



# ships4sst

shipborne radiometers for sea surface temperature

## A KML tool for ship tracks

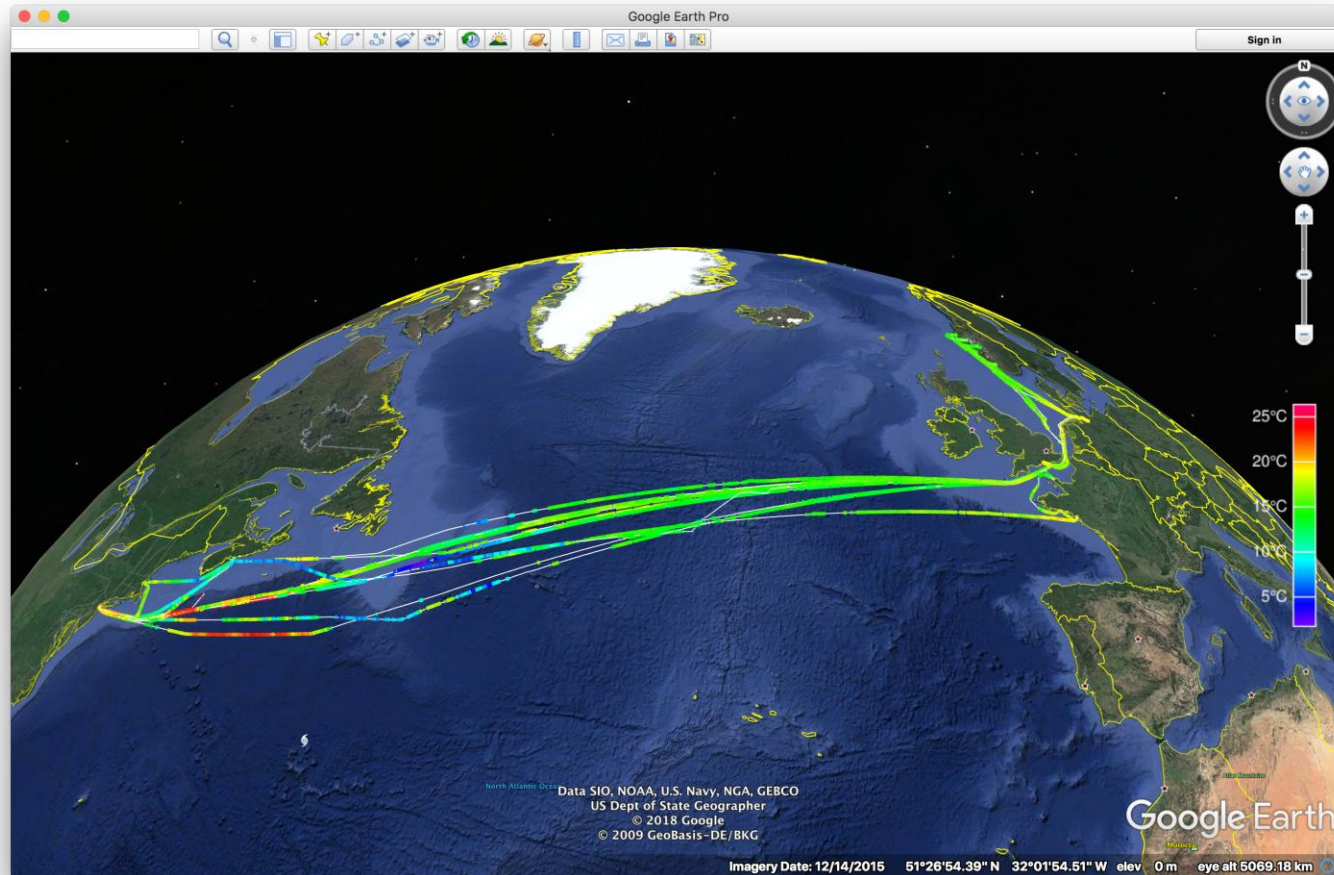
Tim Nightingale

# Introduction

- KML (Keyhole Markup Language) is a language for describing and displaying geographic information
- Defined by a XML schema
- Text-based format containing elements that represent shapes, images, animations, labels...
- Can be bundled into a zipped KMZ file with images and other information
- Used by Google Earth to display data
- An obvious choice for displaying radiometer tracks over the ocean

# KML tool

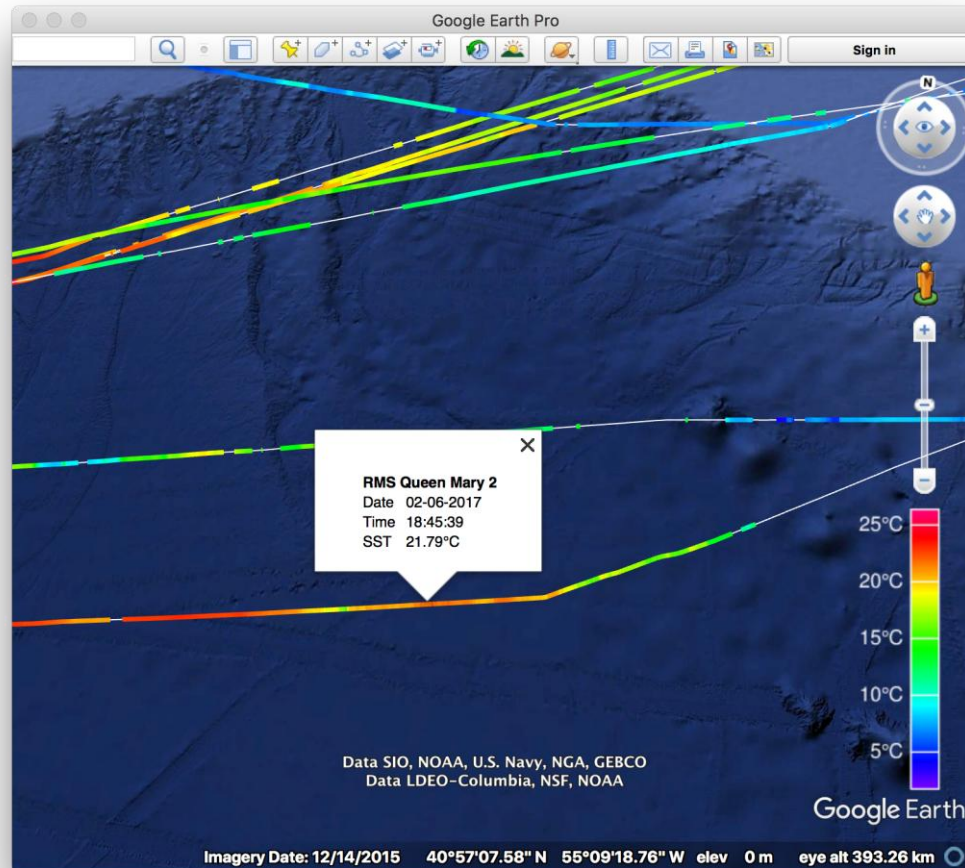
- KML tool generates a colour bar and a colour-coded SST track



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# KML tool

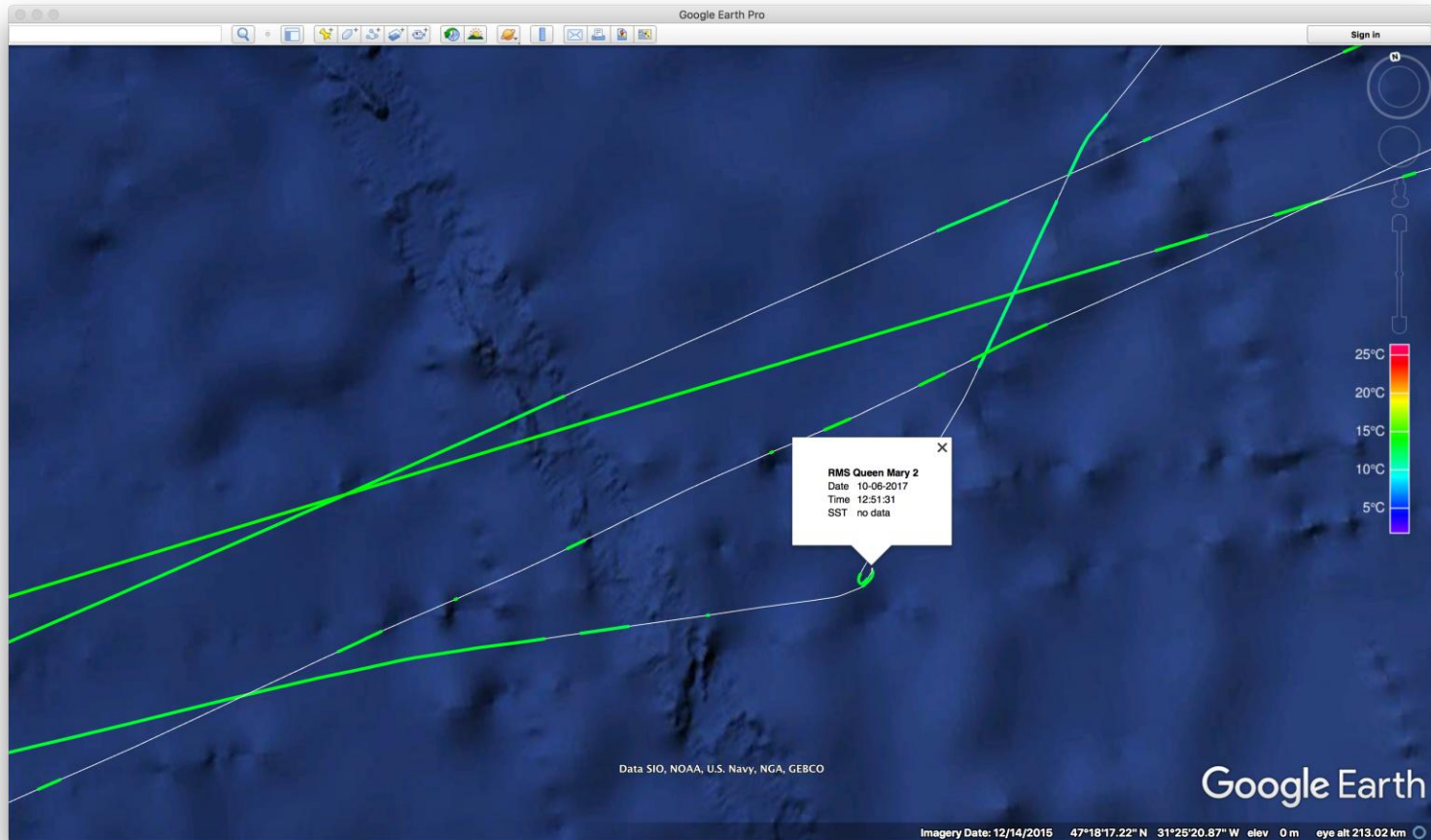
- Retrieve embedded information by clicking on the track



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# KML tool

- Lots to see...

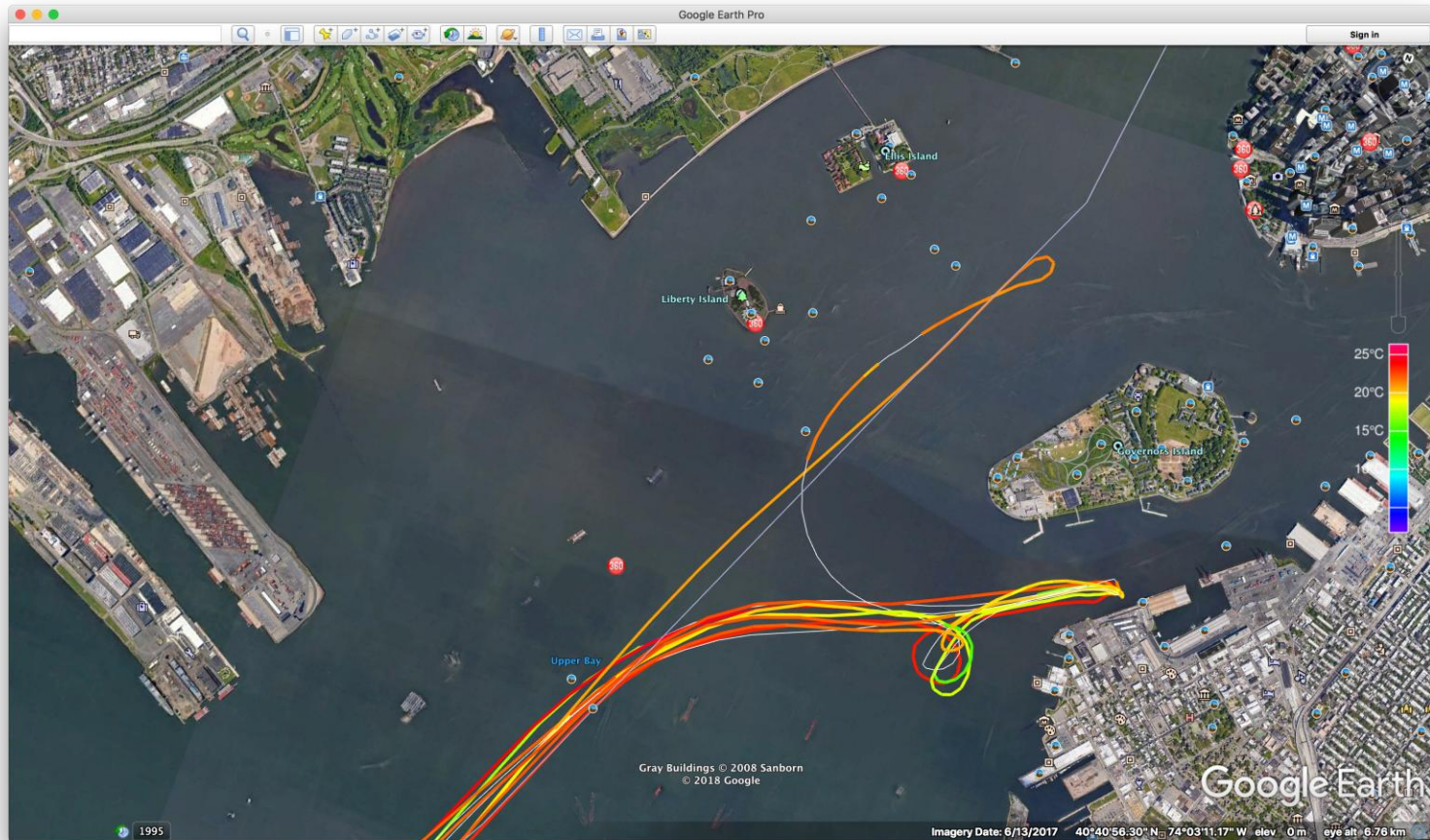


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# KML tool

- Lots to see...



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## Next steps

- Currently coded in IDL. Planning to port to either:
  - a POSIX C command line tool (straightforward)
  - a Python tool (some learning to be done)
- Any preferences?