mapping service

Foreign Partners (Sasemar,...)



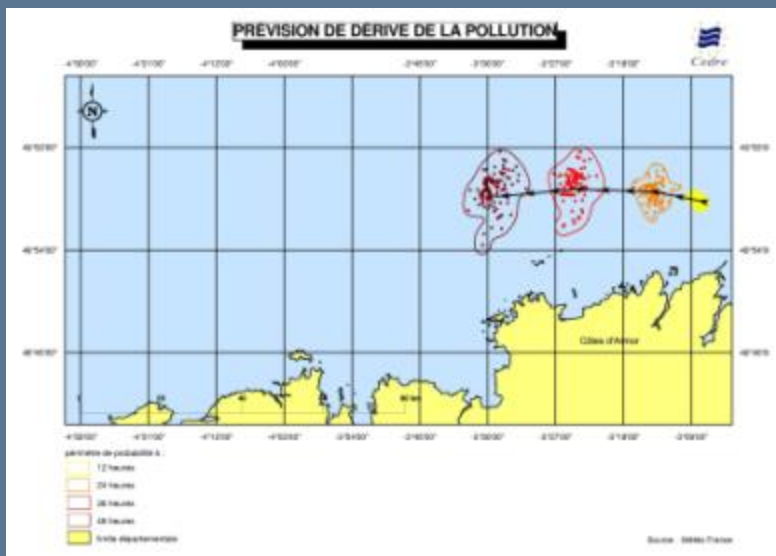
Forecast weaknesses

- Aerial observation to be faster and safer in transmission to Cedre PC
- Lack of knowledge of nearshore seasonal currents ("Navidad" current)
- Questions on low floating pollutant behaviour

 *Considerable room for improvement*

Possible output progress

- Distribution of the output too slow to allow flying team to discuss with forecast experts before the following day's flight
- A perfectible mapping service in terms of content (flight, etc.) and in format



➡ *A better service*

Imagery needs

- Incoming data (aerial vectors, satellites) and imagery transmission (sporadic, continuous)
- Forecasting and geographical visualisation (GIS)
- Essential : confrontation with field reality





Towards a better organisation

- **A permanent operational cell in Brest:**
 - Responsible authority (AEM)
 - Observer
 - Cedre
 - Météo-France
- **Supported by associated experts:**
 - Shom, Ifremer, Ineris,.....

 *Adapted to the situation*



A crossborder dimension

- Not clearly explained in the text of the Secretariat General of the Sea but essential
- Institutional (through bilateral agreements)
- Through scientific relations



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Post-Prestige conclusions

- The progress provided by the committee are undeniable, but:
 - **It is still insufficient:** we were not able to provide the level of precision required by Polmar
 - **Progress areas identified:**
 - knowledge of coastal current
 - strengthening of observations
 - better data transmission
 - permanent crossbordering dialogue
 - improvement of imagery