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Hydrographic Office

# UK National Report

14<sup>th</sup> Meso-American and Caribbean Sea Hydrographic  
Commission  
St Maarten, 9-13 December 2013



Tom Karsten (UK)



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# Building on Success

## UK activity 2012-13

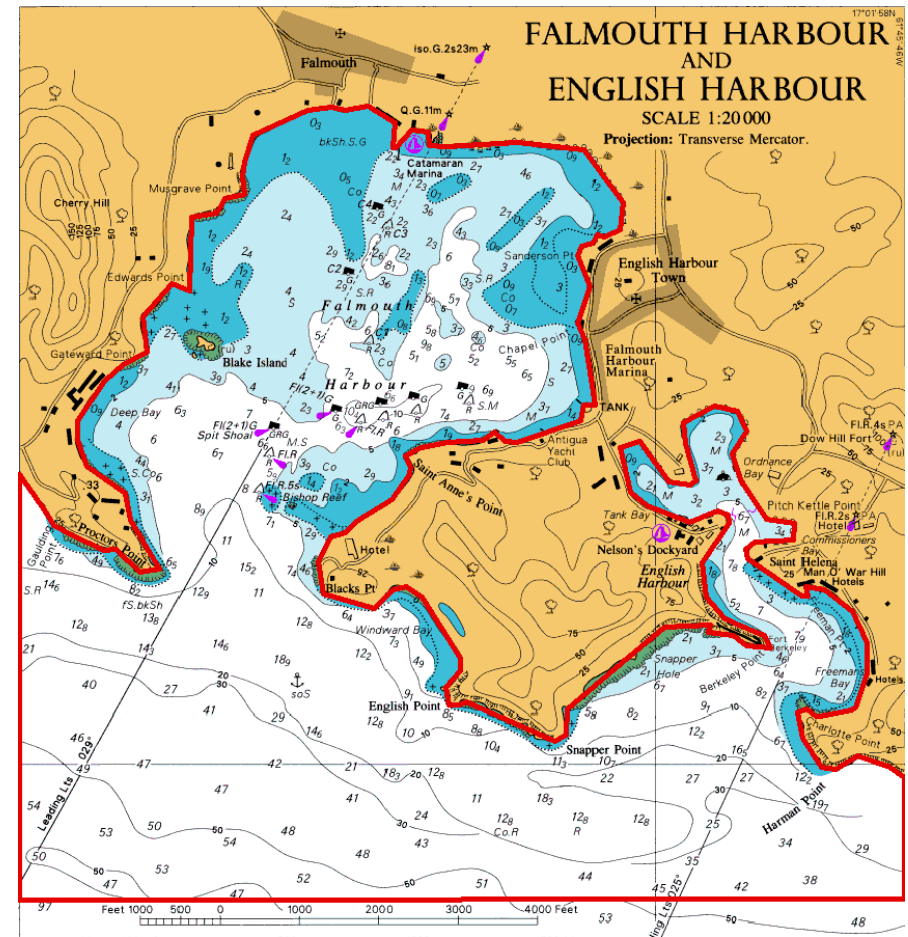
- **Data collection**
- **Chart production**
- **ENC Production**
- **Publications**
- **Capacity Building and Training**



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# Data Collection

- Survey of English and Falmouth Harbours and their approaches to IHO Order 1A
- Carried out in conjunction with authorities in Antigua





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# Chart Production

## Generic reasons for New Editions/New Charts

- New navigationally significant data too large for NtoM
- Horizontal positional inaccuracies
- New/changed IMO adopted routeing measures
- New port developments/ traffic movements

All to ensure the safety of the mariner



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# Chart Production

- 19 NE/NCs produced for the following key reasons:
  - Metric conversion of fathoms charts and horizontal rectification
  - Changes due to new surveys and depth information
  - Larger scale port coverage





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# ENC Production

189 GB cells currently available in MACHC region

Coverage currently comprises:

- 72 Harbour (-1)
- 52 Approach (-2)
- 38 Coastal (-1)
- 19 General (-1)
- 8 Overview

This is a reduction from  
194 cells since last  
meeting (-5)





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# Publications

## 4 New Editions Sailing Directions

- NP7 South America Pilot
- NP7A South America Pilot
- NP8 Pacific Coasts of Central America & United States Pilot
- NP71 West Indies Pilot







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# Capacity Building and Training

- IHB/UKHO technical visit to Guyana
- UKHO provided a trainer (along with USA) to deliver a 3 day MSI course in Port of Spain, Trinidad



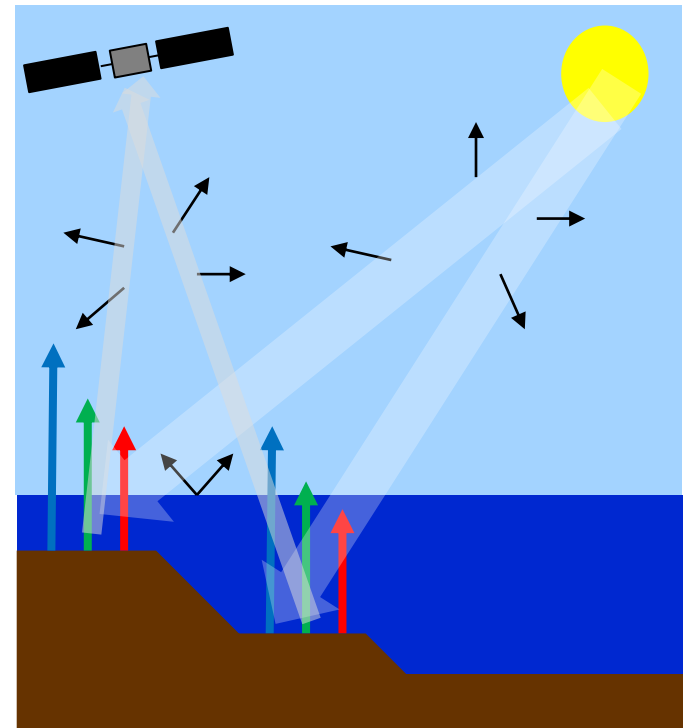




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# Technology Research

Unknown data quantity from  
Satellite Derived Bathymetry  
so, a trial is being run by  
UKHO to assess against  
conventional surveying  
techniques and standards





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# Looking Ahead

## Continuing UK activity 2013-14 and beyond

### ■ Darwin Initiative

- UK cross government initiative to support UK Overseas Territories natural environment issues
- Capacity building submission with aims of:
  - The transfer of skills to BVI stakeholders; in mapping marine habitats using modern acoustic survey tools, from UK organisations with proven expertise.
  - This in turn will provide essential information for spatial planning, sustainable use of marine resources, marine conservation and ensure safe navigation at sea.



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# Looking Ahead

## Continuing UK activity 2013-14 and beyond

- 7 New Editions/New Charts
- 2 New Editions of Sailing Directions
- Continuing efforts to support local data gathering initiatives, and to link these into a broad programme of prioritised chart compilations and new editions.





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# Proposal

- MACHC delegates are invited to note this report