

GLOSS sea level network

Provision of scientific-quality data from tide gauges for use in research and operational oceanography, as UK contribution to Global Sea Level Network

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Aims:

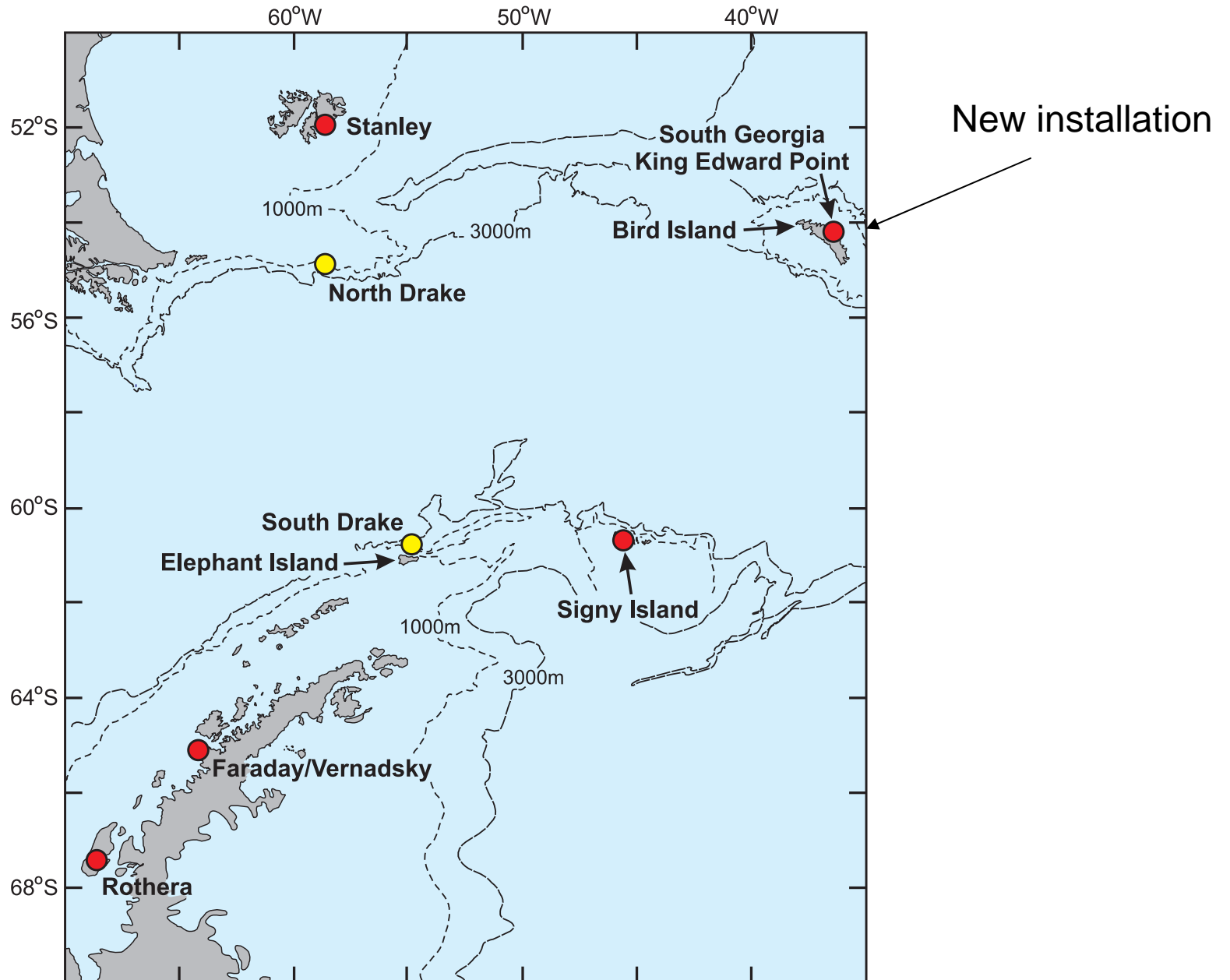
- take advantage of UK-owned sites to provide scientific-quality data sets (some in near-real time) which can be employed in operational oceanography of regional or global importance
- provide relevant sea level data sets and products to the British Dependent Territories of the South Atlantic for local applications

Summary Objectives

POL will:

- Maintain tide gauges in the south Atlantic at Ascension, St. Helena, Port Stanley, Signy, Vernadsky, Rothera and at Gibraltar
- Install gauges at Tristan da Cunha and South Georgia (which provide greater challenges for access and maintenance)
- Provide delayed-mode quality control of resulting sea level data sets, so enabling the best possible information for long term scientific research
- Monitor technical developments in gauge hardware and telemetry

South Atlantic Tide Gauges



Progress Highlights

- New installation completed in South Georgia. 1 minute data values being received in real-time
- Rothera and Vernadsky upgraded to real-time data every 15 minutes
- Ascension, Port Stanley and Signy have been visited for maintenance
- Real-time data is being made available through the GLOSS Fast Data Centre

Lowlights

- New gauge at Tristan da Cunha will be delayed due to major fire at the fish cannery
- New installation for St Helena has been deferred while harbour works are completed