

RV ENDEAVOUR CRUISE 2/11 A, B & C CRUISE PLAN.

Part A (Prawle Point to Plymouth Sound SAC)

06/01/11 – 13/01/11

Departing Lowestoft – Docking Plymouth

Paul Whomersley (SIC) (Cefas)
Matt Curtis (2nd SIC) (Cefas)
Bill Meadows (Cefas)
Koen Vanstaen (Cefas)
Julia Rance (Cefas)
Ken May (Cefas)
Bill Lawrence (Devon Sea Fisheries)
Sarah Clark (Devon Sea Fisheries)
Helen Ellwood (JNCC)
Natural England representative

Part B (Haig Fras)

13 /01/11 – 20/01/11

Departing Plymouth – Docking Scilly Isles

Matt Curtis (SIC) (Cefas)
Paul Whomersley (2nd SIC) (Cefas)
Bill Meadows (Cefas)
Koen Vanstaen (Cefas)
Julia Rance (Cefas)
Ken May (Cefas)
Andrew Griffith (Cefas)
Chris Barrio Frojan (Cefas)
Neil Golding (JNCC)
Chris Jenkins (JNCC)
Laura Robson (JNCC)
Fionnuala McBreen (JNCC)
Natural England representative
Plymouth representative

Part C (Haig Fras)

20/01/11 – 03/02/11

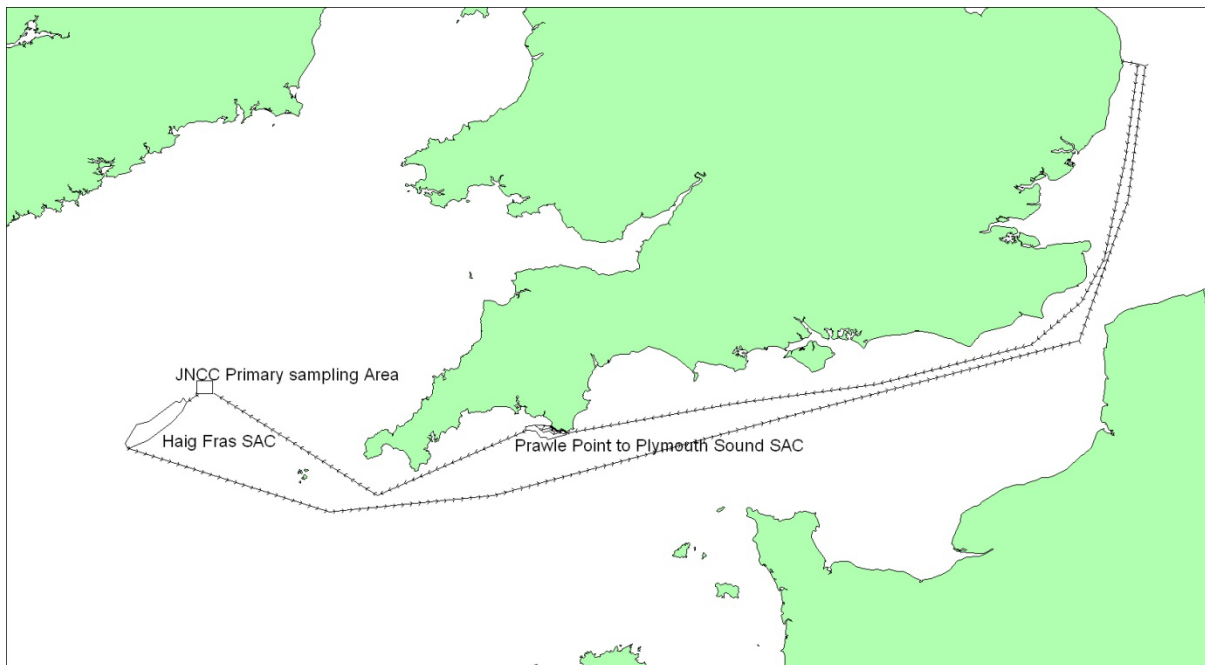
Departing Scilly Isles – Docking Lowestoft

Bill Meadows (SIC) (Cefas)
Suzanne Ware (2nd SIC) (Cefas)
Nigel Lyman (Cefas)
Markus Diesing (Cefas)
Roger Coggan (Cefas)
Julia Rance (Cefas)
Ken May (Cefas)
Paul McIlwaine (Cefas)
Neil Golding (JNCC)

Chris Jenkins (JNCC)
Laura Robson (JNCC)
Fionnuala McBreen (JNCC)
Natural England representative
Plymouth representative

DURATION: Part A 06th January – 13th January
 Part B 13th January – 20th January
 Part C 20th January – 03rd February

LOCATION: Part A Prawle Point to Plymouth Sound SAC
 Part B & C Haig Fras SAC and JNCC primary sampling area



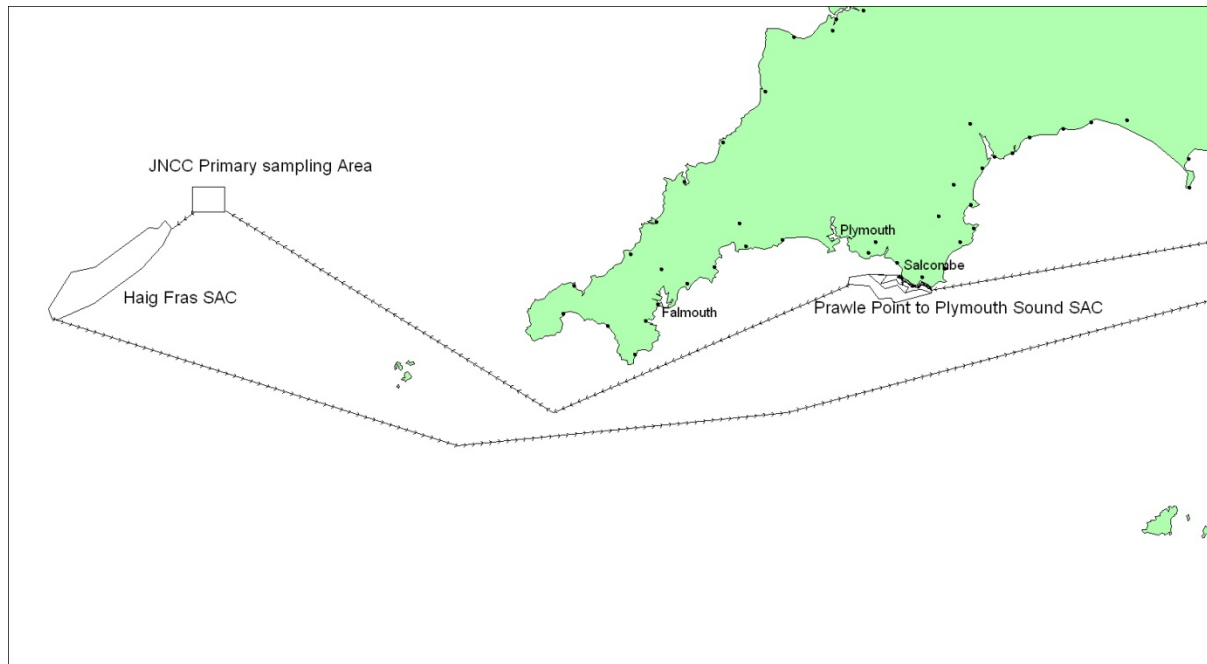
AIMS:

1. To acquire 100% coverage of designated areas of the Prawle Point to Plymouth Sound SAC with Multibeam swath bathymetry in partnership with NE.
2. Identify areas of high and low fishing pressure within the JNCC primary sampling area using acoustic techniques and undertake a grab sampling survey.
3. Acoustic and underwater camera survey at Haig Fras in partnership with JNCC.
4. Survey alternative JNCC sampling areas dependant on weather and/or lack of success at primary sampling area.

Cruise Plan

Part A 06/01/11 – 13/01/11

After departing Lowestoft (06/01/11) Cefas Endeavour will transit to the Prawle Point to Plymouth Sound SAC (Approx 300nm) and undertake a multibeam swath bathymetry survey for 6 days (**Aim 1**) and, if time allows, 1 or 2 drop camera tows. There will then be a change of scientists in Plymouth (or any other suitable location dependant on weather) on the 13/01/11.



Part B 13/01/11 – 20/01/11 and Part C 20/01/11

The Cefas Endeavour will then proceed to the JNCC primary sampling area (Approx 140nm) and undertake a multibeam swath bathymetry and sidescan sonar followed by a grab sampling (**Aim 2**). If the acoustic survey is unsuccessful in terms of identifying a fishing pressure gradient or the weather does not permit sampling an alternative sampling area will be surveyed (**Aim 4**). The vessel will then proceed to the Haig Fras SAC and undertake an acoustic and underwater video survey (**Aim 3**). There will be a second change of scientists on or around the 20/01/11 either on the Scilly Isles or in Falmouth depending on the weather. On completion of this work the Cefas Endeavour will transit back to Lowestoft arriving no later than the morning of the 3rd February.