

Aden Tide Gauge

Site of Gauge:

The tide gauge is located at Pilots Pier in the district of Tawihi. The area around the tide gauge hut is used by the Technical Department of the Gulf of Aden Ports Corporation.

Summary:

Station Name:	Aden
Country:	Republic of Yemen
Latitude of measuring point:	12° 47' 18" N
Longitude of measuring point:	44° 58' 27" E
Time Reference:	GMT (hours 00-23)
Contributor:	Port of Aden
Observational period:	9 October 2007 to 30 April 2010

Instrumentation:

Primary Channel:	OTT Kalesto Radar Sensor
Secondary Channels:	2 x OTT ODS4-K Pressure Sensors

Datum Information:

All data refer to local Chart Datum.

Benchmarks:

Benchmark	Description
ADEN-BM-CEO	Main Benchmark at Chief's Engineers Office
ADEN-BM01	Benchmark at Tide Gauge
ADEN-BM01-old	Old Tide Gauge Benchmark
ADEN-BM02	Benchmark at Electrical office
ADEN-BM03	Benchmark at Pier (north side)
ADEN-BM04	Benchmark in the wall of the Technical Department
ADEN-BM05	Benchmark in Christ Church at Ras Morbat

Datum Relationships:

TGZ = Chart Datum

TGZ = 4.134m below ADEN-BM-CEO

TGZ = 3.350m below ADEN-BM01

TGZ = 2.803m below ADEN-BM01-old

TGZ = 4.066m below ADEN-BM02

TGZ = 3.018m below ADEN-BM03

TGZ = 3.996m below ADEN-BM04

TGZ = 4.318m below ADEN-BM05

Quality Assessment

All data have been compared with the current Harmonic Constants library, and residuals checked. Records have been visually inspected for spikes, datum shifts and timing errors.

Large gaps appear in the data over the following intervals

Missing data start (dd/mm/yyyy HH:MM)

14/05/2008 07:38

Missing data end (dd/mm/yyyy HH:MM)

25/05/2008 10:22