

# Nouakchott Tide Gauge

## **Site of Gauge:**

The tide gauge is situated at the end of the main pier of the new jetty of Nouakchott harbour, near the meteorological observatory.

## **Summary:**

Station Name:	Nouakchott
Country:	Mauritania
Latitude of measuring point:	17° 59' 22.4'' N
Longitude of measuring point:	16° 02' 13.05'' W
Time Reference:	GMT (hours 00-23)
Contributor:	Port Autonome de Nouakchott
Observational period:	5 January 2007 to 30 April 2009

## **Instrumentation:**

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

## **Datum Information:**

All data refer to bolt on steel tube used as stilling well.

## **Benchmarks:**

<b>Benchmark</b>	<b>Description</b>
Bolt	Bolt soldered onto pressure sensors steel tube near radar arm.

## **Datum Relationships:**

Chart Datum = 6.517m below Bolt

## **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.

Many short gaps exist in the data.

Large gaps appear in the data over the following intervals

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

25/01/2007 08:30  
06/01/2008 04:41  
24/02/2008 18:47  
13/05/2009 08:46  
12/09/2009 15:01  
11/04/2010 03:15

29/01/2007 08:29  
13/01/2008 10:15  
10/06/2008 10:30  
25/05/2009 08:15  
02/11/2009 09:15  
20/04/2010 11:10