



# Australian Government

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## Geoscience Australia

### Geodetic Connections to Tide Gauge at Portland

#### RESULTS OF OPTICAL LEVELLING

Bench Mark Name	AHD Ht (m) Nov 1991	AHD Ht (m) Nov 1993	AHD Ht (m) Oct 1994	AHD Ht (m) May 1995	AHD Ht (m) Feb 1998	AHD Ht (m) Aug 1998	AHD Ht (m) Nov 2000	AHD Ht (m) Nov 2002	AHD Ht (m) Mar 2005	AHD Ht (m) Dec 2006	Comments
Portland PM 116	8.6620	8.6620	8.6620	8.6620	8.6620	8.6620	8.6620	8.6620	8.6620	8.6620	Datum for AHD heights. Coastal array primary BM (GBM 103)
GPS Pillar	-	-	-	3.3706	-	-	-	-	-	-	-
Portland PM 409	-	-	-	2.7963	2.7984	2.7959	2.7960	2.7960	2.7969	2.7973	Coastal array BM (P204-5H).
Portland PM 393	3.5166	3.5166	3.5169	3.5165	3.5188	3.5162	3.5162	3.5162	3.5172	3.5175	Coastal array BM (P203-1H)
Portland PM 387	3.4085	3.4087	3.4088	3.4086	3.4107	3.4086	3.4084	3.4089	3.4097	3.4095	Coastal array BM (1464-2H)
Portland PM 386	2.931	2.9303	2.9299	2.9287	2.9303	2.9268	2.9278	2.9248	2.9257	2.9257	Coastal array BM (1464-1). On pier.
T.G. Ext. Datum	-	2.9177	2.9178	2.9172	2.9196	2.9167	2.9188	2.9170	2.9188	2.9195	Seaframe sensor recovery BM. On pier.

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Cnr Jerrabomberra Ave & Hindmarsh Dve  
 GPO Box 378, SYMONSTON, ACT, 2609 Australia  
 Phone: 61 2 6249 9111  
 Web Site <http://www.ga.gov.au>