



UK Arctic Operations 2013-14





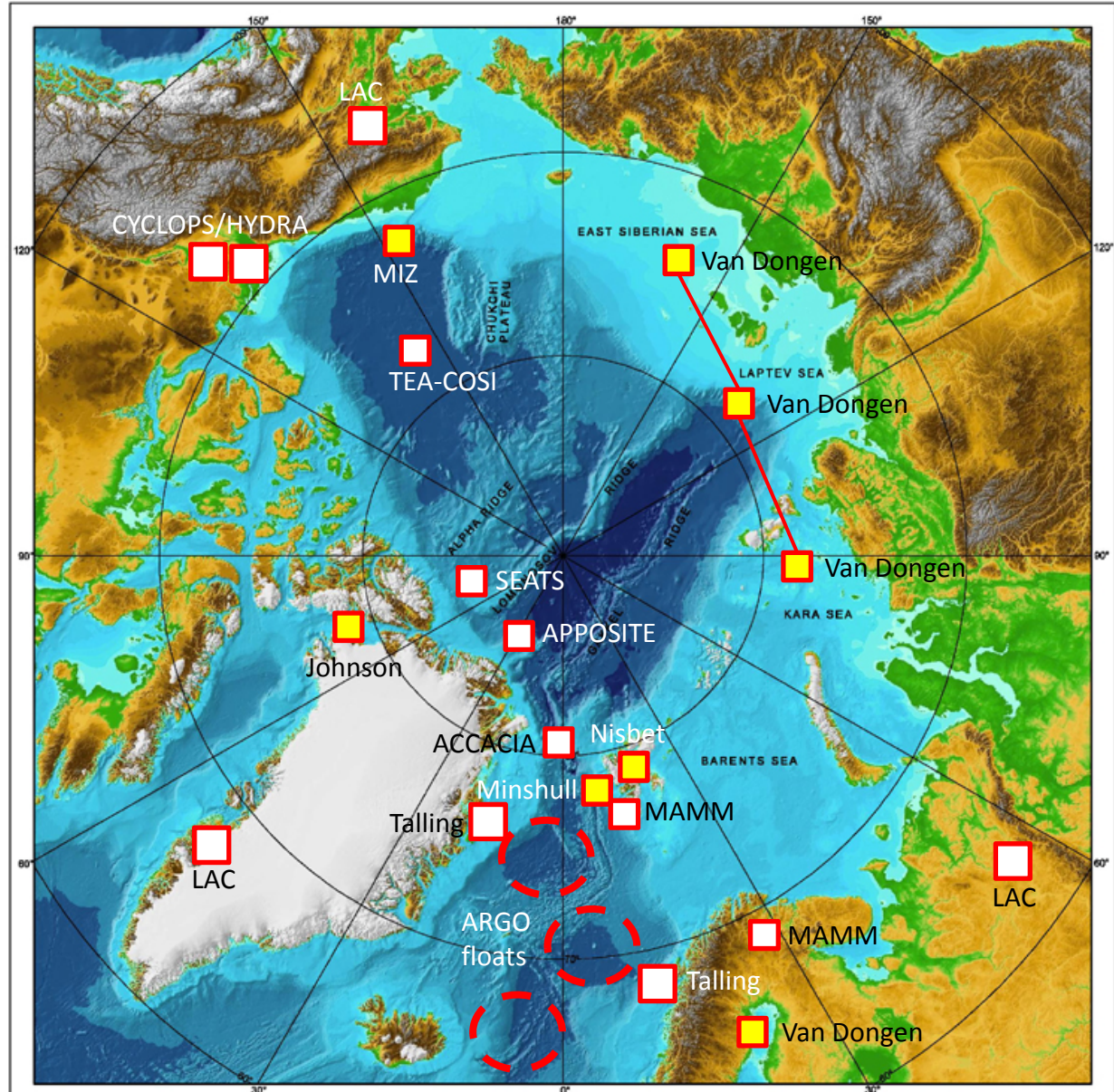
Total Funding = £18m

ARP award (£15m) is the largest NERC grant for a Research Programme to date

- ARP funded
- ARP Affiliated

ARP is well distributed across the Arctic

Website: arp.arctic.ac.uk



Arctic Programme Project Locations

- Cruise by the James Clark Ross – August 2013
ACCACIA clouds/aerosols project operating between Greenland and Svalbard. BAS Twin Otter operating the MASIN meteorological fit in support of JCR science
- BAe-146 FAAM jet operating in northern Scandinavia and on transects to Svalbard monitoring greenhouse gases
- BAS Twin Otter deployed to Sachs Harbour, March 2014, supporting the ONR MIZ Program in Beaufort Sea.
- Ny Alesund station – 7 projects, several international

Upcoming

- James Cook coring cruise in Nordic Seas in summer 2014
- JCR cruise in 2014 from Newfoundland to southern Greenland
- Twin Otter working off northern Iceland with Canadians in 2015.

Developments

- Work with Rene Forsberg in Greenland being planned for 2015-2019 involving BAS aircraft.
- UK Dornier ARSF aircraft to do test flights this summer with the Airbus AirSAR system fitted to test performance.
- Planning being undertaken for a possible new UK polar research vessel. No commitment to funding as yet but if went ahead would be deployed around 2019. Much larger than JCR, more ice-capable, moon pool.