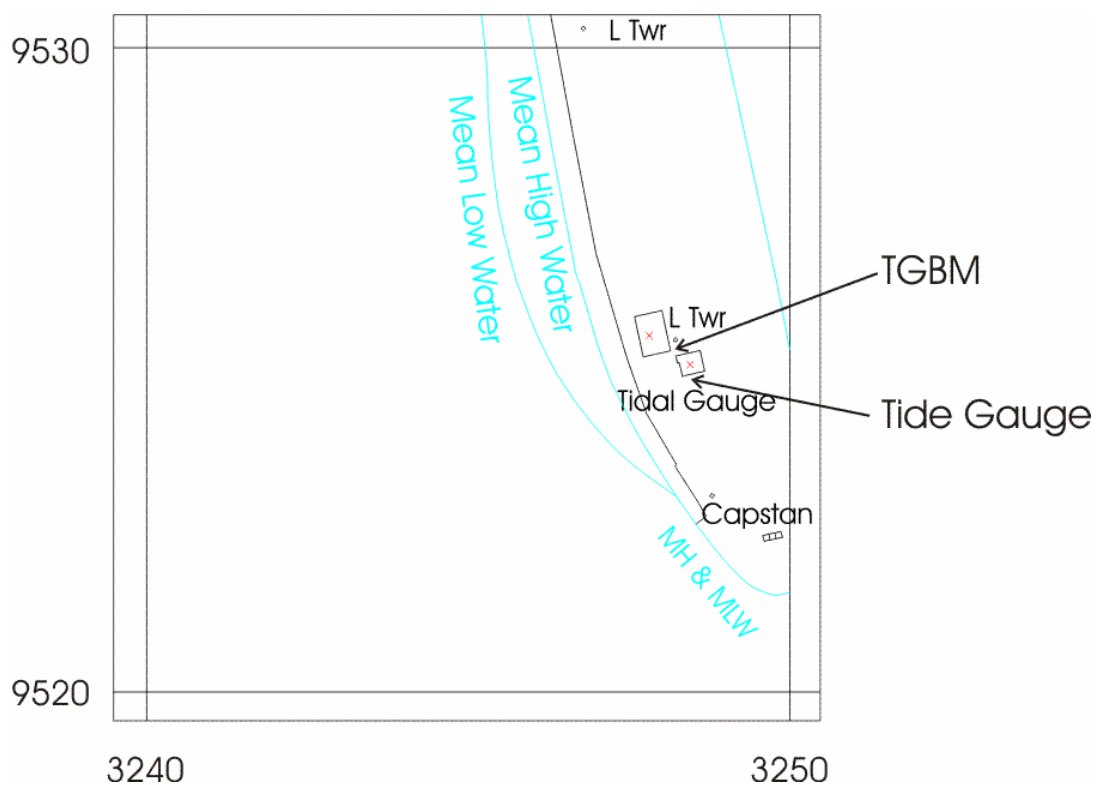


Gladstone Dock (Liverpool) site history



©Crown copyright. All rights reserved NERC 100017897 2007



History summary

Station name	Liverpool, Gladstone Dock
Country	England, U.K.
Latitude of measuring point	53° 26' 58.9" N
Longitude of measuring point	03° 01' 05.3" W
OS grid ref. of measuring point	SJ 3248 9525
Datum reference	All data refer to Admiralty Chart Datum (ACD)

	ACD = ODN -4.93m
Time reference	GMT (hours 00-23)
Contributor	Tide Gauge Inspectorate (TGI), Proudman Oceanographic Laboratory, Joseph Proudman Building, 6 Brownlow Street, Liverpool, L3 5DA, U.K.
Instrument type	1991 - DATARING system installed with dual full tide pressure points and datum probe. 1995 - Wind speed and direction instruments installed. The Tide Gauge consists of a pneumatic bubbler system supplying two full tide pressure points. These are mounted on steelwork attached to an access ladder on the seaward side of the Dock entrance. Both pressure lines, wind speed and direction are monitored by the DATARING datalogger
Site of measuring point	The measuring points are attached to the harbour wall at Gladstone Dock entrance.
Position of tide gauge building	SJ 3248 9525 - Brick building at Gladstone Dock entrance
Observational periods	1991-2011

Benchmark descriptions

Benchmark	OS grid ref.	Description	Height above ODN (m)
TGBM	SJ 3249 9525	NBM rivet NE face E angle base of building	9.388
Aux1	SJ 3250 9523	DEMOLISHED	N/A
Aux2	SJ 3244 9538	Building wall E face SE angle	N/A
Aux3	SJ 3294 9558	Rivet concrete adjacent to building No 335	N/A
BM	SJ 3272 9519	Cut mark N face building E of swing bridge	7.63

TGZ = Admiralty Chart Datum (ACD)

TGZ = 4.93m below Ordnance Datum Newlyn (ODN)

TGZ = 14.475m below TGBM

Ordnance Datum Newlyn (ODN) is based on mean sea level at Newlyn between 1915 and 1921 (inclusive).

Data quality

The data have been screened and quality controlled using BODC procedures and standards.