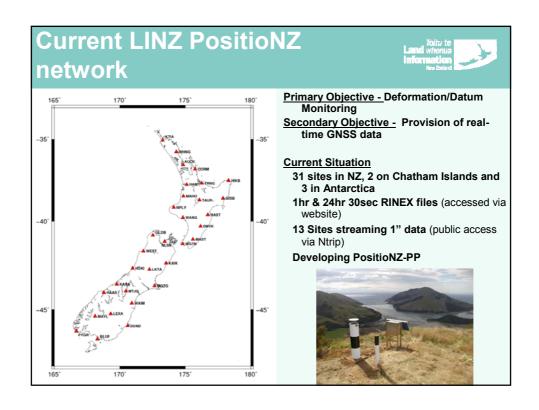
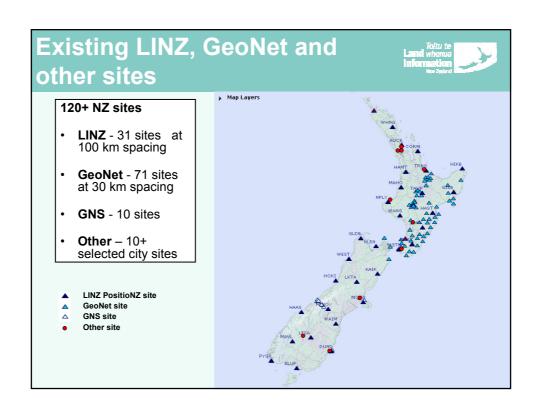


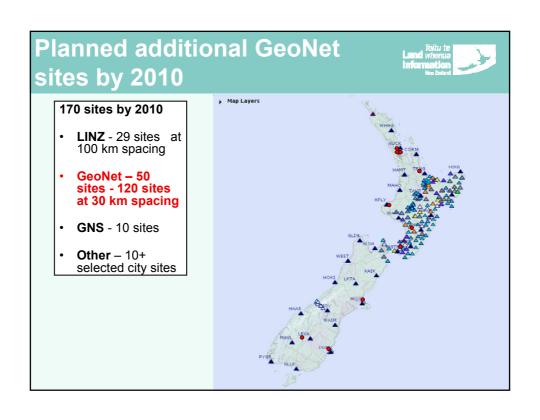
# Future Development of the New Zealand GNSS Continuously Operating System (PositioNZ)

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FIG Working Week 2008

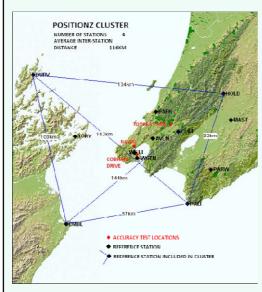






# Research into real time network solution





# 11 PositioNZ and GeoNet stations used

#### Results:

- Configuration of stations has little effect on precision of results
- Density of PositioNZ stations (100km) is sufficient to obtain a network solution; however
- the sparser the network the greater the communication and operational problems

## **Looking forward**



PositioNZ stations by themselves are at an insufficient density to provide a national reliable real time network

### Need to expand the network by:

- Including GEONET stations
- Including other third party stations
- Installing additional stations in areas not covered by the above