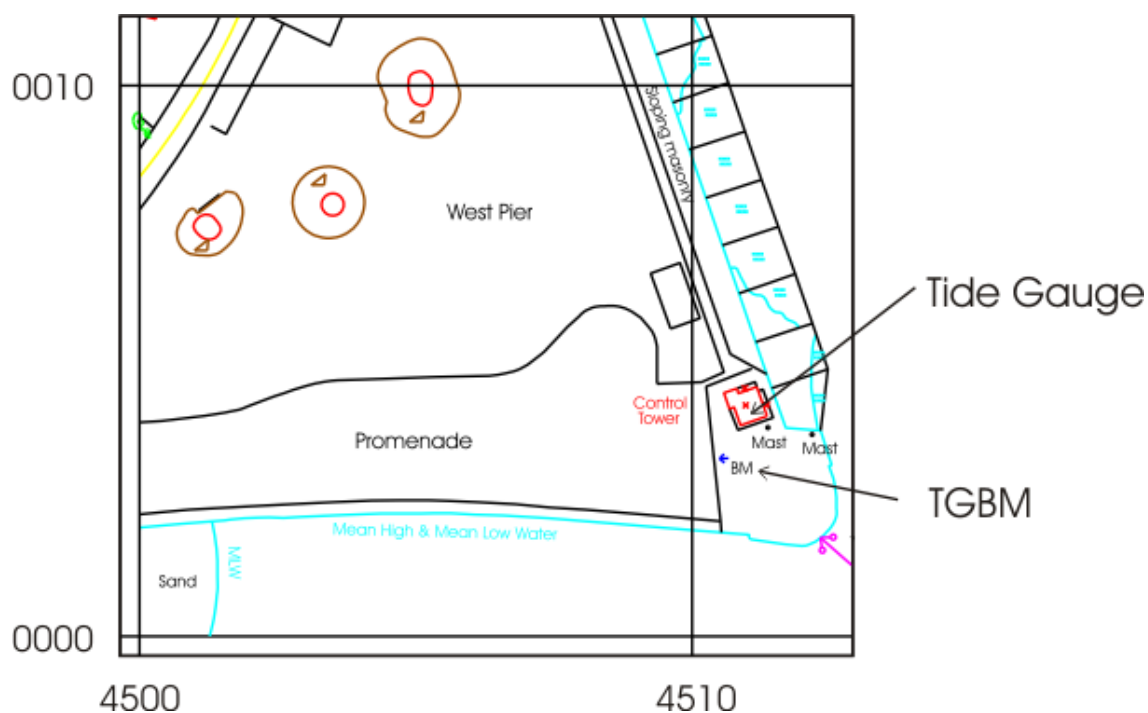


## Newhaven (Sussex) site history



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## History summary

<b>Station name</b>	Newhaven
<b>Country</b>	England, U.K.
<b>Latitude of measuring point</b>	50° 46' 54.4" N
<b>Longitude of measuring point</b>	00° 03' 25.3" E
<b>OS grid ref. of measuring point</b>	TQ 4511 0004
<b>Datum reference</b>	All data refer to Admiralty Chart Datum

	(ACD) ACD = ODN -3.52m
<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>	1980 - 1989 Ott pneumatic with chart recorder and Ott punch tape off one pressure point. Backup system - Aanderaa. 1990 - DATARING and bubbler system installed. 1990 - Ott pneumatic gauge installed. 1991 - Bubbler system removed due to harbour works. 1992 - Bubbler system reinstated. 1998 - Wind speed and direction instruments installed.
<b>Site of measuring point</b>	The measuring points are located on the east side of the port entrance
<b>Position of tide gauge building</b>	TQ 4511 0004 - Port Control tower on East side of port entrance. The anemometer and wind vane are located on the signals mast
<b>Observational periods</b>	1982-1987, 1991-2011

### Benchmark descriptions

<b>Benchmark</b>	<b>OS grid ref.</b>	<b>Description</b>	<b>Height above ODN (m)</b>
TGBM	TQ 4510 0003	OSBM bolt concrete 7.4M SW of SW angle of tower	5.278
Aux1	TQ 4495 0001	OSBM bolt concrete sea wall 154.3M SW of tower	5.829
Aux2	TQ 4503 0008	Steel ball on Gun mount	5.496
Aux3		Not listed	
Ref Pin	TQ 4511 0003	Andrews Hydrographic Pin	5.059

TGZ = Admiralty Chart Datum (ACD)

TGZ = 3.52m below Ordnance Datum Newlyn (ODN)

TGZ = 8.783m 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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