

16th Meeting of the Southern African and Islands Hydrographic Commission

UK National Report

Submitted by the United Kingdom of Great Britain and Northern Ireland

Main achievements during the year

- 3 New ENC's released
- 1 New chart which is also INT
- 9 New editions of which 5 INT
- Capacity building support
- New data collection - St. Helena

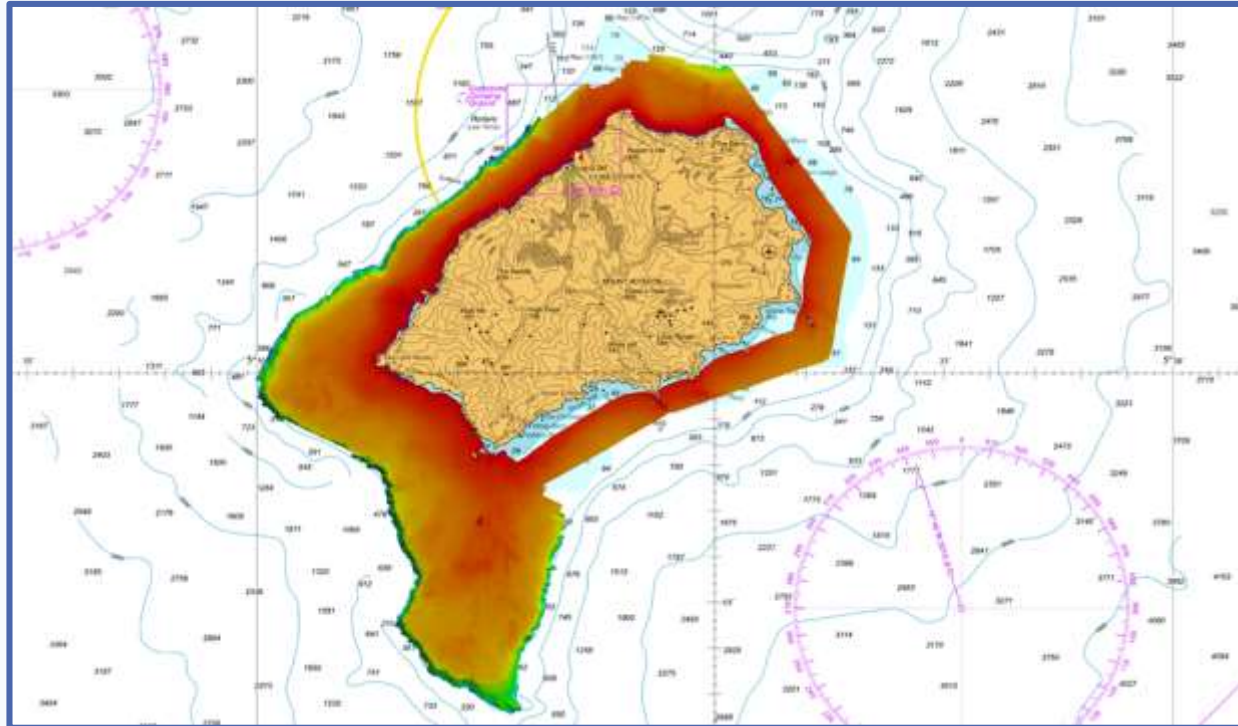
Main challenges and/or obstructions

- Remote locations
- Limited Face to Face opportunities
- Limited resource for data collection
- Data access and data needs to meet Blue Economy

Progress on surveys, charting and MSI

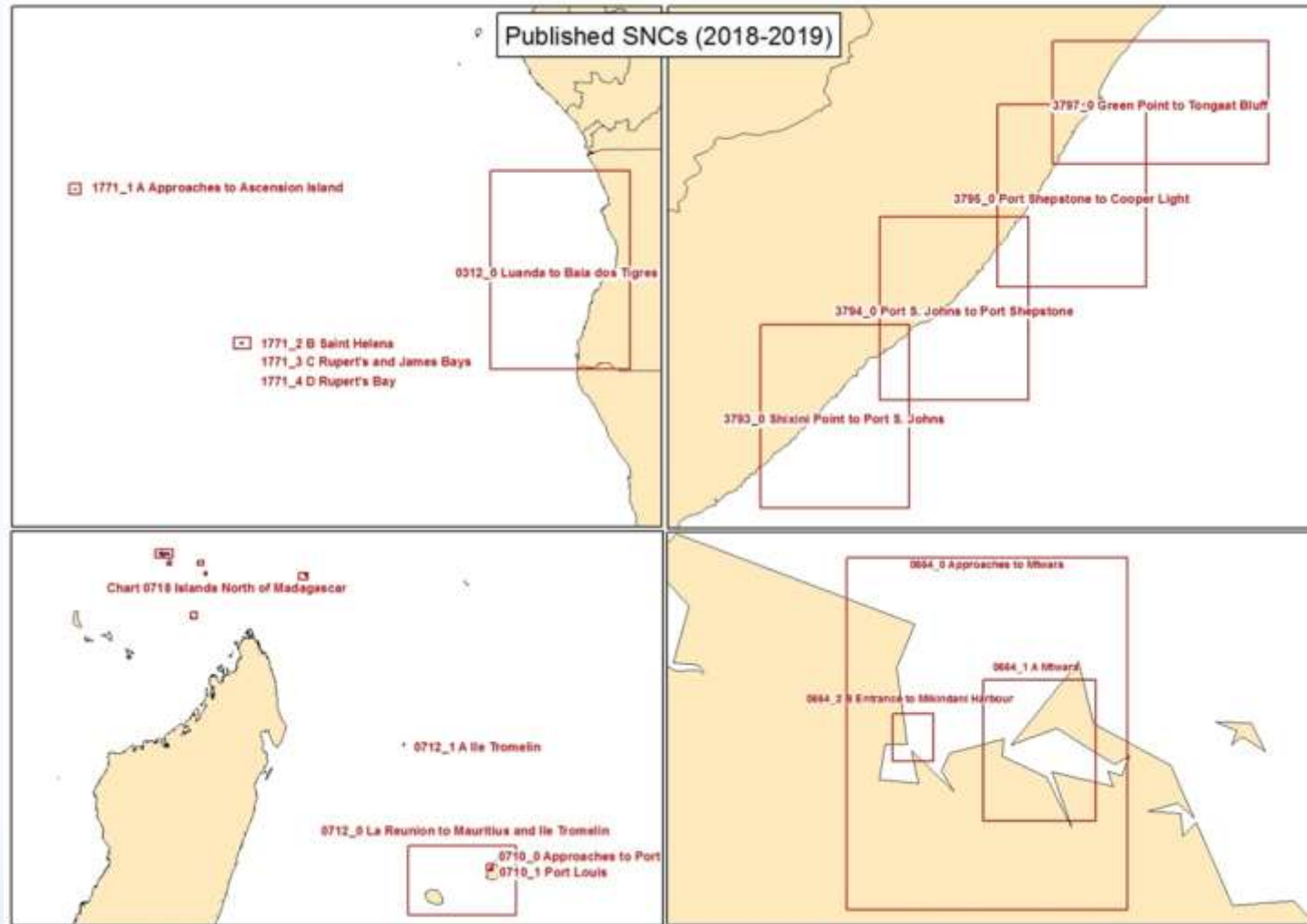
- Surveys: New survey of St. Helena Nov-Dec 2018
- Charting: 3 New ENC's released and 10 Chart NC/NE's produced since SAIHC 16
- MSI: We continue to work closely with other regional NAVAREA coordinators.

Progress on surveys

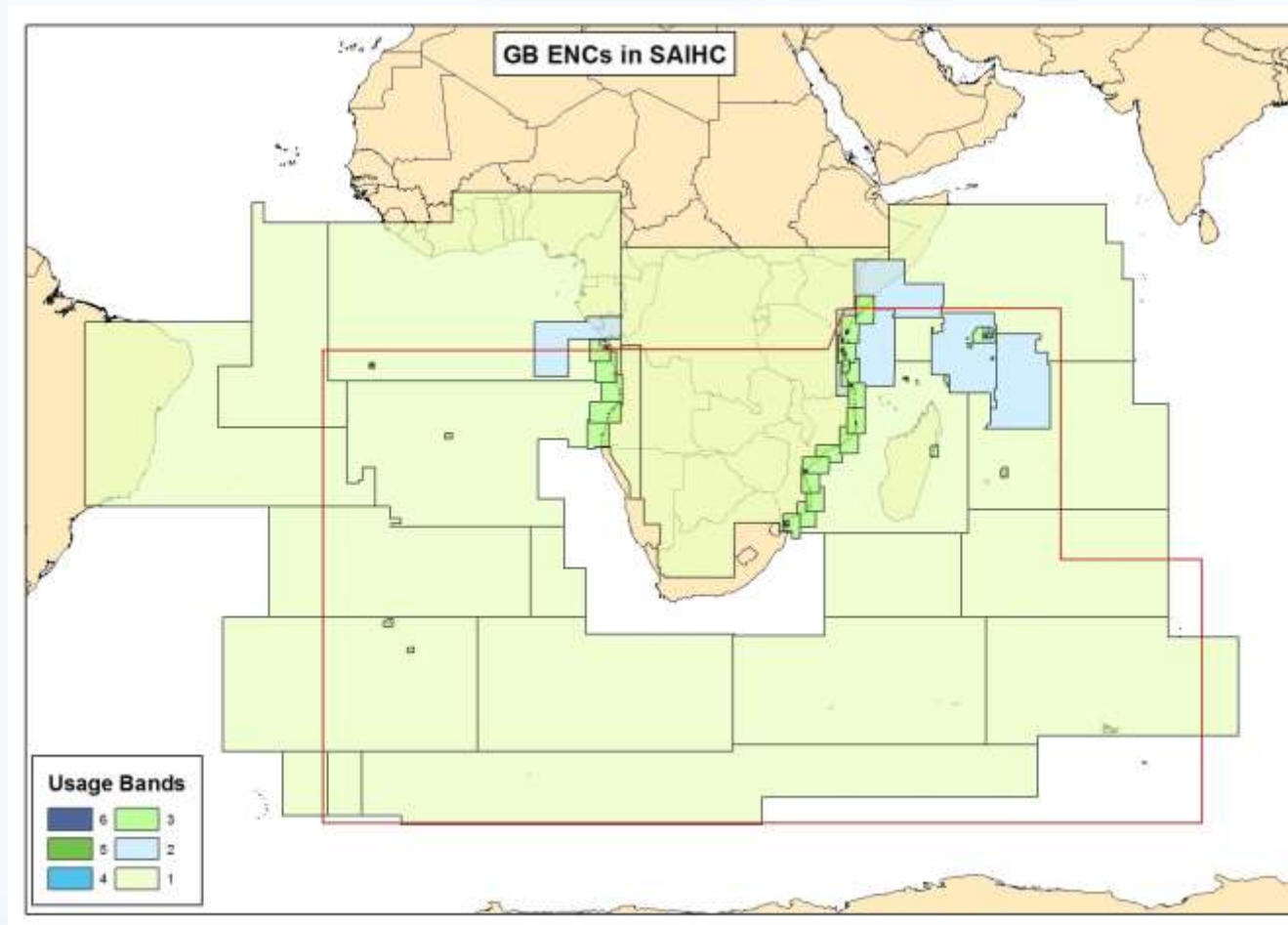


Survey Name	Contractor	UTM Zone	Charts Affected	Survey Completed	Delivery	Caris Project Size (GB)	Area KM²	Depth Range	Valid Soundings	H Notes Issued	NMs Issued	H525's	Prev. Uncharted Wrecks/Obstructions	Prev. Uncharted Dangerous Wrecks/Obstructions
St Helena	UHKO	30S	1771-1, 1771-2, 4203, 4021	FY 18/19	29/04/2019	321	155	1-355		8		13	6	5

Progress on charting



Progress on charting



Capacity Building

- Contribution
- Request for Support



Progress on MSDI

Our MSDI Initiative

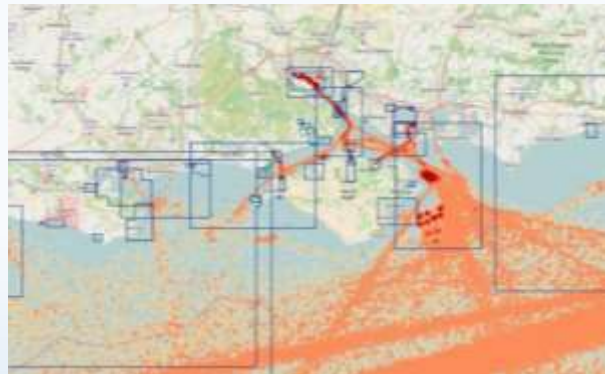
Creating a new information platform to support existing SOLAS products and services and wider “Blue Economy” transformation



Progress on MSDI

Sources of MSDI-suitable data include:

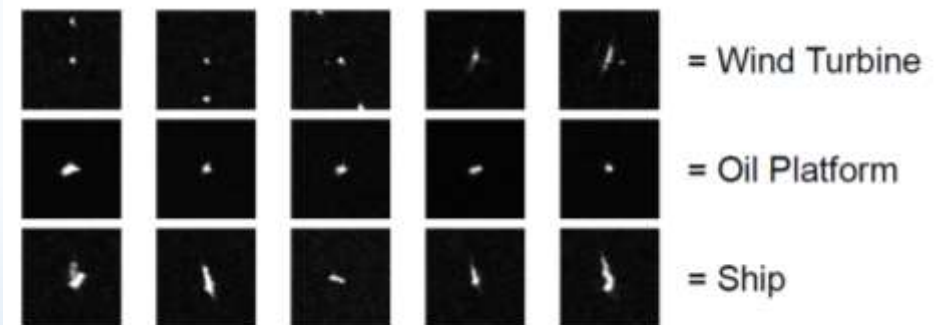
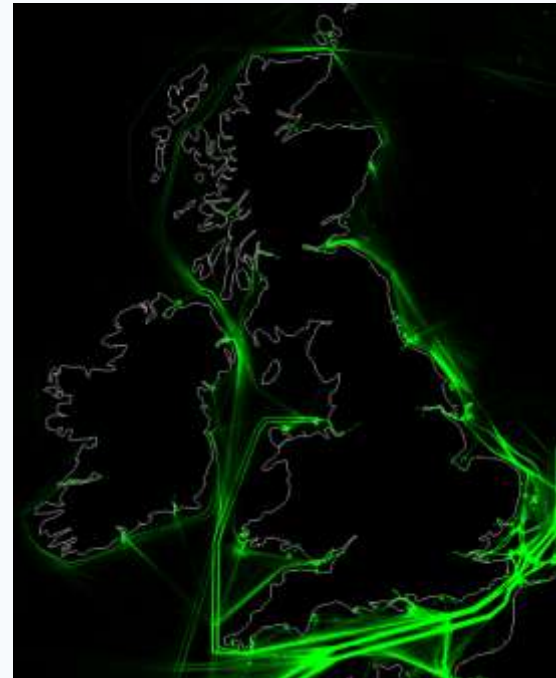
- Bathymetric surveying
- Coastline, Tidal and Oceanographic data
- Aids to Navigation and Geographical names
- Seafloor type, Obstructions and Wrecks
- Maritime information and regulations
- At-Sea and Shoreline constructions
- Practice and Exercise and/or Restricted areas



Progress on MSDI

Using big data technology to handle complex data in new ways

- We are adding ever-greater richness and value to the data solutions we provide
- Using data in smarter and more efficient ways
- Deriving meaningful information from large data sets
- Predicting future behaviour from historical data sets
- Creating new innovative products and services



Plans that affect the region

- Looking forward to the forthcoming six months:
 - Plans to publish 3 New Editions, 2 of these INT.
 - Deliver one week seminar on Hydrographic Governance and Data Management in South Africa

Lessons learned to share

- The need to strive ahead with good governance/data management to optimise efficiency and support the wider marine users.

Success stories to share

- New survey activity in St. Helena and related training
- Successful funding bid for a one week seminar on Hydrographic Governance and Data Management in South Africa