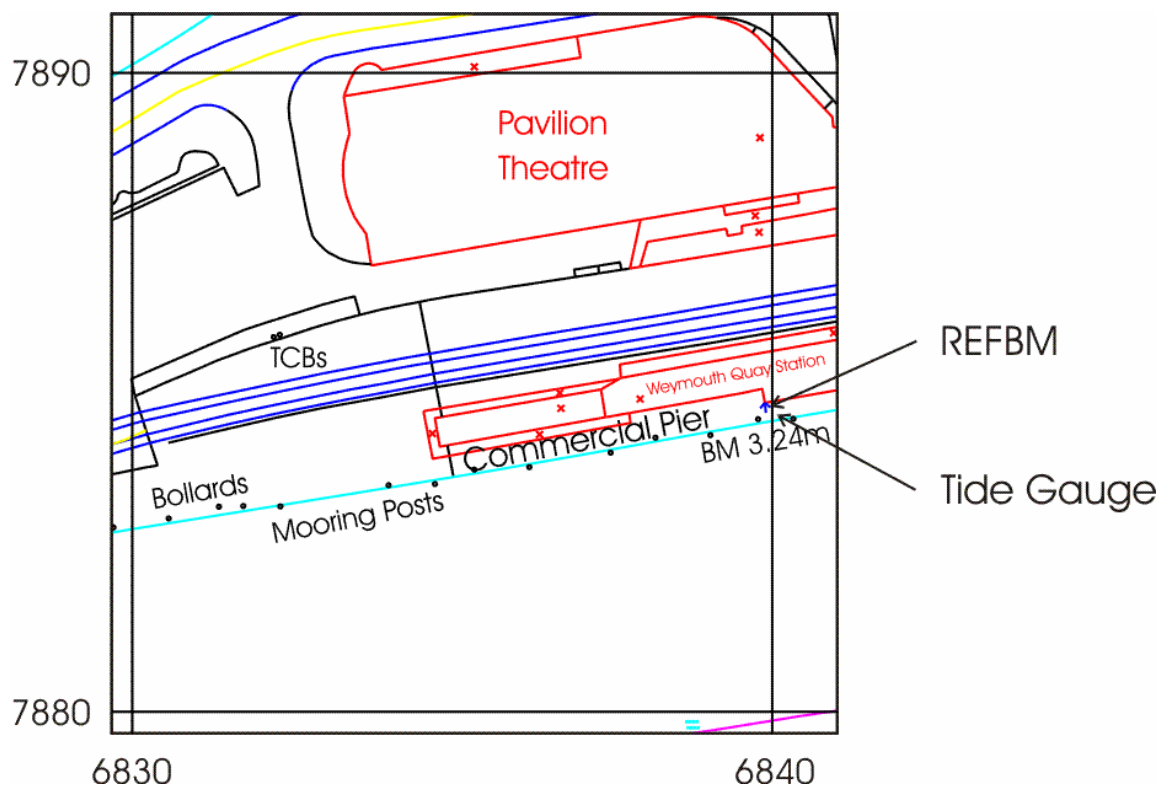


## Weymouth (Dorset) site history



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## History summary

<b>Station name</b>	Weymouth
<b>Country</b>	England, U.K.
<b>Latitude of measuring point</b>	50° 36' 30.6" N
<b>Longitude of measuring point</b>	02° 26' 52.6" W
<b>OS grid ref. of measuring point</b>	SY 6840 7885

<b>Datum reference</b>	All data refer to Admiralty Chart Datum (ACD) ACD = ODN -0.93m
<b>Time reference</b>	GMT (hours 00-23)
<b>Contributor</b>	Tide Gauge Inspectorate (TGI), Proudman Oceanographic Laboratory, Joseph Proudman Building, 6 Brownlow Street, Liverpool, L3 5DA, U.K.
<b>Instrument type</b>	1991 - DATARING system installed, with two pneumatic bubbler systems.
<b>Site of measuring point</b>	The measuring points are located on the pier wall directly in front of the tide gauge building
<b>Position of tide gauge building</b>	SY 6840 7885 - GRP building located on Commercial Pier adjacent to the ferry terminal
<b>Observational period</b>	1991-2011

### Benchmark descriptions

<b>Benchmark</b>	<b>OS grid ref.</b>	<b>Description</b>	<b>Height above ODN (m)</b>
TGBM	SY 6826 7882	Bolt corner of quay wall NW side N angle	3.314
Aux1	SY 6822 7886	Bolt sea wall 5.5M W steps	3.443
Aux2	SY 6813 7888	Right base NW pillar NE entrance Alexandra garden	3.704
Aux3	SY 6810 7893	Bolt sea wall 10.1M NW shelter	3.477
Aux4	SY 6806 7908	Bolt N base STS aquarium E side of esplanade	3.845
Ref BM	SY 6837 7884	Bolt concrete SW corner of building adjacent to T.G. Building	3.245

TGZ = Admiralty Chart Datum (ACD)

TGZ = 1.02m below Ordnance Datum Newlyn (ODN)

TGZ = 4.334m 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.