



United Kingdom – 2020 update

FARO AGM

Henry Burgess, NERC Arctic Office
30 March 2020



**Natural
Environment
Research Council**



Arctic Office
NATURAL ENVIRONMENT
RESEARCH COUNCIL



£20 million research

5-year programme

Dual national funding

32 research institutions

>200 investigators

SPONSORED BY THE



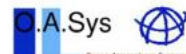
Federal Ministry
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NATURAL ENVIRONMENT RESEARCH COUNCIL



www.changing-arctic-ocean.ac.uk



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The MOSAiC expedition is taking the closest look ever at the Arctic as the epicentre of global warming in order to gain fundamental insights to better understand global climate change. Hundreds of researchers from 20 countries are taking part in this exceptional endeavour.

The expedition brings a modern research icebreaker close to the north pole for a full year including for the first time in polar winter.

Expedition partners



New research opportunities – RRS *Sir David Attenborough*



**128m length, 24m beam; 15,000 gross tonnes; 900m³ scientific cargo capacity; moon pool; 60 day endurance;
60 scientists and support staff; remotely piloted instruments for deep ocean and under-ice data capture**

New opportunities – Ny-Ålesund, Svalbard

- Available to all UK-based scientists to support wide range of terrestrial and marine research
- Funded by NERC – dedicated, safe and efficient station and field support is provided by BAS
- Laboratories and equipment – new lab kit this season
- **International access through EU INTERACT scheme**
- **Spring season suspended**



UK-CANADA ARCTIC PROGRAMME BURSARIES



Creating new
UK-Russia
Arctic early
career links &
supporting
new research
and
partnerships

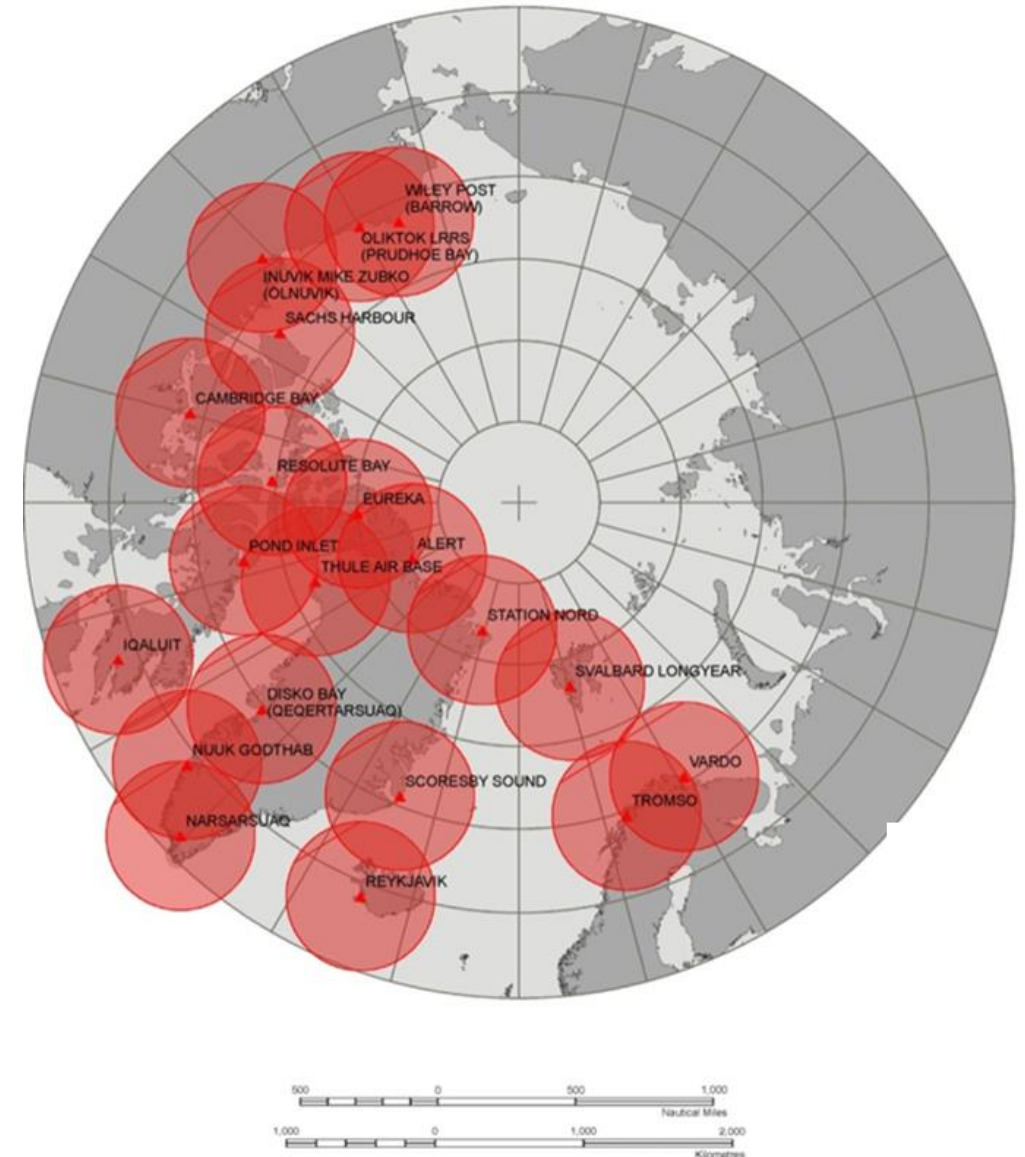


Ongoing challenge – funding polar aircraft in the Arctic

Twin Otter endurance from main airports of Western Arctic



Equipped with geophysical and atmospheric sampling instrumentation. Adaptable, flexible and with a proven track record



Thank you

www.arctic.ac.uk

arctic@bas.ac.uk

@Arctic_Office

#UKinArctic

henry.burgess@bas.ac.uk

+44 (0)1223 221426

+44 (0)7590 461620

