



National Report of Great Britain

M. Greaves, C. Fane & P. Cruddace, R. Bingley, D. Baker
& N. Teferle, G. Appleby, M. King, J.C. Iliffe, M.K. Ziebart
& J.F. Turner

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National Report of Great Britain (1)

National GPS network and RTK network developments

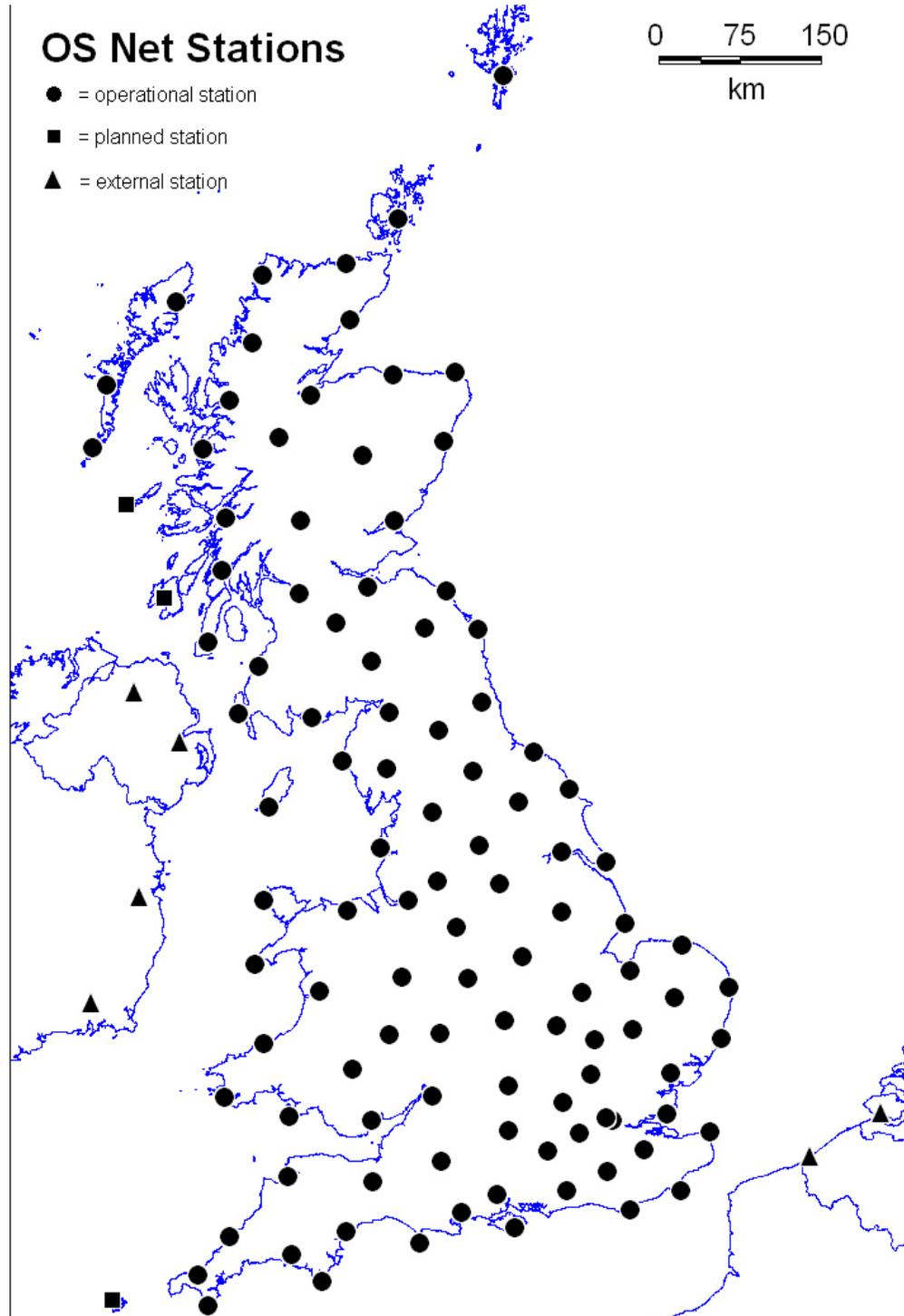
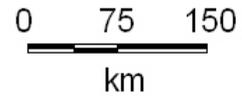
- OS Net™ now 107 stations – all of GB covered
- Only 3 stations remain to be built
- Public RTK services provided by 2 commercial partners
- all stations submit RINEX to www
- zero order sub network (~15 to 20 stations) underway
- upgrade of whole network to GNSS starts very soon

Other geodetic work

- New geoid model later this year

OS Net Stations

- = operational station
- = planned station
- ▲ = external station



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NERC BIGF British Isles GPS archive Facility, www.bigf.ac.uk

- Hosted by IESSG at the University of Nottingham
- Long term national archive until at least 2014
- 155 stations - 3 IGS, 7 EPN and 4 IGS TIGA
- Submissions to ESEAS, COST 716 and TOUGH

Herstmonceux Space Geodesy Facility

- Upgrade to short pulse, 2 kHz repetition rate laser and high accuracy event timer – single shot accuracy = 3mm
- IGS station HERT upgraded
- H-maser frequency source may be added

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Newcastle University

- GNSS error and real time positioning studies
- Basis function studies for reference frames

University of Nottingham

- Land and sea level change monitoring
- New seismic monitoring GNSS stations

University College London

- Tide gauge data in Sea Surface Topography models