

National Report of Northern Ireland

Geoff Bell, Peter Downie

Presentation to EUREF 2017 symposium, 18th May 2017
Wroclaw, Poland





Geodetic work in the last year

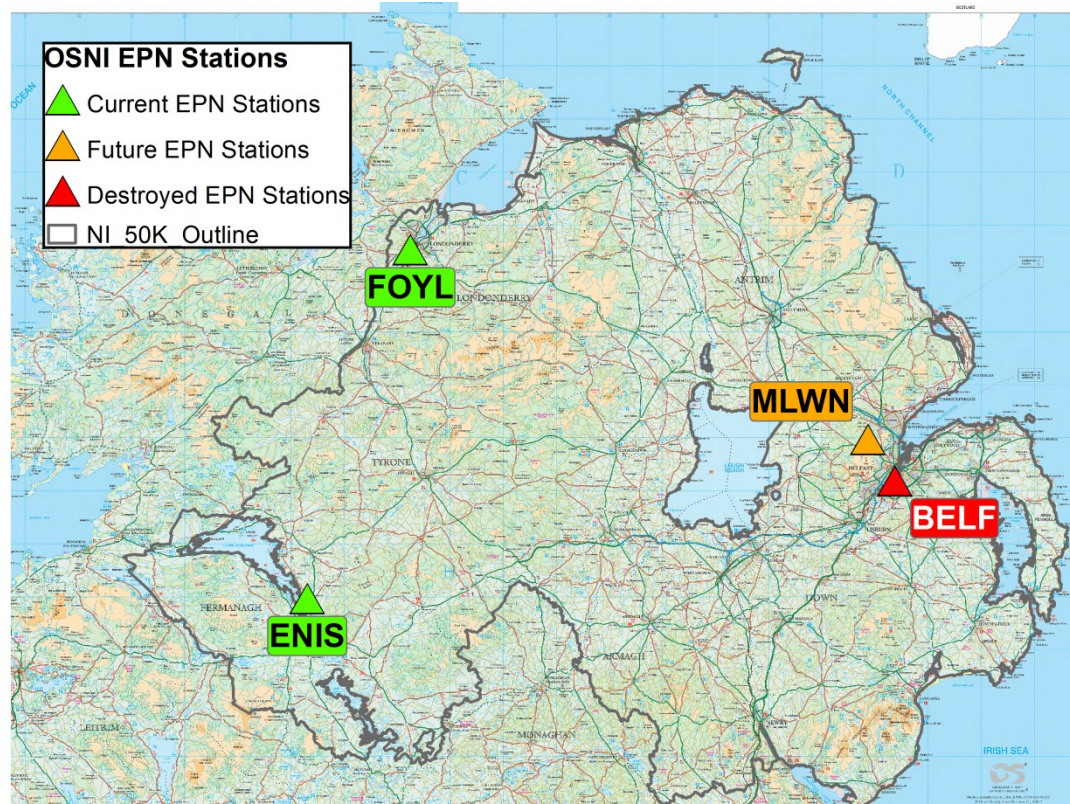
- Implementation of the EUREF IE/UK 2009 campaign realisation of ETRS89 as the official positioning framework in Northern Ireland on 26th August 2016.
- New height model for Great Britain & Ireland, OSGM15, released on 26th August 2016.
- Replacement of the OSNI RTK network IT Hardware.
- Agreement in principle to take over rental lease of the EPN station ENIS compound.
- Preliminary investigations into installation of an absolute gravity network in Ireland, in conjunction with OSi.

Geodetic work in the last year

- Continued data contribution to:
 - EPN Permanent GNSS Network (Stations ENIS, FOYL)
 - EPN Real-Time Analysis (Stations ENIS, FOYL)
 - 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

Planned 2017/18 Developments

- Replacement of the destroyed EPN BELF station with a new rock-anchored station NW of Belfast.



Planned 2017/18 Developments

- Installation of new GNSS stations to densify the RTK network.
- Participation in the long term project to install an absolute gravity network in Ireland, in conjunction with our Dublin colleagues at OSi.
- Renovation of some historic survey monuments, a number of Triangulation Pillars and the Lough Foyle Basetowers.



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Thank you for your attention

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