



Rialtas na hÉireann  
Government of Ireland



# Ireland National Report

# Irish GNSS Network

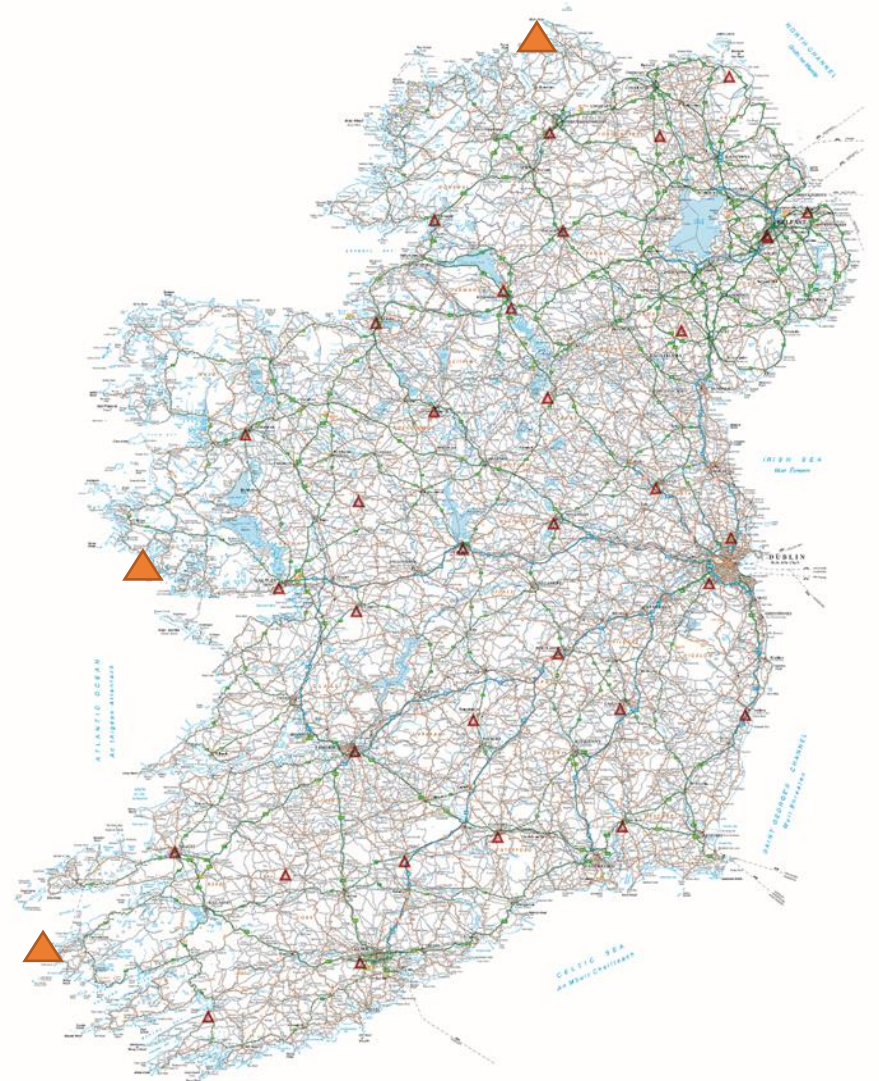
Currently 27 operational stations

25 Leica GR30 receivers / AR10 antenna

2 Leica GR50 receivers / AR20 antenna

1 planned station this year GR50/AR20

1 old station to remove



# Bedrock Stations

Last update in 2019 we were working towards 3 bedrock stations

- Valentia is upgraded and operational – EPN station
- Malin Head is up and running – proposed to join EPN network  
Part of the SONEL project
- Mace Head is in the final stages and we hope to be up and running by the end of the summer.



# Absolute Gravity Network

## Planned AGN for Ireland

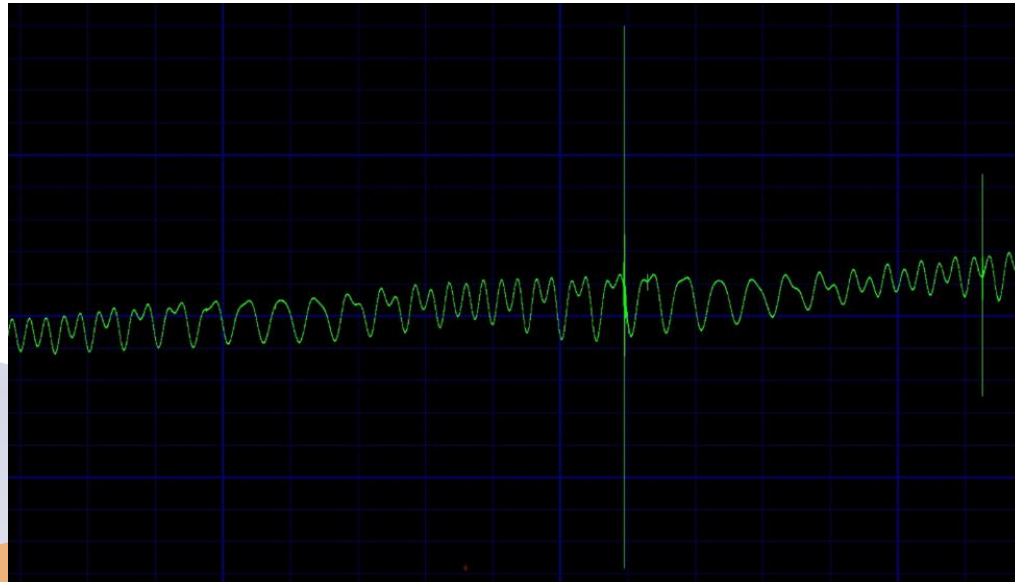
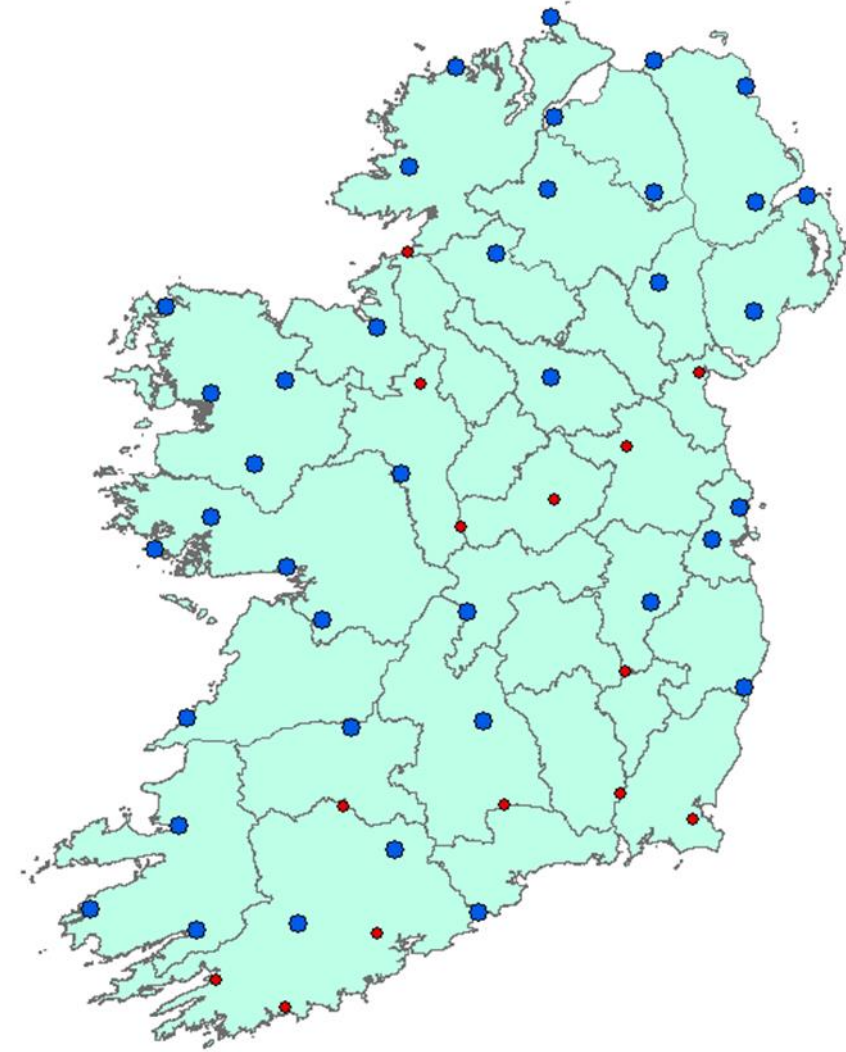
- Approx 50 points
- On bedrock if possible
- Joint project with LPS



# Absolute Gravity Network

Progress to date:

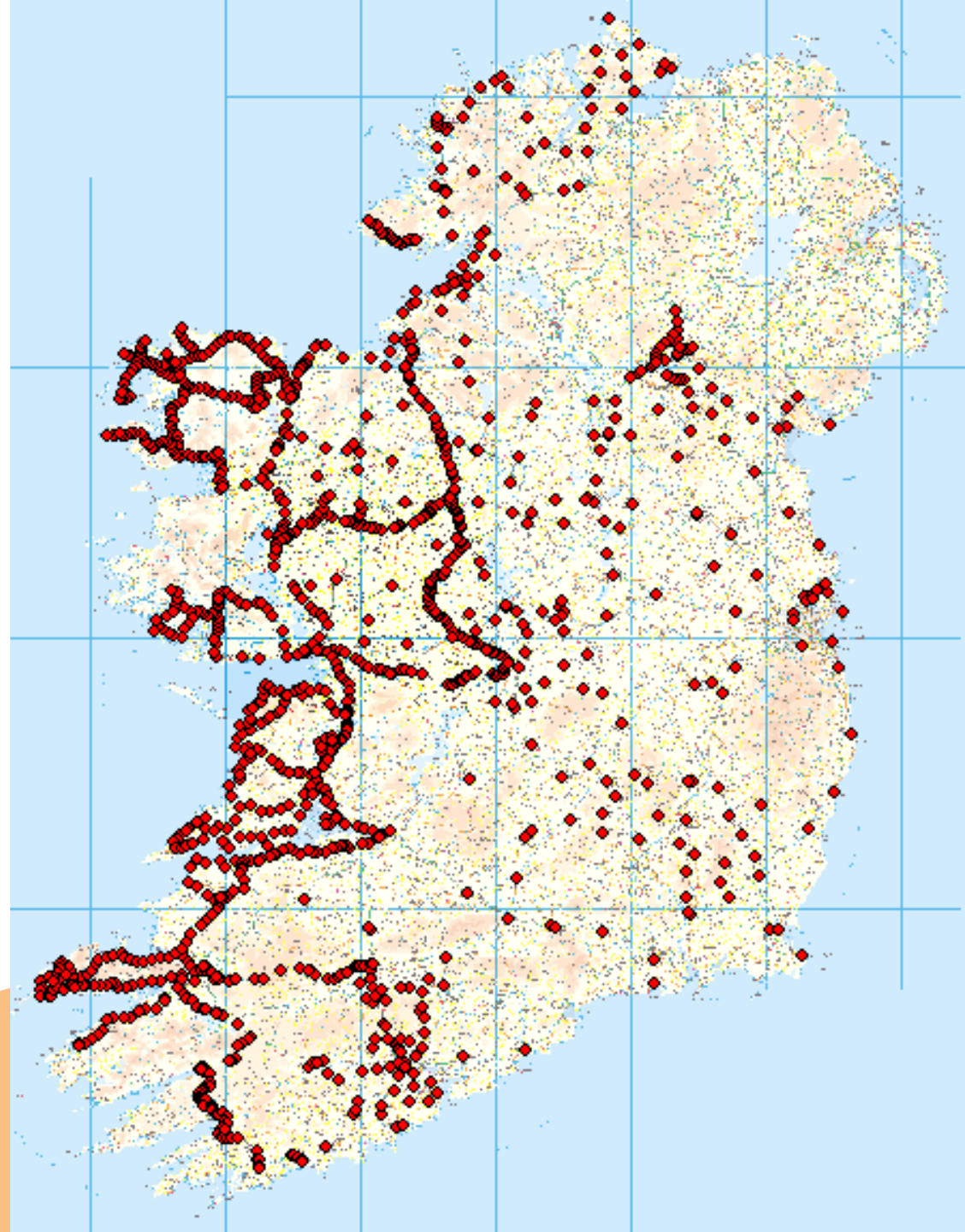
- On hold due to Covid 19 restrictions
- Hoping to restart
- Tidal gravimeter ran for much longer than planned.



# Levelling network expansion

As part of the AGN new levelling was required.

- Extensive levelling campaign for AGN
- Great opportunity to assess our Geoid Model





[www.osi.ie](http://www.osi.ie)