

National Report of Northern Ireland

Geoff Bell, Peter Downie

**Presentation to EUREF 2014 symposium, 6 June 2014
Vilnius, Lithuania**



Geodetic work in the last year

- Continued development and planning for release of the new height model for Ireland, OSVRF10.
- Continued data contribution to:
 - EPN Permanent GNSS Network (Stations BELF, ENIS, FOYL)
 - EPN Real-Time Analysis (Station BELF)
 - Met Office UK (EUMETNET E-GVAP)
 - British Isles GPS Archive facility BIGF (hosted by IESSG at the University of Nottingham)
 - Any NI Government department as part of NIMA

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Planned 2014/15 Developments

- Implementation of the new OSVRF10 height model to replace OSGM02 as the approved method of determining Orthometric heights in Northern Ireland wrt Belfast Datum
- Implementation of the EUREF IE/UK 2009 campaign realisation of ETRS89 as the official positioning framework in Northern Ireland
- Installation of a further GNSS station to densify the network
- Replacement of the GNSS network operating software

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Planned 2014/15 Developments

- Installation of IP cameras at all active stations to assist with Photogrammetry flying program.



Osi

Developments in the Republic of Ireland

New active station installed on the SW coast at Valentia

2 stations on EPN proposed list

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Thank you for your attention

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