

National Report of Northern Ireland & Ireland

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National Reports of Northern Ireland & Ireland



Land and Property Services Agency (LPS) is a new Official Government organisation combining the former land registration, property valuation, rates billing and Ordnance Survey of Northern Ireland.

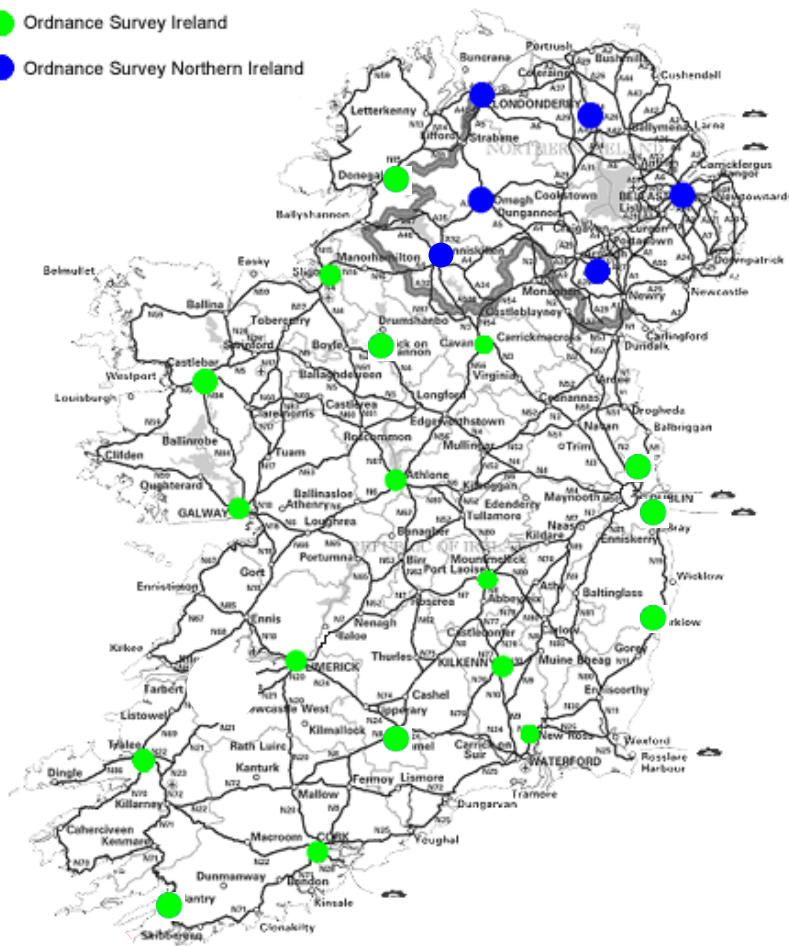


Ordnance Survey Ireland (OSi) is the National Mapping Agency of Ireland

The 2 organisations jointly maintain the geodetic infrastructure for the whole island

Active GPS Network

- Ordnance Survey Ireland
- Ordnance Survey Northern Ireland



- 6 stations operated by LPS
- 18 stations operated by OSi
- Hourly RINEX on www.osi.ie
- LPS stations contribute to;
 - British Isles GPS Archive facility BIGF (hosted by IESSG at the University of Nottingham)
 - Met Office (EUMETNET)
 - EPN Permanent GPS Network (Station BELF)
 - EUREF-IP Real Time Project (Station BELF)

Network RTK

- LPS & OSi operate individual NRTK solutions for internal users including data streams from stations in each others networks and LPS also uses data streams from stations operated by OSGB and the Isle of Man government.
- Two GPS Commercial Partners using data streams from LPS and OSi stations provide an external 'all Ireland' NRTK service for users.
- Reference station hardware at all stations has been upgraded to receive GLONASS signal.
- Five new stations have been installed to densify the network in the Republic of Ireland

Planned 2008/09 Developments

- IRENET08 GPS campaign (Underway) to provide a new realisation of ETRS89 in Ireland.
- Re-computation of Active Station and Zero Order Passive Network coordinates, to EUREF class B specification.
- Relocation of KILK active station to improve network geometry.
- Forced relocation of ENIS active station due to planned destruction of the site monumentation.