



L-Awtorita` ta' Malta Dwar l-Ambjent u l-Ippjanar

Malta Environment & Planning Authority

National Report of Malta

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Presentation to EUREF – June 2008

Precise Levelling Network

- ▶ Remaining 50 BMs of 1989 were replaced.
- ▶ 140 Sections observed – Total Distance 110 Km.
- ▶ New Adjustment of the P.L.N. carried out in May 2008 using StarNet Software
- ▶ Total No. of BMs - 291. All are in place and documented.
- ▶ 370 Sections covering a total distance of 287 km.
- ▶ Network has a redundancy of 80 observations
- ▶ Permissible error of $.001\text{m}/\sqrt{\text{km}}$.

▶ [Link to BM Records](#)

Horizontal Control Network

The Geodetic Network of Malta Comprises:

- 21 I Order Points
- 141 II Order Points

Non of these points is a CORS.

Short term plan is to set up a Permanent GNSS Station in Valletta by end of 2008.

Future Plans are to set up another station on the island of Gozo to obtain full coverage with RTK ability.

Specifications and other Documentation finalised earlier this year and forwarded to the Contracts Office for publication of Call for Tender.

Budget:

- One Permanent Station
- 2 additional Geodetic Receivers for day to day operations.



Aerial photography

- ▶ New Aerial Photography taken in April 2008.
- ▶ One flight at 1:10,000 scale which will serve for a new orthophotomap.
- ▶ One flight at 1:4,000 scale for 1:1,000 mapping.

~75% of the urban area in mainland Malta is mapped at 1:1,000.

Last orthophotomap of Malta was produced in 2004.

Thanks for your attention!

