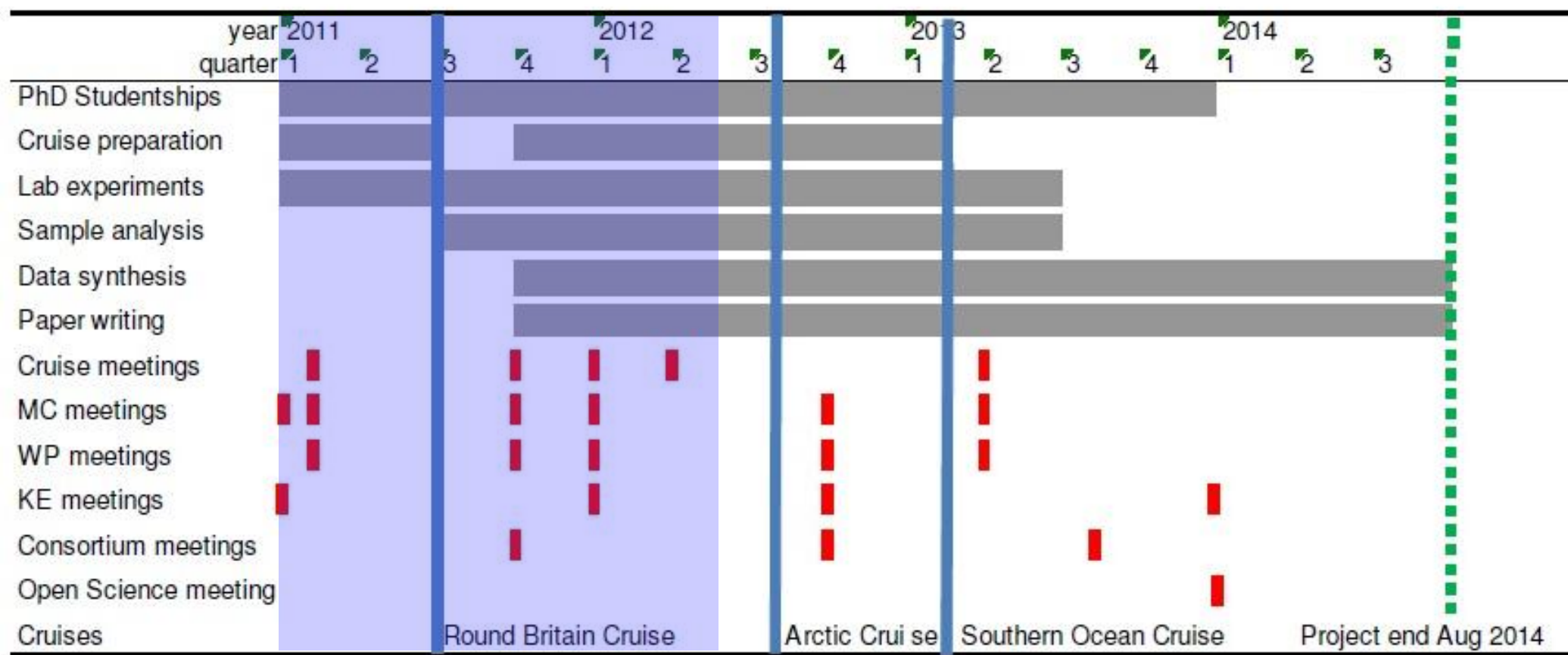




Area B: Consortium studying OA Impacts on the Surface Ocean

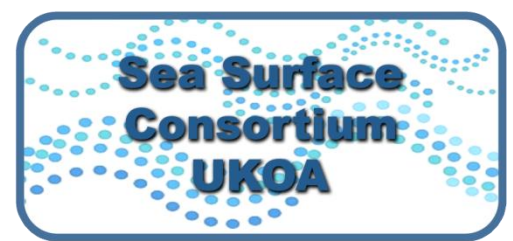


Monterrey conference



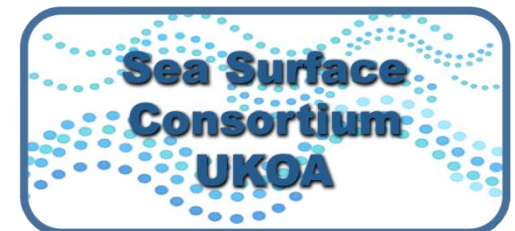
project start ↑ ↑ ↑ ↑ most posts end ↑ synthesis ends

Timeline



Some Events

1. **D366 bioassays interpretation mini-meetings, September 2011 and March 2012 Southampton**
2. **Annual consortium meeting January 2012 Southampton (including post- and pre-cruise meetings)**
3. **Ocean & Earth Day, March 2012 NOCS**
4. **EPOCA final meeting, April 2012 Cap Ferrat**
5. **Pre-cruise meeting, April 2012 Exeter**
6. **Arctic Cruise imminent**



Appointments since Cambridge

1. **Cecilia Ballestreri (PhD), MBA**



2. **Andrea Highfield (PDRA), MBA**



3. **Sophie Richier (PDRA), NOCS**



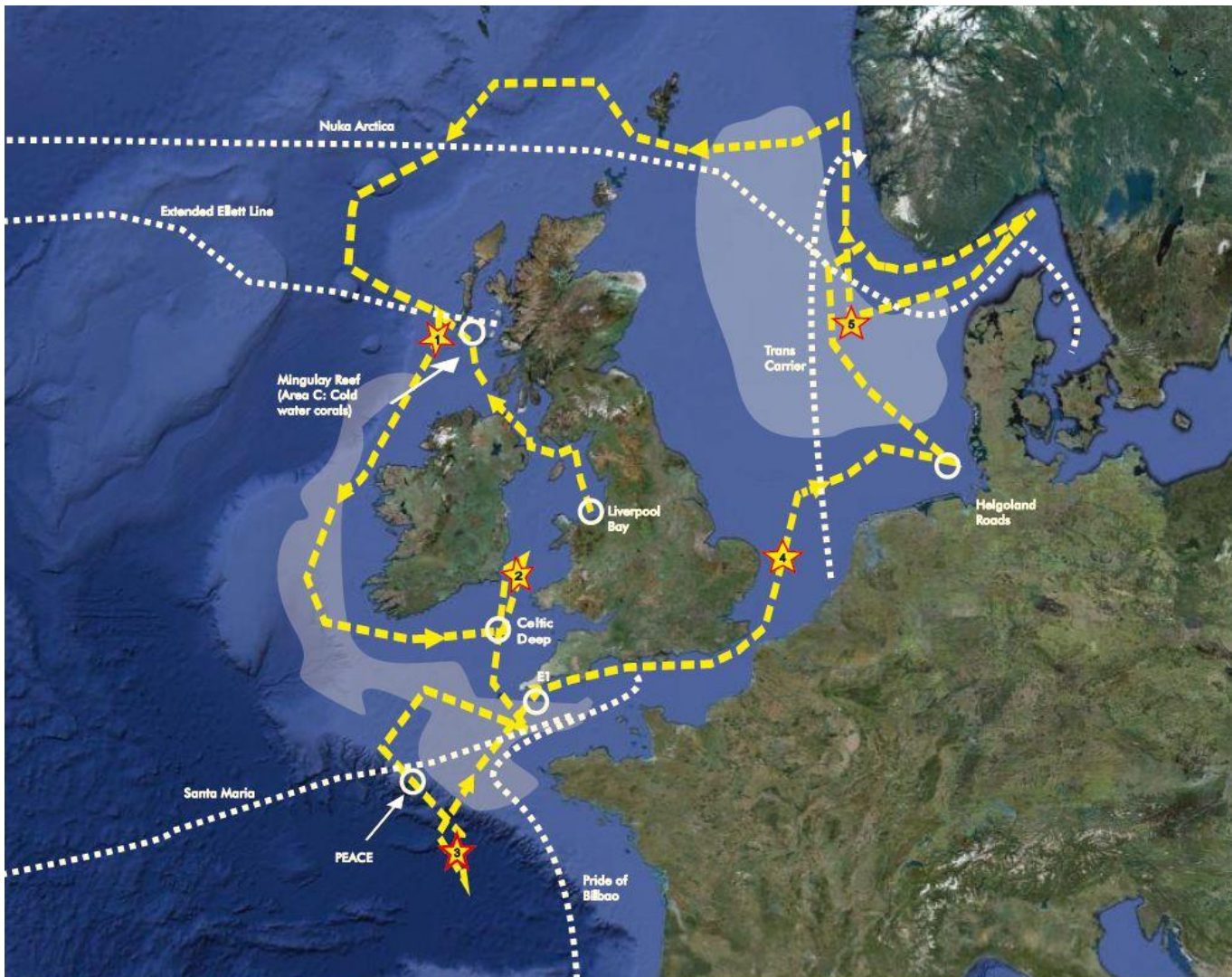
4. **Mariana Ribas Ribas (PDRA), NOCS**



5. **Athena Drakou (Project/KE Officer), NOCS**



First Cruise, D366



PSO: Eric Achterberg

**70 CTD stations
(1500 Niskins)**

320 UW sampling points

1000 FC sampling points

**5 bioassay experiments
(350 bottles)**

**2 tonnes seawater
filtered**



Observational Data

ENVIRONMENTAL VARIABLES

Carbonate chemistry

Macronutrients

Temperature

Salinity

Irradiance

MLD

RESPONSE VARIABLES

Photosynthesis

Calcification

Plankton Community

Nitrification

DMS cycling

N₂O

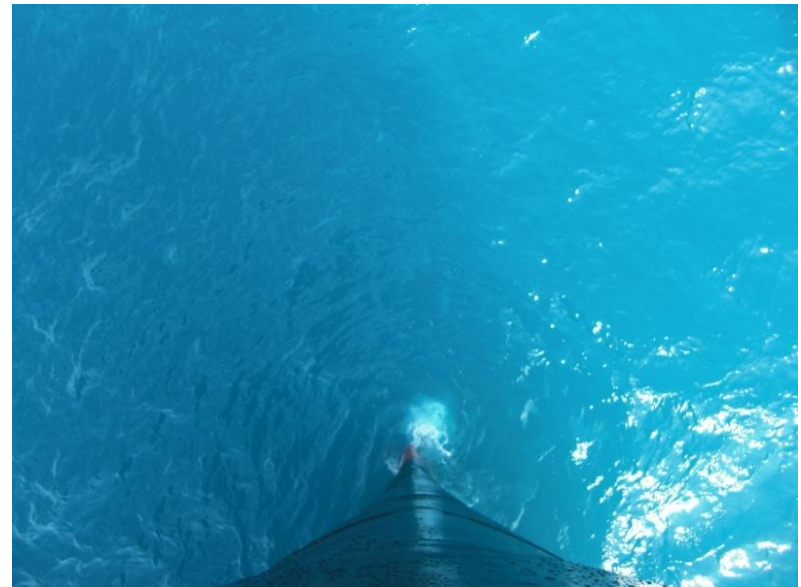
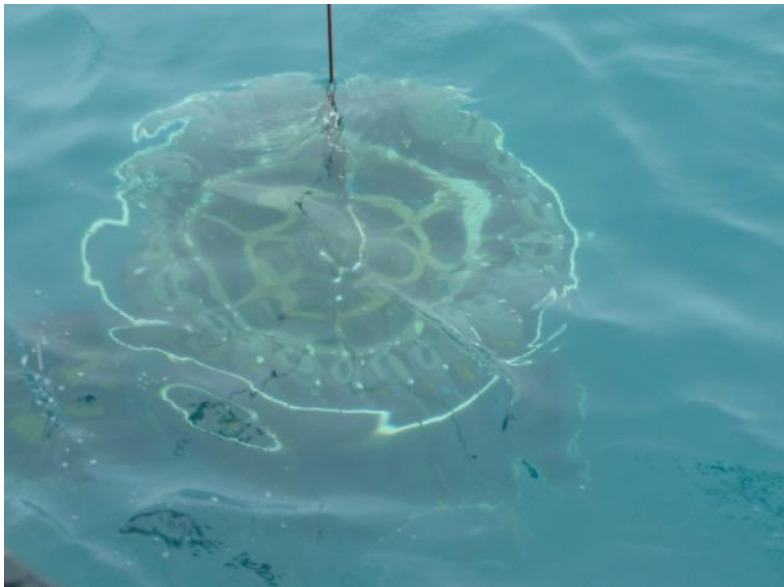
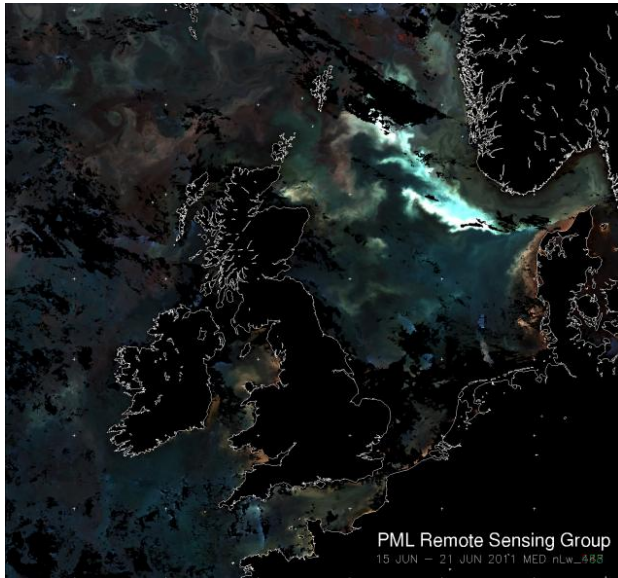
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Bioassays



Lots of Coccoliths



Cold-Water Corals



(Murray Roberts, Laura Wicks, Seb Hennige – Heriot-Watt)