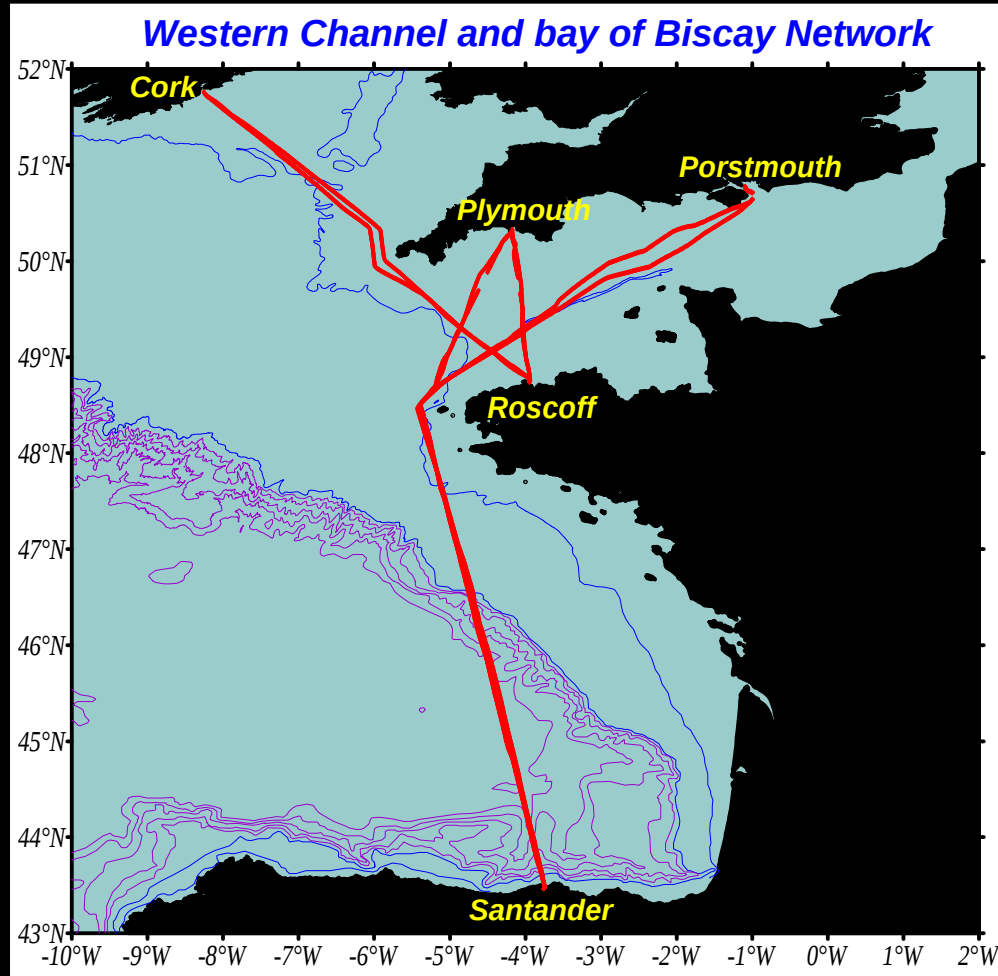


Overview of FB at CNRS/Ifremer



Ferry Box lines in the Western Channel and Bay of Biscay



MV Armorique



MV Pont Aven

Brittany Ferries lines:

Pont Aven (weekly frequency)

Armorique (daily frequency = 2-3 transects)

Measurements along transects in the Western Channel and Bay of Biscay

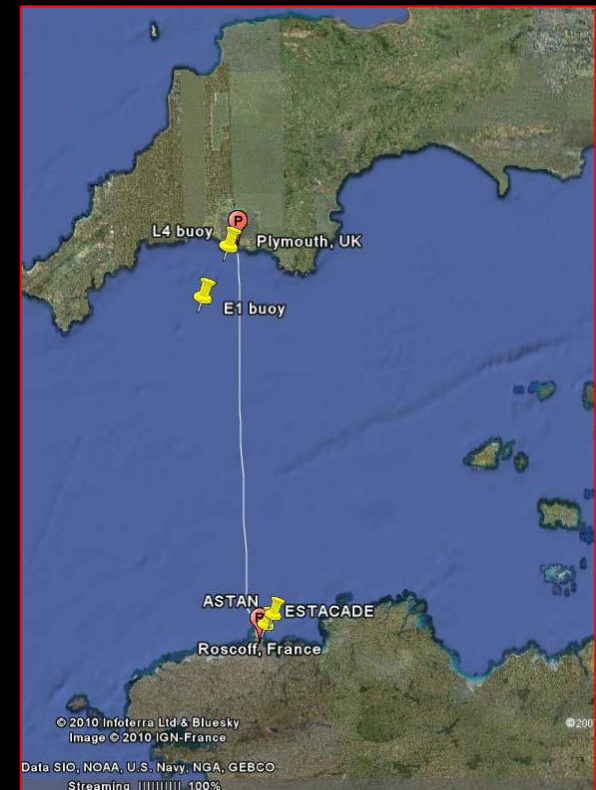
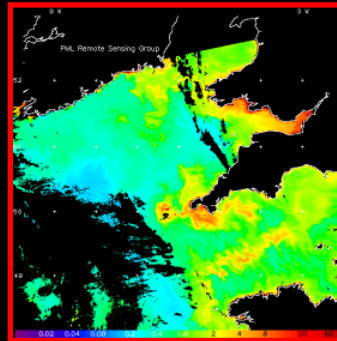
Continuous measurements of physico-chemical and biological parameters in surface waters



MV Armorique

6 parameters:

- Temperature
- Salinity
- Oxygen
- Fluorescence
- Turbidity
- CDOM



Ferry Box Sensors:



SBE21
Thermosalinograph



Aanderaa
3835 Optode



Turner Designs
C3 Fluorometer

Same sensors onboard MV Armorique and Pont Aven

Automatic sampler connected to the ferrybox

24 bottles (1l)

- *Refrigerated (4°C)*
- *Remotely piloted from laboratory*

Analysis of additional parameters:

- *Nutrients (nitrate, phosphate, silicate)*
- *chlorophyll a, pigments,...*

Sensors calibration (salinity, oxygen,...)

2 transects realized per month with
1 coordinated with CPR sampling



Hambourg, august 2011

Data Base and Website



HF - High Frequency Data Repository - Campaigns

User

mhoebeke
[Logout](#)

Devices

ASTAN

Ferry Box Armorique

Ferry Box Pont-Aven

▼ List of measurement campaigns/tracks for Ferry Box Armorique

Filter Available Campaigns/Tracks

☐ All ☒ Period Last 30 Days ☐ Date Range From: To:

☒ Show Only Valid Campaigns/Tracks

Redisplay

Campaigns/Tracks

Export Records of Selected Rows [as CSV](#) [in Excel](#)

69 items found, displaying 1 to 40. [First/Prev] 1, 2 [Next/Last]

+/-	Name	Start Date	End Date	Charts
☒	Plymouth to Roscoff	2011-06-21 22:20:00.0	2011-06-22 05:05:00.0	
☒	Roscoff to Plymouth	2011-06-21 14:32:00.0	2011-06-21 20:07:00.0	
☒	Plymouth to Roscoff	2011-06-21 07:33:00.0	2011-06-21 12:43:00.0	
☒	Roscoff to Plymouth	2011-06-20 21:04:00.0	2011-06-21 05:10:00.0	
☒	Plymouth to Roscoff	2011-06-20 14:26:00.0	2011-06-20 19:24:00.0	
☒	Roscoff to Plymouth	2011-06-20 06:53:00.0	2011-06-20 12:09:00.0	
☒	Plymouth to Roscoff	2011-06-19 22:14:00.0	2011-06-20 04:44:00.0	
☒	Roscoff to Plymouth	2011-06-19 14:59:00.0	2011-06-19 20:08:00.0	

Data sources

Data transects

Real Time Data Transmission to Operational Oceanography (Coriolis Data Center)

IFREMER-RDT-SMI-PJégou

PROJET NAVOP
Ferrybox sur MV ARMORIQUE et PONT AVEN

Synoptique de la gestion des données

