



Met Office

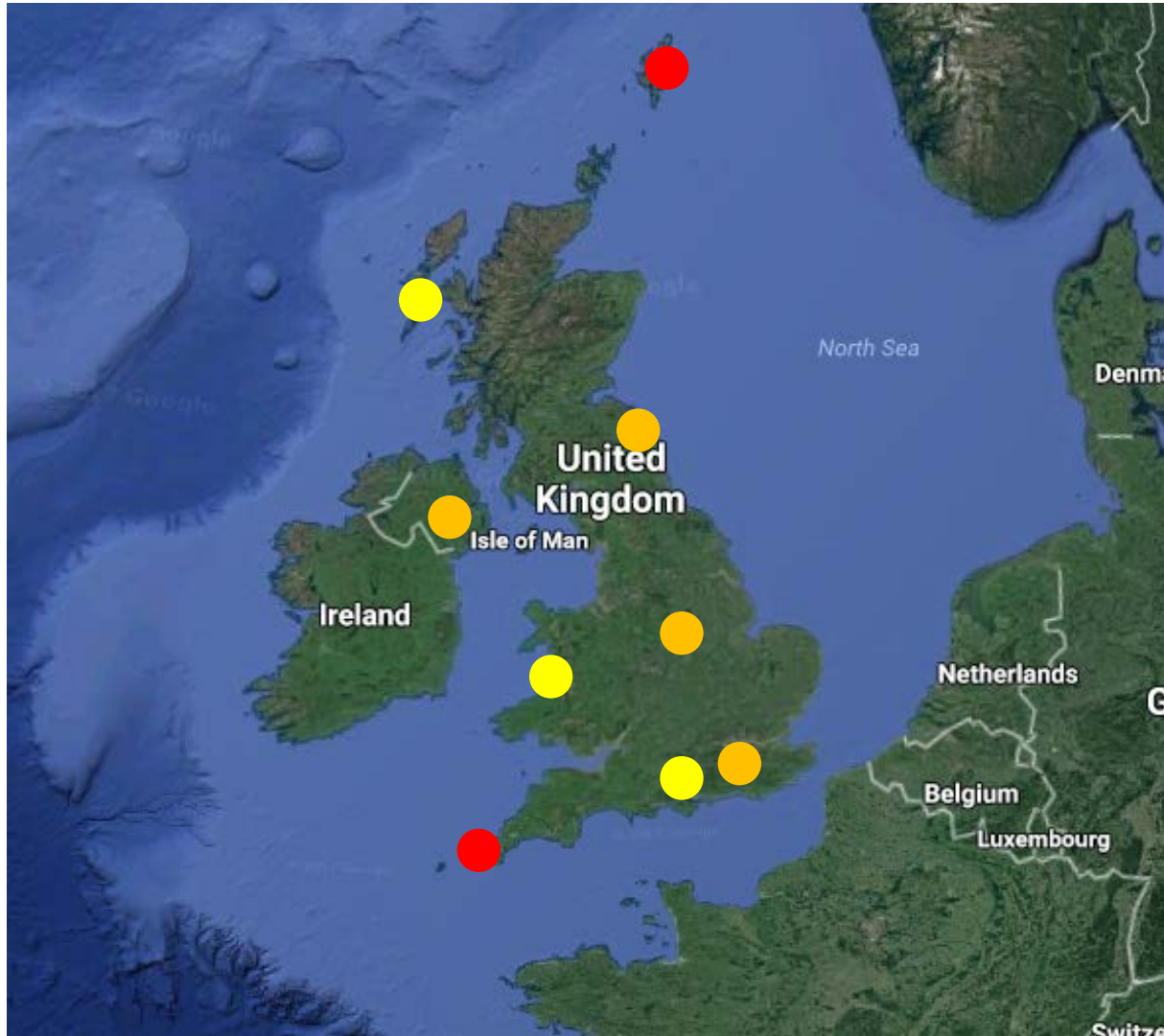
The Met Office/British Antarctic Survey experience of managing the transition from RS92 to RS41

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UK Met Office Upper-Air Stations

-  Manned /GUAN
-  Autosonde
-  Defence





UK Met Office Upper-Air Stations (Overseas)





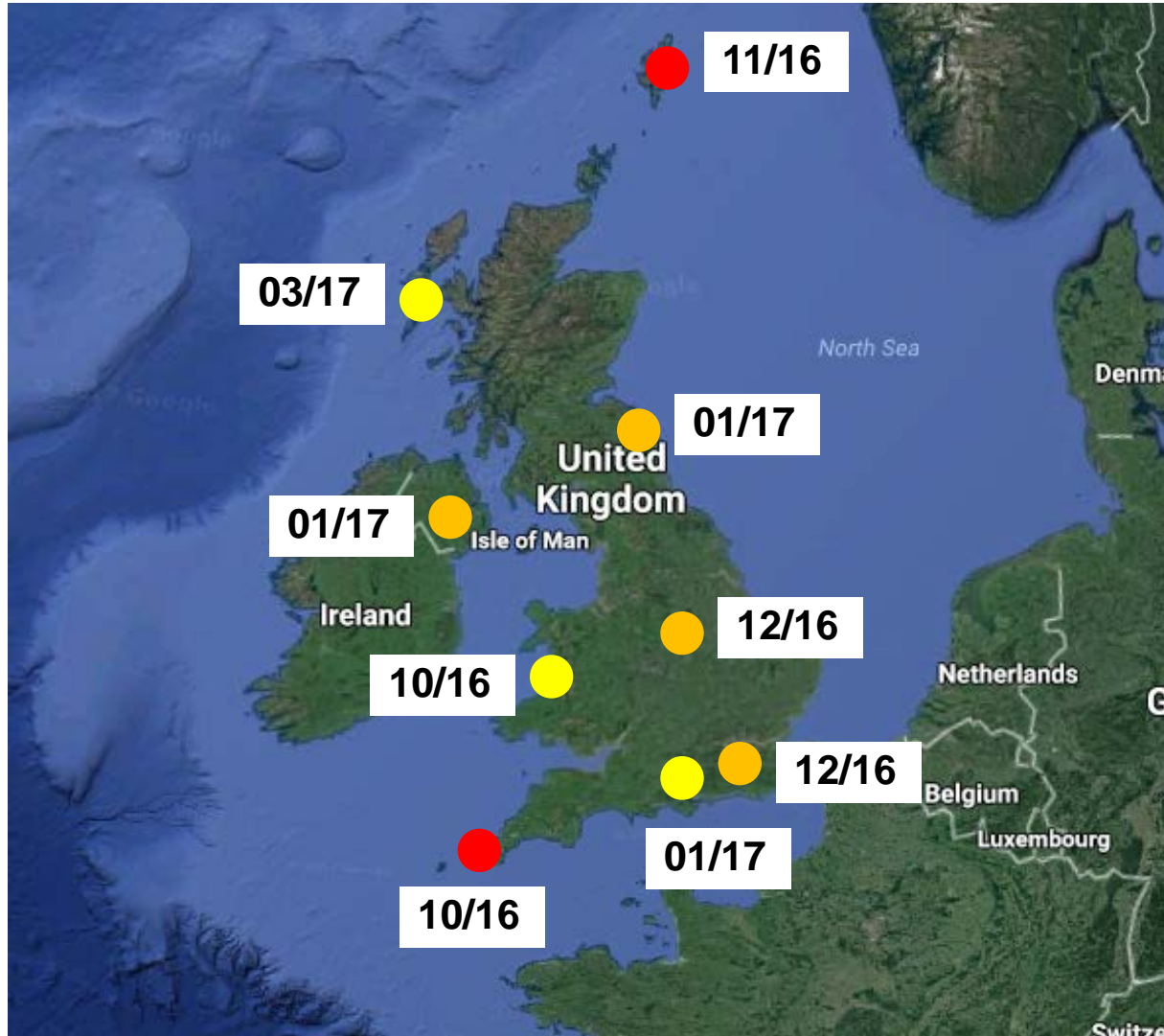
Transition Process/Project

- Technological Assessment (2014)
- Update requirements (all applications) & technical specification. (end of 2014)
- Competitive Tender (2015)
- Tender review & short list (from tender replies)
- Instrument Assessment (short list)
- Acceptance test for selected manufacturer (2015)
- Implementation (2016 – 2017)
- Overlapping measurements climate sites (2017-18)



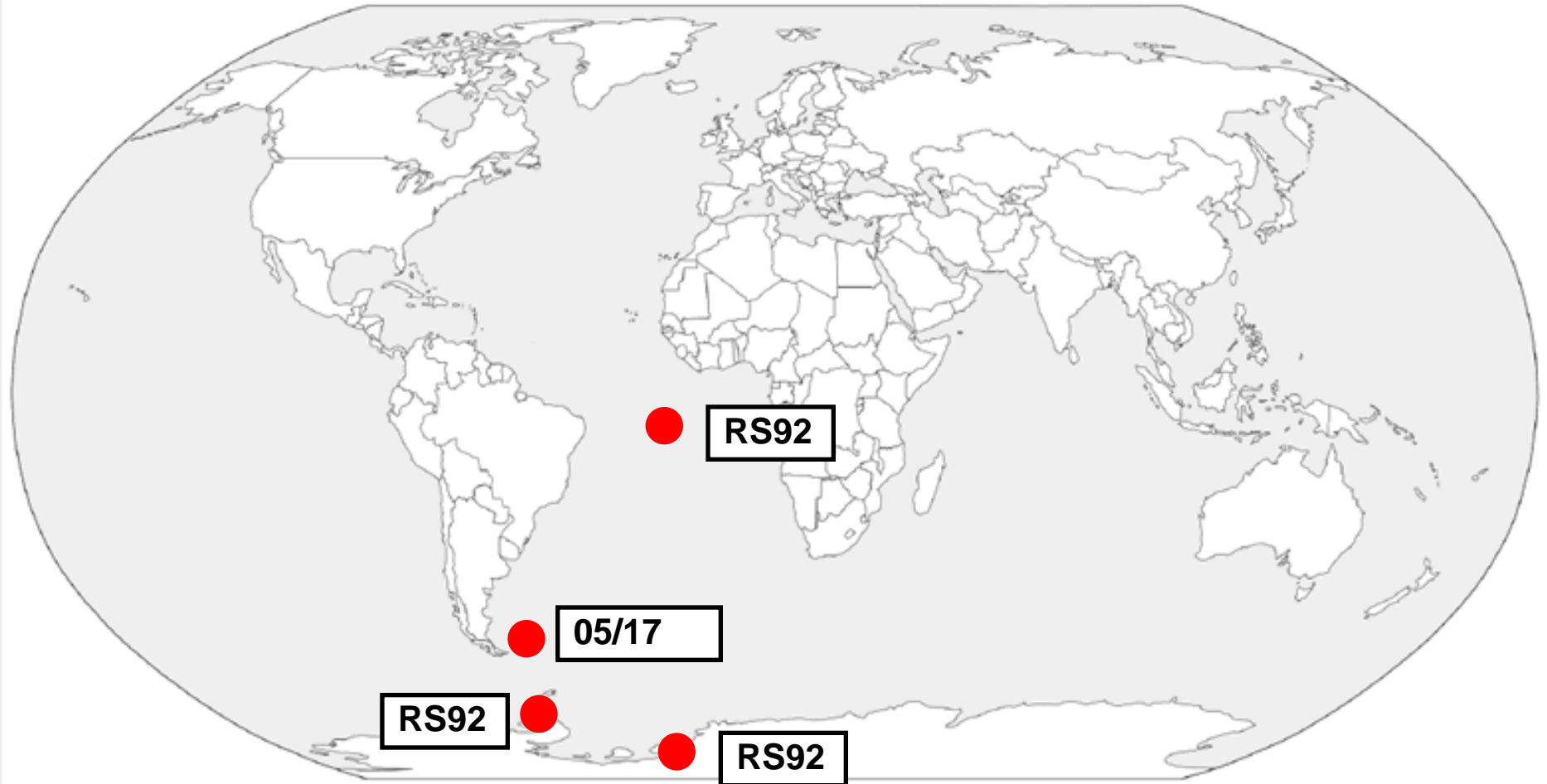
UK Met Office Upper-Air Stations (Transition from RS92 – RS41)

- Manned /GUAN
- Autosonde
- Defence





UK Met Office Upper-Air Stations (Overseas) RS92-RS41





Halley Bay (BAS) - Update







Overlapping measurements (RS92 and RS41)

Camborne – Acceptance test (4 weeks – approx 40 soundings)

Weekly sounding (1 year, 2nd subject to funds)

St Helena – Weekly sounding (1 year, not started yet)

Halley Bay - Weekly sounding (1 year, not started yet)
(Might be moved to Rothera)



Summary

- Transition a 3 year project.
- Implementation complete in UK, overseas by the end of 2017.
- No significant issues to report.
- Performance of RS41 is at least similar to RS92. Not aware of any issues but also not looked in detail at the quality monitoring statistics.
- Software update for MW41 in April/May



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Questions