CENTRE FOR ENVIRONMENT, FISHERIES AND AQUACULTURE SCIENCE LOWESTOFT LABORATORY, SUFFOLK, NR33 0HT

2016 RESEARCH VESSEL PROGRAMME

PROGRAMME: RV Cefas Endeavour: Survey CEND1116

STAFF:

SIC Paul McIlwaine
DM Louise Brown
Shift lead Marc Whybrow
Shift lead Chris Jenkins
Benthic ecologist Sue Ware
MIST Neil Needham
Hydrographer Bill Meadows

Joey O Connor or Laura

JNCC Cornick

JNCC Louisa Jones

JNCC Andy Eggett

JNCC Ana Jesus

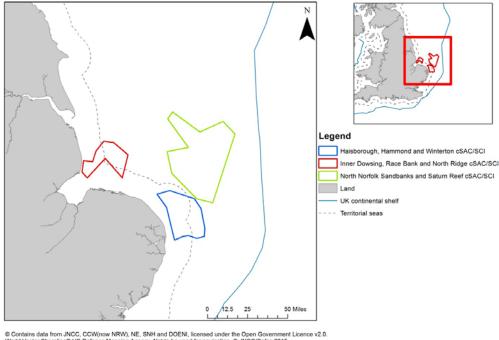
JNCC Yessica Griffiths

JNCC Ellen Last

NE Nicola Edwards Small boat transfer: embarking 9th June
NE Pete Walker Small boat transfer: embarking 9th June
NE Phil Ray Small boat transfer: departing 9th June
NE Harri Morral Small boat transfer: departing 9th June

DURATION: 20 days (31st May – 9th June <Small boat transfer> 9th June – 19th June).

LOCATION: *Please provide a detailed map and state longitudes and latitudes* The aim of this survey is to visit the North Norfolk sandbanks to fulfil monitoring objectives at sandbank features in conjunction with an EA survey vessel. Approximate survey area: 53.268N 0.493E, 53.715N 0.493E, 53.715N 2.708E, 52.626N 2.708E.



AIMS:

Objective 1.1: Monitor how the physical structure (composition) and morphology (shape) of the sandbanks changes over time.

Objective 1.2: Monitor how the structure (composition) and function of biological communities in and around sandbanks changes over time.

Objective 2.1: Monitor temporal changes in the condition and extent of Sabellaria spinulosa reef within confirmed areas of reef (closures, core reef and previously surveyed areas).

Objective 2.2: Verify presence and extent of Sabellaria spinulosa reef in low confidence areas.

PLAN:

The vessel will sail from Lowestoft on the 31st May at HW 17:37 (BST) and sail approximately 30 nautical miles to commence survey objectives at the sandbank features off the North Norfolk Coast.

Vessel inductions will take place at 13:00 on the 31st May for these that have not had one in the last 12 months. Everyone is to be on board by this time. Hard hats with chin straps, high vis vests and steel toe boots are required on the guay side for embarkation. Those on night shift will be able to rest and prepare accordingly to get onto their shift pattern.

Dinner will be provided on the vessel at 17:00.

A small boat transfer of Natural England staff is arranged for the 9th June (details to be confirmed by transfer company once the TAF has been progressed).

The vessel will return to Lowestoft on evening HW tide of the 19th June.

GEAR:

MBES, SS, Mini Hamon, 2m beam trawl, Drop camera, Camera sledge.

Paul McIlwaine Scientist In Charge 07835447306 Date

INITIALLED:

DISTRIBUTION: POMS, MET, MIS, JNCC, NE