

Geodetic Connections to Tide Gauge at Hillarys

RESULTS OF PRECISE LEVELLING

Bench Mark Name	HZ 879	HAMERSLEY 163	HAMERSLEY 164	DMH 19	DMH 20	HAMERSLEY 130T 1	HAMRSLEY NEW T 1	TIDEPIN 1	TIDEPIN 2
AHD Ht (m) Mar 1992	3.448	3.217	2.975	1.516	1.510	4.132			
AHD Ht (m) May 1993	3.448	3.217	2.975	1.515	1.509	4.131			
AHD Ht (m) Jun 1995	3.448	3.216	2.974	1.515	1.509	4.131			
AHD Ht (m) Jul 1998	3.448	3.217	2.975	1.515	1.509	4.131			
AHD Ht (m) Nov 1998	3.448	3.217	2.975	1.515	1.509	4.131			
AHD Ht (m) Jul 2001	3.448	3.217	2.974	1.515	1.508	4.132			
AHD Ht (m) Sep 2003	3.448	3.217	2.975	1.516	1.510	4.132			
AHD Ht (m) Nov 2005	3.448	3.217	2.975	1.516	1.510	4.134			
AHD Ht (m) Nov 2007	3.448	3.217	2.975	1.515	1.508	4.132			
AHD Ht (m) Oct 2009	3.448	3.216	2.975	1.516	1.510	4.133			
AHD Ht (m) Mar 2011	3.448	3.217	2.975	1.516	1.509	4.133			
AHD Ht (m) Mar 2014	3.448	3.217	2.975	1.516	1.509	4.131			
AHD Ht (m) May 2017	3.448	3.217	2.975	1.516	1.509	4.132			
AHD Ht (m) Sep 2019	3.448	3.217	2.976	1.518	1.511	4.134			
AHD Ht (m) Oct 2021	3.448	3.217	2.975	1.516	1.510	4.133			
AHD Ht (m) May 2023	3.448	3.217	2.975	1.516	1.509	4.132			
AHD Ht (m) May 2024	3.448			1.515	1.508		4.293	4.372	3.695
Comments	Datum for AHD heights.	Coastal array BM.	Coastal array BM.	Coastal array BM.	Coastal array BM.	Hillarys Tide Gauge BM	Hillarys Tide Gauge BM	Tide pin on sea frame	Vega Sensor

Notes:
Elevations are based on the published AHD value for **HZ 879** at 3.448m.

Tide Gauge was refurbished in June 2023. **HAMERSLEY 130T 1** and **HAMERSLEY NEW T 1** are the same point on the sea frame.