



Australian Government

Geoscience Australia

Geodetic Connections to Tide Gauge at Thevenard

RESULTS OF OPTICAL LEVELLING

Bench Mark Name	AHD Ht (m) Aug 1991	AHD Ht (m) Mar 1992	AHD Ht (m) Apr 1994	AHD Ht (m) May 1995	AHD Ht (m) Jun 1995	AHD Ht (m) Jun 1999	AHD Ht (m) Sep 2002	AHD Ht (m) Nov 2005	Comments
BM 1153	2.9350	-	2.9351	-	-	-	-	-	Datum for AHD heights.
BM 1476	4.4787	4.4787	4.4787	4.4787	4.4787	4.4787	4.4787	4.4787	Primary Coastal array BM.
BM 1478	4.7812	4.7813	4.7811	4.7814	4.7815	4.7828	4.7828	4.7827	Coastal array BM.
BM 1479	11.7187	11.7189	11.7186	11.7185	11.7182	11.7184	11.7186	11.7196	Coastal array BM.
BM 1487	15.9773	15.9780	15.9779	15.9779	15.9778	15.9780	15.9790	15.9818	Coastal array BM.
5633/1581	4.211	-	4.212	4.212	-	-	-	-	Seaframe Sensor Recovery Mark
5633/1591	4.4977	4.4979	4.4500	4.4995	4.5001	4.4995	4.4999	4.5011	Seaframe Sensor BM
5633/1680	-	-	-	16.5410	16.5410	16.5409	16.5422	16.5452	Coastal array Pillar See #1

Note # 1 - Bench Mark 5633/1680 levelled to top of 5/8" threaded stub that is 14mm above the surface of the pillar plate. Ratcliff B, email 2002.