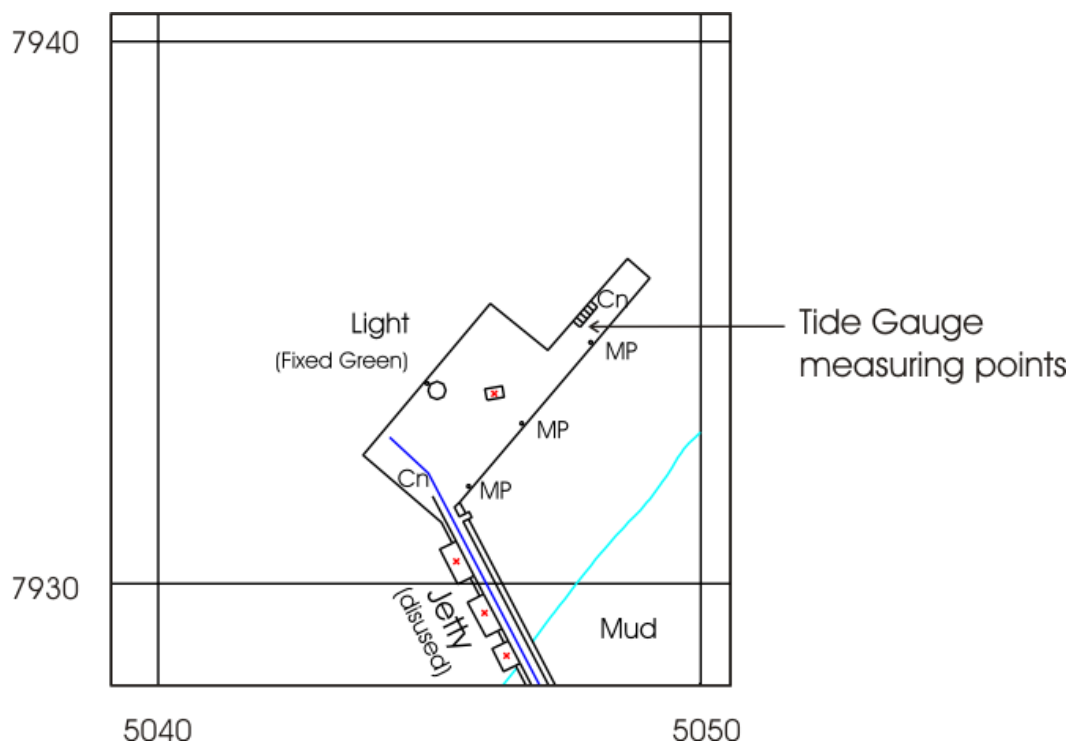


## Avonmouth site history



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## History summary

<b>Station name</b>	Avonmouth
<b>Country</b>	England U.K.
<b>Latitude of measuring point</b>	51° 30' 27.9" N
<b>Longitude of measuring point</b>	02° 42' 45.9" W
<b>OS grid ref. of measuring point</b>	ST 5047 7934
<b>Datum reference</b>	All data refer to Admiralty Chart Datum

	(ACD) ACD = ODN -6.50m
<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>	Prior to 1984 - Port of Bristol Authority instrument. 1984 - DATARING system installed, Bubbler system. 1984 - Jetty hit by ship, equipment damaged. 1986 - DATARING - Bubbler system reinstalled. 1993 - DATARING - Underwater transducers installed
<b>Site of measuring point</b>	Mounted on superstructure of the wartime jetty.
<b>Position of tide gauge building</b>	ST 5063 7900 - G.R.P. Building
<b>Observational periods</b>	1961-1962, 1972-1976, 1979-1984, 1986-2011

### Benchmark descriptions

Benchmark	OS grid ref.	Description	Height above ODN (m)
TGBM	ST 5057 7881	OSBM bolt at base of bollard	9.211
Aux1	ST 5072 7859	Rivet adjacent to transit shed NW face W angle	9.480

TGZ = Admiralty Chart Datum (ACD)

TGZ = 6.50m below Ordnance Datum Newlyn (ODN)

TGZ = 15.711m 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.

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