

Station Name:

E1

**Type of Station (moored / ship-based) and Location
(geographic region / latitude and longitude coordinates):**

Ship-based, visited every two weeks (historically monthly). Will be augmented with buoy deployment in 2009. Position: 50° 02.00' N, 4° 22.00' W; depth: 75 m

**Carbon and biogeochemistry measurements at the station
(indicate the frequency of observations, the year measurements began, and if they are surface / full water column, etc.):**

Hydrography: CTD since 1903 with breaks: 1914-8; 1939-1946; 1987 – 2002.
Nutrients (nitrate, nitrite, silicate, phosphate, ammonium): recent series since 2002, although some historical data from 1960 – 1980
HPLC pigments: 0, 10, 20, 30, 40, 60 m 2002 - present

Principle Investigators / Contact Points:

PI: Tim Smyth, PML (tjism@pml.ac.uk)

Affiliation of this station with national, regional, or global research programs and process studies:

Funded through the UK Natural Environmental Research Council Oceans 2025 program. Part of the Marine Environmental Change Network.

Web-site or links to other information:

www.westernchannelobservatory.org.uk

