



Australian Government

Geoscience Australia

Geodetic Connections to Tide Gauge at Port Kembla

RESULTS OF OPTICAL LEVELLING

Bench Mark Name	PM 11143	PM 70948	PM 70947	PM 70946	Bolt	PSM 45274
AHD Ht (m) Jun 1992	7.177	9.0914	6.6254	6.2523	4.1149	4.1732
AHD Ht (m) Sep 1993 ¹		9.0914	6.6259	6.2527	-	-
AHD Ht (m) Sep 1993 ²		9.0914	6.6256	6.2526	-	-
AHD Ht (m) Jun 1995 ²		9.0914	6.6254	6.2526	-	-
AHD Ht (m) Jul 1998 ²		9.0914	6.6256	6.2527	4.1154	4.1738
AHD Ht (m) Jun 1999 ²		9.0914	6.6253	6.2525	-	-
AHD Ht (m) 2001 ²		9.0914	6.6256	6.2526	4.1150	4.1735
AHD Ht (m) 2003 ²		9.0914	6.6256	6.2526	4.1153	4.1738
AHD Ht (m) 2005 ²		9.0914	6.6255	6.2527	4.1152	4.1735
AHD Ht (m) 2009 ³		9.0914	6.6252	6.2524	4.1152	4.1736
Comments	Unknown. Datum for AHD heights	Metal rod in rock. Coastal array Primary BM	Metal rod in rock. Coastal array BM	Metal rod in rock. Coastal array BM	Bolt in H- frame	Tide Gauge. Seaframe sensor BM

Notes:

- 1 N3 level used
- 2 NA3000 level used
- 3 DNA03 level used