

UK-OSNAP
BIANNUAL ACHIEVEMENTS REPORT JANUARY 2014

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Science achievements:

1. International Co-ordination: the international OSNAP programme began in autumn 2013, and the co-ordination process that began during proposal-writing continues in earnest. Through email, phone, teleconference and a workshop in Boston, US (Dec 13), partners are optimising fieldwork plans for 2014. This includes co-ordinating plans with the US Ocean Observatories Initiative (NSF) that is placing moorings on the OSNAP line. The close co-operation will ensure that maximum information is obtained from the full OSNAP array.
2. Procurement of equipment for the UK-OSNAP arrays: the first deployment of the two UK-OSNAP mooring arrays to measure ocean transport will be in summer 2014 (on a US ship and in association with US and NL OSNAP). NOC is buying and building the moorings, in cooperation with UK-OSNAP partners at SAMS. Since September 2013, over £700K of equipment has been ordered, with all delivery expected by end March 14.
3. Public engagement: the simultaneous press releases about the funding and aims of OSNAP by BIS, NERC, NSF, NOC, SAMS and University of Liverpool, attracted some press coverage and prominent blog postings.
4. Recruitment of NOC post-doc: the position was advertised in autumn 2013 and attracted a good number of high quality candidates. Selection interviews to be held in January.

Consortium Status: Green

Plans for next 6 months:

1. First International OSNAP PI Meeting, 23 February 14, at AGU Ocean Sciences, Hawaii. The Ocean Sciences meeting is a large international event that is well-attended by ocean and climate scientists, funding agencies and members of the press. To take advantage of the opportunity to engage the wider community, OSNAP is holding a public town hall meeting in which to outline the programme and seek potential future collaboration.
2. Kick-off meeting for UK-OSNAP: planned for April/May 2014, to be held in Liverpool.
3. The OSNAP fieldwork begins with a cruise that is jointly funded by NERC Consortia RAGNARoCC and UK-OSNAP, and the NOC National Capability programme, the Extended Ellett Line. The cruise will be in May-July 2014 on the *RRS James Clark Ross*, and is led by NOC. It will complete a long, deep ocean hydrographic section along the OSNAP line from Newfoundland to Scotland, including a full suite of tracer and carbon measurements. It will provide the first major OSNAP data set to be obtained and analysed.
4. Deployment of UK-OSNAP arrays will begin July 2014 on *RV Knorr*. The arrays will be deployed on 2 cruises lasting 3-4 weeks each. There may be filming opportunities on these cruises though no arrangements have been made as yet.