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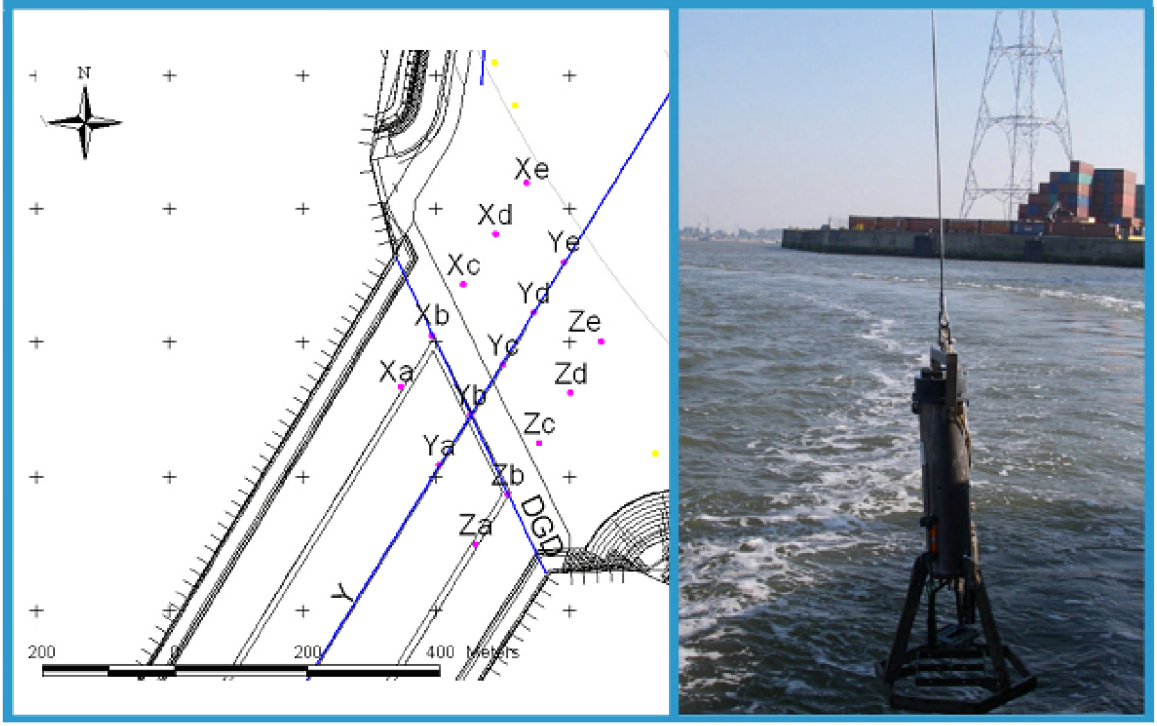
Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing

Bestek 16EB/05/04

Measurement locations Deurganckdok (left) & SiltProfiler (right)



Deelrapport 2.29: 13u-meting SiltProfiler 29 September 2008
Ingang Deurganckdok

Report 2.29: Through Tide Measurement SiltProfiler 29 September 2008
at the entrance of Deurganckdok

31 May 2009

I/RA/11283/08.090/MSA

i.s.m.

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1. INTRODUCTION

1.1. The assignment

This report is part of the set of reports describing the results of the long-term measurements conducted in Deurganckdok aiming at the monitoring and analysis of silt accretion. This measurement campaign is an extension of the study "Extension of the study about density currents in the Beneden Zeeschelde" as part of the Long Term Vision for the Scheldt estuary. It is complementary to the study 'Field measurements high-concentration benthic suspensions (HCBS 2)'.

The terms of reference for this study were prepared by the 'Departement Mobiliteit en Openbare Werken van de Vlaamse Overheid, Afdeling Waterbouwkundig Laboratorium' (16EB/05/04). The repetition of this study was awarded to International Marine and Dredging Consultants NV in association with WL|Delft Hydraulics and Gems International on 10/01/2006. The project term was prolonged with an extra year from April 2007 till March 2008 and a second time prolonged with one extra year from April 2008 till March 2009.

Waterbouwkundig Laboratorium– Cel Hydrometrie Schelde provided data on discharge, tide, salinity and turbidity along the river Scheldt and provided survey vessels for the long term and through tide measurements. Afdeling Maritieme Toegang provided maintenance dredging data. Agentschap voor Maritieme Dienstverlening en Kust – Afdeling Kust and Port of Antwerp provided depth sounding measurements.

The execution of the study involves a twofold assignment:

- Part 1: Setting up a sediment balance of Deurganckdok covering a period of two years, i.e. 04/2007 – 03/2009
- Part 2: An analysis of the parameters contributing to siltation in Deurganckdok

1.2. Purpose of the study

The Lower Sea Scheldt (Beneden Zeeschelde) is the stretch of the Scheldt estuary between the Belgium-Dutch border and Rupelmonde, where the entrance channels to the Antwerp sea locks are located. The navigation channel has a sandy bed, whereas the shallower areas (intertidal areas, mud flats, salt marshes) consist of sandy clay or even pure mud sometimes. This part of the Scheldt is characterized by large horizontal salinity gradients and the presence of a turbidity maximum with depth-averaged concentrations ranging from 50 to 500 mg/l at grain sizes of 60 - 100 μm. The salinity gradients generate significant density currents between the river and the entrance channels to the locks, causing large siltation rates. It is to be expected that in the near future also the Deurganckdok will suffer from such large siltation rates, which may double the amount of dredging material to be dumped in the Lower Sea Scheldt.

Results from the study may be interpreted by comparison with results from the HCBS and HCBS2 studies covering the whole Lower Sea Scheldt. These studies included through-tide measurement campaigns in the vicinity of Deurganckdok and long term measurements of turbidity and salinity in and near Deurganckdok.

The first part of the study focuses on obtaining a sediment balance of Deurganckdok. Aside from natural sedimentation, the sediment balance is influenced by the maintenance and capital dredging works. This involves sediment influx from capital dredging works in the Deurganckdok, and internal relocation and removal of sediment by maintenance dredging works. To compute a sediment balance an inventory of bathymetric data (depth soundings), density measurements of the

deposited material and detailed information of capital and maintenance dredging works will be made up.

The second part of the study is to gain insight in the mechanisms causing siltation in Deurganckdok, it is important to follow the evolution of the parameters involved, and this on a long and short term basis (long term & through-tide measurements). Previous research has shown the importance of water exchange at the entrance of Deurganckdok is essential for understanding sediment transport between the dock and the Scheldt river.

1.3. Overview of the study

1.3.1. Reports

Reports of the project 'Opvolging aanslibbing Deurganckdok' between April 2008 till March 2009 are summarized in Table 1-1. An overview of the HCBS2, 'Opvolging aanslibbing Deurganckdok' (between April 2006 till March 2007) and 'Opvolging aanslibbing Deurganckdok' (between April 2007 till March 2008) reports are given in APPENDIX J.

This report, report 2.29, is one of set of reports for understanding the sediment transport between Deurganckdok and the river Scheldt, which belongs to the second part of this project.

Table 1-1: Overview of Deurganckdok Reports between April 2008 till March 2009

Report	Description
Sediment Balance: Bathymetry surveys, Density measurements, Maintenance and construction dredging activities	
1.20	Sediment Balance: Three monthly report 1/4/2008 - 30/6/2008 (I/RA/11283/08.076/MSA)
1.21	Sediment Balance: Three monthly report 1/7/2008 – 30/9/2008 (I/RA/11283/08.077/MSA)
1.22	Sediment Balance: Three monthly report 1/10/2008 – 31/12/2008 (I/RA/11283/08.078/MSA)
1.23	Sediment Balance: Three monthly report 1/1/2009 – 31/03/2009 (I/RA/11283/08.079/MSA)
1.24	Annual Sediment Balance (I/RA/11283/08,080/MSA)
Factors contributing to salt and sediment distribution in Deurganckdok: Salt-Silt (OBS3A) & Frame measurements, Through tide measurements (SiltProfiling & ADCP) & Calibrations	
2.20	Through tide measurement Sediview DGD during average tide Spring 2008 – 19 June 2008 (I/RA/11283/08.081/MSA)
2.21	Through tide measurement Sediview DGD during average tide Spring 2008 –26 June 2008 (I/RA/11283/08.082/MSA)
2.22	Through tide measurement Sediview DGD during neap tide Summer 2008 – 24 September 2008 (I/RA/11283/08.083/MSA)
2.23	Through tide measurement Sediview DGD during spring tide Summer 2008 – 30 September 2008 (I/RA/11283/08.084/MSA)
2.24	Through tide measurement Sediview DGD during neap tide Autumn 2008 (I/RA/11283/08.085/MSA)
2.25	Through tide measurement Sediview DGD during spring tide Autumn 2008 (I/RA/11283/08.086/MSA)
2.26	Through tide measurement Sediview DGD during neap tide Winter 2009 (I/RA/11283/08.087/MSA)
2.27	Through tide measurement Sediview DGD during spring tide Winter 2009

Report	Description
	(I/RA/11283/08.088/MSA)
2.28	Through tide measurement ADCP eddy DGD Summer 2008 – 1 October 2008 (I/RA/11283/08.089/MSA)
2.29	Through tide measurement Siltprofiler DGD Summer 2008 – 29 September 2008 (I/RA/11283/08.090/MSA)
2.30	Through tide measurement Siltprofiler DGD Winter 2009 (I/RA/11283/08.091/MSA)
2.31	Through tide measurement Salinity Profiling DGD Winter 2009 (I/RA/11283/08.092/MSA)
2.32	Salt-Silt distribution Deurganckdok: Six monthly report 1/4/2008 - 30/9/2008 (I/RA/11283/08.093/MSA)
2.33	Salt-Silt distribution Deurganckdok: Six monthly report 1/10/2008 – 31/3/2009 (I/RA/11283/08.094/MSA)
2.34	Calibration stationary & mobile equipment Autumn 2008 (I/RA/11283/08.095/MSA)
Boundary Conditions: Upriver Discharge, Salt concentration Scheldt, Bathymetric evolution in access channels, dredging activities in Lower Sea Scheldt and access channels	
3.20	Boundary conditions: Six monthly report 1/4/2008 – 30/09/2008 (I/RA/11283/08.096/MSA)
3.21	Boundary conditions: Six monthly report 1/10/2008 – 31/03/2009 (I/RA/11283/08.097/MSA)
Analysis	
4.20	Analysis of Siltation Processes and Factors (I/RA/11283/08.098/MSA)

1.3.2. Measurement actions

Following measurements have been carried out during the course of this project:

1. Monitoring upstream discharge in the river Scheldt.
2. Monitoring Salt and sediment concentration in the Lower Sea Scheldt taken from on permanent data acquisition sites at Oosterweel, Prosperpolder and up- and downstream of the Deurganckdok.
3. Long term measurement of salt distribution in Deurganckdok.
4. Long term measurement of sediment concentration in Deurganckdok
5. Monitoring near-bed processes in the central trench in the dock, near the entrance as well as near the landward end: near-bed turbidity, near-bed current velocity and bed elevation variations are measured from a fixed frame placed on the dock's bed.
6. Measurement of current, salt and sediment transport at the entrance of Deurganckdok for which ADCP backscatter intensity over a full cross section are calibrated with the Sediview procedure and vertical sediment and salt profiles are recorded with the SiltProfiler equipment
7. Through tide measurements of vertical sediment concentration profiles -including near bed highly concentrated suspensions- with the SiltProfiler equipment. Executed over a grid of points near the entrance of Deurganckdok.
8. Monitoring dredging activities at entrance channels towards the Kallo, Zandvliet and Berendrecht locks

9. Monitoring dredging and dumping activities in the Lower Sea Scheldt

In situ calibrations were conducted on several dates to calibrate all turbidity and conductivity sensors (IMDC, 2006a, IMDC, 2007a and 2008f).

1.4. Structure of the report

This report is the factual data report of the through tide measurements at Deurganckdok on the 29th of September, 2008. The first chapter comprises an introduction. The second chapter describes the measurement campaign and the equipment. Chapter 3 describes the course of the actual measurements. The measurement results and processed data are presented in Chapter 4, whereas chapter 5 gives a preliminary analysis of the data.

2. THE MEASUREMENT CAMPAIGN

2.1. Overview of the studied parameters

The first part of the study aims at determining a sediment balance of Deurganckdok and the net influx of sediment. The sediment balance comprises a number of sediment transport modes: deposition, influx from capital dredging works, internal replacement and removal of sediments due to maintenance dredging (Figure 2-1).

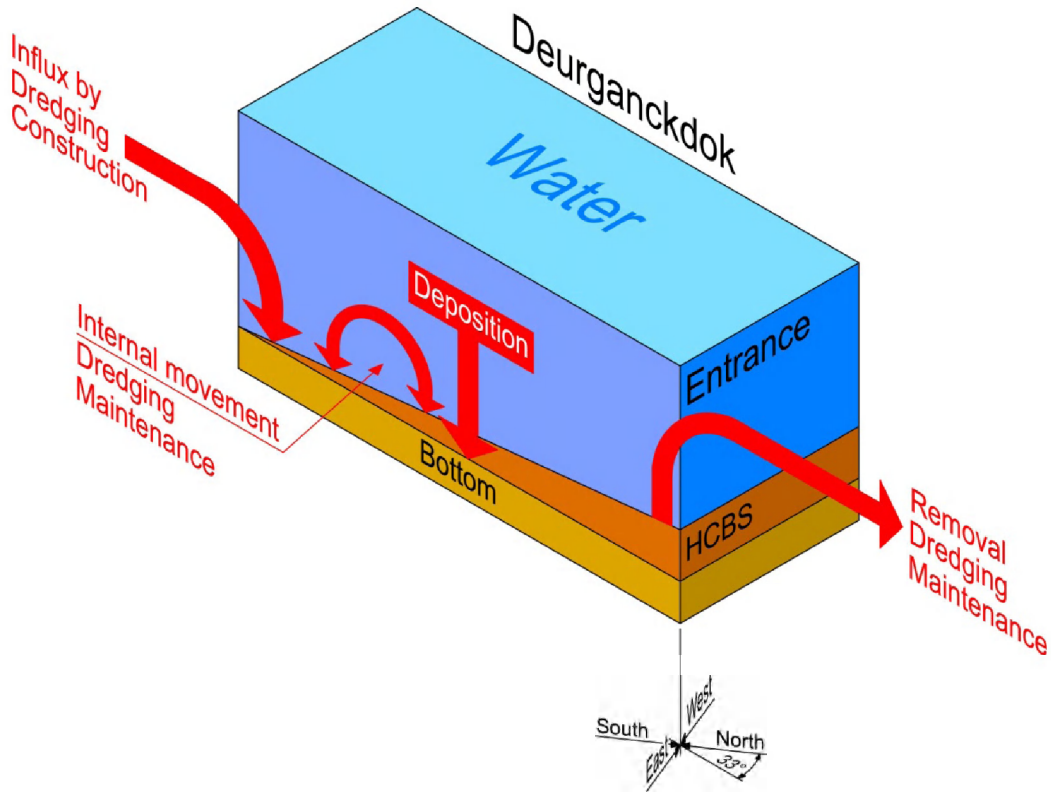

Figure 2-1: Elements of the sediment balance

A net deposition can be calculated from a comparison with a chosen initial condition t_0 (Figure 2-2). The mass of deposited sediment is determined from the integration of bed density profiles recorded at grid points covering the dock. Subtracting bed sediment mass at t_0 leads to the change in mass of sediments present in the dock (mass growth). Adding cumulated dry matter mass of dredged material removed since t_0 and subtracting any sediment influx due to capital dredging works leads to the total cumulated mass entered from the Scheldt river since t_0.

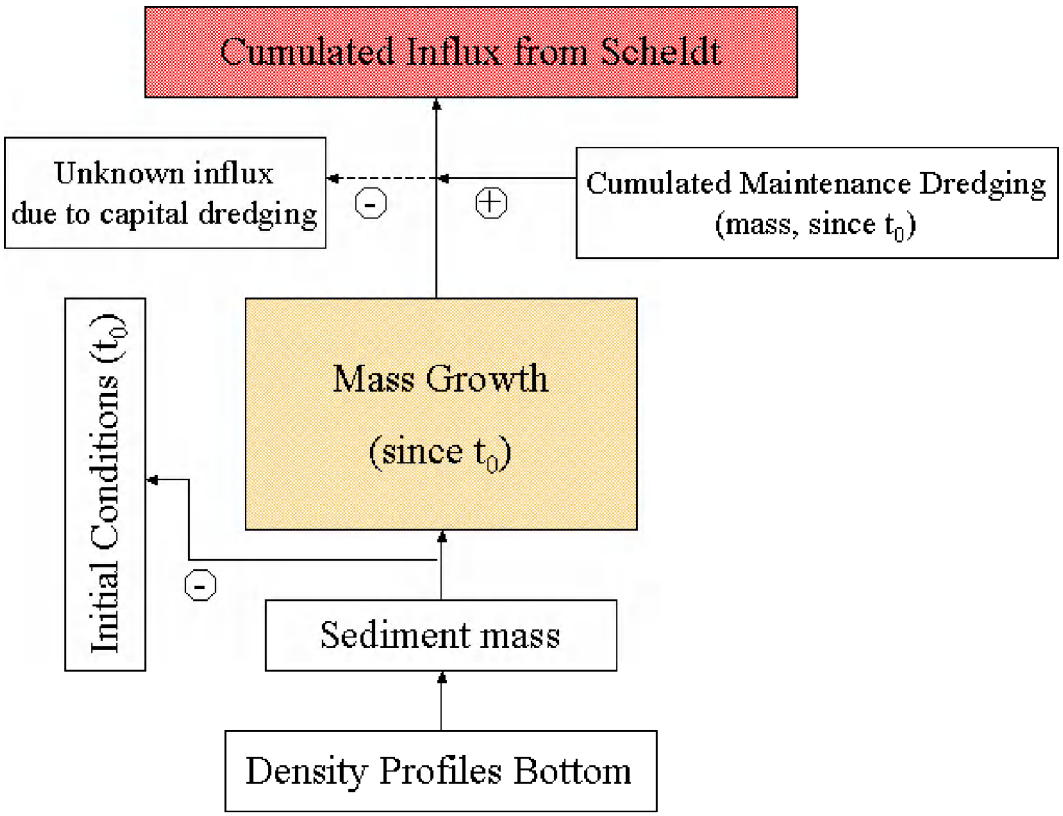

Figure 2-2: Determining a sediment balance

The main purpose of the second part of the study is to gain insight in the mechanisms causing siltation in Deurganckdok. The following mechanisms will be aimed at in this part of the study:

- Tidal prism, i.e. the extra volume in a water body due to high tide
- Vortex patterns due to passing tidal current
- Density currents due to salt gradient between the Scheldt river and the dock
- Density currents due to highly concentrated benthic suspensions

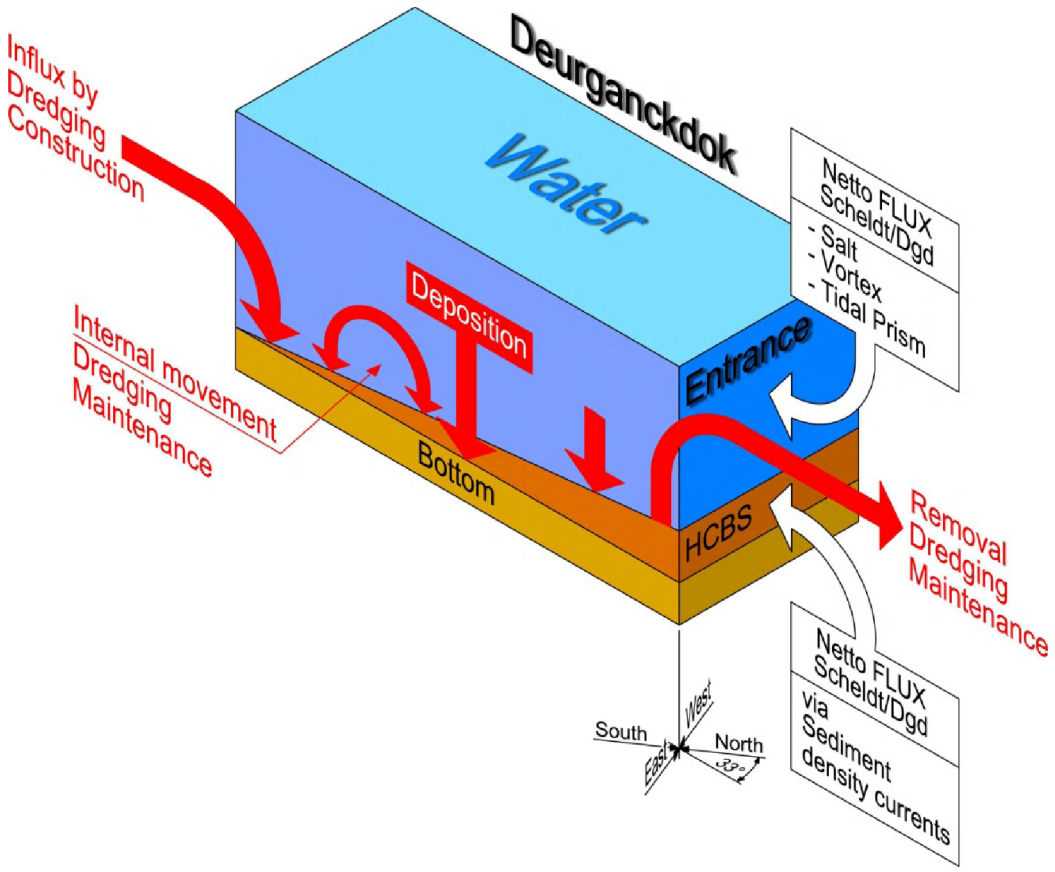

Figure 2-3: Transport mechanisms

These aspects of hydrodynamics and sediment transport have been landmark in determining the parameters to be measured during the project. Measurements will be focussed on three types of timescales: one tidal cycle, one neap-spring cycle and seasonal variation within one year.

Following data are being collected to understand these mechanisms:

- Monitoring upstream discharge in the Scheldt river.
- Monitoring Salt and sediment concentration in the Lower Sea Scheldt at permanent measurement locations at Lillo, Oosterweel, up- and downstream of the Deurganckdok.
- Long term measurement of salt and suspended sediment distribution in Deurganckdok.
- Monitoring near-bed processes (current velocity, turbidity, and bed elevation variations) in the central trench in the dock, near the entrance as well as near the current deflecting wall location.
- Dynamic measurements of current, salt and sediment transport at the entrance of Deurganckdok.
- Through tide measurements of vertical sediment concentration profiles -including near bed high concentrated benthic suspensions.
- Monitoring dredging activities at entrance channels towards the Kallo, Zandvliet and Berendrecht locks as well as dredging and dumping activities in the Lower Sea Scheldt.

2.2. Description of the measurement campaign

Turbidity, salinity and temperature measurements were conducted on the 29th of September from 4h00 MET till 17h00 MET.

The purpose of the measurements was to find fluid mud layers and to determine the distribution of suspended sediment over the dock's entrance area during a complete tidal cycle. For measurements in Deurganckdok the terms 'left bank' and 'right bank' will be used to address the North quay wall and South quay wall respectively.

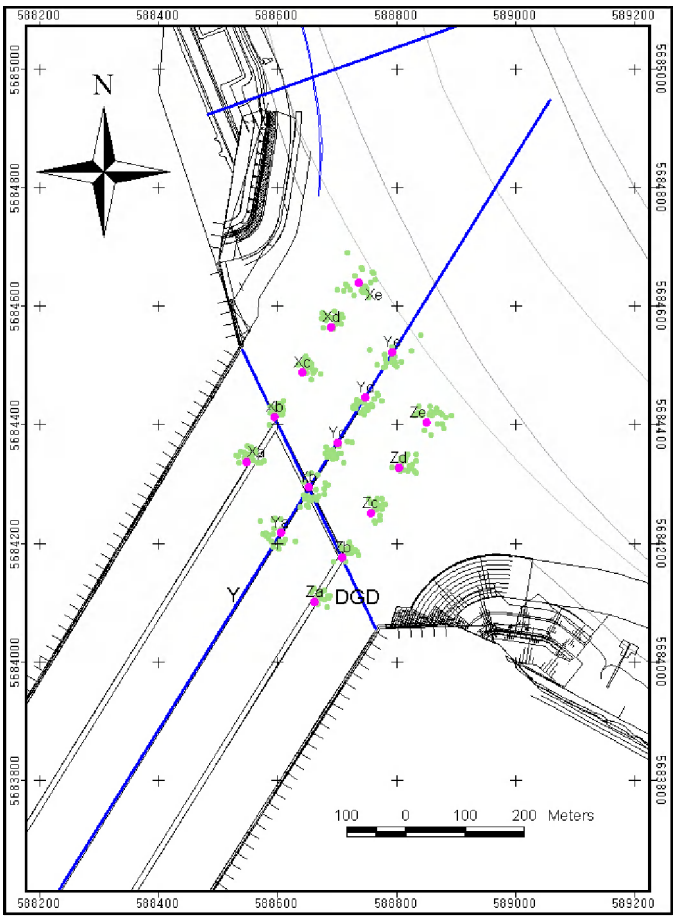

Figure 2-4: Map of the measurement locations in the vicinity of Deurganckdok

From the survey vessel Scheldewacht II a measurement cycle was completed sailing three parallel transects (X, Y and Z) at the entrance of the Deurganckdok (Figure 2-4). A high resolution turbidity profile was measured with the SiltProfiler at 5 locations on each transect.

An overview with all the measurement locations of the SiltProfiler measurements can be found in Table 2-1.

Table 2-1: Positions of the measurement points for September 29th 2008 at the entrance of Deurganckdok.

Measurement point	Bank	Easting (UTM31 ED50)	Northing (UTM31 ED50)	Average Depth [m TAW]
Xa	Left bank	588549	5684335	-15.0
Xb	Left bank	588596	5684411	-14.1
Xc	Left bank	588643	5684486	-13.3
Xd	Left bank	588690	5684562	-13.5
Xe	Left bank	588737	5684638	-14.0
Ya	Center	588606	5684217	-15.1
Yb	Center	588653	5684293	-14.3
Yc	Center	588700	5684368	-14.6
Yd	Center	588747	5684444	-14.5
Ye	Center	588793	5684520	-14.7
Za	Right bank	588662	5684099	-15.2
Zb	Right bank	588709	5684174	-13.8
Zc	Right bank	588756	5684250	-13.7
Zd	Right bank	588803	5684326	-14.1
Ze	Right bank	588850	5684402	-13.9

2.3. The equipment

2.3.1. SiltProfiler

The SiltProfiler has the following general specifications. The data collection is executed locally (i.e. on the profiler) by an integrated data logger. Sensor cables are kept very short and connect to the interfacing electronics of the data logger. The data logger collects the sensor signals and records the same in internal memory. Simultaneously the data are transmitted via a serial communication cable (if connected). Emphasis is on fast data collection and less on the absolute accuracy of the sensors.

In case the communication cable is not connected, the data can be retrieved upon recovery of the profiler via a short range wireless connection. As soon as the profiler breaks the water surface the data can be accessed and transferred to the operator's PC, whereupon the profiler is ready for a new profiling session. The retrieved profile data are visualised immediately in depth profile graphs. This operational mode requires no electrical cables to be attached to the profiler. However, a small box (diameter in the order of 20 cm) with electronics, data logger and batteries is attached to the profiler. The hoisting cable is attached to sturdy structure above the electronics box.

The sensors are:

- one Conductivity and Temperature sensor with measuring ranges adequate for use in seawater.
- multiple turbidity sensors to cover the entire range of 0 to 35 000 mg/L suspended solids: 2 transmittance sensors (type FOSLIM) are used, in combination with a Seapoint turbidity sensor (0-400 mg/l).
- one pressure sensor.

Figure 2-5: High Resolution SiltProfiler

As such the SiltProfiler is anticipated to rapidly profile the suspended sediment concentration as well as the salinity structure. The SiltProfiler can measure at variable speed up to 100 measurements per second (100 Hz).

The data collection rate is adjustable to optimise for the required vertical / temporal resolution. Further, the data acquisition rate will be depth dependent in such a way that the rate is low in the upper section of the profile and higher in de lower section. Both rates and the changeover depth are user adjustable. The duration of data retrieval depends upon the amount of collected data and the effective data transfer rate.

2.3.2. CTD-Diver

A CTD-Diver was used to measure depth, conductivity and temperature. This instrument was placed on the SiltProfiler as backup for the SiltProfiler. During the measurement campaign all sensors (temperature, pressure and conductivity) were set to record every second.

The technical details about the CTD-Diver are given in APPENDIX A.

3. COURSE OF THE MEASUREMENTS

3.1. Measurement periods

SiltProfiles were taken at all 15 locations. 313 profiles were successfully measured with the SiltProfiler.

3.2. Hydro-meteorological conditions during the measurement campaign

3.2.1. Vertical tide during the measurements

The vertical tide was measured at Liefkenshoek tidal gauge. Graphs of the tide at Liefkenshoek on the 29th of September 2008 can be found in APPENDIX C. Table 3-1 lists the most important characteristics (high and low tide) of the tide at those gauges on September 29th of 2008.

Table 3-1: High and Low Tide at Liefkenshoek Tidal Gauge on 29/09/2008

Liefkenshoek Tidal Gauge		
29 September 2008		
	Time [MET]	*Water level [m TAW]*
HW (1)	03:10	5.64
LW (2)	09:50	0.12
HW (3)	15:30	5.66
LW (4)	22:30	-0.22

In Table 3-2 the tidal characteristics of the tide on the 29th of September 2008 are compared to the average tide over the decade 1991-2000 (AMT, 2003).

Table 3-2: Comparison of the tidal characteristics of 12/03/2008 with the average tide, the average neap tide and the average spring tide over the decade 1991-2000 for Liefkenshoek.

	Neap tide (1991 - 2000)	***Avg Tide (1991 - 2000)***	***Spring Tide (1991 - 2000)***	***Tide 29/09/2008***
Water level [m TAW]				
HW (1)	4.63	5.19	5.63	5.64
LW (2)	0.39	0.05	-0.18	0.12
HW (3)	-	-	-	5.66
LW (4)	-	-	-	-0.22
Tidal difference [m]				
Falling (1 to 2)	4.24	5.14	5.81	5.52
Rising (2 to 3)	4.24	5.14	5.81	5.54
Falling (3 to 4)	-	-	-	5.88
Duration [hh:mm]				
Falling (1 to 2)	6:40	6:50	7:02	6:40
Rising (2 to 3)	5:59	5:34	5:16	5:40
Falling (3 to 4)	-	-	-	7:00
Tide (1 to 3)	12:39	12:24	12:18	12:20
Tide (2 to 4)	-	-	-	12:40
Tidal coefficient				
Falling (1 to 2)	0.82	1.00	1.13	1.07
Rising (2 to 3)	0.82	1.00	1.13	1.08
Falling (3 to 4)	-	-	-	1.14

The tidal coefficients from 1.07 up to 1.14 for the measured tide of the 29th of September 2008 indicate that this tide has a larger tidal range than the average tide for the decade of 1991-2000, and can be classified as spring tide.

3.2.2. Meteorological data

Meteorological data at Woensdrecht (NL) was obtained from the website of the Dutch meteorological institute (KNMI) (KNMI, 2009).

The weather on the 29th of September 2008 was dry but cloudy and the wind blew from the west at an average velocity of 13 km/h (3 Bft) with maximal gust velocity of 36 km/h. The air temperature varied between 6 and 16°C. The sky was very cloudy without precipitation.

3.3. Navigation information

An overview of the navigation at the measurement location is given in APPENDIX D.

3.4. Remarks on data

A total of 313 profiles were successfully taken with the SiltProfiler, which are 21 series of 15 measuring points. Only 2 profiles contained corrupted data. Besides that, the CTD-diver stopped working at 17:19 MET, which means that the last 16 profiles didn't have conductivity values and consequently no salinity.

4. PROCESSING OF DATASETS

4.1. Calibration of the turbidity sensors

A crucial aspect of the accuracy and reliability of the data concerns the calibration of the instruments before the measurement campaign. The calibration procedure is described in calibration report 2.09 (IMDC, 2008f).

4.2. Methodology of processing the SiltProfiler data

SiltProfiler data was validated and screened for outliers. Raw data were filtered.

Salinity was calculated using the temperature, conductivity and pressure in the pps-78 formula (Unesco, 1991 & IMDC, 2002)(see APPENDIX E). Turbidity values were converted to suspended sediment concentration.

The SiltProfiler contains 3 turbidity sensors. The Seapoint sensor is used for low concentrations (0-700 mg/l), the Long Range Extinction sensor covers the range between 400 mg/l – 5000 mg/l, after which the Short Range Extinction sensor (4000 mg/l – 35000 mg/l) takes over. All 3 sensors log simultaneously during a measurement. The switchover between two sensors in the processing is done as follows:

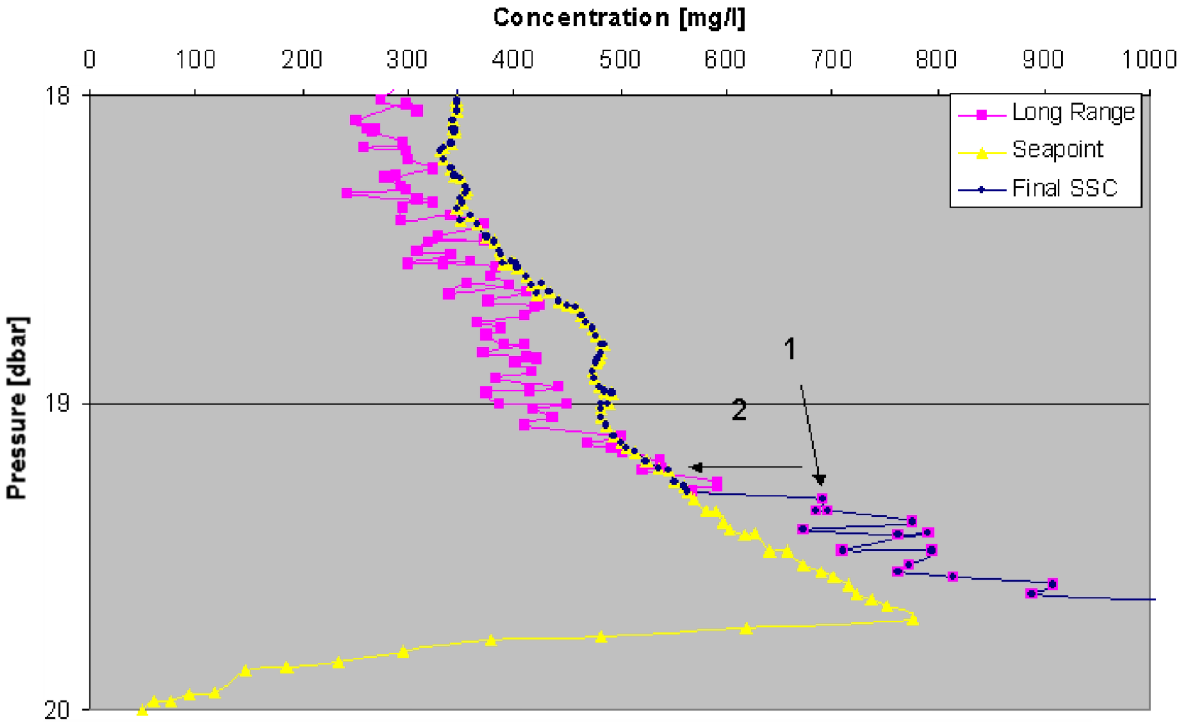

Figure 4-1: Example of Methodology used for the transition of Seapoint to Long Range Sensor for a given profile

- Between Seapoint and Long Range Sensor the transition threshold is not fixed. Figure 4-1 visualizes the methodology. As the SSC measured by the Long Range Sensor exceeds 70 mg/l over the SSC measured by the Seapoint Sensor (1), a back track is performed to find at what measurement the Long Range SS concentration exceeds the Seapoint SS concentration.(2). The nearest measurement is chosen as transition point, as is shown by the 'Final SSC' line, which shows. This is done as the Long Range SS concentration slightly underestimates low concentrations.
- Between the long range and short range extinction sensor the transition point is fixed. The long range sensor saturates at a concentration of 4964 mg/l, so the transition is fixed at a concentration of 4400 mg/l, leaving a margin of ± 500 mg/l between the transition point and the maximum measurable concentration of the Long Range Sensor.

This method was developed based on a high number of measurements that showed a high variation in SS concentration performed on 21/03/06 in Deurganckdok.

A datasheet was produced that contains a plot showing the change in temperature, salinity and suspended sediment concentration versus depth for each verified profile

Apart from general metadata (date, time, time after HT, coordinates, surface elevation) the water-bottom interface is given as the lowest elevation at which SiltProfiler measured sediment concentration within its range, and the detection of the soft and hard bottom (210 kHz / 33 kHz) as was measured by the dual frequency echosounder.

A table contains measurements with regular spreading in time taken from the profile.

The depth averaged values for temperature, salinity and suspended sediment concentration are calculated.

The "NaN" (Not a Number) –value is used to indicate a no data value (measurement outside range of instrument or not recording).

The SiltProfiler datasheets are given in APPENDIX F.

4.3. Timeseries, Depth Averages and Transects

Timeseries were visualised for all locations. Colourplots of temperature and suspended sediment concentration, as measured by SiltProfiler can be found in APPENDIX H. In these plots the bottom (as detected by the SiltProfiler) is shown as a black surface.

These plots show a contoured timeseries of the measured profiles on each location in time and depth. In between two vertical profiles colour codes are shaded from one to the next. The detection of the hard bottom or mud-water interface by the instrument is indicated on the contourplot as a black mask.

Also depth-averaged values were tabularised. Depth-averages were computed for SiltProfiler (Suspended Sediment Concentration & Temperature) data per location.

For each of these parameters the depth-average is given for:

- Total depth
- Top 50% of watercolumn – bottom 50% of watercolumn

This information is illustrated in figures and tables in APPENDIX G.

The spatial suspended sediment concentration distribution for transects X, Y and Z are given for each cycle. In these graphs the SSC distribution is shown as a cross-section consisting of all 5

profiling locations (a, b, c, d and e) on each transect (X, Y and Z) within one measurement cycle. Point a is always given on the left hand side. These figures are given in APPENDIX I.

5. PRELIMINARY ANALYSIS OF THE DATA

Concerning the suspended sediment concentrations, the depth averages range from 18 mg/l up to 261 mg/l. The maximal depth average concentrations occur at lines d and e (towards the Scheldt) around 1:00 and 3:15 before HW. The minimal depth average concentrations on the other hand occur at transect Z (South side) in between 4:00 and 5:00 hours after HW. In general the average SS concentrations taken over several points during the measurement campaign show a spatial pattern: an increase in average SS concentration from the dock to the river Scheldt and an increase from transect X (North side) to transect Z (South side).

Compared to previous SiltProfiler measurement campaigns at the entrance of Deurganckdok the SS concentrations of this campaign were comparable to the SiltProfiler measurement campaign of March 21st of 2006 (IMDC, 2006h). Depth average concentrations around HW were in the order of magnitude of 100 to 150 mg/l, whereas they were around 50 mg/l for the previous SiltProfiler measurement campaigns on September 26th of 2006 (IMDC, 2007n) and October 23rd of 2007 (IMDC, 2008g). During the campaign of March 12th 2008 (IMDC, 2008l) concentrations were a lot higher (200-250 mg/l). This can be partially explained by the stormy weather and spring tide event on that day.

The overall concentrations measured on March 12th 2008 (tidal coefficient between 1.06 and 1.18) were roughly twice as high as the campaigns in September ’08 (tidal coefficient between 1.07 and 1.14) and March ’06 (tidal coefficient between 0.95 and 0.98), and about 4 times as high as the campaigns in September ’06 (tidal coefficient between 1.04 and 1.08) and October ’07 (tidal coefficient between 0.87 and 0.96).

Depth average salinity ranges from 10.2 to 12.9 ppt. The 5 maximal depth average salinity values occur in between 1:00 and 1:30 after HW and the 5 minimal depth average salinity values occur at transect X (North side) between 5:00 and 5:30 before HW. The points located nearby the river Scheldt have a higher salinity range than the points located in the dock.

Average temperature of the water was about 17°C for all the locations.

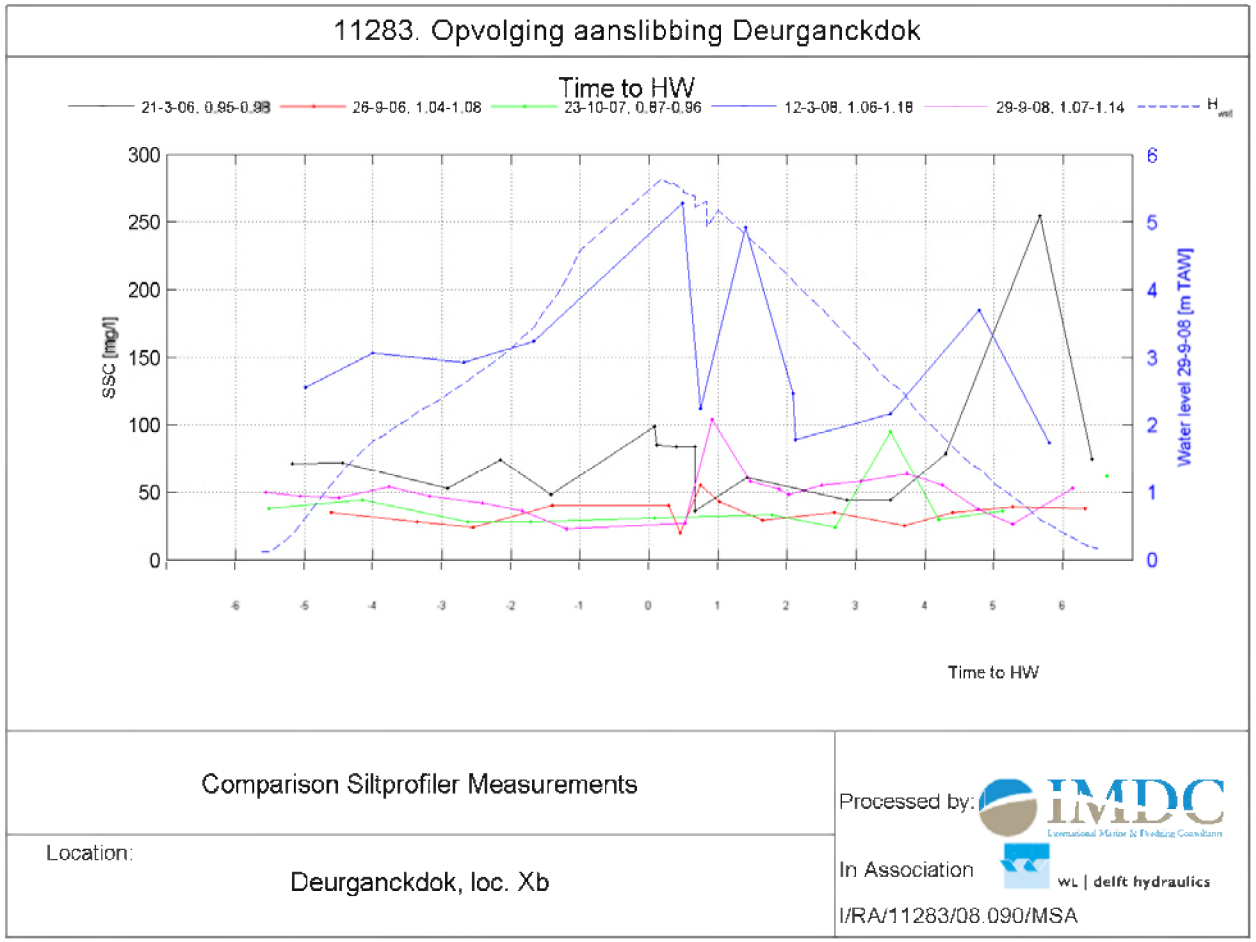

Figure 5-1 Comparison of depth average concentrations at location Xb for all Siltprofiler measurement campaigns at the entrance of DGD

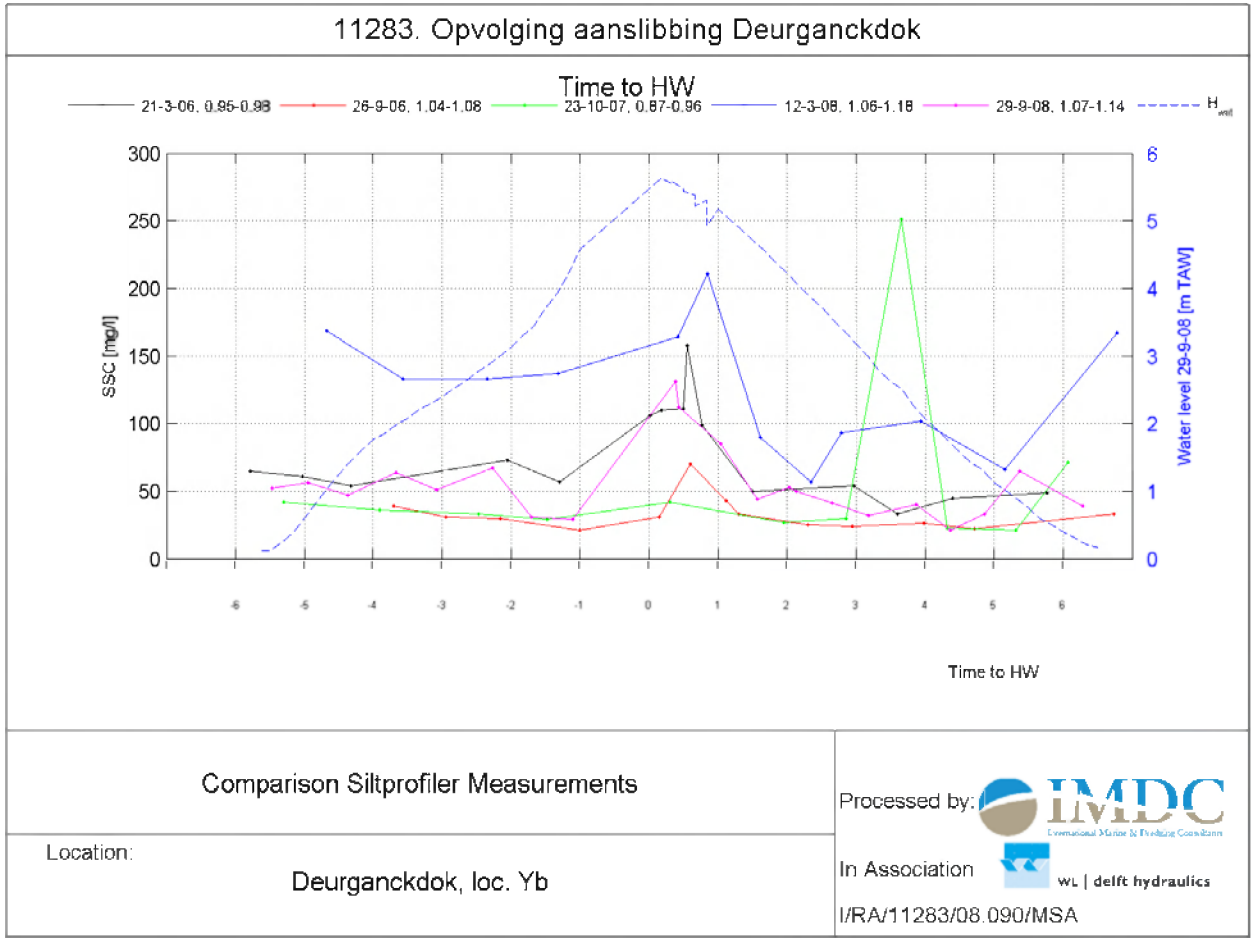

Figure 5-2 Comparison of depth average concentrations at location Yb for all Siltprofiler measurement campaigns at the entrance of DGD

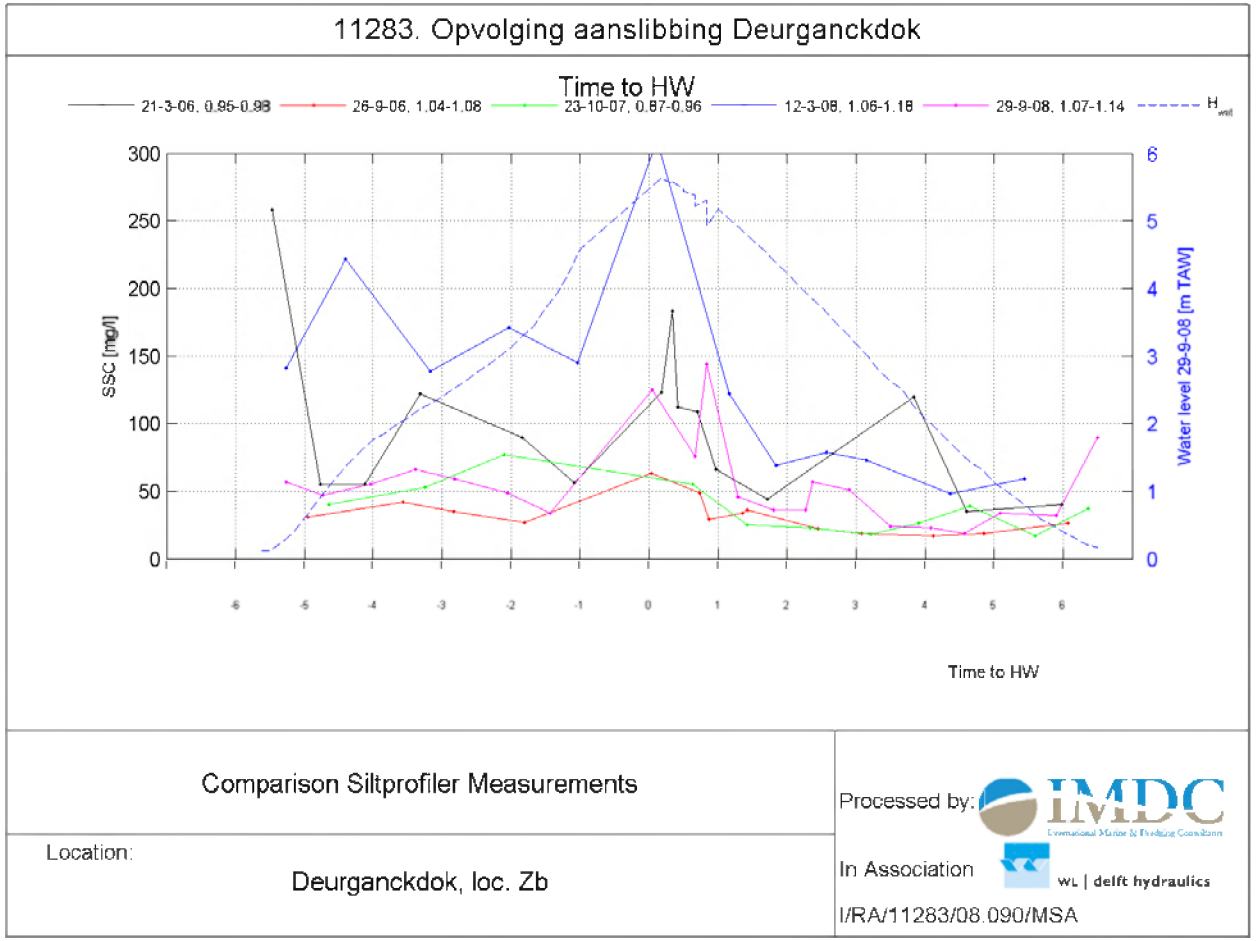

Figure 5-3 Comparison of depth average concentrations at location Zb for all Siltprofiler measurement campaigns at the entrance of DGD

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IMDC (2007n) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.2 Through tide measurement SiltProfiler 26/09/2006 Stream (I/RA/11283/06.068/MSA)

IMDC (2007o) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.4 Through tide measurement Sediview spring tide 27/09/2006 Parel 2 (I/RA/11283/06.119/MSA)

IMDC (2007p) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.7 Salt-Silt distribution & Frame Measurements Deurganckdok 15/07/2006 – 31/10/2006 (I/RA/11283/06.122/MSA)

IMDC (2007q) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.8 Salt-Silt distribution & Frame Measurements Deurganckdok 15/01/2007 – 15/03/2007 (I/RA/11283/06.123/MSA)

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IMDC (2008c) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.12: Sediment Balance: Four monthly report 1/9/2007 – 31/12/2007 (I/RA/11283/07.083/MSA)

IMDC (2008d) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.13: Sediment Balance: Four monthly report 1/01/2007 – 31/03/2007 (I/RA/11283/07.084/MSA)

IMDC (2008e) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.14: Annual Sediment Balance. (I/RA/11283/07.085/MSA)

IMDC (2008f) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.09: Calibration stationary equipment autumn (I/RA/11283/07.095/MSA)

IMDC (2008g) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.10: Through tide measurement SiltProfiler 23 October 2007 (I/RA/11283/07.086/MSA)

IMDC (2008h) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.11: Through tide measurement Salinity Profiling winter 12 March 2008 (I/RA/11283/07.087/MSA)

IMDC (2008i) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.12: Through tide measurement Sediview winter 11 March 2008 – Transect I (I/RA/11283/07.088/MSA)

IMDC (2008j) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.13: Through tide measurement Sediview winter 11 March 2008 – Transect K (I/RA/11283/07.089/MSA)

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IMDC (2008m) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.17: Salt-Silt distribution & Frame Measurements Deurganckdok autumn (17/9/2007-10/12/2007) (I/RA/11283/07.093/MSA)

IMDC (2008n) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.18: Salt-Silt distribution & Frame Measurements Deurganckdok winter (18/02/2007-31/03/2008) (I/RA/11283/07.094/MSA)

IMDC (2008o) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.19: Calibration stationary & mobile equipment winter (I/RA/11283/07.096/MSA)

IMDC (2008p) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.12: Boundary conditions: Three monthly report 1/9/2007 – 31/12/2007 (I/RA/11283/07.099/MSA)

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IMDC (2008t) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.20: Sediment Balance: Three monthly report 1/4/2008 – 30/06/2008 (I/RA/11283/08.076/MSA)

IMDC (2008u) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.20: Through tide measurement Sediview during average tide Spring 2008 – 19 June 2008 (I/RA/11283/08.081/MSA)

IMDC (2008v) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.21: Through tide measurement Sediview during average tide Spring 2008 – 26 June 2008 (I/RA/11283/08.082/MSA)

IMDC (2008w) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.21: Sediment Balance: Three monthly report 1/7/2008 – 30/09/2008 (I/RA/11283/08.077/MSA)

IMDC (2008x) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.22: Through tide measurement Sediview during neap tide Summer 2008 – 24 September 2008 (I/RA/11283/08.083/MSA)

IMDC (2008y) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.28: Through tide measurement ADCP eddy Summer 2008 – 1 October 2008 (I/RA/11283/08.089/MSA)

IMDC (2008z) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.32: Salt-Silt distribution Deurganckdok: six monthly report 1/4/2008 – 30/9/2008 (I/RA/11283/08.093/MSA)

IMDC (2008aa) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.20: Boundary conditions: Six monthly report 1/4/2008 – 30/09/2008 (I/RA/11283/08.096/MSA)

IMDC (2009a) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.23: Through tide measurement Sediview during spring tide Summer 2008 – 30 September 2008 (I/RA/11283/08.084/MSA)

IMDC (2009b) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.29: Through tide measurement SiltProfiler summer 2008 – 29 September 2008 (I/RA/11283/07.090/MSA)

IMDC (2009c) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.34: Calibration stationary & mobile equipment autumn 2008 (I/RA/11283/08.095/MSA)

IMDC (2009d) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.22: Sediment Balance: Three monthly report 1/10/2008 – 31/12/2008 (I/RA/11283/08.078/MSA)

IMDC (2009e) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.24: Through tide measurement Sediview during neap tide Autumn 2008 (I/RA/11283/08.085/MSA)

IMDC (2009f) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.25: Through tide measurement Sediview during spring tide Autumn 2008 (I/RA/11283/08.086/MSA)

IMDC (2009g) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.23: Sediment Balance: Three monthly report 1/01/2009 – 31/03/2009 (I/RA/11283/08.079/MSA)

IMDC (2009h) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.24: Annual Sediment Balance (I/RA/11283/08.080/MSA)

IMDC (2009i) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.26: Through tide measurement Sediview during neap tide Winter 2009 (I/RA/11283/08.087/MSA)

IMDC (2009j) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.30: Through tide measurement SiltProfiler winter 2009 (I/RA/11283/08.091/MSA)

IMDC (2009k) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.31: Through tide measurement Salinity Profiling winter 2009 (I/RA/11283/08.092/MSA)

IMDC (2009l) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.33: Salt-Silt distribution Deurganckdok: six monthly report 1/10/2008 – 31/3/2009 (I/RA/11283/08.094/MSA)

IMDC (2009m) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.21: Boundary conditions: Six monthly report 1/10/2008 – 31/03/2009 (I/RA/11283/08.097/MSA)

IMDC (2009n) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.27: Through tide measurement Sediview during spring tide Winter 2009 (I/RA/11283/08.088/MSA)

IMDC (2009o) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 4.20: Analysis of siltation Processes and Factors (I/RA/11283/08.098/MSA)

TV SAM (2006a) Langdurige stationaire ADCP stroommetingen te Oosterweel dukdalf 01/2005-06/2005. 42SR S032PIB 2A.

TV SAM (2006b) Langdurige stationaire ADCP stroommetingen te Oosterweel dukdalf 07/2005-12/2005. 42SR S033PIB 2A.

TV SAM (2006c) Langdurige stationaire ADCP stroommetingen te Oosterweel dukdalf 01/2006-06/2006. 42SR S032PIB 2A.

Unesco (1983). Algorithms for computation of fundamental properties of seawater, UNESCO Technical Papers in Marine Science, 44. UNESCO, France.

Wunderground (2008). Weather Underground: www.wunderground.com

KNMI (2009) Royal Dutch Meteorological Institute www.knmi.nl

APPENDIX A. MEASUREMENT EQUIPMENT

CTD-Diver datalogger

Schlumberger WATER SERVICES

Applications

- Aquifer recharge projects
- Saltwater intrusion projects
- Surveillance against (illegal) discharges
- Surveillance on waste disposal sites
- Monitoring groundwater or surface water quality

CTD-Diver: reliable in all conditions

Where there is a need to monitor not only groundwater levels but also salinization, salt-water intrusion or contamination in the case of (illegal) discharges and landfill sites, the CTD-Diver is the instrument of choice. Besides a pressure and temperature sensor, the CTD-Diver has a four-electrode conductivity sensor for determining conductivity across a substantial measurement range (0-80 mS/cm). For each measurement, the date and time, groundwater level, temperature and conductivity are recorded. There are two options for conductivity measurement: display the measured conductivity or a specific conductivity at 25 °C. The CTD-Diver is accommodated in a ceramic casing which is resistant to corrosive conditions. The CTD-Diver has a memory with a maximum storage capacity of 16,000 measurement data per parameter.

Highlights:
- 3 year warranty
- Long-term and frequent measurements
- Various measurement methods:
  - fixed
  - event dependent
  - pumping tests
- Simple calibration
- Temperature corrected measurement
- Reliable and accurate measurement data
- Compact size
- Robust construction:
  - ceramic
  - corrosion resistant
- Measures three parameters:
  - conductivity
  - temperature
  - pressure

Specifications:

Dimensions	822 mm x 168 mm
Memory	16,000 measurements (non-volatile)
Sample rate *	0.5 sec to 99 hours
Housing material	ceramic (ZrO_2)
Temperature range	-20 °C to 80 °C
- accuracy	±0.1 °C
- resolution	0.01 °C
Conductivity:	
- range	0 to 80 mS/cm
- accuracy	±1% of reading
- resolution	0.1% of reading
Battery life	10 years (depending on use)
Weight	150 grams

CTD-Diver® Technical specifications (pressure)

Type	DI 261	DI 263	DI 265	DI 500 (Baro)
Range	10 m H_2O	30 m H_2O	100 m H_2O	1.5 m H_2O
- accuracy**	1 cm H_2O	3 cm H_2O	10 cm H_2O	0.5 cm H_2O
- resolution	0.2 cm H_2O	0.6 cm H_2O	2 cm H_2O	0.1 cm H_2O

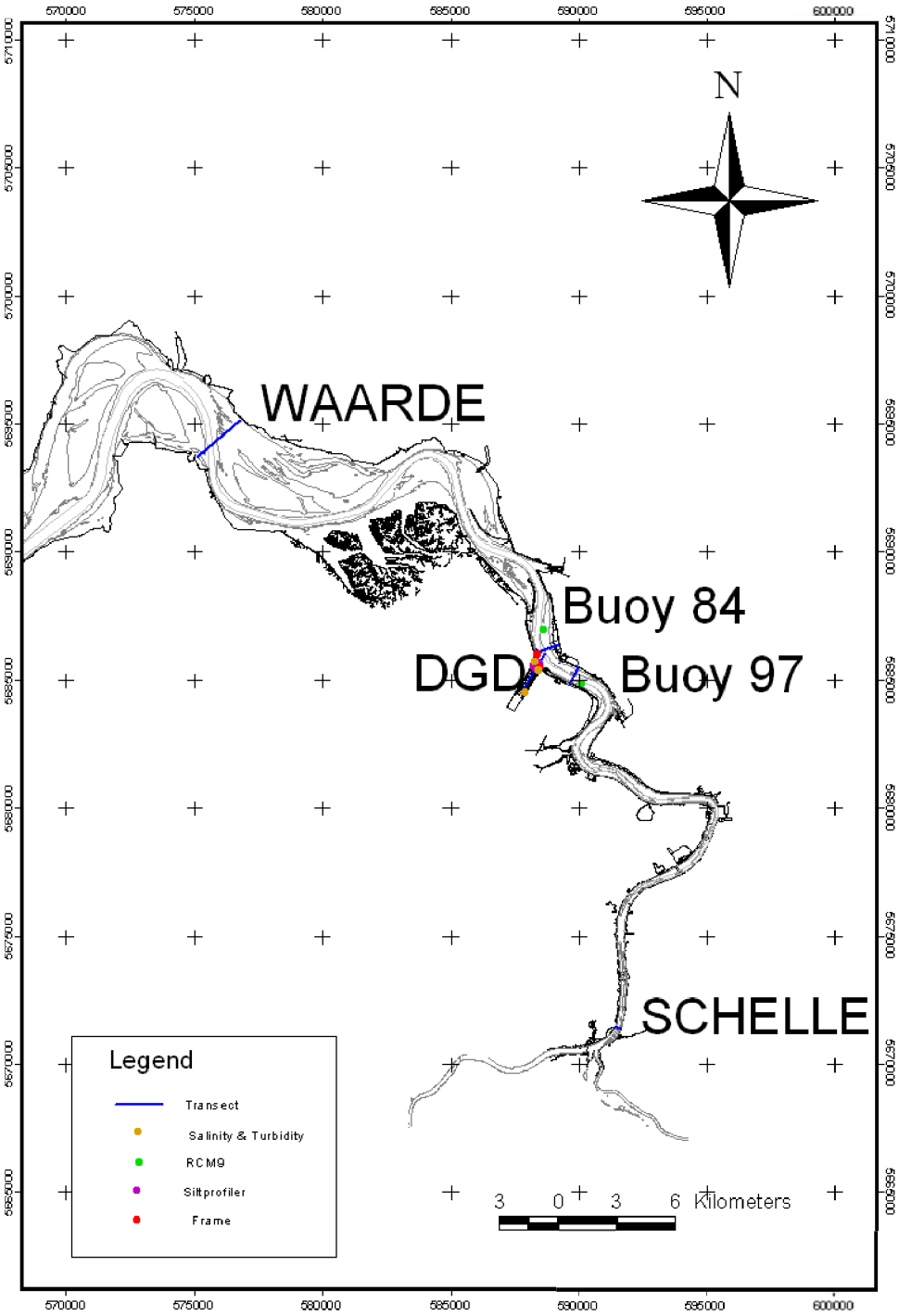
* various measuring methods available (fixed, event based and pumping tests)

** within temperature compensated range (0°C to 40°C)

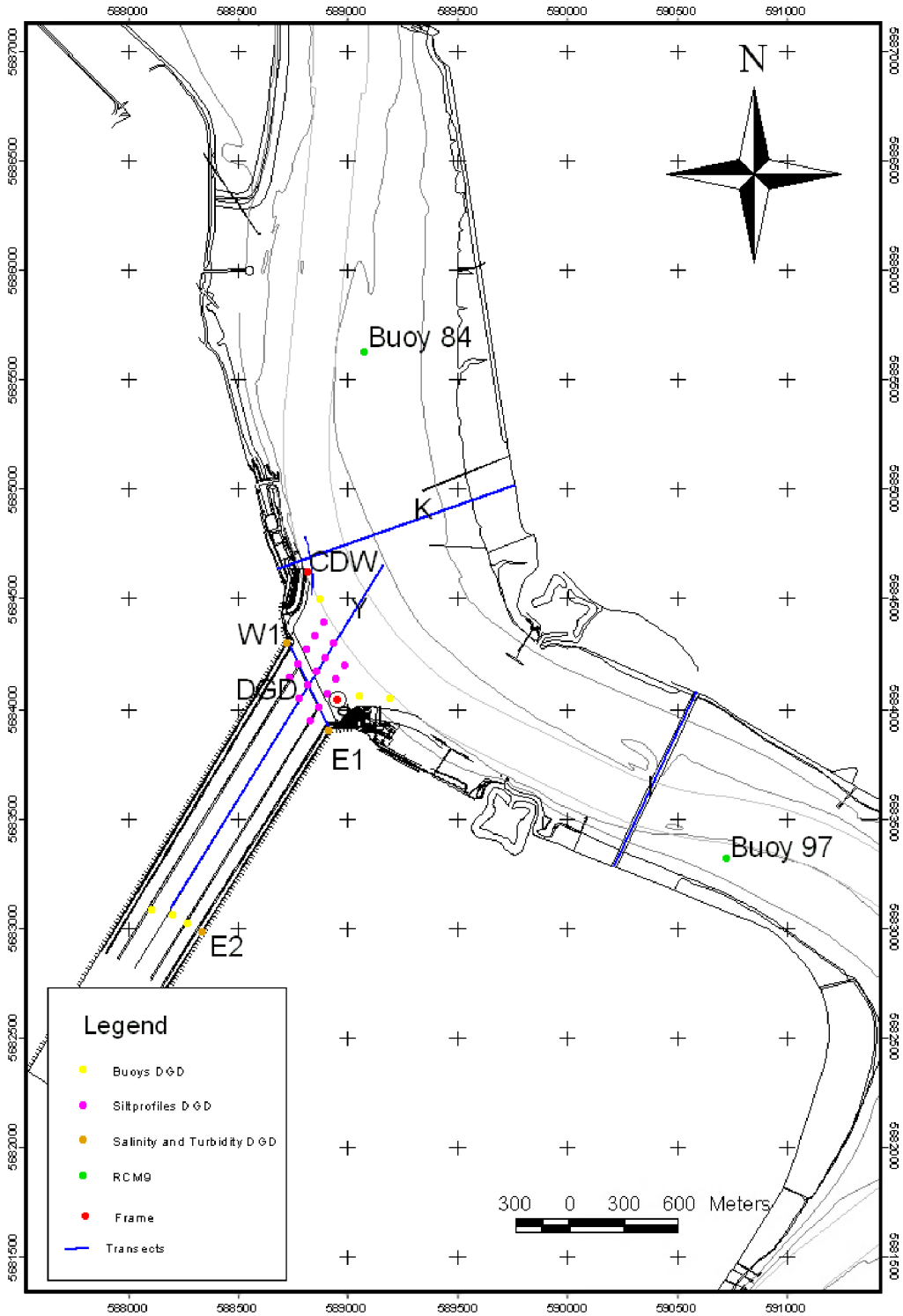
APPENDIX B.

OVERVIEW OF MEASUREMENTS

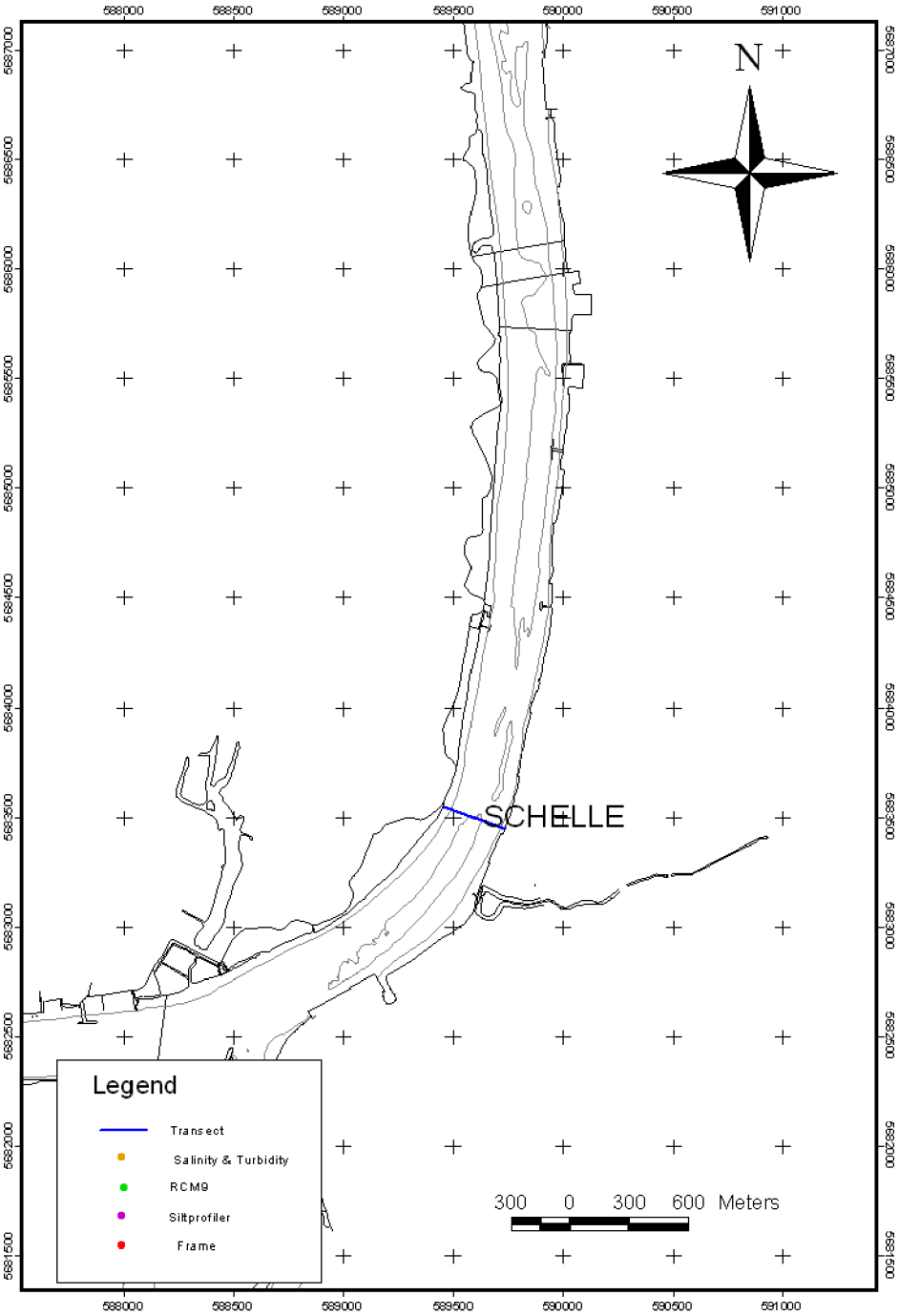
B.1 Overview of the measurement locations for the whole HCBS2 and Deurganckdok measurement campaign



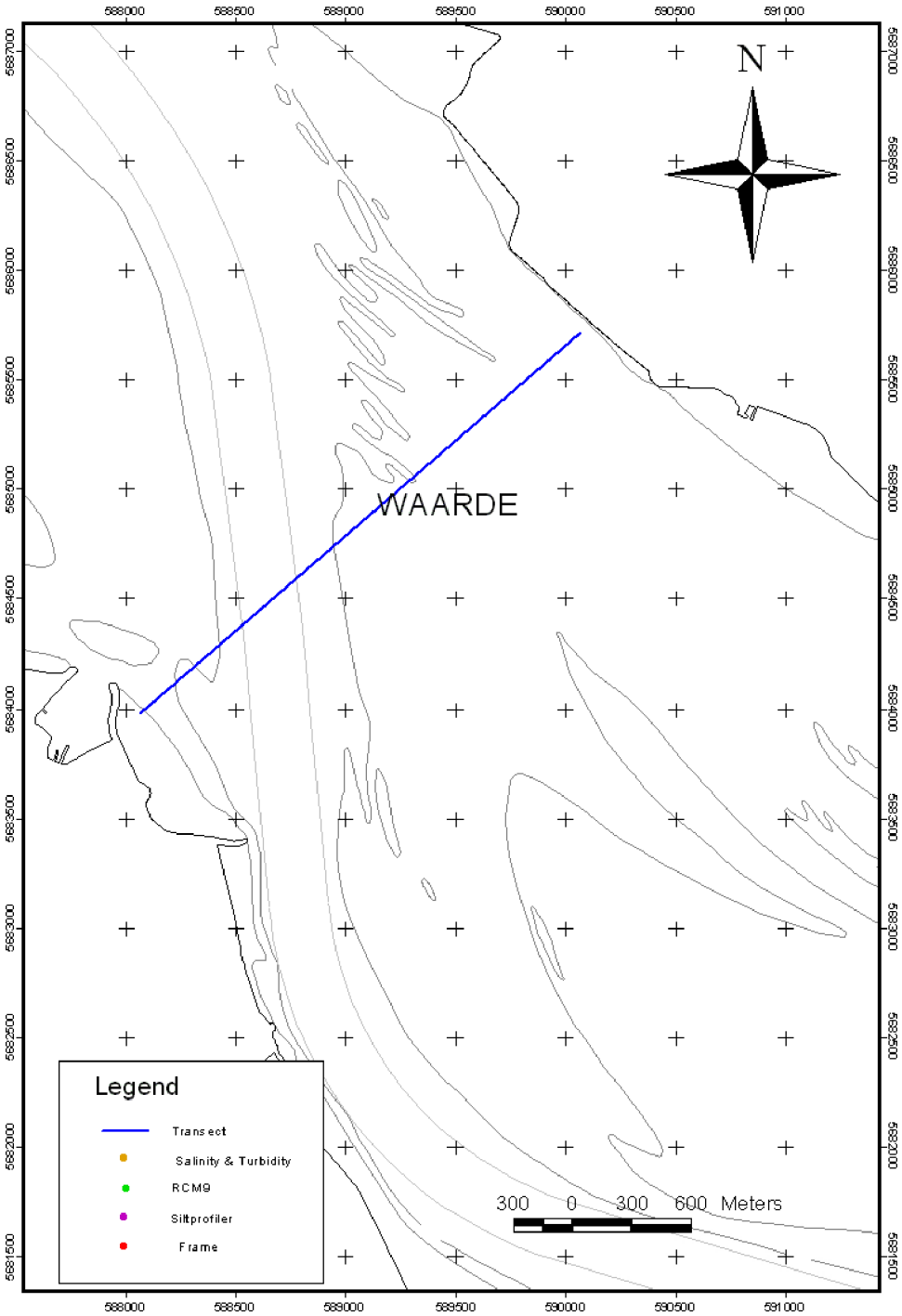
Overview of the measurement locations



Overview of the measurement locations at Deurganckdok



Theoretical transect in Schelle



Theoretical transect in Waarde

B.2 Overview of all measurement locations HCBS and Deurganckdok measurement campaign

Table with coordinates of theoretical transects

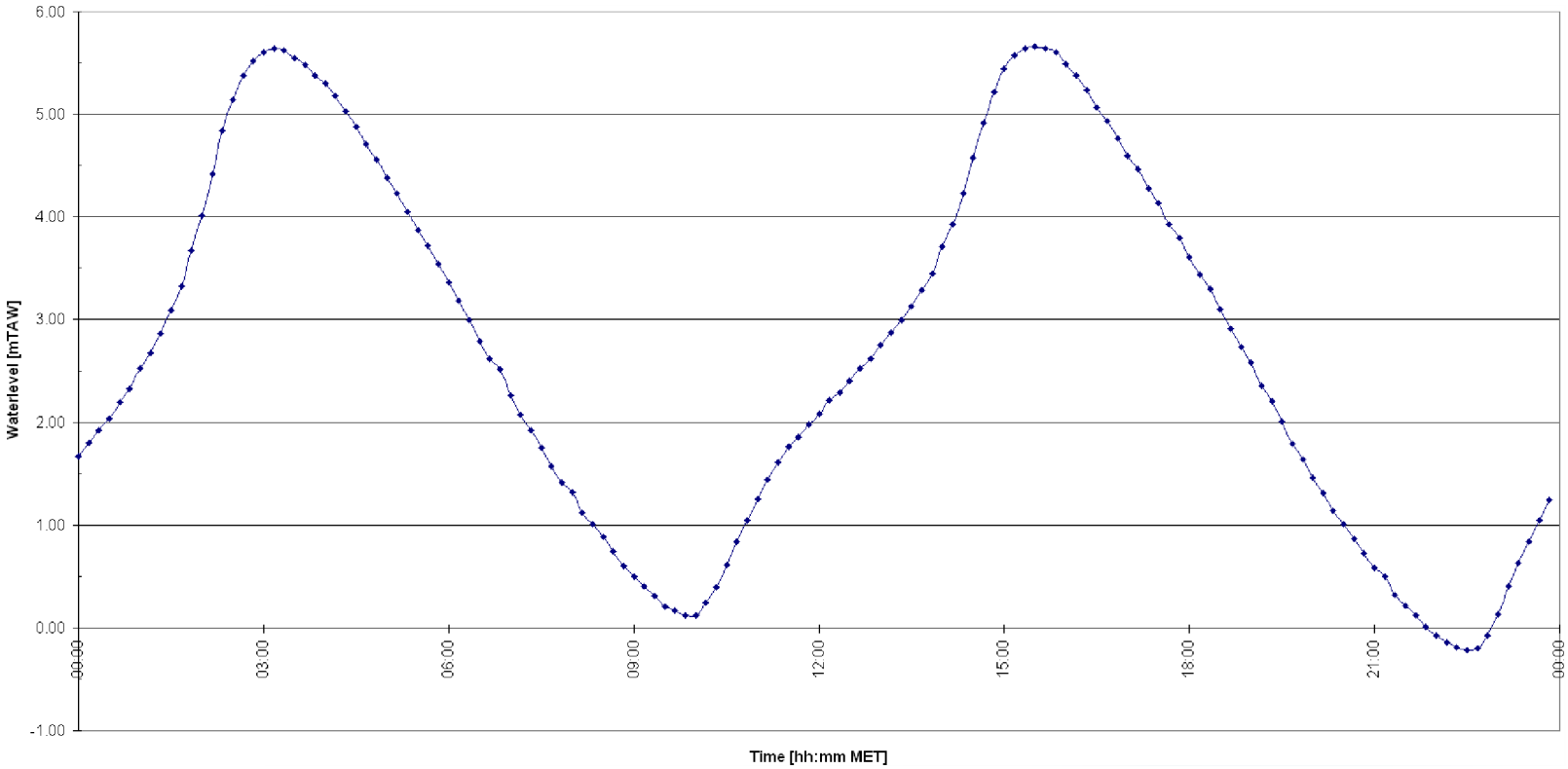
Transect	Start Easting	Start Northing	End Easting	End Northing
I	590318.00	5683302.00	590771.00	5684257.00
K	588484.00	5684924.00	589775.00	5685384.00
SCHELLE	592645.07	5665794.06	592952.68	5665682.28
DGD	588764.88	5684056.49	588540.95	5684526.94
Y	589059.09	5684948.36	587898.76	5683076.56
WAARDE	573541.00	5696848.20	571318.00	5694932.90

Table with coordinates of SiltProfiler gauging locations

SP	EASTING	NORTHING
Location 1: Xa	588549	5684335
Location 2: Xb	588596	5684411
Location 3: Xc	588643	5684486
Location 4: Xd	588690	5684562
Location 5: Xe	588737	5684638
Location 6: Ya	588606	5684217
Location 7: Yb	588653	5684293
Location 8: Yc	588700	5684368
Location 9: Yd	588747	5684444
Location 10: Ye	588793	5684520
Location 11: Za	588662	5684099
Location 12: Zb	588709	5684174
Location 13: Zc	588756	5684250
Location 14: Zd	588803	5684326
Location 15: Ze	588850	5684402

APPENDIX C. TIDAL DATA

Through Tide Measurement SiltProfiler 29 September 2008



Measured tide on 29/09/2008		Data processed by: IMDC International Marine & Dredging Consultants
Location: Liefkenshoek tidal gauge	Date: 29/09/2008	In association with: WL | delft hydraulics
		I/RA/11283/08.090/MSA

APPENDIX D.

NAVIGATION INFORMATION AS RECORDED ON SITE

Ship:		**Scheldewacht 2**	
Location:		**Entrance Deurganckdok**	
Nr.	***Tijdstip (MET)***	***Type schip***	***Vaarrichting (uit-, invarend)***
1	6:07	Coaster	***In***
2	6:14	Idem	***In***
3	6:15	Binnenschip tanker	***Uit***
4	6:20	Binnenschip	***Uit***
5	7:40	Zeeschip	***Opwaarts***
6	7:48	Binnenschip	***Uit***
7	8:02	Duwbak 2	***In***
8	8:10	Binnenschip	***In***
9	8:10	Rotterdam	***Uit***
10	8:25	Binnenschip x 2	***In***
11	8:30	Coaster	***Uit***
12	8:50	Willem 3	***Uit***
13	8:56	Binnenschip	***Uit***
14	9:47	Gotcha	***In***
15	9:13	Adandi 3050T	***Uit***
16	9:35	Binnenschip	***In***
17	9:50	Duwboot + bak	***In***
18	9:52	Gerda II	***In***
19	10:10	Binnenschip	***In***
20	10:10	Binnenschip	***In***
21	10:29	Venezia 5149T	***In***
22	10:47	Parel II	***In & Uit***
23	10:55	Binnenschip	***Uit***
24	11:40	Duwbak koppel	***In***
25	11:44	Caronia Rijn Schip	***In***
26	12:10	Binnenschip	***In***
27	12:11	Coaster	***Uit***
28	12:12	Mis 33	***In***
29	12:16	Covano 5165T	***Uit***
30	12:34	Duwbak	***In***

Ship:		Scheldewacht 2	
Location:		Entrance Deurganckdok	
Nr.	*Tijdstip (MET)*	*Type schip*	*Vaarrichting (uit-, invarend)*
		Corina 1560T	
31	12:59	Binnenschip	*In*
32	13:00	Gotcha	*Uit*
33	13:05	Duwboot +bak	*Uit*
34	13:10	Binnenschip	*In*
35	13:17	Dilsberg	*In*
36	13:18	Alexandria	*Uit*
37	13:28	chridi	*In*
38	13:30	Duwboot+bak	*Uit*
39	13:54	Sleepboot	*In*
40	14:16	braboboot	*In*
41	14:20	CMA 66m	*In*
42	14:21	Binnenschip	*Uit*
43	14:35	Binnenschip	*In*
44	14:39	Binnenschip	*Uit*
45	14:45	Pretoria	*In*
46	14:55	Binnenschip	*Uit*
47	14:55	Odessa	*In*
48	14:57	Margreta	*Uit*
49	15:10	chridi	*Uit*
50	15:20	Duwboot +bak	*In*
51	15:25	Binnenschip	*In*
52	15:26	Binnenschip	*In*
53	15:47	Gotcha 2668T	*In*
54	15:58	Duwboot + bak	*Uit*
55	16:20	Yam Portland	*In*
56	16:40	Sleepboot	*In*
57	16:45	Binnenschip	*In*
58	16:55	Duwboot + bak	*Uit*
59	16:56	Sleepboot	*Uit*
60	16:58	Sankara 1335T	*In*

Ship:		**Scheldewacht 2**	
Location:		**Entrance Deurganckdok**	
Nr.	***Tijdstip (MET)***	***Type schip***	***Vaarrichting (uit-, invarend)***
61	17:00	Union 9	***Uit***
62	17:05	Brabo	***Uit***
63	17:05	fairplay 16	***Uit***
64	17:13	Binnenschip 2575T	***Uit***
65	17:15	Goudvis	***Uit***
66	17:20	Binnenschip	***Uit***
67	17:23	Binnenschip	***In***
68	17:31	Coronia	***In***
69	17:32	Binnenschip	***In***
70	18:05	Navitas	***In***
71	18:40	Duwboot + bak	***In***
72	18:41	Duwboot + 3 bakken	***In***

APPENDIX E.

UNESCO PPS-78 FORMULA FOR CALCULATING SALINITY

Practical Salinity Scale (PPS 78) Salinity in the range of 2 to 42

Constants from the 19th Edition of Standard Methods

R cond.ratio	0.0117	$R = \frac{C}{42.914 mS/cm}$
C Cond at t	**0.5**	**Input conductivity in mS/cm of sample**
t deg. C	**22.00**	**Input temperature of sample solution**
P dBar	**20**	**Input pressure at which sample is measured in decibars**
Rp	1.0020845	$R_p = 1 + \frac{p(e_1 + e_2 p + e_3 p^2)}{1 + d_1 t + d_2 t^2 + (d_3 + d_4 t)R}$
rt	1.1641102	$r_t = c_0 + c_1 t + c_2 t^2 + c_3 t^3 + c_4 t^4$
Rt	0.0099879	$R_t = \frac{R}{R_p \times r_t}$
Delta S	-0.0010	$\text{Delta S} = \frac{(t-15)}{1+k(t-15)}(b_0 + b_1 R_t^{1/2} + b_2 R_t + b_3 R_t^{3/2} + b_4 R_t^2 + b_5 R_t^{5/2})$
S = Salinity	**0.257**	$S = a_0 + a_1 R_t^{1/2} + a_2 R_t + a_3 R_t^{3/2} + a_4 R_t^2 + a_5 R_t^{5/2} + \text{delta S}$

a0	0.0080	b0	0.0005	c0	0.6766097	d1	3.426E-02	e1	2.070E-04
a1	-0.1692	b1	-0.0056	c1	2.00564E-02	d2	4.464E-04	e2	-6.370E-08
a2	25.3851	b2	-0.0066	c2	1.104259E-04	d3	4.215E-01	e3	3.989E-12
a3	14.0941	b3	-0.0375	c3	-6.9698E-07	d4	-3.107E-03		
a4	-7.0261	b4	0.0636	c4	1.0031E-09				
a5	2.7081	b5	-0.0144						
		k	0.0162						

R = ratio of measured conductivity to the conductivity of the Standard Seawater Solution

Conductivity Ratio R is a function of salinity, temperature, and hydraulic pressure. So that we can factor R into three parts i.e.

R = Rt x Rp x rt

R = C(S,t,p)/C(35,15,0)

C = 42.914 mS/cm at 15 deg C and 0 dbar pressure ie C(35,15,0) where 35 is the salinity

Ocean pressure is usually measured in decibars. 1 dbar = 10^-1 bar = 10^5 dyne/cm^2 = 10^4 Pascal.

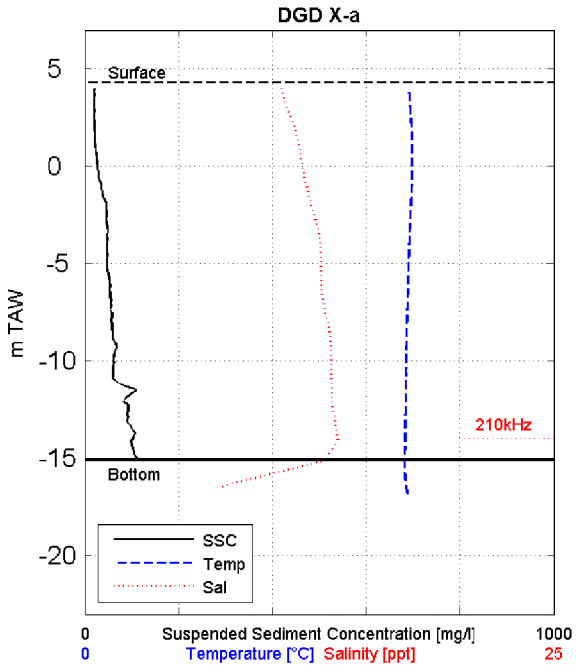
APPENDIX F.

SILTPROFILER GRAPHS

F.1 Location Xa

Through tide measurements Siltprofiler DGD Summer 2008

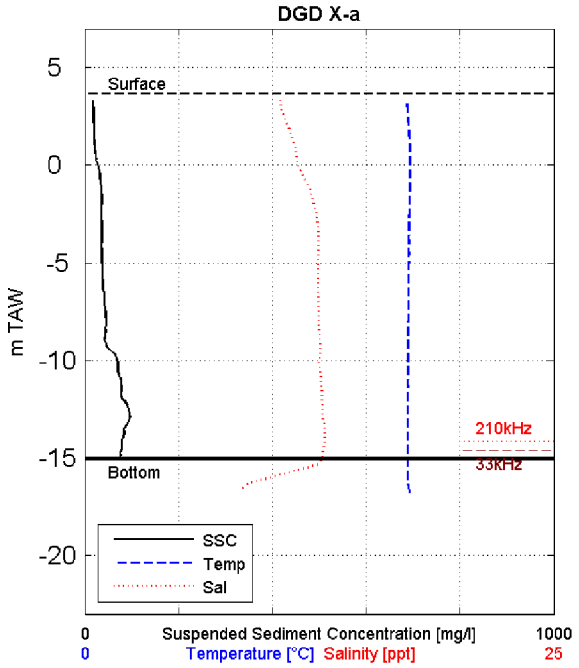
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8008 Xa_ctd.sil 8023 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:05
Time after/before HT [MET]:	1:55
Coordinates [UTM-ED50] Easting:	588560
Coordinates [UTM-ED50] Northing:	5684340
Water-Bottom Interface Siltpr. [m TAW]:	-15.11
Waterdepth 210 kHz Echo [m TAW]:	-13.96
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	4.30

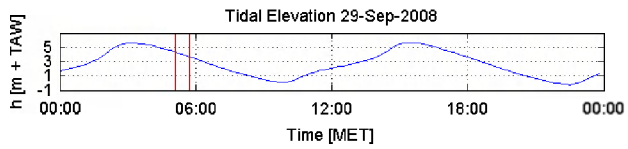
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.01	17.3	10.5	20
3.12	17.3	10.8	20
2.21	17.4	11.1	20
1.27	17.4	11.4	19
0.27	17.4	11.6	27
-0.74	17.4	11.8	33
-1.64	17.4	12.0	42
-2.53	17.4	12.3	47
-3.39	17.3	12.5	50
-4.30	17.3	12.6	48
-5.16	17.3	12.6	46
-6.00	17.3	12.6	52
-6.91	17.2	12.7	55
-7.86	17.1	12.9	57
-8.82	17.1	13.1	61
-9.76	17.1	13.1	62
-10.67	17.1	13.1	62
-11.52	17.1	13.1	113
-12.41	17.1	13.2	94
-13.22	17.1	13.4	94
-14.09	17.1	13.5	98
-14.94	17.1	12.9	109
-15.11	17.1	12.8	115
Depth Avg	**17.2**	**12.4**	**54**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:42
Time after/before HT [MET]:	2:32
Coordinates [UTM-ED50] Easting:	588565
Coordinates [UTM-ED50] Northing:	5684353
Water-Bottom Interface Siltpr. [m TAW]:	-15.04
Waterdepth 210 kHz Echo [m TAW]:	-14.16
Waterdepth 33 kHz Echo [m TAW]:	-14.62
Surface Elevation [m TAW]:	3.67

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.37	17.2	10.4	17
2.58	17.2	10.6	20
1.72	17.3	11.0	19
0.89	17.3	11.2	22
0.08	17.3	11.3	29
-0.81	17.3	11.8	34
-1.69	17.3	12.1	36
-2.58	17.3	12.3	35
-3.39	17.3	12.4	37
-4.33	17.3	12.4	39
-5.28	17.3	12.4	36
-6.20	17.3	12.4	38
-7.05	17.3	12.4	40
-7.92	17.3	12.5	45
-8.89	17.2	12.5	43
-9.73	17.3	12.5	65
-10.57	17.2	12.5	70
-11.48	17.2	12.6	78
-12.33	17.2	12.7	92
-13.22	17.2	12.8	92
-14.06	17.2	12.8	79
-15.04	17.2	12.7	78
-15.04	17.2	12.7	78
Depth Avg	**17.3**	**12.1**	**47**



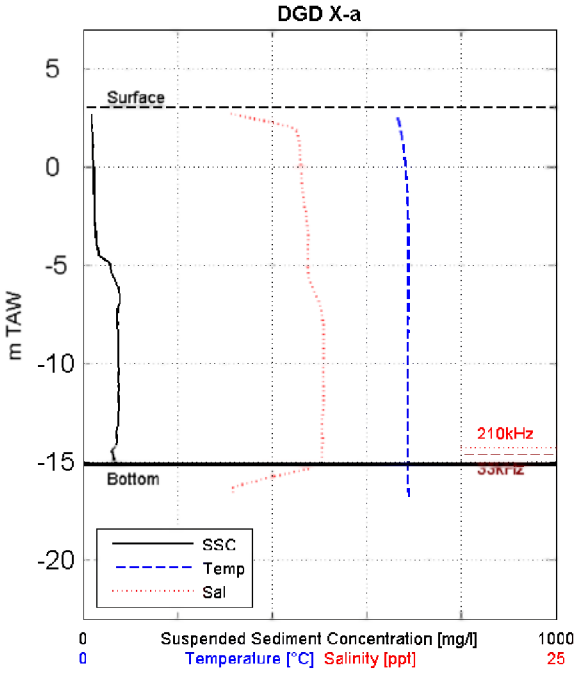
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

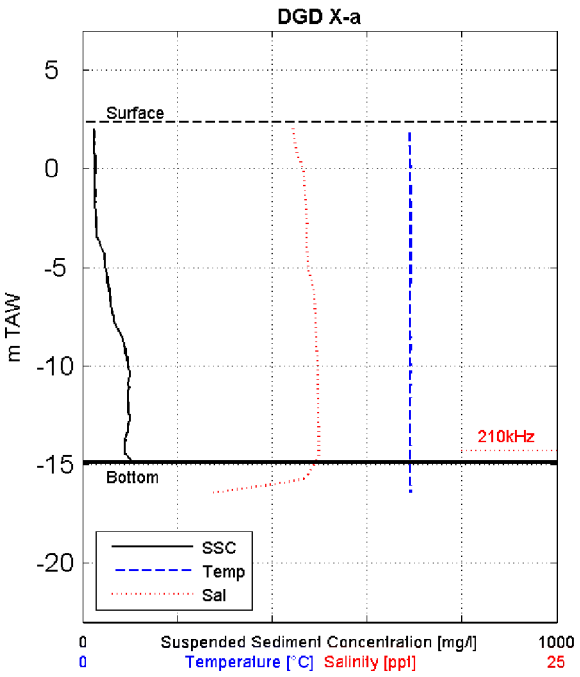
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8038 Xa_ctd.sil 8054 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:16
Time after/before HT [MET]:	3:06
Coordinates [UTM-ED50] Easting:	588553
Coordinates [UTM-ED50] Northing:	5684350
Water-Bottom Interface Siltpr. [m TAW]:	-15.15
Waterdepth 210 kHz Echo [m TAW]:	-14.26
Waterdepth 33 kHz Echo [m TAW]:	-14.61
Surface Elevation [m TAW]:	3.05

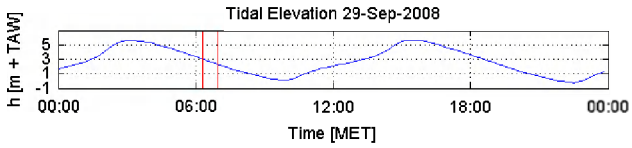
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.77	16.5	7.5	19
1.98	16.8	11.2	18
1.20	16.9	11.4	19
0.43	17.0	11.5	20
-0.40	17.1	11.5	23
-1.23	17.1	11.6	23
-2.07	17.2	11.7	22
-2.90	17.2	11.8	24
-3.69	17.2	11.9	28
-4.55	17.2	11.8	35
-5.46	17.2	11.9	62
-6.30	17.2	12.2	76
-7.13	17.2	12.5	72
-7.99	17.2	12.7	72
-8.90	17.1	12.7	73
-9.79	17.1	12.7	72
-10.67	17.1	12.7	71
-11.60	17.1	12.7	75
-12.51	17.1	12.6	75
-13.40	17.2	12.6	72
-14.26	17.1	12.6	64
-15.15	17.2	12.6	78
-15.15	17.2	12.6	78
Depth Avg	**17.1**	**12.0**	**50**



Siltprofiler

Date & Time [MET]:	29/9/2008 06:56
Time after/before HT [MET]:	3:46
Coordinates [UTM-ED50] Easting:	588558
Coordinates [UTM-ED50] Northing:	5684346
Water-Bottom Interface Siltpr. [m TAW]:	-14.93
Waterdepth 210 kHz Echo [m TAW]:	-14.28
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.06	17.2	11.1	23
1.25	17.3	11.2	24
0.39	17.3	11.5	27
-0.43	17.3	11.7	26
-1.24	17.3	11.7	26
-2.03	17.3	11.8	26
-2.79	17.3	11.8	28
-3.64	17.3	11.8	36
-4.56	17.3	11.9	47
-5.39	17.3	12.0	52
-6.22	17.3	12.2	57
-7.09	17.3	12.2	62
-7.94	17.3	12.3	73
-8.73	17.3	12.3	85
-9.57	17.3	12.4	95
-10.33	17.3	12.4	99
-11.14	17.3	12.4	98
-11.88	17.3	12.4	96
-12.61	17.2	12.4	99
-13.38	17.3	12.4	95
-14.11	17.3	12.4	89
-14.83	17.3	12.3	107
-14.93	17.3	12.2	117
Depth Avg	**17.3**	**12.0**	**60**



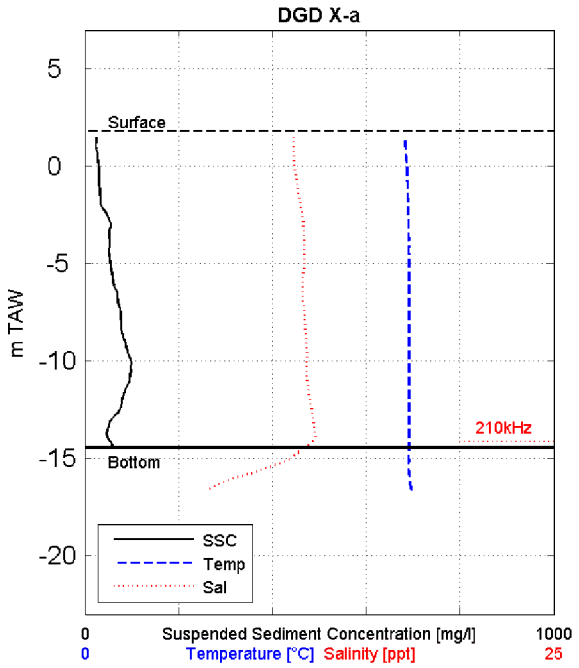
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

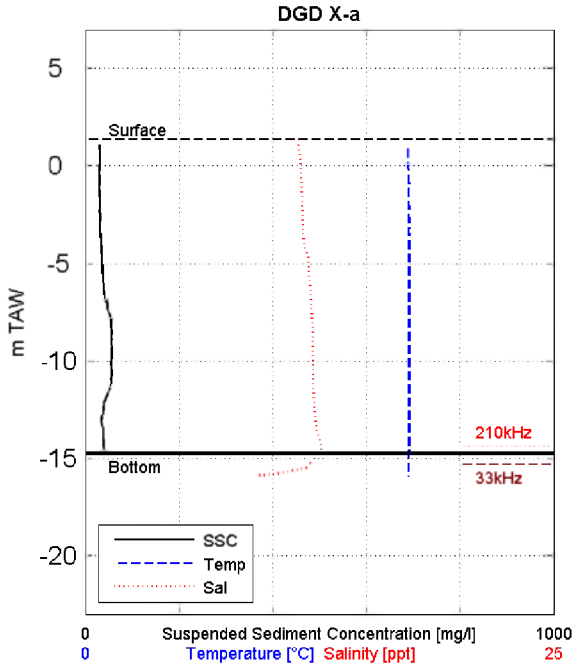
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8069 Xa_ctd.sil 8084 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:28
Time after/before HT [MET]:	4:18
Coordinates [UTM-ED50] Easting:	588574
Coordinates [UTM-ED50] Northing:	5684335
Water-Bottom Interface Siltpr. [m TAW]:	-14.47
Waterdepth 210 kHz Echo [m TAW]:	-14.11
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.78

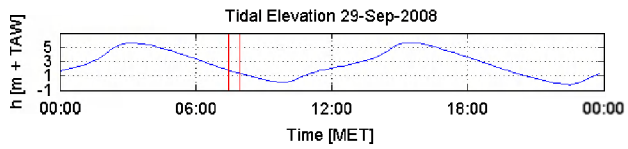
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.50	17.1	NaN	24
0.81	17.1	11.1	26
0.12	17.2	11.2	30
-0.62	17.2	11.3	31
-1.32	17.2	11.4	33
-2.02	17.2	11.5	35
-2.83	17.2	11.6	54
-3.59	17.3	11.7	54
-4.37	17.3	11.7	51
-5.24	17.3	11.7	57
-5.99	17.3	11.7	62
-6.76	17.3	11.7	69
-7.44	17.3	11.7	76
-8.23	17.3	11.7	77
-8.95	17.3	11.8	84
-9.66	17.3	11.8	94
-10.44	17.3	11.8	97
-11.13	17.3	11.9	94
-11.85	17.3	12.0	81
-12.56	17.3	12.1	72
-13.30	17.3	12.2	51
-14.08	17.3	12.2	51
-14.47	17.3	11.7	62
Depth Avg	**17.3**	**11.7**	**60**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:57
Time after/before HT [MET]:	4:47
Coordinates [UTM-ED50] Easting:	588555
Coordinates [UTM-ED50] Northing:	5684361
Water-Bottom Interface Siltpr. [m TAW]:	-14.76
Waterdepth 210 kHz Echo [m TAW]:	-14.37
Waterdepth 33 kHz Echo [m TAW]:	-15.30
Surface Elevation [m TAW]:	1.34

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.05	17.3	11.4	30
0.31	17.2	11.5	31
-0.46	17.3	11.5	31
-1.19	17.3	11.6	30
-1.95	17.3	11.6	31
-2.74	17.3	11.6	32
-3.55	17.3	11.6	32
-4.32	17.3	11.8	36
-5.10	17.3	11.9	36
-5.86	17.3	12.0	37
-6.62	17.3	12.0	40
-7.41	17.3	12.1	48
-8.12	17.3	12.1	55
-8.84	17.3	12.2	55
-9.53	17.3	12.2	57
-10.31	17.3	12.2	56
-11.09	17.3	12.2	55
-11.83	17.3	12.2	47
-12.54	17.3	12.2	40
-13.33	17.3	12.3	37
-13.99	17.3	12.5	36
-14.76	17.3	12.4	41
-14.76	17.3	12.4	40
Depth Avg	**17.3**	**11.9**	**40**



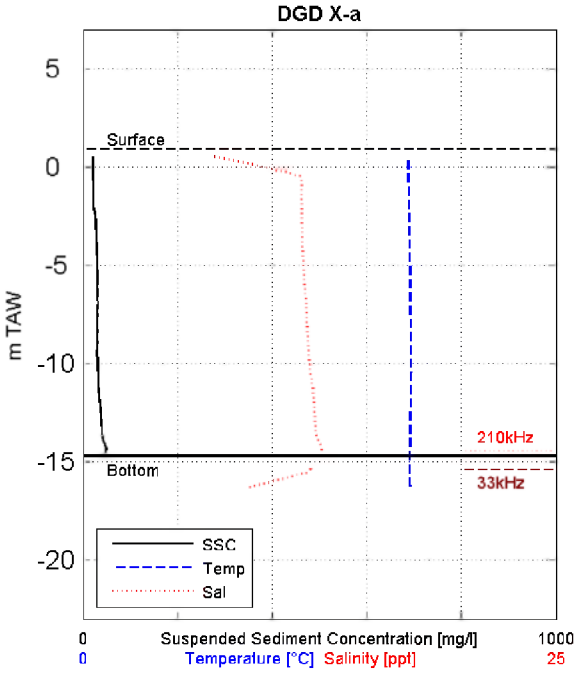
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

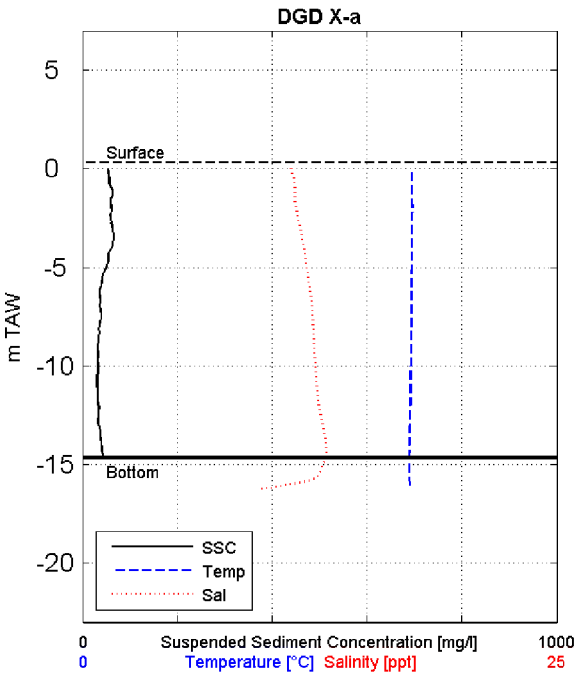
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8099 Xa_ctd.sil 8119 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:27
Time after/before HT [MET]:	5:17
Coordinates [UTM-ED50] Easting:	588557
Coordinates [UTM-ED50] Northing:	5684362
Water-Bottom Interface Siltpr. [m TAW]:	-14.72
Waterdepth 210 kHz Echo [m TAW]:	-14.42
Waterdepth 33 kHz Echo [m TAW]:	-15.37
Surface Elevation [m TAW]:	0.91

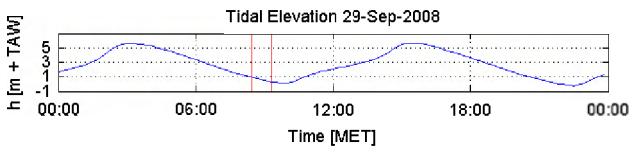
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.59	17.2	6.5	21
-0.14	17.2	10.2	22
-0.96	17.2	11.5	22
-1.70	17.2	11.5	22
-2.43	17.2	11.6	25
-3.09	17.2	11.6	27
-3.81	17.2	11.6	28
-4.45	17.3	11.6	30
-5.26	17.2	11.6	32
-5.97	17.3	11.7	31
-6.71	17.3	11.8	28
-7.49	17.3	11.8	29
-8.26	17.3	11.8	31
-9.04	17.3	11.9	31
-9.78	17.3	11.9	30
-10.56	17.3	12.0	32
-11.25	17.3	12.1	33
-11.90	17.3	12.2	34
-12.56	17.3	12.2	37
-13.24	17.3	12.3	39
-13.89	17.3	12.4	41
-14.60	17.3	12.5	49
-14.72	17.2	12.4	49
Depth Avg	**17.3**	**11.6**	**30**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:19
Time after/before HT [MET]:	6:09
Coordinates [UTM-ED50] Easting:	588535
Coordinates [UTM-ED50] Northing:	5684346
Water-Bottom Interface Siltpr. [m TAW]:	-14.69
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.31

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.01	17.4	11.0	54
-0.75	17.4	11.2	57
-1.51	17.4	11.2	59
-2.23	17.4	11.3	60
-2.94	17.4	11.5	62
-3.60	17.4	11.6	65
-4.34	17.3	11.7	54
-5.05	17.3	11.8	51
-5.81	17.3	11.9	40
-6.57	17.3	12.1	38
-7.27	17.3	12.1	39
-7.95	17.3	12.2	35
-8.69	17.3	12.2	34
-9.40	17.3	12.2	32
-10.06	17.3	12.3	32
-10.68	17.3	12.3	31
-11.34	17.3	12.4	31
-11.96	17.3	12.4	33
-12.65	17.3	12.6	33
-13.36	17.2	12.8	37
-14.04	17.2	12.8	41
-14.69	17.2	12.8	44
Depth Avg	**17.3**	**12.0**	**44**



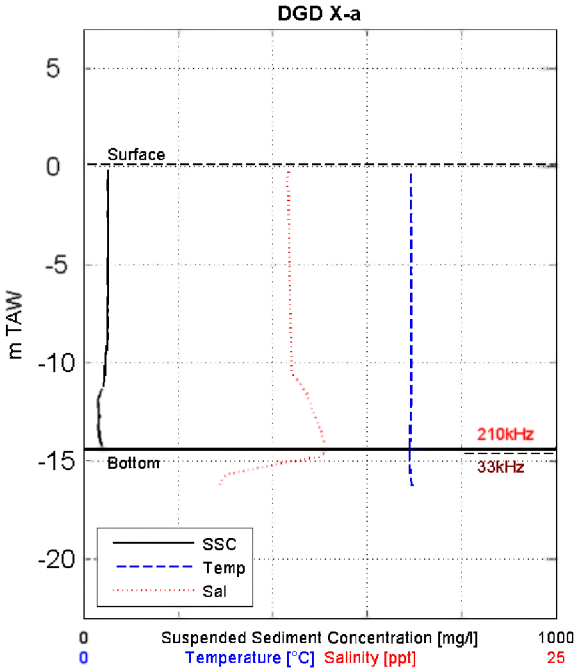
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

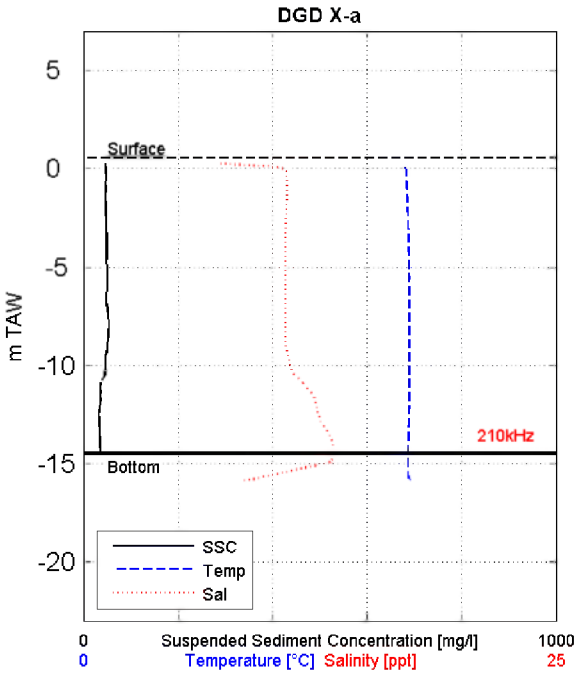
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8134 Xa_ctd.sil 8149 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:57
Time after/before HT [MET]:	0:07
Coordinates [UTM-ED50] Easting:	588563
Coordinates [UTM-ED50] Northing:	5684357
Water-Bottom Interface Siltpr. [m TAW]:	-14.41
Waterdepth 210 kHz Echo [m TAW]:	-14.28
Waterdepth 33 kHz Echo [m TAW]:	-14.59
Surface Elevation [m TAW]:	0.12

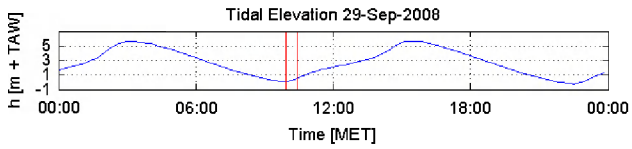
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.16	17.3	NaN	52
-0.82	17.3	10.8	51
-1.53	17.3	10.8	52
-2.26	17.3	10.8	52
-2.91	17.3	10.8	52
-3.60	17.3	10.8	51
-4.35	17.3	10.9	51
-5.05	17.3	10.9	49
-5.76	17.3	10.9	50
-6.49	17.3	10.9	51
-7.16	17.3	10.9	51
-7.87	17.3	10.9	52
-8.54	17.3	11.0	50
-9.25	17.3	11.0	49
-9.93	17.3	11.0	45
-10.60	17.3	11.1	44
-11.24	17.3	11.6	39
-11.97	17.3	12.0	28
-12.61	17.3	12.2	32
-13.20	17.3	12.4	30
-13.79	17.3	12.7	34
-14.41	17.2	12.9	42
-14.41	17.2	12.9	42
Depth Avg	**17.3**	**11.2**	**46**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:26
Time after/before HT [MET]:	0:36
Coordinates [UTM-ED50] Easting:	588558
Coordinates [UTM-ED50] Northing:	5684340
Water-Bottom Interface Siltpr. [m TAW]:	-14.46
Waterdepth 210 kHz Echo [m TAW]:	-14.29
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.54

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.26	17.0	6.9	47
-0.47	17.1	10.7	47
-1.24	17.1	10.7	45
-2.00	17.1	10.7	47
-2.71	17.1	10.7	47
-3.47	17.2	10.7	47
-4.14	17.2	10.7	49
-4.80	17.2	10.7	48
-5.56	17.2	10.6	48
-6.27	17.2	10.6	47
-6.94	17.3	10.6	51
-7.65	17.2	10.6	54
-8.33	17.2	10.7	54
-9.03	17.2	10.7	51
-9.78	17.3	10.9	47
-10.47	17.2	11.2	45
-11.19	17.2	11.8	36
-11.87	17.2	12.3	35
-12.47	17.2	12.4	31
-13.15	17.2	12.7	32
-13.79	17.2	13.2	35
-14.43	17.1	13.2	35
-14.46	17.1	13.2	37
Depth Avg	**17.2**	**11.1**	**45**



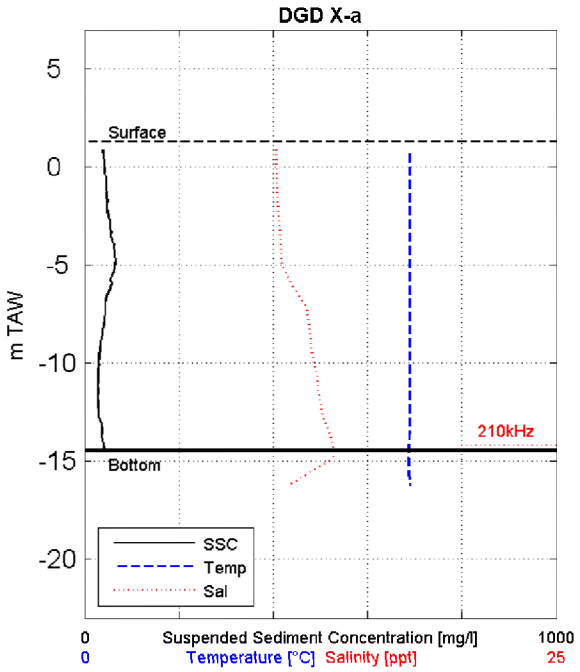
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

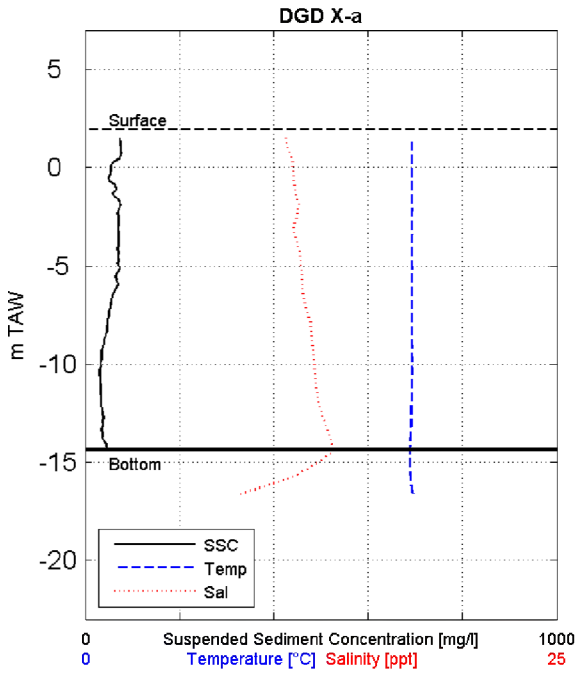
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8164 Xa_ctd.sil 8179 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:02
Time after/before HT [MET]:	1:12
Coordinates [UTM-ED50] Easting:	588568
Coordinates [UTM-ED50] Northing:	5684335
Water-Bottom Interface Siltpr. [m TAW]:	-14.49
Waterdepth 210 kHz Echo [m TAW]:	-14.16
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.29

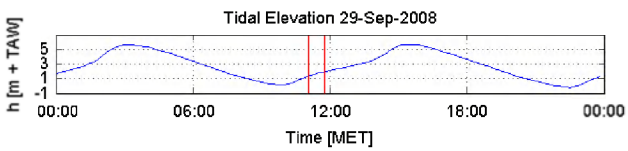
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.96	17.2	10.1	38
0.17	17.2	10.1	41
-0.61	17.2	10.2	46
-1.39	17.3	10.2	48
-2.18	17.3	10.2	48
-2.95	17.3	10.3	54
-3.75	17.2	10.4	58
-4.47	17.2	10.4	63
-5.18	17.2	10.6	63
-5.84	17.2	10.9	57
-6.51	17.2	11.3	47
-7.25	17.2	11.8	45
-7.98	17.3	11.9	42
-8.72	17.2	11.9	36
-9.45	17.3	12.0	30
-10.12	17.3	12.2	30
-10.76	17.3	12.3	28
-11.49	17.3	12.4	29
-12.14	17.3	12.5	28
-12.80	17.3	12.7	30
-13.37	17.2	12.9	36
-14.03	17.2	13.1	40
-14.49	17.2	13.2	54
Depth Avg	**17.2**	**11.3**	**43**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:44
Time after/before HT [MET]:	1:54
Coordinates [UTM-ED50] Easting:	588579
Coordinates [UTM-ED50] Northing:	5684339
Water-Bottom Interface Siltpr. [m TAW]:	-14.40
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.91

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.60	17.3	10.6	73
0.85	17.3	10.8	77
0.08	17.3	11.0	55
-0.70	17.3	11.1	53
-1.51	17.3	11.2	62
-2.21	17.3	11.3	69
-2.91	17.3	11.1	69
-3.68	17.3	11.2	70
-4.44	17.3	11.4	70
-5.25	17.3	11.5	71
-5.99	17.3	11.5	67
-6.72	17.3	11.6	55
-7.44	17.3	11.8	49
-8.22	17.3	12.0	47
-8.92	17.3	12.0	38
-9.60	17.3	12.1	35
-10.39	17.3	12.2	30
-11.10	17.3	12.2	33
-11.81	17.3	12.3	31
-12.52	17.3	12.5	37
-13.16	17.3	12.8	37
-13.97	17.2	13.1	39
-14.40	17.2	13.2	48
Depth Avg	**17.3**	**11.7**	**54**



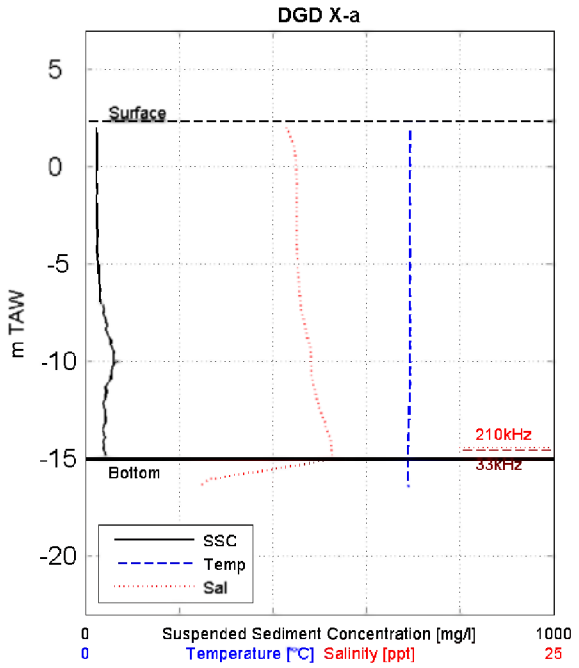
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

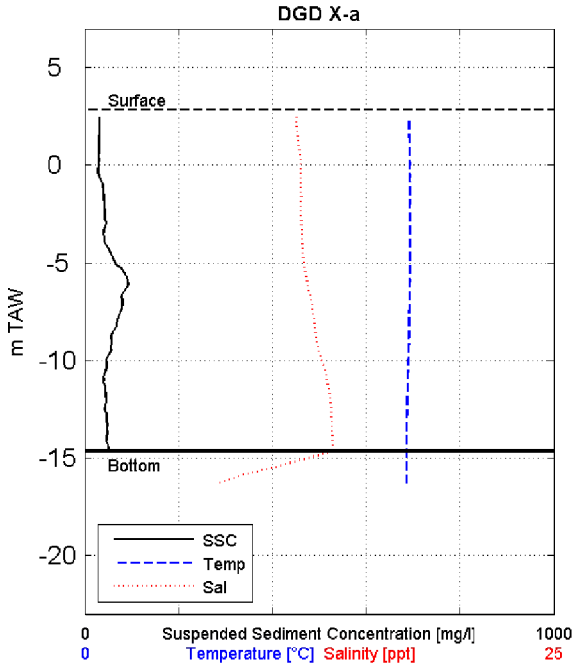
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8194 Xa_ctd.sil 8214 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:20
Time after/before HT [MET]:	2:30
Coordinates [UTM-ED50] Easting:	588551
Coordinates [UTM-ED50] Northing:	5684364
Water-Bottom Interface Siltpr. [m TAW]:	-15.03
Waterdepth 210 kHz Echo [m TAW]:	-14.42
Waterdepth 33 kHz Echo [m TAW]:	-14.57
Surface Elevation [m TAW]:	2.30

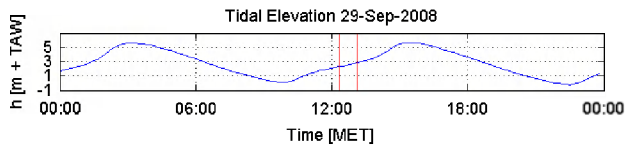
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.01	17.3	10.7	24
1.15	17.3	11.1	26
0.26	17.3	11.2	26
-0.57	17.3	11.3	24
-1.48	17.3	11.3	23
-2.22	17.3	11.3	24
-3.01	17.3	11.3	24
-3.86	17.3	11.3	26
-4.70	17.3	11.3	24
-5.42	17.3	11.4	28
-6.13	17.3	11.4	32
-6.91	17.3	11.5	32
-7.68	17.3	11.6	43
-8.48	17.3	11.8	44
-9.35	17.3	12.0	61
-10.16	17.3	12.1	62
-10.97	17.3	12.1	53
-11.75	17.3	12.3	43
-12.47	17.3	12.5	40
-13.18	17.3	12.8	42
-13.92	17.2	13.1	41
-14.70	17.2	13.2	42
-15.03	17.1	13.2	45
Depth Avg	**17.3**	**11.7**	**35**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:06
Time after/before HT [MET]:	3:16
Coordinates [UTM-ED50] Easting:	588547
Coordinates [UTM-ED50] Northing:	5684347
Water-Bottom Interface Siltpr. [m TAW]:	-14.67
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.83

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.55	17.3	11.3	32
1.67	17.3	11.3	30
0.79	17.3	11.4	30
-0.15	17.3	11.5	30
-0.99	17.3	11.5	39
-1.80	17.3	11.5	43
-2.59	17.3	11.5	43
-3.35	17.3	11.6	40
-4.23	17.3	11.6	51
-5.02	17.3	11.7	64
-5.87	17.3	11.8	91
-6.69	17.3	12.0	78
-7.57	17.3	12.2	75
-8.43	17.3	12.3	60
-9.25	17.3	12.4	55
-9.98	17.3	12.7	45
-10.72	17.2	12.9	41
-11.48	17.2	13.0	42
-12.26	17.2	13.1	43
-13.01	17.2	13.2	44
-13.87	17.1	13.2	47
-14.67	17.1	13.2	49
-14.67	17.1	13.2	50
Depth Avg	**17.3**	**12.1**	**49**



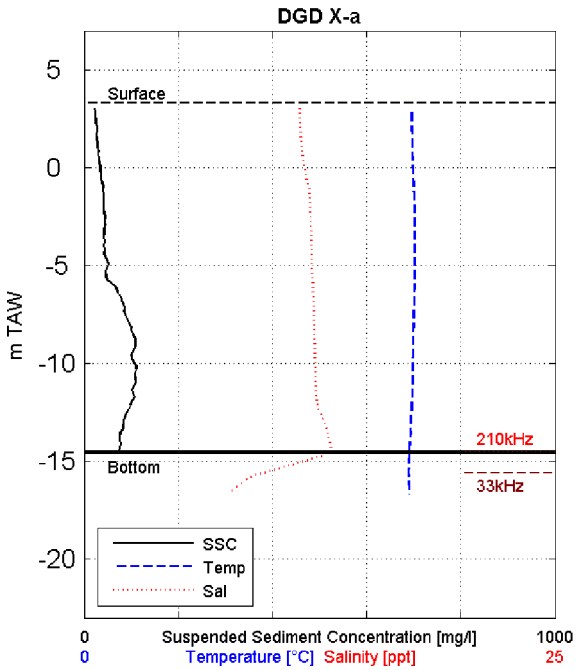
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

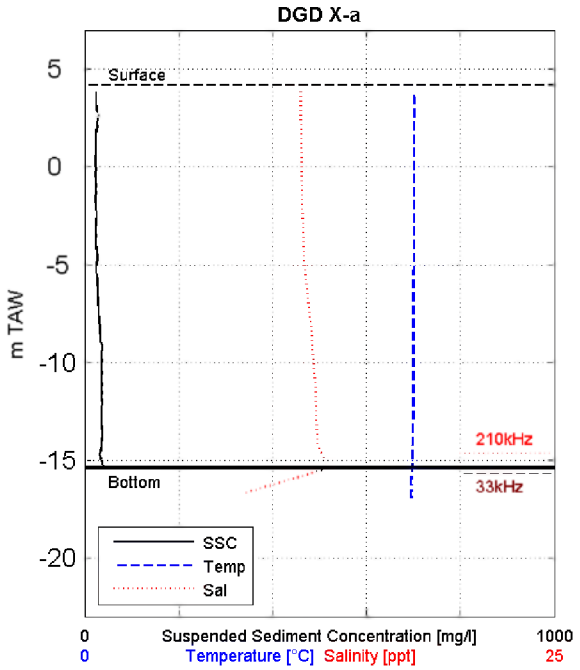
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8229 Xa_ctd.sil 8244 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:40
Time after/before HT [MET]:	3:50
Coordinates [UTM-ED50] Easting:	588532
Coordinates [UTM-ED50] Northing:	5684348
Water-Bottom Interface Siltpr. [m TAW]:	-14.57
Waterdepth 210 kHz Echo [m TAW]:	-14.53
Waterdepth 33 kHz Echo [m TAW]:	-15.56
Surface Elevation [m TAW]:	3.30

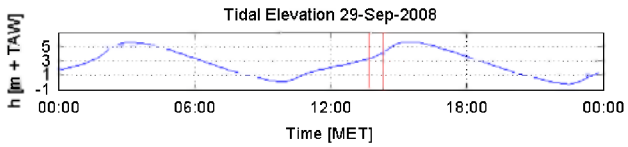
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.02	17.4	11.4	22
2.13	17.4	11.5	26
1.33	17.4	11.5	28
0.56	17.4	11.6	31
-0.20	17.4	11.7	35
-1.06	17.4	11.9	39
-1.94	17.5	12.0	41
-2.78	17.6	12.0	44
-3.57	17.6	12.1	40
-4.36	17.5	12.1	41
-5.14	17.5	12.1	47
-6.17	17.5	12.2	73
-7.01	17.5	12.2	86
-7.72	17.5	12.2	89
-8.43	17.4	12.2	105
-9.19	17.4	12.2	107
-9.93	17.4	12.3	106
-10.79	17.4	12.3	108
-11.61	17.4	12.3	107
-12.46	17.4	12.5	90
-13.32	17.3	12.9	83
-14.11	17.3	13.0	78
-14.57	17.3	13.1	73
Depth Avg	**17.4**	**12.1**	**64**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:19
Time after/before HT [MET]:	4:29
Coordinates [UTM-ED50] Easting:	588540
Coordinates [UTM-ED50] Northing:	5684354
Water-Bottom Interface Siltpr. [m TAW]:	-15.40
Waterdepth 210 kHz Echo [m TAW]:	-14.63
Waterdepth 33 kHz Echo [m TAW]:	-15.68
Surface Elevation [m TAW]:	4.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.87	17.5	11.5	23
2.94	17.5	11.5	24
1.95	17.5	11.5	24
0.99	17.5	11.5	23
0.06	17.5	11.5	23
-0.85	17.5	11.6	25
-1.78	17.5	11.6	24
-2.66	17.5	11.6	26
-3.53	17.5	11.6	24
-4.48	17.5	11.7	25
-5.39	17.5	11.7	24
-6.25	17.5	11.8	26
-7.14	17.5	11.9	30
-8.10	17.5	12.0	33
-8.94	17.5	12.1	35
-9.86	17.5	12.2	36
-10.72	17.5	12.3	36
-11.56	17.5	12.3	37
-12.42	17.5	12.3	35
-13.26	17.4	12.3	36
-14.12	17.5	12.4	35
-14.96	17.4	12.8	36
-15.40	17.4	13.0	44
Depth Avg	**17.5**	**11.9**	**29**



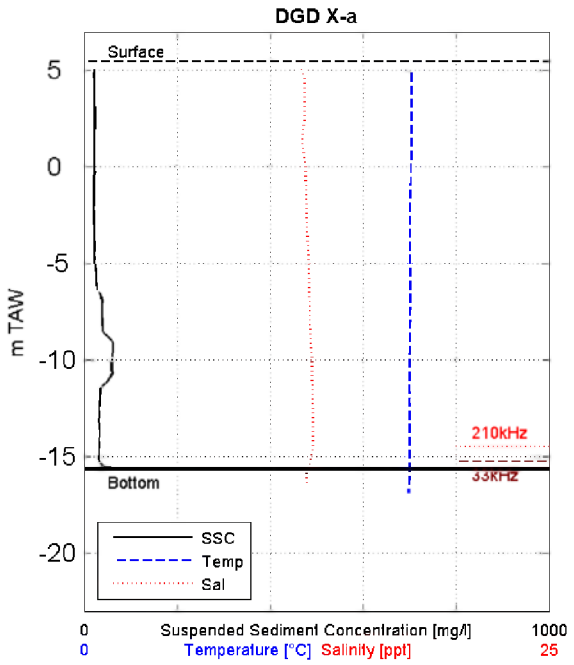
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

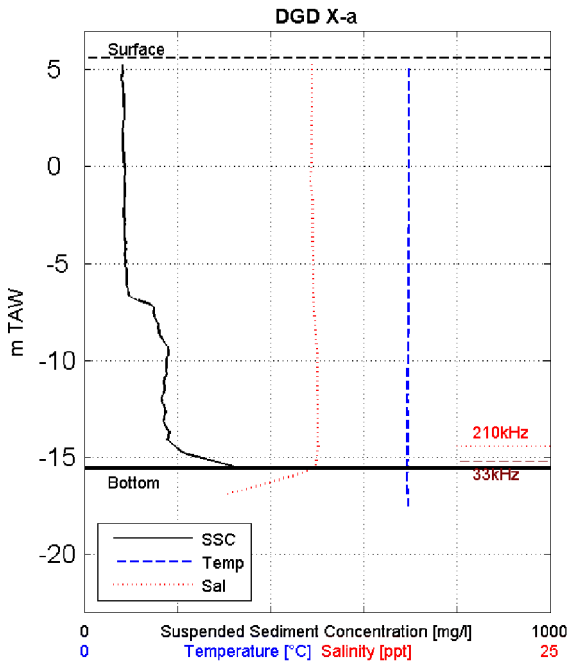
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8259 Xa_ctd.sil 8274 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:00
Time after/before HT [MET]:	5:10
Coordinates [UTM-ED50] Easting:	588546
Coordinates [UTM-ED50] Northing:	5684343
Water-Bottom Interface Siltpr. [m TAW]:	-15.65
Waterdepth 210 kHz Echo [m TAW]:	-14.45
Waterdepth 33 kHz Echo [m TAW]:	-15.24
Surface Elevation [m TAW]:	5.44

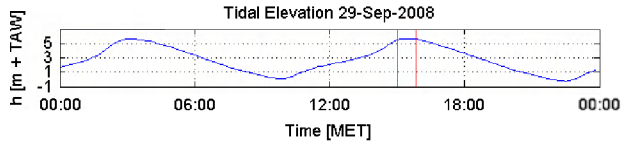
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.12	17.6	11.6	22
4.11	17.6	11.8	22
3.10	17.6	11.9	23
2.14	17.6	11.8	24
1.13	17.6	11.7	21
0.08	17.6	11.9	22
-0.84	17.5	11.9	21
-1.79	17.5	11.9	21
-2.72	17.5	11.9	21
-3.74	17.5	12.0	21
-4.71	17.5	12.0	21
-5.65	17.5	12.1	26
-6.76	17.5	12.1	37
-7.76	17.5	12.1	38
-8.68	17.5	12.1	45
-9.61	17.5	12.2	62
-10.54	17.5	12.3	59
-11.52	17.5	12.3	34
-12.41	17.5	12.3	31
-13.30	17.5	12.3	34
-14.23	17.5	12.3	32
-15.21	17.5	12.1	31
-15.65	17.5	12.0	56
Depth Avg	**17.5**	**12.0**	**30**



Siltprofiler

Date & Time [MET]:	29/9/2008 15:51
Time after/before HT [MET]:	6:01
Coordinates [UTM-ED50] Easting:	588545
Coordinates [UTM-ED50] Northing:	5684353
Water-Bottom Interface Siltpr. [m TAW]:	-15.60
Waterdepth 210 kHz Echo [m TAW]:	-14.42
Waterdepth 33 kHz Echo [m TAW]:	-15.19
Surface Elevation [m TAW]:	5.59

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.30	17.4	12.2	82
4.27	17.4	12.2	83
3.13	17.4	12.2	85
2.12	17.4	12.2	83
1.22	17.4	12.2	83
0.21	17.4	12.2	84
-0.78	17.4	12.1	84
-1.76	17.4	12.2	85
-2.67	17.4	12.2	87
-3.72	17.4	12.2	88
-4.68	17.4	12.3	88
-5.64	17.4	12.3	89
-6.58	17.4	12.3	94
-7.63	17.4	12.3	148
-8.62	17.3	12.4	159
-9.52	17.4	12.5	180
-10.48	17.3	12.5	176
-11.39	17.4	12.5	173
-12.35	17.4	12.5	169
-13.26	17.3	12.5	173
-14.17	17.3	12.5	178
-15.13	17.3	12.4	282
-15.60	17.3	12.4	348
Depth Avg	**17.4**	**12.3**	**125**



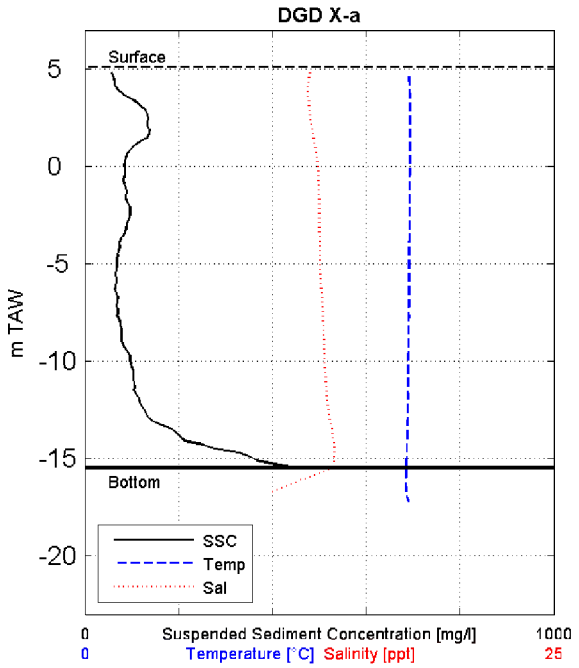
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

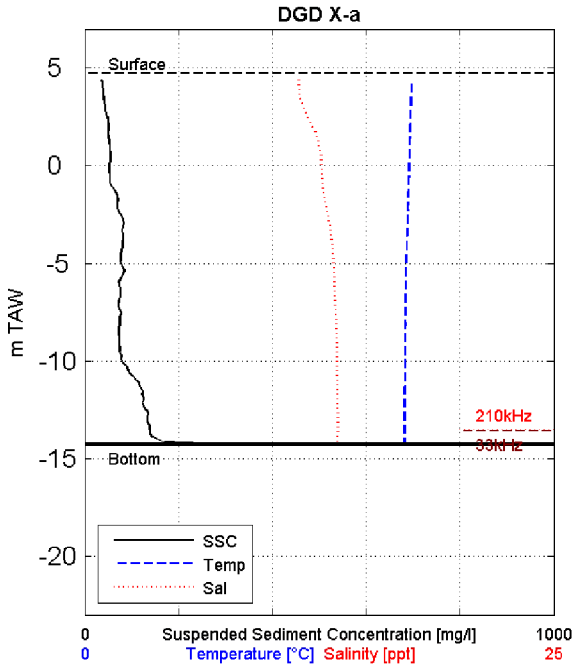
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8289 Xa_ctd.sil 8300 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:27
Time after/before HT [MET]:	6:37
Coordinates [UTM-ED50] Easting:	588536
Coordinates [UTM-ED50] Northing:	5684336
Water-Bottom Interface Siltpr. [m TAW]:	-15.48
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	5.11

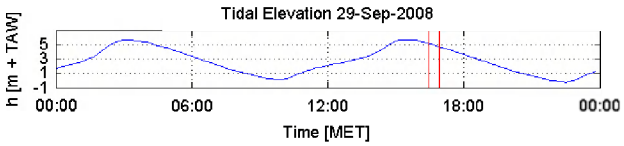
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.82	17.3	12.0	57
3.75	17.3	11.9	76
2.70	17.3	12.0	132
1.71	17.3	12.2	137
0.73	17.3	12.3	90
-0.25	17.3	12.4	88
-1.26	17.3	12.5	92
-2.21	17.3	12.5	98
-3.18	17.3	12.5	86
-4.04	17.3	12.5	73
-4.95	17.3	12.5	69
-5.95	17.3	12.6	66
-6.98	17.3	12.7	67
-7.90	17.3	12.7	75
-8.85	17.3	12.7	77
-9.76	17.2	12.8	97
-10.67	17.2	12.8	103
-11.48	17.2	12.9	106
-12.34	17.2	12.9	122
-13.25	17.2	13.1	156
-14.16	17.1	13.3	226
-15.04	17.1	13.3	366
-15.48	17.1	13.2	542
Depth Avg	**17.3**	**12.6**	**112**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:54
Time after/before HT [MET]:	7:04
Coordinates [UTM-ED50] Easting:	588743
Coordinates [UTM-ED50] Northing:	5684661
Water-Bottom Interface Siltpr. [m TAW]:	-14.30
Waterdepth 210 kHz Echo [m TAW]:	-13.51
Waterdepth 33 kHz Echo [m TAW]:	-13.58
Surface Elevation [m TAW]:	4.70

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.40	17.4	11.4	35
3.52	17.4	11.5	40
2.64	17.4	11.8	48
1.75	17.3	12.3	51
0.89	17.3	12.5	53
-0.11	17.3	12.6	53
-1.07	17.3	12.7	58
-2.04	17.2	12.9	71
-3.06	17.2	13.1	85
-4.00	17.1	13.2	80
-4.93	17.1	13.2	76
-5.92	17.1	13.3	70
-6.90	17.1	13.3	72
-7.83	17.1	13.4	75
-8.81	17.0	13.4	72
-9.85	17.1	13.4	79
-10.78	17.0	13.4	101
-11.69	17.0	13.5	123
-12.60	17.0	13.5	136
-13.56	17.0	13.5	137
-14.20	17.0	13.5	82
-14.23	17.1	13.4	272
-14.30	17.0	NaN	212
Depth Avg	**17.2**	**12.9**	**78**



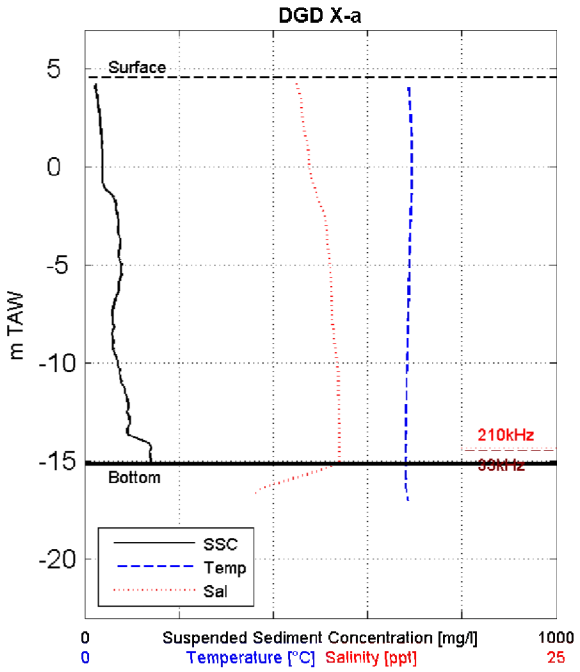
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

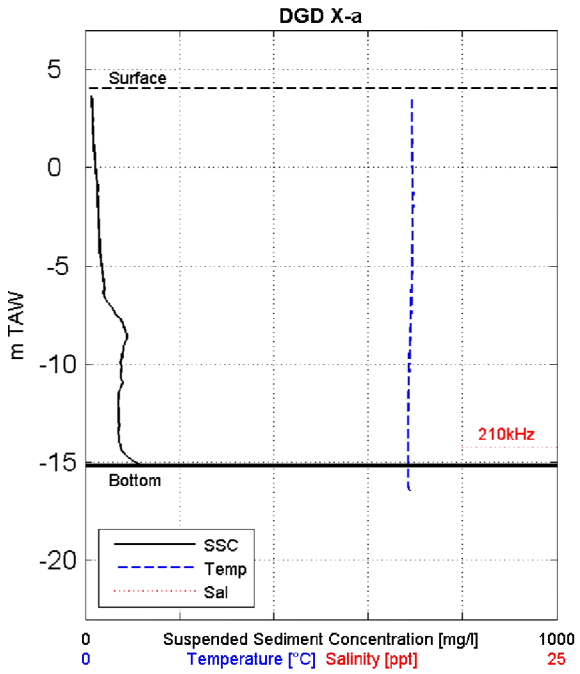
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8304 Xa_ctd.sil 8319 Xa_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:00
Time after/before HT [MET]:	7:10
Coordinates [UTM-ED50] Easting:	588550
Coordinates [UTM-ED50] Northing:	5684340
Water-Bottom Interface Siltpr. [m TAW]:	-15.13
Waterdepth 210 kHz Echo [m TAW]:	-14.34
Waterdepth 33 kHz Echo [m TAW]:	-14.49
Surface Elevation [m TAW]:	4.59

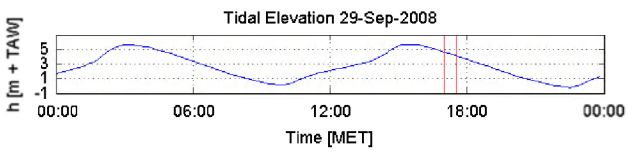
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.27	17.2	11.2	23
3.33	17.2	11.5	27
2.37	17.3	11.6	34
1.49	17.3	11.7	37
0.62	17.4	11.9	36
-0.29	17.4	12.0	37
-1.27	17.3	12.3	52
-2.20	17.3	12.6	66
-3.14	17.3	12.8	70
-4.14	17.2	12.9	74
-5.13	17.2	13.0	77
-6.06	17.2	13.1	74
-7.02	17.1	13.1	61
-7.98	17.1	13.1	60
-8.91	17.1	13.3	58
-9.84	17.1	13.4	67
-10.68	17.1	13.4	75
-11.49	17.1	13.5	83
-12.37	17.0	13.5	92
-13.29	17.0	13.5	90
-14.22	17.0	13.5	141
-15.06	17.0	13.5	139
-15.13	17.0	13.5	144
Depth Avg	**17.2**	**12.7**	**65**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:33
Time after/before HT [MET]:	7:43
Coordinates [UTM-ED50] Easting:	588559
Coordinates [UTM-ED50] Northing:	5684359
Water-Bottom Interface Siltpr. [m TAW]:	-15.22
Waterdepth 210 kHz Echo [m TAW]:	-14.25
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	4.07

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.75	17.3	NaN	14
2.92	17.3	NaN	14
2.09	17.3	NaN	17
1.27	17.3	NaN	18
0.41	17.3	NaN	21
-0.47	17.4	NaN	24
-1.41	17.4	NaN	27
-2.27	17.3	NaN	28
-3.17	17.3	NaN	29
-4.09	17.4	NaN	31
-5.04	17.3	NaN	35
-5.91	17.3	NaN	39
-6.81	17.3	NaN	48
-7.77	17.2	NaN	77
-8.73	17.2	NaN	88
-9.67	17.2	NaN	79
-10.60	17.1	NaN	76
-11.51	17.1	NaN	70
-12.44	17.1	NaN	70
-13.40	17.1	NaN	69
-14.29	17.1	NaN	75
-15.19	17.1	NaN	132
-15.22	17.1	NaN	137
Depth Avg	**17.3**	**NaN**	**48**



Data Processed by: IMDC

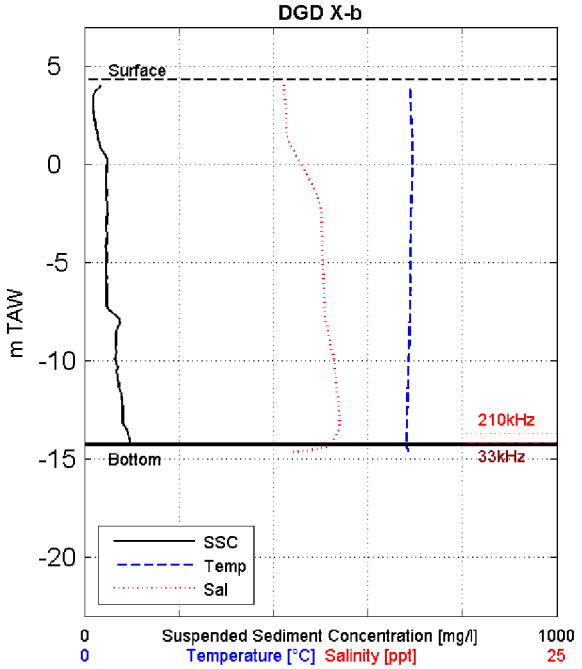
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.2 Location Xb

Through tide measurements Siltprofiler DGD Summer 2008

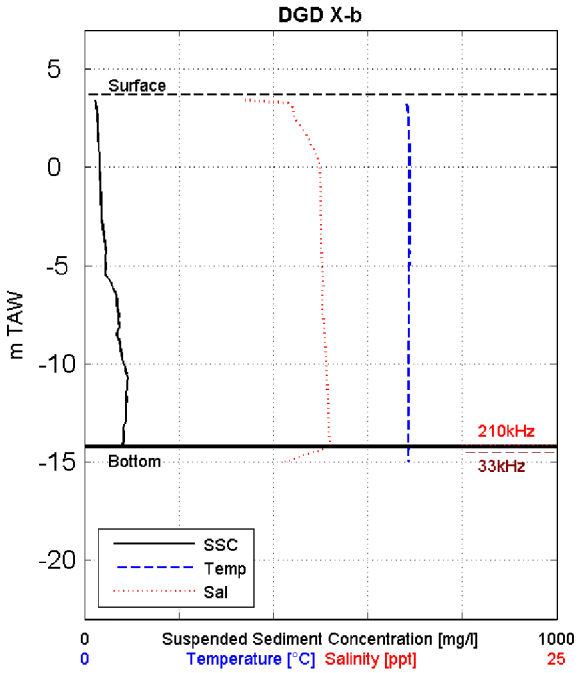
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8007 Xb_ctd.sil 8022 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:03
Time after/before HT [MET]:	1:53
Coordinates [UTM-ED50] Easting:	588607
Coordinates [UTM-ED50] Northing:	5684416
Water-Bottom Interface Siltpr. [m TAW]:	-14.29
Waterdepth 210 kHz Echo [m TAW]:	-13.70
Waterdepth 33 kHz Echo [m TAW]:	-14.17
Surface Elevation [m TAW]:	4.33

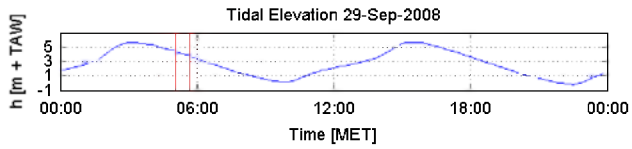
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.05	17.2	10.5	35
3.09	17.2	10.6	17
2.13	17.3	10.7	22
1.18	17.3	10.8	30
0.24	17.3	11.3	48
-0.65	17.3	11.9	45
-1.51	17.3	12.3	47
-2.39	17.3	12.5	47
-3.23	17.3	12.5	44
-4.06	17.2	12.6	45
-4.87	17.2	12.6	47
-5.75	17.2	12.6	47
-6.64	17.2	12.7	49
-7.50	17.2	12.7	56
-8.38	17.2	12.8	67
-9.24	17.2	13.0	65
-10.06	17.1	13.2	66
-10.89	17.1	13.3	70
-11.70	17.1	13.4	79
-12.54	17.1	13.5	81
-13.38	17.1	13.5	85
-14.23	17.0	13.0	93
-14.29	17.0	13.0	94
Depth Avg	**17.2**	**12.3**	**52**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:40
Time after/before HT [MET]:	2:30
Coordinates [UTM-ED50] Easting:	588603
Coordinates [UTM-ED50] Northing:	5684434
Water-Bottom Interface Siltpr. [m TAW]:	-14.25
Waterdepth 210 kHz Echo [m TAW]:	-14.12
Waterdepth 33 kHz Echo [m TAW]:	-14.52
Surface Elevation [m TAW]:	3.71

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.42	17.0	8.4	21
2.53	17.1	11.1	25
1.67	17.1	11.7	28
0.83	17.2	12.2	29
-0.02	17.2	12.4	32
-0.93	17.2	12.5	32
-1.80	17.2	12.5	36
-2.70	17.2	12.5	37
-3.47	17.1	12.5	41
-4.31	17.2	12.5	44
-5.17	17.2	12.6	44
-6.00	17.2	12.6	59
-6.81	17.2	12.6	69
-7.64	17.1	12.6	72
-8.41	17.1	12.7	67
-9.24	17.1	12.7	76
-10.15	17.1	12.8	85
-10.97	17.1	12.8	89
-11.82	17.1	12.9	88
-12.68	17.1	12.9	88
-13.44	17.1	12.9	82
-14.25	17.1	12.9	80
-14.25	17.1	12.9	80
Depth Avg	**17.1**	**12.4**	**55**



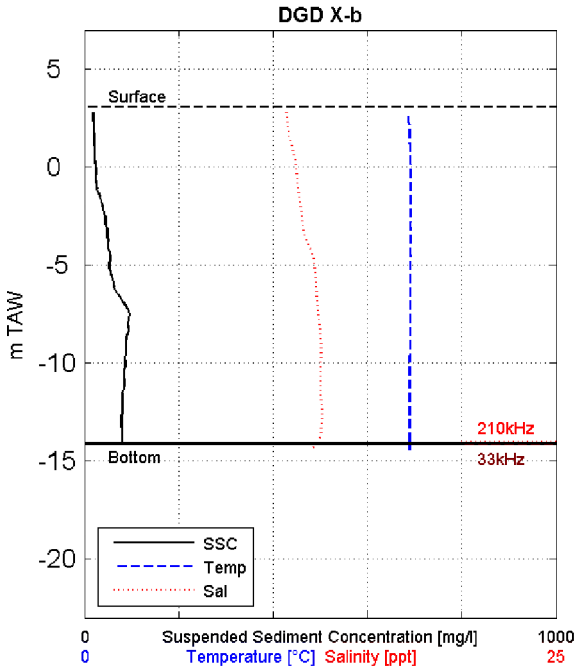
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

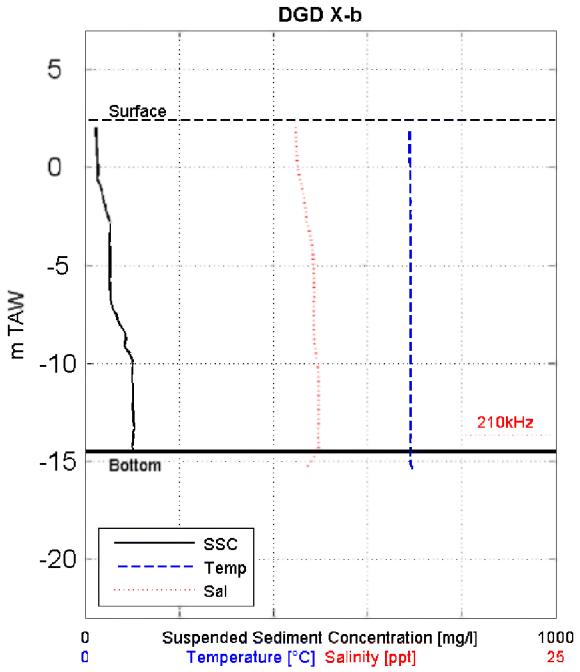
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8037 Xb_ctd.sil 8053 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:14
Time after/before HT [MET]:	3:04
Coordinates [UTM-ED50] Easting:	588612
Coordinates [UTM-ED50] Northing:	5684423
Water-Bottom Interface Siltpr. [m TAW]:	-14.12
Waterdepth 210 kHz Echo [m TAW]:	-13.99
Waterdepth 33 kHz Echo [m TAW]:	-14.20
Surface Elevation [m TAW]:	3.09

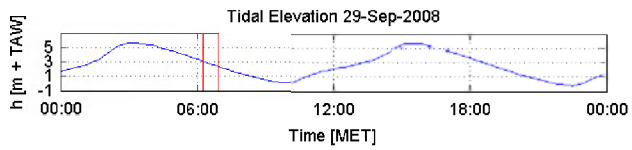
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.81	17.2	10.7	18
1.98	17.2	10.8	19
1.16	17.3	11.0	21
0.41	17.3	11.2	22
-0.40	17.3	11.3	24
-1.10	17.3	11.3	26
-1.98	17.3	11.4	38
-2.77	17.3	11.6	43
-3.57	17.3	11.7	47
-4.39	17.3	12.1	54
-5.20	17.3	12.2	53
-6.01	17.3	12.3	62
-6.82	17.3	12.3	80
-7.60	17.2	12.4	95
-8.39	17.3	12.5	92
-9.18	17.3	12.6	87
-9.94	17.2	12.5	87
-10.71	17.3	12.5	80
-11.49	17.2	12.5	81
-12.27	17.2	12.6	80
-13.01	17.2	12.6	77
-13.78	17.2	12.5	80
-14.12	17.2	12.3	81
Depth Avg	**17.2**	**11.9**	**58**



Siltprofiler

Date & Time [MET]:	29/9/2008 06:54
Time after/before HT [MET]:	3:44
Coordinates [UTM-ED50] Easting:	588596
Coordinates [UTM-ED50] Northing:	5684409
Water-Bottom Interface Siltpr. [m TAW]:	-14.51
Waterdepth 210 kHz Echo [m TAW]:	-13.68
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.39

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.08	17.2	11.2	21
1.10	17.3	11.2	23
0.19	17.3	11.3	26
-0.81	17.3	11.4	29
-1.87	17.3	11.7	41
-2.66	17.3	11.8	52
-3.50	17.3	11.9	54
-4.43	17.3	12.1	52
-5.01	17.3	12.1	52
-5.06	17.3	12.1	52
-5.34	17.3	12.1	53
-5.80	17.3	12.1	51
-6.51	17.3	12.2	54
-7.28	17.3	12.1	60
-8.14	17.3	12.1	79
-9.00	17.3	12.2	83
-9.96	17.3	12.3	100
-10.79	17.3	12.4	98
-11.61	17.3	12.4	101
-12.51	17.3	12.4	103
-13.44	17.3	12.4	104
-14.30	17.3	12.4	100
-14.51	17.3	12.4	339
Depth Avg	**17.3**	**12.0**	**64**



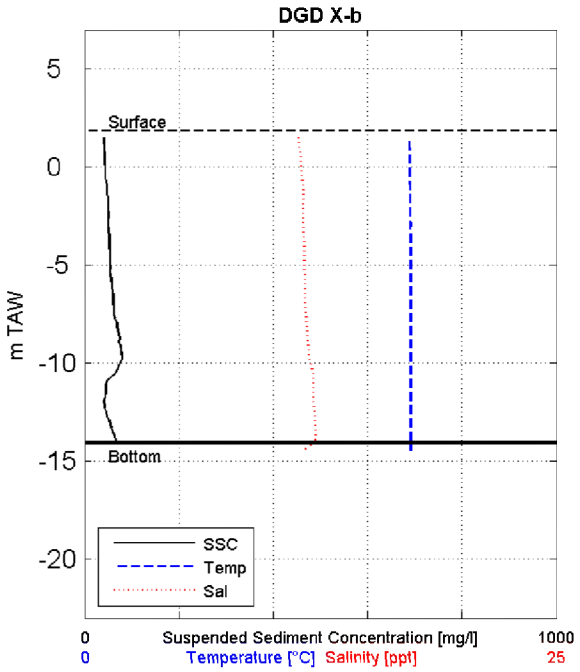
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

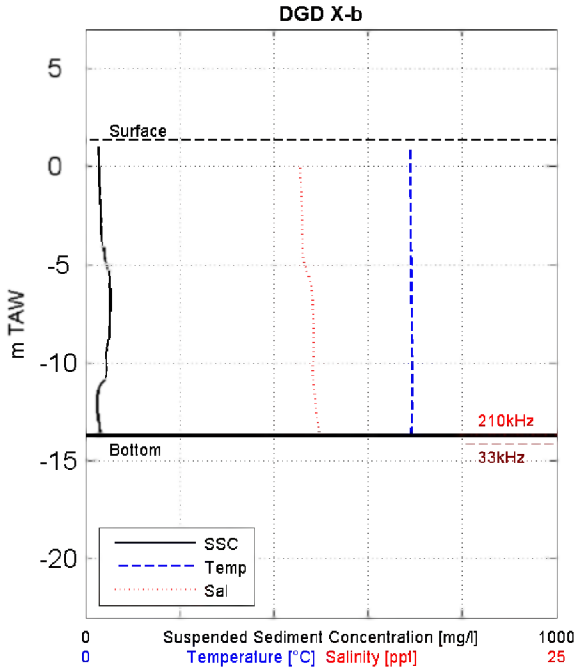
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8068 Xb_ctd.sil 8083 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:25
Time after/before HT [MET]:	4:15
Coordinates [UTM-ED50] Easting:	588607
Coordinates [UTM-ED50] Northing:	5684434
Water-Bottom Interface Siltpr. [m TAW]:	-14.07
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.82

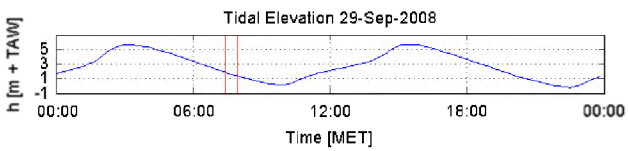
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.54	17.2	11.3	41
0.90	17.2	11.4	43
0.12	17.2	11.5	42
-0.64	17.2	11.5	44
-1.41	17.2	11.6	49
-2.20	17.3	11.5	48
-3.00	17.3	11.6	52
-3.77	17.3	11.6	54
-4.50	17.3	11.7	52
-5.29	17.3	11.7	54
-6.08	17.3	11.7	59
-6.86	17.3	11.7	62
-7.60	17.3	11.7	62
-8.27	17.3	11.8	70
-9.00	17.3	11.8	75
-9.74	17.3	11.9	78
-10.46	17.3	12.1	67
-11.17	17.3	12.1	44
-11.88	17.3	12.1	39
-12.59	17.3	12.2	46
-13.26	17.3	12.2	56
-14.04	17.3	12.1	67
-14.07	17.3	12.1	67
Depth Avg	**17.3**	**11.8**	**55**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:56
Time after/before HT [MET]:	4:46
Coordinates [UTM-ED50] Easting:	588610
Coordinates [UTM-ED50] Northing:	5684416
Water-Bottom Interface Siltpr. [m TAW]:	-13.72
Waterdepth 210 kHz Echo [m TAW]:	-13.66
Waterdepth 33 kHz Echo [m TAW]:	-14.14
Surface Elevation [m TAW]:	1.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.07	17.3	NaN	26
0.39	17.3	NaN	27
-0.26	17.2	11.4	29
-0.92	17.2	11.4	28
-1.60	17.3	11.4	30
-2.32	17.3	11.5	32
-3.06	17.3	11.5	32
-3.72	17.3	11.5	34
-4.45	17.3	11.5	39
-5.15	17.3	11.7	46
-5.90	17.3	11.9	51
-6.62	17.3	12.0	54
-7.24	17.3	12.1	53
-7.94	17.3	12.1	49
-8.58	17.3	12.1	51
-9.25	17.3	12.1	45
-9.89	17.3	12.1	44
-10.53	17.3	12.0	44
-11.21	17.3	12.1	28
-11.85	17.3	12.2	24
-12.51	17.3	12.2	22
-13.23	17.3	12.3	29
-13.72	17.3	12.4	32
Depth Avg	**17.3**	**11.8**	**37**



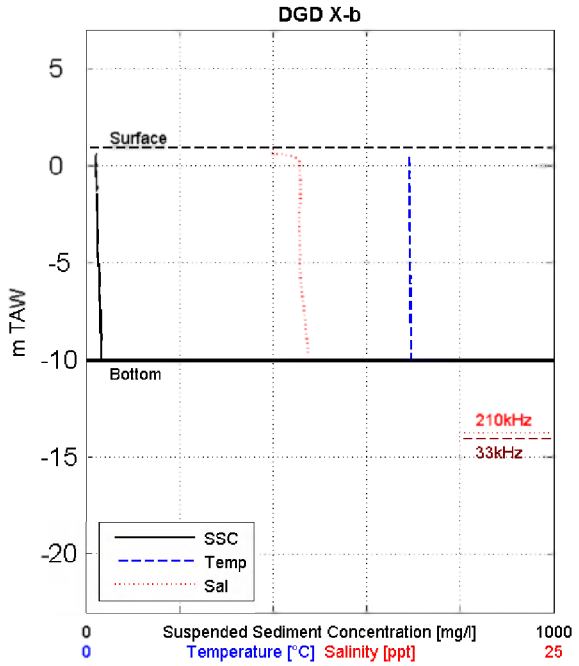
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

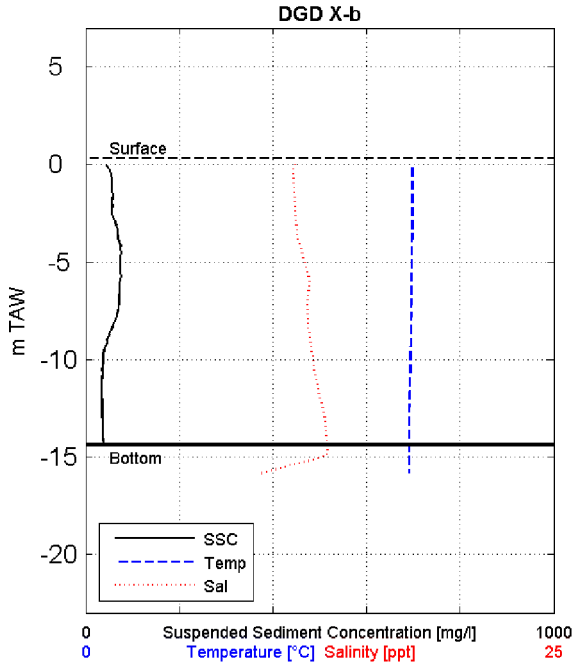
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8098 Xb_ctd.sil 8118 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:26
Time after/before HT [MET]:	5:16
Coordinates [UTM-ED50] Easting:	588616
Coordinates [UTM-ED50] Northing:	5684434
Water-Bottom Interface Siltpr. [m TAW]:	-10.03
Waterdepth 210 kHz Echo [m TAW]:	-13.75
Waterdepth 33 kHz Echo [m TAW]:	-14.04
Surface Elevation [m TAW]:	0.93

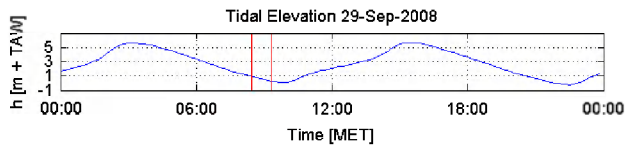
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.63	17.3	10.0	21
0.17	17.3	11.4	22
-0.33	17.2	11.4	21
-0.79	17.3	11.4	21
-1.24	17.3	11.4	20
-1.76	17.3	11.4	22
-2.24	17.3	11.4	22
-2.73	17.3	11.4	21
-3.21	17.3	11.4	24
-3.74	17.3	11.4	24
-4.28	17.3	11.4	23
-4.78	17.3	11.4	26
-5.25	17.3	11.4	26
-5.74	17.3	11.4	30
-6.20	17.3	11.5	28
-6.69	17.3	11.5	28
-7.16	17.3	11.6	28
-7.68	17.3	11.7	31
-8.15	17.4	11.7	30
-8.66	17.3	11.8	32
-9.20	17.3	11.8	33
-9.74	17.3	11.9	31
-10.03	17.3	11.8	31
Depth Avg	**17.3**	**11.5**	**26**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:18
Time after/before HT [MET]:	6:08
Coordinates [UTM-ED50] Easting:	588589
Coordinates [UTM-ED50] Northing:	5684419
Water-Bottom Interface Siltpr. [m TAW]:	-14.36
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.33

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.04	17.4	11.2	43
-0.68	17.4	11.1	55
-1.34	17.4	11.1	58
-2.08	17.4	11.2	57
-2.81	17.4	11.2	62
-3.53	17.4	11.3	67
-4.14	17.4	11.4	75
-4.86	17.4	11.6	74
-5.50	17.4	11.8	73
-6.20	17.4	11.9	70
-6.89	17.4	11.8	72
-7.58	17.4	11.8	69
-8.25	17.4	11.9	57
-8.96	17.4	12.0	44
-9.58	17.3	12.1	37
-10.21	17.3	12.2	36
-10.88	17.3	12.3	34
-11.49	17.3	12.4	34
-12.11	17.3	12.5	36
-12.69	17.3	12.7	36
-13.33	17.2	12.8	37
-13.95	17.2	12.8	35
-14.36	17.2	12.9	36
Depth Avg	**17.4**	**11.8**	**53**



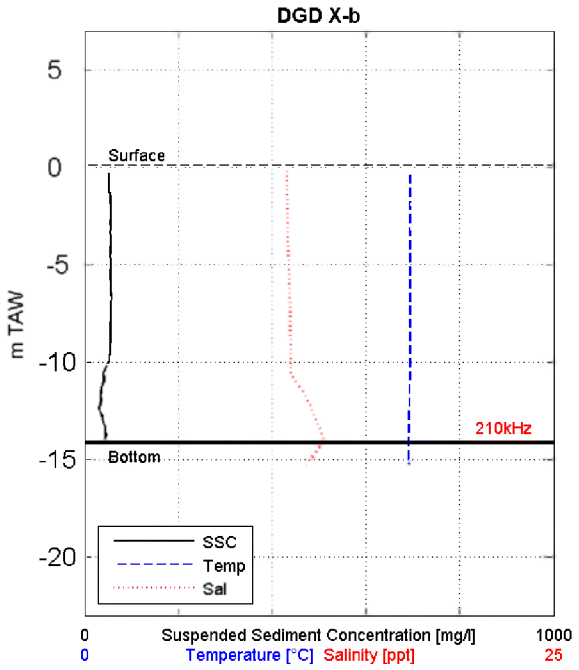
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

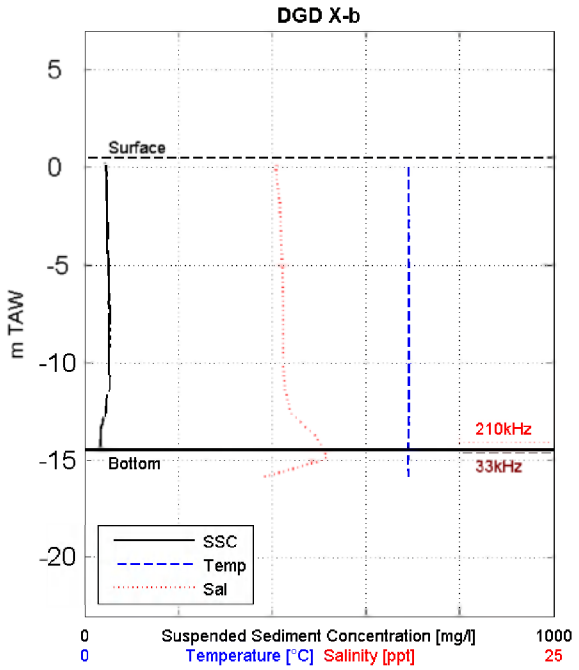
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8133 Xb_ctd.sil 8148 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:55
Time after/before HT [MET]:	0:05
Coordinates [UTM-ED50] Easting:	588598
Coordinates [UTM-ED50] Northing:	5684421
Water-Bottom Interface Siltpr. [m TAW]:	-14.14
Waterdepth 210 kHz Echo [m TAW]:	-14.05
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.12

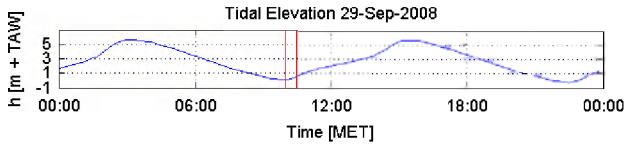
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.16	17.3	10.8	54
-0.81	17.3	10.8	54
-1.48	17.3	10.8	54
-2.10	17.3	10.8	56
-2.76	17.3	10.8	54
-3.42	17.3	10.8	55
-4.08	17.4	10.8	55
-4.77	17.3	10.9	56
-5.46	17.3	10.9	55
-6.23	17.3	10.9	56
-6.88	17.3	10.9	55
-7.50	17.3	10.9	54
-8.19	17.3	11.0	56
-8.83	17.3	10.9	55
-9.47	17.3	10.9	52
-10.08	17.3	10.9	48
-10.72	17.3	11.0	41
-11.36	17.3	11.5	35
-12.03	17.3	11.9	35
-12.68	17.3	12.2	39
-13.30	17.3	12.5	44
-13.89	17.2	12.7	43
-14.14	17.3	12.7	73
Depth Avg	**17.3**	**11.1**	**50**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:25
Time after/before HT [MET]:	0:35
Coordinates [UTM-ED50] Easting:	588594
Coordinates [UTM-ED50] Northing:	5684422
Water-Bottom Interface Siltpr. [m TAW]:	-14.46
Waterdepth 210 kHz Echo [m TAW]:	-14.07
Waterdepth 33 kHz Echo [m TAW]:	-14.61
Surface Elevation [m TAW]:	0.51

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.22	17.3	NaN	43
-0.47	17.3	10.2	44
-1.16	17.3	10.3	47
-1.85	17.3	10.4	47
-2.58	17.3	10.4	47
-3.34	17.3	10.4	49
-4.04	17.3	10.5	47
-4.74	17.3	10.5	51
-5.46	17.3	10.5	52
-6.14	17.3	10.5	51
-6.83	17.3	10.5	51
-7.48	17.3	10.6	52
-8.11	17.3	10.6	52
-8.80	17.3	10.6	52
-9.46	17.3	10.6	52
-10.15	17.3	10.6	53
-10.86	17.3	10.6	53
-11.55	17.3	10.7	49
-12.24	17.3	10.9	44
-12.91	17.3	11.3	37
-13.59	17.3	12.1	35
-14.26	17.2	12.6	32
-14.46	17.2	12.7	34
Depth Avg	**17.3**	**10.7**	**47**



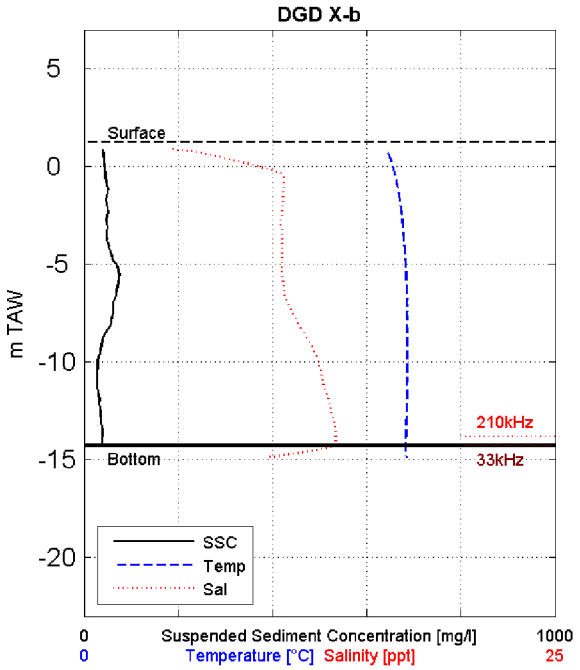
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

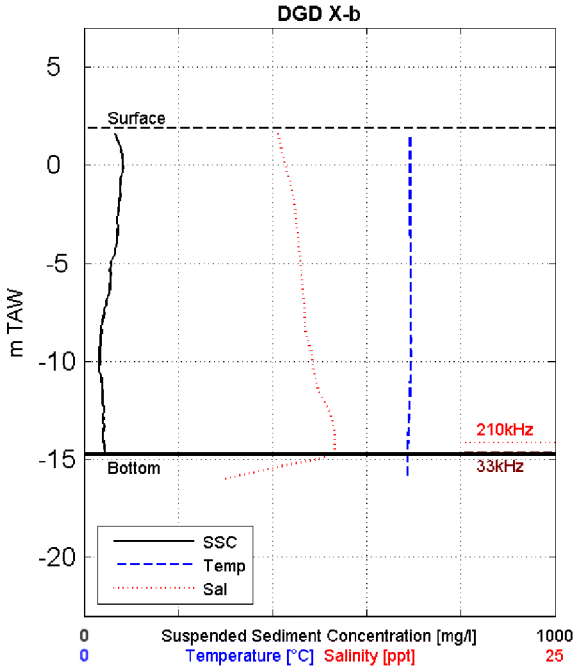
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8163 Xb_ctd.sil 8178 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:59
Time after/before HT [MET]:	1:09
Coordinates [UTM-ED50] Easting:	588599
Coordinates [UTM-ED50] Northing:	5684428
Water-Bottom Interface Siltpr. [m TAW]:	-14.27
Waterdepth 210 kHz Echo [m TAW]:	-13.78
Waterdepth 33 kHz Echo [m TAW]:	-14.28
Surface Elevation [m TAW]:	1.24

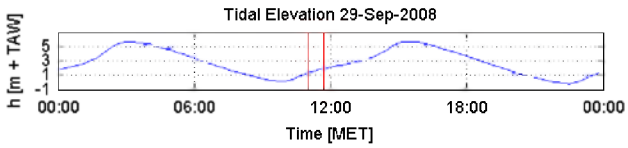
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.93	16.0	4.3	39
0.18	16.3	8.5	42
-0.58	16.6	10.6	45
-1.42	16.7	10.6	49
-2.14	16.8	10.5	50
-2.99	16.9	10.5	49
-3.75	17.0	10.5	48
-4.54	17.0	10.5	57
-5.25	17.1	10.4	70
-5.94	17.1	10.5	73
-6.59	17.1	10.7	66
-7.29	17.1	11.0	62
-7.96	17.1	11.3	59
-8.70	17.1	11.6	41
-9.39	17.1	12.2	34
-10.07	17.1	12.5	30
-10.76	17.1	12.6	27
-11.43	17.1	12.6	29
-12.18	17.1	13.0	33
-12.88	17.1	13.2	35
-13.51	17.1	13.3	39
-14.15	17.1	13.4	38
-14.27	17.1	13.4	36
Depth Avg	**16.9**	**11.1**	**46**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:43
Time after/before HT [MET]:	1:53
Coordinates [UTM-ED50] Easting:	588590
Coordinates [UTM-ED50] Northing:	5684430
Water-Bottom Interface Siltpr. [m TAW]:	-14.76
Waterdepth 210 kHz Echo [m TAW]:	-14.17
Waterdepth 33 kHz Echo [m TAW]:	-14.65
Surface Elevation [m TAW]:	1.89

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.61	17.3	10.3	66
0.83	17.3	10.4	78
-0.01	17.3	10.7	82
-0.73	17.3	10.9	75
-1.54	17.3	11.1	76
-2.30	17.3	11.2	70
-3.06	17.3	11.3	72
-3.89	17.3	11.4	70
-4.63	17.3	11.4	63
-5.39	17.3	11.5	54
-6.20	17.3	11.6	55
-6.90	17.3	11.7	47
-7.70	17.3	11.7	41
-8.46	17.3	11.7	35
-9.18	17.3	11.9	36
-9.89	17.3	12.1	34
-10.65	17.3	12.2	36
-11.36	17.3	12.4	41
-12.06	17.3	12.7	38
-12.82	17.2	13.1	42
-13.53	17.2	13.3	40
-14.34	17.2	13.3	45
-14.76	17.2	13.3	45
Depth Avg	**17.3**	**11.7**	**54**



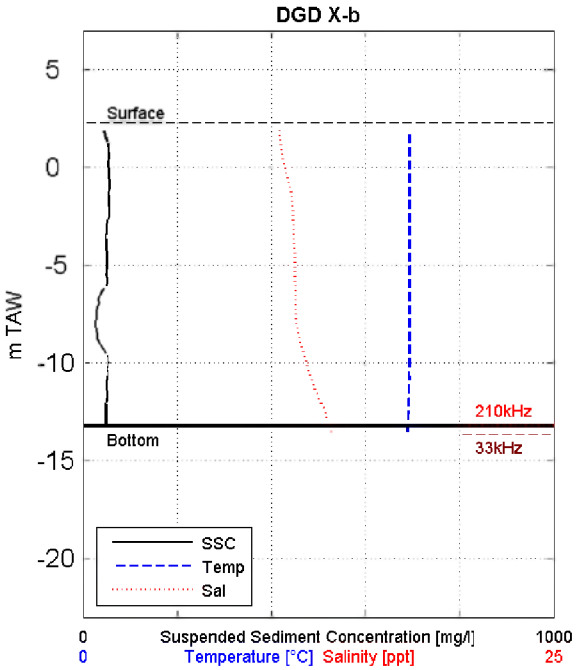
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

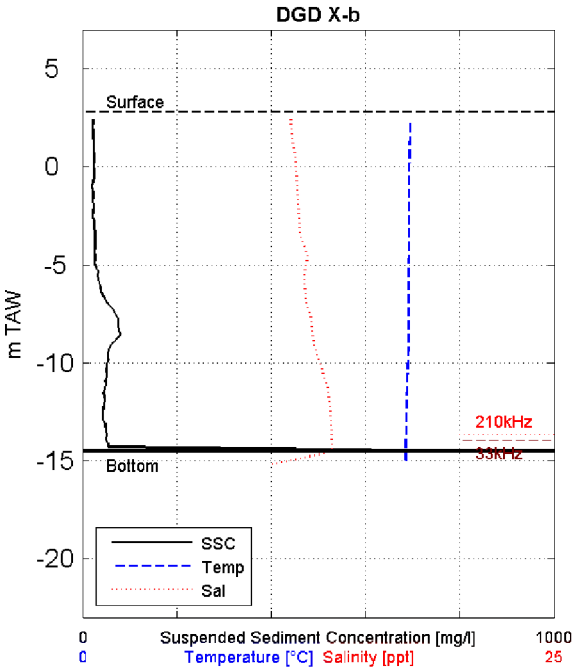
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8193 Xb_ctd.sil 8213 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:18
Time after/before HT [MET]:	2:28
Coordinates [UTM-ED50] Easting:	588612
Coordinates [UTM-ED50] Northing:	5684438
Water-Bottom Interface Siltpr. [m TAW]:	-13.23
Waterdepth 210 kHz Echo [m TAW]:	-13.15
Waterdepth 33 kHz Echo [m TAW]:	-13.64
Surface Elevation [m TAW]:	2.28

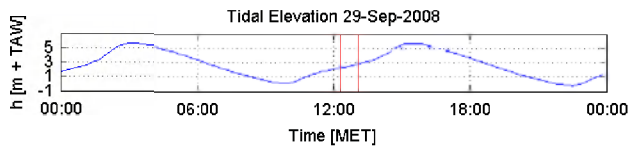
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.98	17.3	10.4	43
1.34	17.3	10.5	49
0.71	17.3	10.6	54
0.02	17.3	10.7	54
-0.75	17.4	10.9	56
-1.53	17.4	11.1	55
-2.24	17.3	11.1	55
-3.03	17.3	11.1	49
-3.87	17.3	11.2	49
-4.67	17.3	11.2	51
-5.46	17.3	11.2	49
-6.15	17.3	11.2	45
-6.81	17.3	11.3	34
-7.41	17.3	11.3	28
-8.04	17.3	11.3	25
-8.73	17.3	11.5	30
-9.39	17.3	11.7	45
-10.09	17.3	11.9	55
-10.82	17.3	12.1	51
-11.56	17.3	12.4	51
-12.27	17.3	12.8	49
-13.10	17.2	13.0	48
-13.23	17.3	13.1	52
Depth Avg	**17.3**	**11.4**	**47**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:04
Time after/before HT [MET]:	3:14
Coordinates [UTM-ED50] Easting:	588605
Coordinates [UTM-ED50] Northing:	5684423
Water-Bottom Interface Siltpr. [m TAW]:	-14.54
Waterdepth 210 kHz Echo [m TAW]:	-13.67
Waterdepth 33 kHz Echo [m TAW]:	-13.93
Surface Elevation [m TAW]:	2.81

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.49	17.4	11.0	23
1.68	17.3	11.1	22
0.87	17.3	11.2	24
-0.07	17.3	11.3	24
-0.98	17.3	11.4	22
-1.83	17.3	11.4	23
-2.60	17.3	11.5	23
-3.35	17.3	11.5	27
-4.12	17.3	11.8	26
-4.86	17.3	11.9	25
-5.72	17.3	11.8	35
-6.52	17.3	11.8	44
-7.32	17.3	12.0	67
-8.18	17.3	12.2	76
-9.01	17.3	12.3	62
-9.79	17.3	12.5	52
-10.53	17.2	12.8	50
-11.27	17.2	13.0	49
-11.99	17.2	13.1	47
-12.74	17.2	13.2	42
-13.46	17.1	13.2	49
-14.20	17.1	13.2	55
-14.54	17.1	13.2	112
Depth Avg	**17.3**	**12.0**	**42**



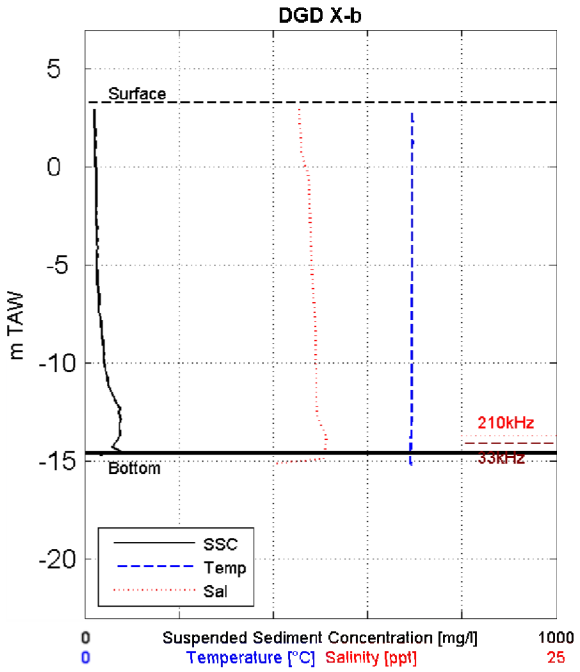
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

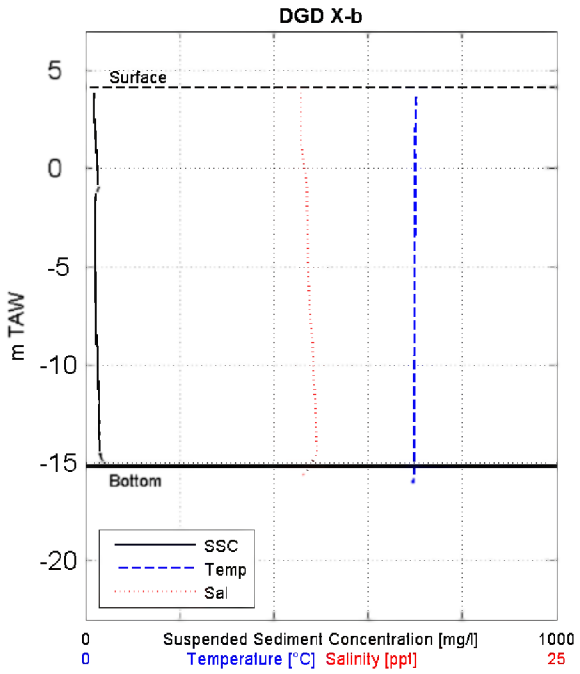
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8228 Xb_ctd.sil 8243 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:39
Time after/before HT [MET]:	3:49
Coordinates [UTM-ED50] Easting:	588606
Coordinates [UTM-ED50] Northing:	5684420
Water-Bottom Interface Siltpr. [m TAW]:	-14.61
Waterdepth 210 kHz Echo [m TAW]:	-13.70
Waterdepth 33 kHz Echo [m TAW]:	-14.10
Surface Elevation [m TAW]:	3.28

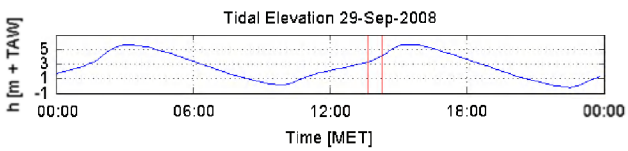
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.99	17.4	11.4	21
2.30	17.4	11.4	21
1.48	17.4	11.4	21
0.65	17.4	11.5	21
-0.18	17.3	11.8	25
-1.02	17.3	11.9	23
-1.78	17.3	11.9	24
-2.64	17.4	11.9	24
-3.48	17.3	12.0	26
-4.29	17.3	12.0	26
-5.18	17.3	12.0	26
-6.09	17.3	12.1	27
-6.95	17.3	12.1	31
-7.73	17.3	12.2	33
-8.61	17.3	12.3	37
-9.48	17.4	12.3	38
-10.29	17.3	12.3	44
-11.12	17.4	12.3	48
-11.81	17.3	12.3	63
-12.54	17.3	12.3	75
-13.29	17.3	12.6	74
-14.12	17.3	12.8	62
-14.61	17.3	12.7	19
Depth Avg	**17.3**	**12.0**	**36**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:17
Time after/before HT [MET]:	4:27
Coordinates [UTM-ED50] Easting:	588589
Coordinates [UTM-ED50] Northing:	5684429
Water-Bottom Interface Siltpr. [m TAW]:	-15.20
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	4.15

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.87	17.5	11.5	19
2.92	17.5	11.4	18
1.96	17.5	11.4	20
0.98	17.4	11.5	23
0.07	17.5	11.6	24
-0.84	17.5	11.7	26
-1.70	17.5	11.8	19
-2.56	17.5	11.8	19
-3.37	17.4	11.8	18
-4.31	17.4	11.8	19
-5.34	17.4	11.8	19
-6.28	17.4	11.8	21
-7.19	17.4	11.9	21
-8.10	17.4	12.0	21
-8.98	17.4	12.0	22
-9.81	17.4	12.1	23
-10.65	17.4	12.1	27
-11.48	17.5	12.2	26
-12.35	17.4	12.2	26
-13.26	17.5	12.2	26
-14.14	17.5	12.3	28
-15.05	17.4	11.9	39
-15.20	17.4	11.8	68
Depth Avg	**17.5**	**11.8**	**23**



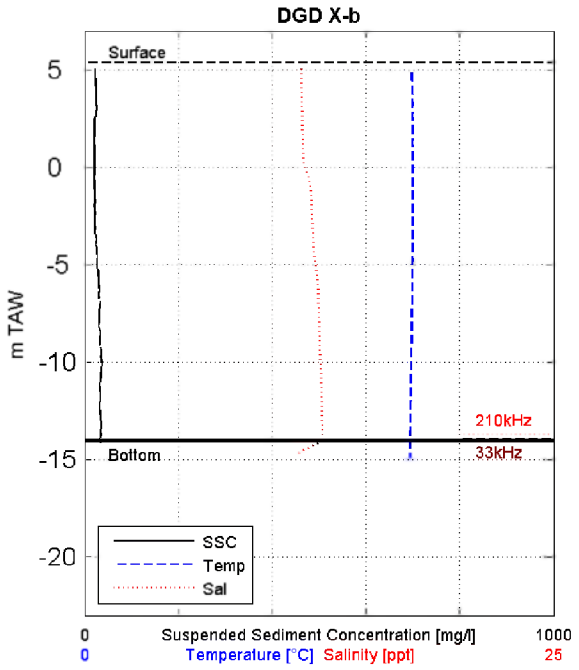
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

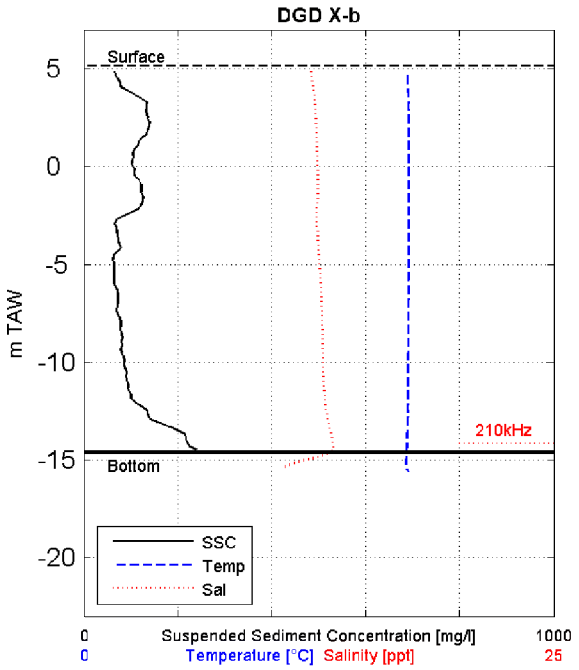
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8258 Xb_ctd.sil 8288 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 14:58
Time after/before HT [MET]:	5:08
Coordinates [UTM-ED50] Easting:	588606
Coordinates [UTM-ED50] Northing:	5684430
Water-Bottom Interface Siltpr. [m TAW]:	-14.04
Waterdepth 210 kHz Echo [m TAW]:	-13.68
Waterdepth 33 kHz Echo [m TAW]:	-13.91
Surface Elevation [m TAW]:	5.40

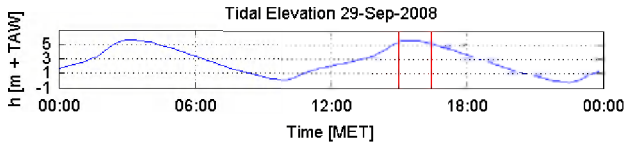
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.08	17.4	11.5	23
4.10	17.5	11.6	24
3.12	17.4	11.6	27
2.15	17.5	11.6	20
1.19	17.5	11.6	21
0.38	17.5	11.6	21
-0.50	17.5	11.9	21
-1.24	17.5	12.0	21
-2.17	17.4	12.1	23
-3.08	17.5	12.1	22
-4.02	17.5	12.2	26
-4.92	17.5	12.3	24
-5.86	17.4	12.4	29
-6.77	17.4	12.4	32
-7.62	17.4	12.5	32
-8.48	17.4	12.5	32
-9.30	17.4	12.5	33
-10.26	17.4	12.6	34
-11.14	17.4	12.6	32
-12.08	17.4	12.6	31
-12.93	17.4	12.6	35
-13.89	17.3	12.7	33
-14.04	17.3	12.6	33
Depth Avg	**17.4**	**12.2**	**27**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:25
Time after/before HT [MET]:	6:35
Coordinates [UTM-ED50] Easting:	588588
Coordinates [UTM-ED50] Northing:	5684398
Water-Bottom Interface Siltpr. [m TAW]:	-14.60
Waterdepth 210 kHz Echo [m TAW]:	-14.15
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	5.14

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.86	17.2	12.1	65
3.86	17.2	12.2	102
2.99	17.3	12.3	128
2.11	17.3	12.4	140
1.16	17.3	12.4	115
0.14	17.3	12.4	98
-0.79	17.3	12.4	120
-1.65	17.3	12.4	127
-2.61	17.3	12.4	73
-3.71	17.3	12.4	73
-4.59	17.3	12.5	62
-5.48	17.3	12.6	65
-6.37	17.3	12.6	72
-7.32	17.3	12.7	67
-8.26	17.3	12.7	78
-9.19	17.3	12.7	83
-10.12	17.3	12.7	85
-10.94	17.2	12.8	93
-11.85	17.2	12.8	98
-12.75	17.2	12.9	134
-13.62	17.2	13.1	212
-14.42	17.1	13.3	242
-14.60	17.2	13.3	244
Depth Avg	**17.3**	**12.6**	**104**



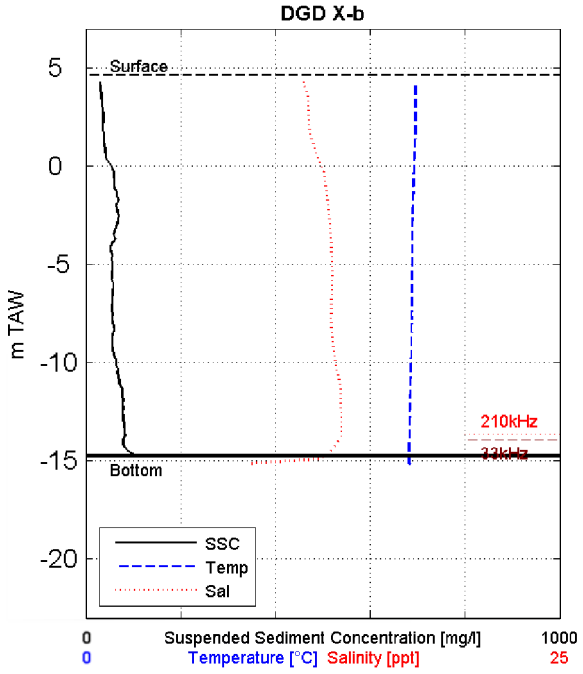
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

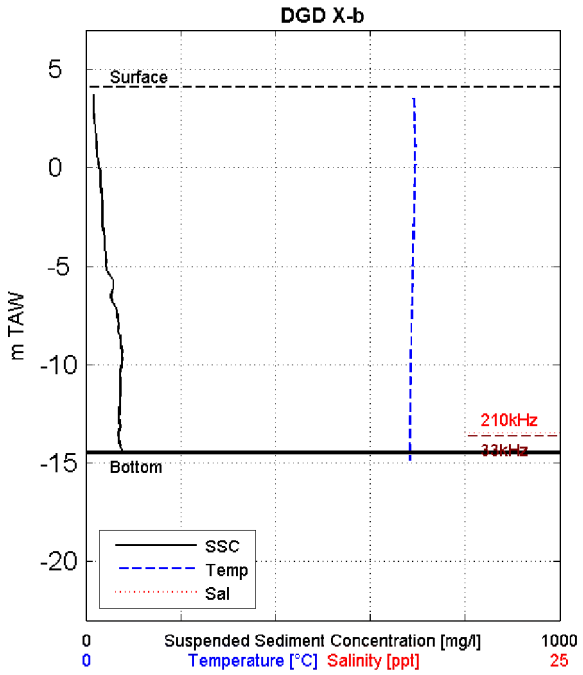
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8303 Xb_ctd.sil 8318 Xb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:58
Time after/before HT [MET]:	7:08
Coordinates [UTM-ED50] Easting:	588604
Coordinates [UTM-ED50] Northing:	5684428
Water-Bottom Interface Siltpr. [m TAW]:	-14.77
Waterdepth 210 kHz Echo [m TAW]:	-13.67
Waterdepth 33 kHz Echo [m TAW]:	-13.93
Surface Elevation [m TAW]:	4.62

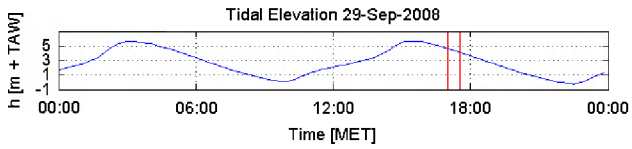
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.33	17.4	11.4	29
3.52	17.4	11.7	32
2.66	17.4	11.8	36
1.85	17.4	11.8	37
0.98	17.3	12.0	38
0.13	17.3	12.4	50
-0.76	17.3	12.6	57
-1.72	17.2	12.7	69
-2.63	17.2	12.8	67
-3.61	17.2	12.9	62
-4.50	17.2	12.9	57
-5.50	17.2	13.0	55
-6.34	17.2	13.0	55
-7.23	17.2	12.9	53
-8.11	17.1	12.9	59
-8.99	17.1	13.0	55
-9.85	17.1	13.1	64
-10.76	17.1	13.3	69
-11.65	17.1	13.4	77
-12.54	17.1	13.4	78
-13.44	17.1	13.5	81
-14.37	17.0	13.0	82
-14.77	17.1	12.7	112
Depth Avg	**17.2**	**12.7**	**58**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:31
Time after/before HT [MET]:	7:41
Coordinates [UTM-ED50] Easting:	588610
Coordinates [UTM-ED50] Northing:	5684430
Water-Bottom Interface Siltpr. [m TAW]:	-14.48
Waterdepth 210 kHz Echo [m TAW]:	-13.49
Waterdepth 33 kHz Echo [m TAW]:	-13.64
Surface Elevation [m TAW]:	4.10

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.78	17.3	NaN	15
2.96	17.3	NaN	16
2.17	17.3	NaN	19
1.36	17.3	NaN	23
0.51	17.4	NaN	25
-0.33	17.4	NaN	34
-1.09	17.3	NaN	32
-2.00	17.3	NaN	35
-2.89	17.3	NaN	35
-3.75	17.3	NaN	39
-4.63	17.3	NaN	42
-5.52	17.2	NaN	52
-6.43	17.2	NaN	54
-7.29	17.2	NaN	66
-8.10	17.1	NaN	68
-8.95	17.1	NaN	75
-9.84	17.1	NaN	75
-10.70	17.1	NaN	72
-11.54	17.1	NaN	72
-12.39	17.1	NaN	70
-13.23	17.1	NaN	71
-14.07	17.1	NaN	74
-14.48	17.1	NaN	80
Depth Avg	**17.2**	**NaN**	**48**



Data Processed by: IMDC

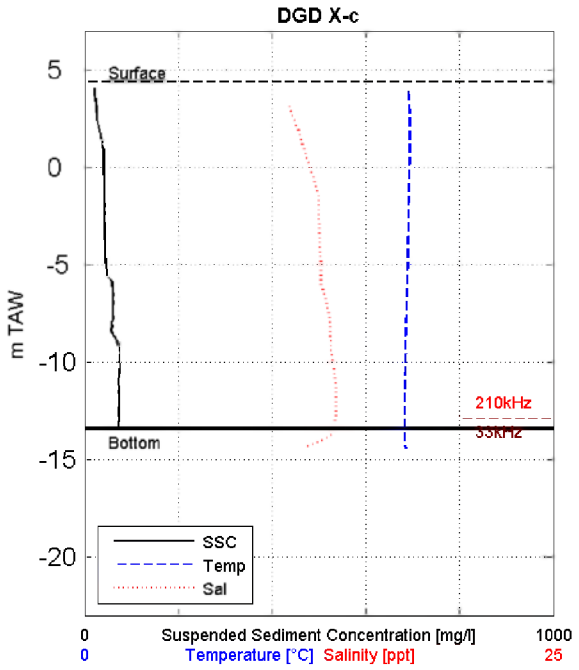
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.3 Location Xc

Through tide measurements Siltprofiler DGD Summer 2008

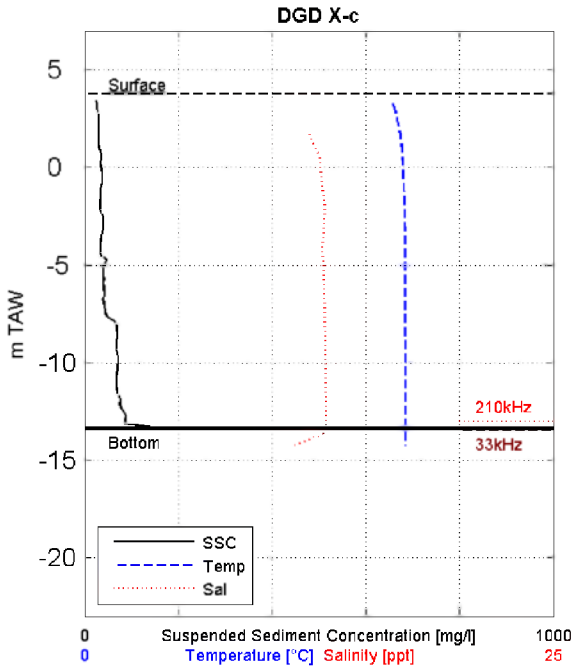
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8006 Xc_ctd.sil 8021 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:01
Time after/before HT [MET]:	1:51
Coordinates [UTM-ED50] Easting:	588654
Coordinates [UTM-ED50] Northing:	5684495
Water-Bottom Interface Siltpr. [m TAW]:	-13.42
Waterdepth 210 kHz Echo [m TAW]:	-12.78
Waterdepth 33 kHz Echo [m TAW]:	-12.86
Surface Elevation [m TAW]:	4.36

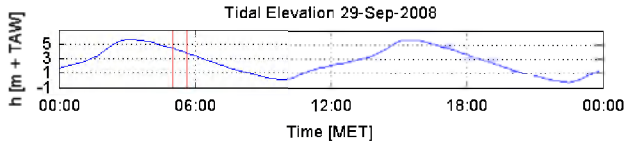
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.08	17.3	NaN	20
3.09	17.3	NaN	24
2.11	17.3	11.3	30
1.25	17.3	11.6	36
0.35	17.3	11.9	42
-0.59	17.3	12.2	41
-1.55	17.3	12.5	41
-1.65	17.3	12.5	42
-1.75	17.3	12.5	42
-2.14	17.3	12.5	40
-2.77	17.3	12.5	41
-3.68	17.2	12.5	44
-4.64	17.2	12.6	45
-5.53	17.2	12.6	47
-6.46	17.2	12.8	60
-7.45	17.1	13.0	59
-8.43	17.1	13.1	55
-9.41	17.1	13.1	76
-10.47	17.1	13.3	75
-11.45	17.1	13.4	72
-12.46	17.1	13.4	74
-13.37	17.1	13.2	72
-13.42	17.1	13.2	73
Depth Avg	**17.2**	**12.5**	**50**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:38
Time after/before HT [MET]:	2:28
Coordinates [UTM-ED50] Easting:	588658
Coordinates [UTM-ED50] Northing:	5684497
Water-Bottom Interface Siltpr. [m TAW]:	-13.39
Waterdepth 210 kHz Echo [m TAW]:	-12.99
Waterdepth 33 kHz Echo [m TAW]:	-13.49
Surface Elevation [m TAW]:	3.74

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.46	16.4	NaN	23
2.75	16.6	NaN	29
1.89	16.8	NaN	30
1.08	16.9	12.3	31
0.30	17.0	12.6	32
-0.50	17.0	12.6	39
-1.33	17.0	12.7	34
-2.17	17.1	12.8	34
-2.98	17.1	12.8	39
-3.74	17.1	12.7	33
-4.55	17.1	12.7	36
-5.34	17.1	12.8	38
-6.14	17.1	12.8	42
-6.90	17.1	12.8	40
-7.59	17.1	12.8	45
-8.38	17.1	12.8	70
-9.21	17.1	12.8	66
-9.98	17.1	12.8	70
-10.76	17.1	12.8	65
-11.58	17.1	12.8	72
-12.34	17.1	12.9	76
-13.13	17.1	12.9	86
-13.39	17.1	12.9	32
Depth Avg	**17.0**	**12.6**	**47**



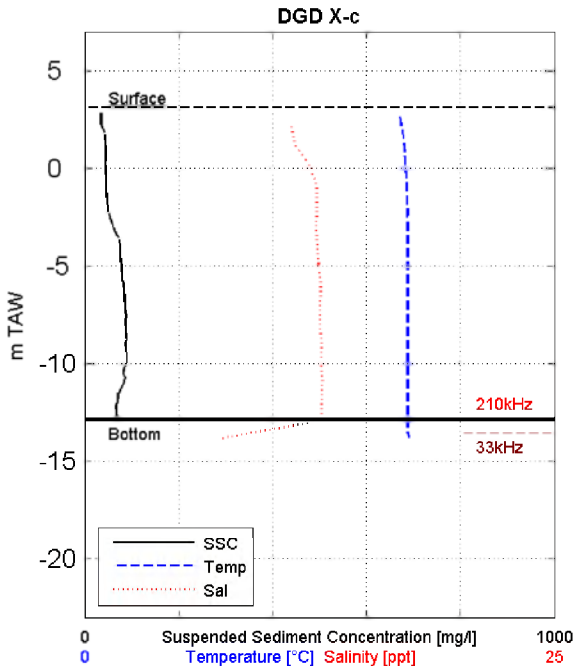
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

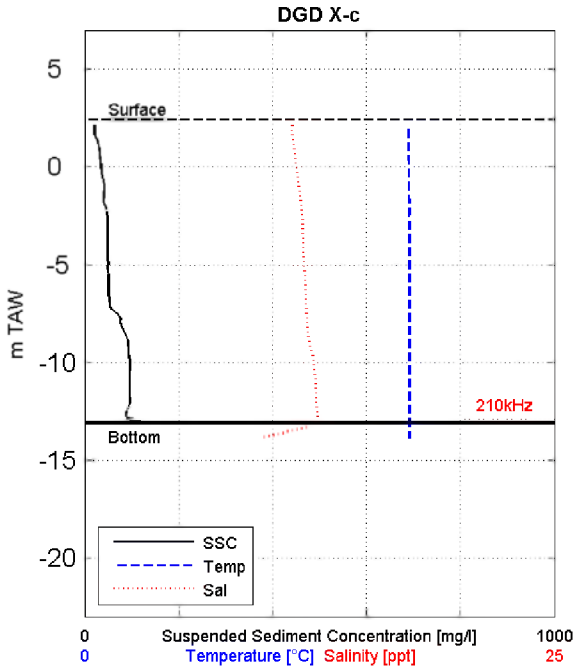
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8036 Xc_ctd.sil 8052 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:13
Time after/before HT [MET]:	3:03
Coordinates [UTM-ED50] Easting:	588654
Coordinates [UTM-ED50] Northing:	5684508
Water-Bottom Interface Siltpr. [m TAW]:	-12.89
Waterdepth 210 kHz Echo [m TAW]:	-12.76
Waterdepth 33 kHz Echo [m TAW]:	-13.56
Surface Elevation [m TAW]:	3.12

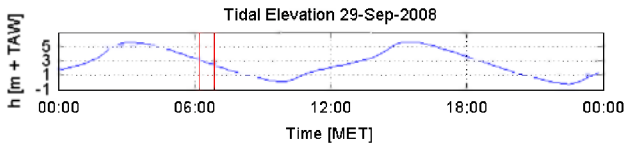
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.84	16.7	NaN	34
2.08	16.9	11.0	37
1.37	17.0	11.2	43
0.56	17.1	11.7	45
-0.26	17.1	12.1	46
-0.97	17.1	12.3	47
-1.68	17.2	12.4	48
-2.54	17.2	12.3	53
-3.28	17.2	12.3	65
-4.07	17.2	12.4	77
-4.87	17.2	12.4	77
-5.56	17.2	12.5	79
-6.30	17.2	12.5	84
-7.03	17.2	12.5	87
-7.75	17.2	12.5	88
-8.54	17.2	12.6	89
-9.27	17.1	12.6	88
-9.98	17.2	12.6	90
-10.79	17.2	12.6	86
-11.48	17.2	12.6	72
-12.20	17.2	12.6	66
-12.89	17.2	12.6	68
Depth Avg	**17.1**	**12.2**	**66**



Siltprofiler

Date & Time [MET]:	29/9/2008 06:53
Time after/before HT [MET]:	3:43
Coordinates [UTM-ED50] Easting:	588650
Coordinates [UTM-ED50] Northing:	5684486
Water-Bottom Interface Siltpr. [m TAW]:	-13.09
Waterdepth 210 kHz Echo [m TAW]:	-12.89
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.43

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.15	17.2	11.0	21
1.43	17.2	11.1	26
0.75	17.3	11.2	32
-0.02	17.3	11.3	36
-0.83	17.3	11.4	41
-1.58	17.3	11.5	40
-2.20	17.3	11.6	44
-2.87	17.3	11.6	50
-3.53	17.3	11.6	50
-4.24	17.3	11.6	48
-5.01	17.3	11.7	49
-5.76	17.3	11.7	50
-6.45	17.3	11.8	50
-7.21	17.3	11.8	55
-7.85	17.3	11.8	75
-8.52	17.3	11.9	86
-9.23	17.3	12.0	92
-9.97	17.3	12.2	97
-10.65	17.3	12.3	95
-11.37	17.3	12.3	96
-12.05	17.3	12.3	96
-12.72	17.3	12.4	86
-13.09	17.3	12.4	188
Depth Avg	**17.3**	**11.7**	**60**



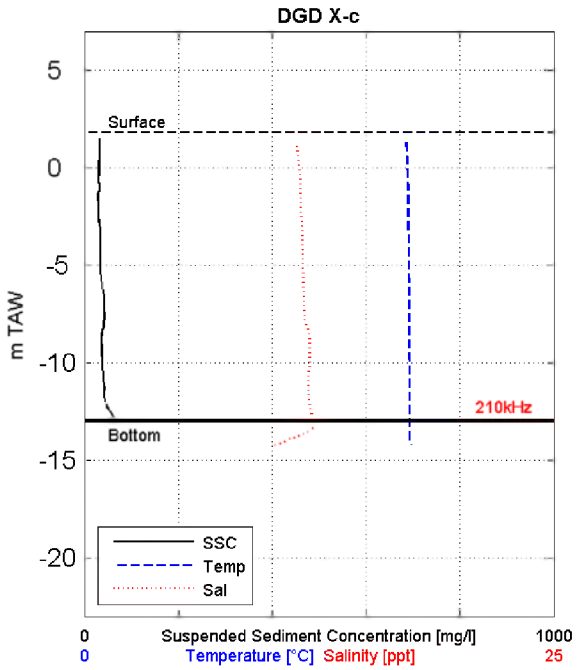
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

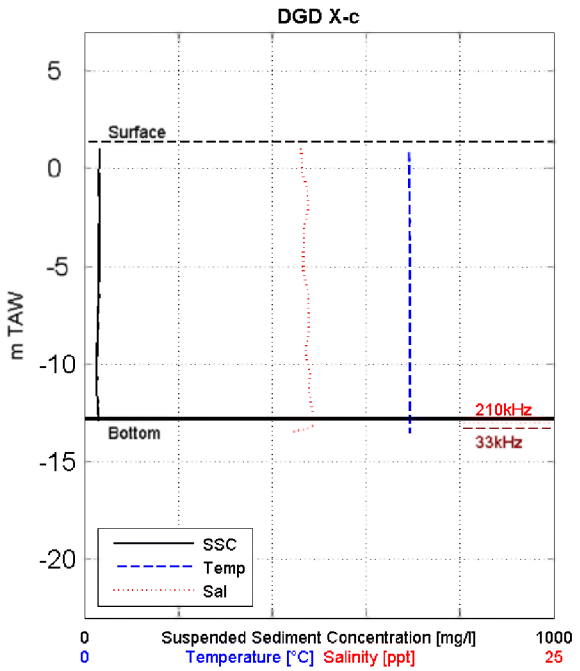
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8067 Xc_ctd.sil 8082 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:24
Time after/before HT [MET]:	4:14
Coordinates [UTM-ED50] Easting:	588636
Coordinates [UTM-ED50] Northing:	5684499
Water-Bottom Interface Siltpr. [m TAW]:	-12.99
Waterdepth 210 kHz Echo [m TAW]:	-12.96
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.84

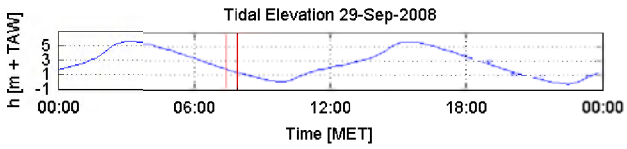
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.54	17.1	NaN	32
0.85	17.1	11.3	31
0.23	17.2	11.4	32
-0.43	17.2	11.5	29
-1.14	17.2	11.5	32
-1.90	17.3	11.5	28
-2.57	17.2	11.5	30
-3.35	17.3	11.6	31
-4.04	17.3	11.6	32
-4.71	17.3	11.6	32
-5.33	17.3	11.6	33
-5.99	17.3	11.6	39
-6.62	17.3	11.7	42
-7.29	17.3	11.7	41
-7.95	17.3	11.8	41
-8.69	17.3	12.0	36
-9.38	17.3	12.0	37
-10.12	17.3	12.0	35
-10.85	17.3	11.9	39
-11.51	17.3	11.9	40
-12.20	17.3	12.0	48
-12.89	17.3	12.1	66
-12.99	17.3	12.2	72
Depth Avg	**17.3**	**11.7**	**36**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:54
Time after/before HT [MET]:	4:44
Coordinates [UTM-ED50] Easting:	588645
Coordinates [UTM-ED50] Northing:	5684503
Water-Bottom Interface Siltpr. [m TAW]:	-12.81
Waterdepth 210 kHz Echo [m TAW]:	-13.03
Waterdepth 33 kHz Echo [m TAW]:	-13.30
Surface Elevation [m TAW]:	1.37

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.08	17.3	11.5	32
0.37	17.3	11.6	32
-0.30	17.3	11.6	29
-0.92	17.3	11.8	30
-1.60	17.3	11.9	34
-2.27	17.3	11.9	31
-2.93	17.3	11.7	31
-3.64	17.3	11.7	30
-4.35	17.3	11.6	31
-4.99	17.3	11.6	32
-5.68	17.3	11.7	31
-6.35	17.3	11.9	29
-7.03	17.4	11.9	29
-7.63	17.4	11.9	27
-8.24	17.3	11.9	28
-8.85	17.3	11.8	26
-9.46	17.3	11.8	27
-10.10	17.3	11.9	26
-10.75	17.3	12.0	24
-11.38	17.3	11.9	25
-12.05	17.4	12.1	28
-12.71	17.3	12.2	29
-12.81	17.3	12.2	45
Depth Avg	**17.3**	**11.8**	**29**



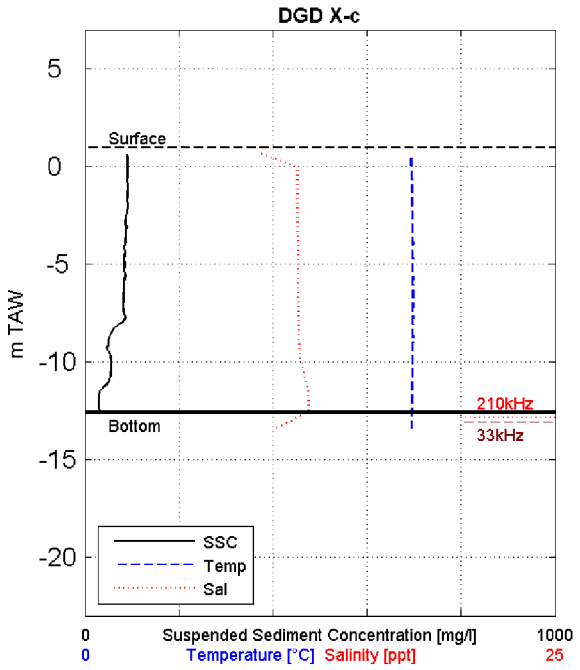
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

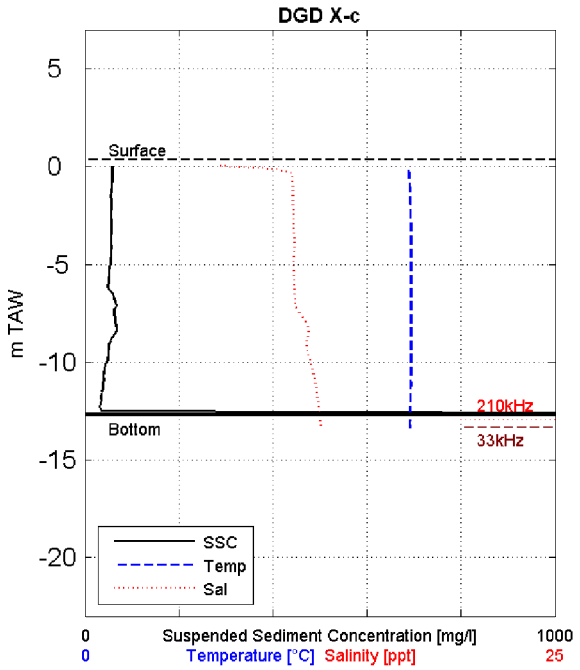
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8097 Xc_ctd.sil 8117 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:24
Time after/before HT [MET]:	5:14
Coordinates [UTM-ED50] Easting:	588649
Coordinates [UTM-ED50] Northing:	5684513
Water-Bottom Interface Siltpr. [m TAW]:	-12.57
Waterdepth 210 kHz Echo [m TAW]:	-12.81
Waterdepth 33 kHz Echo [m TAW]:	-13.06
Surface Elevation [m TAW]:	0.95

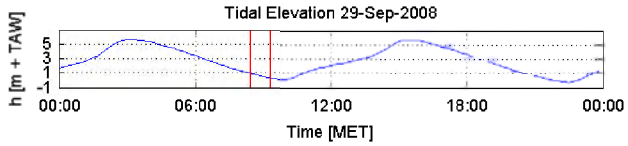
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.66	17.3	9.4	88
0.12	17.4	11.0	91
-0.43	17.4	11.3	91
-1.09	17.3	11.3	91
-1.68	17.4	11.3	91
-2.25	17.4	11.3	89
-2.88	17.4	11.3	88
-3.55	17.4	11.3	86
-4.16	17.4	11.3	82
-4.75	17.4	11.3	82
-5.42	17.4	11.3	85
-6.01	17.4	11.3	85
-6.64	17.4	11.3	82
-7.26	17.4	11.3	83
-7.87	17.4	11.4	83
-8.41	17.4	11.4	57
-9.03	17.4	11.4	48
-9.69	17.4	11.4	54
-10.31	17.4	11.6	55
-10.94	17.4	11.7	51
-11.61	17.4	11.9	30
-12.22	17.4	11.9	28
-12.57	17.4	11.9	34
Depth Avg	**17.4**	**11.3**	**74**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:16
Time after/before HT [MET]:	6:06
Coordinates [UTM-ED50] Easting:	588659
Coordinates [UTM-ED50] Northing:	5684500
Water-Bottom Interface Siltpr. [m TAW]:	-12.71
Waterdepth 210 kHz Echo [m TAW]:	-12.95
Waterdepth 33 kHz Echo [m TAW]:	-13.31
Surface Elevation [m TAW]:	0.34

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.06	17.2	6.8	58
-0.50	17.2	11.0	59
-1.11	17.3	11.0	56
-1.66	17.3	11.0	56
-2.22	17.3	11.0	56
-2.77	17.3	11.1	56
-3.33	17.3	11.1	56
-3.92	17.3	11.2	55
-4.48	17.3	11.1	55
-5.10	17.4	11.1	52
-5.74	17.3	11.1	51
-6.40	17.4	11.1	55
-7.01	17.3	11.2	68
-7.60	17.4	11.5	62
-8.15	17.3	11.9	68
-8.76	17.4	11.8	56
-9.40	17.3	11.8	49
-10.02	17.3	12.0	47
-10.58	17.3	12.2	40
-11.17	17.3	12.3	39
-11.71	17.3	12.4	34
-12.27	17.3	12.4	31
-12.71	17.3	12.5	28377
Depth Avg	**17.3**	**11.3**	**97**



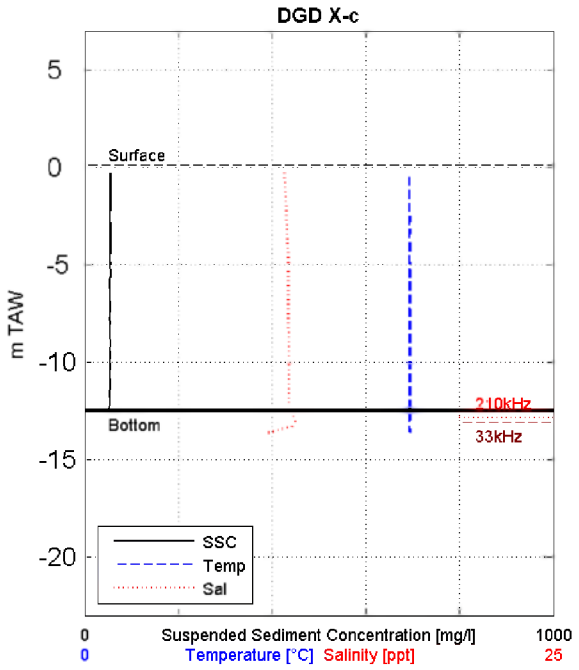
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

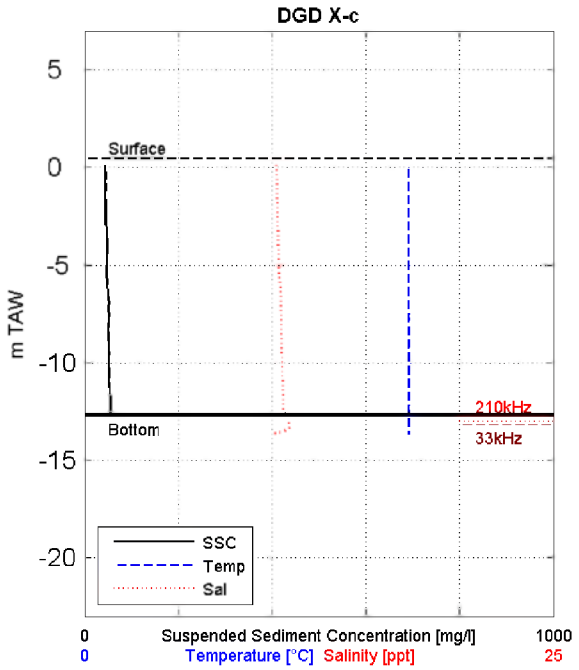
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8132 Xc_ctd.sil 8147 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:54
Time after/before HT [MET]:	0:04
Coordinates [UTM-ED50] Easting:	588647
Coordinates [UTM-ED50] Northing:	5684505
Water-Bottom Interface Siltpr. [m TAW]:	-12.51
Waterdepth 210 kHz Echo [m TAW]:	-12.82
Waterdepth 33 kHz Echo [m TAW]:	-13.07
Surface Elevation [m TAW]:	0.12

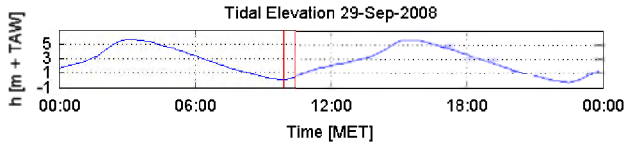
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.20	17.3	10.6	56
-0.79	17.3	10.7	54
-1.31	17.3	10.7	56
-1.87	17.3	10.7	54
-2.32	17.3	10.7	53
-2.91	17.3	10.7	54
-3.49	17.3	10.8	56
-4.06	17.3	10.8	53
-4.67	17.3	10.8	53
-5.26	17.3	10.9	54
-5.85	17.3	10.9	54
-6.42	17.3	10.9	54
-7.06	17.3	10.9	54
-7.68	17.3	10.8	53
-8.27	17.3	10.8	53
-8.88	17.3	10.8	56
-9.49	17.3	10.9	54
-10.01	17.3	10.9	54
-10.60	17.3	10.9	53
-11.23	17.3	10.9	56
-11.75	17.4	10.9	53
-12.30	17.3	10.9	52
-12.51	17.3	11.0	50
Depth Avg	**17.3**	**10.8**	**54**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:23
Time after/before HT [MET]:	0:33
Coordinates [UTM-ED50] Easting:	588649
Coordinates [UTM-ED50] Northing:	5684497
Water-Bottom Interface Siltpr. [m TAW]:	-12.72
Waterdepth 210 kHz Echo [m TAW]:	-12.98
Waterdepth 33 kHz Echo [m TAW]:	-13.16
Surface Elevation [m TAW]:	0.47

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.17	17.2	10.2	44
-0.44	17.3	10.2	44
-1.00	17.3	10.3	45
-1.52	17.3	10.3	43
-2.11	17.3	10.3	45
-2.73	17.3	10.3	44
-3.38	17.3	10.3	49
-3.98	17.3	10.3	48
-4.66	17.3	10.3	49
-5.28	17.3	10.3	45
-5.90	17.3	10.4	49
-6.51	17.3	10.4	48
-7.17	17.3	10.4	51
-7.76	17.3	10.5	51
-8.38	17.3	10.5	51
-9.06	17.3	10.5	50
-9.61	17.3	10.5	52
-10.20	17.3	10.5	52
-10.79	17.3	10.5	52
-11.40	17.3	10.5	54
-11.99	17.3	10.6	55
-12.55	17.3	10.7	53
-12.72	17.3	10.7	51
Depth Avg	**17.3**	**10.4**	**49**



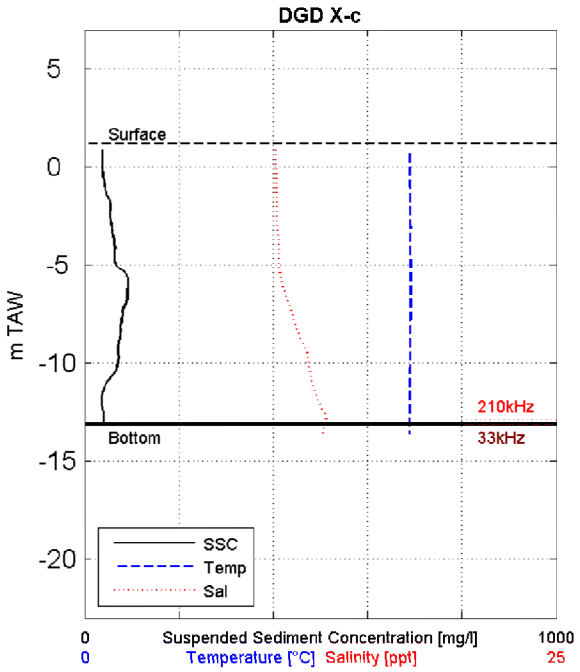
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

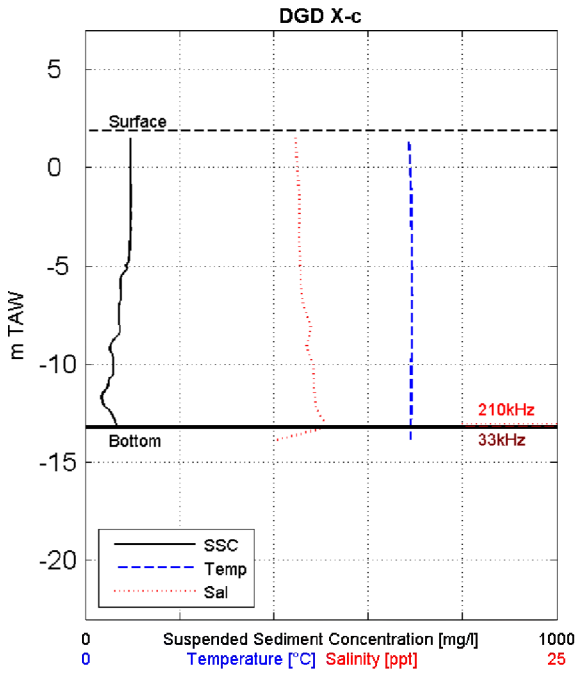
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8162 Xc_ctd.sil 8177 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:57
Time after/before HT [MET]:	1:07
Coordinates [UTM-ED50] Easting:	588658
Coordinates [UTM-ED50] Northing:	5684474
Water-Bottom Interface Siltpr. [m TAW]:	-13.11
Waterdepth 210 kHz Echo [m TAW]:	-12.90
Waterdepth 33 kHz Echo [m TAW]:	-13.10
Surface Elevation [m TAW]:	1.21

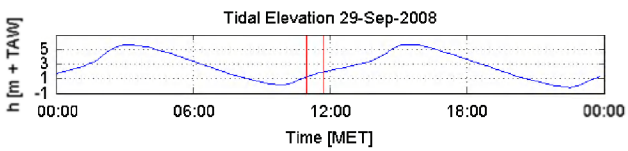
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.92	17.2	10.1	37
0.20	17.3	10.1	37
-0.44	17.3	10.1	40
-1.07	17.2	10.1	43
-1.67	17.2	10.1	54
-2.30	17.2	10.2	52
-2.92	17.2	10.2	56
-3.58	17.3	10.3	62
-4.17	17.3	10.3	65
-4.86	17.3	10.3	63
-5.47	17.3	10.4	90
-6.19	17.3	10.5	93
-6.82	17.3	10.8	91
-7.46	17.3	11.0	82
-8.17	17.3	11.2	75
-8.86	17.3	11.5	75
-9.50	17.3	11.8	71
-10.14	17.3	11.9	67
-10.80	17.2	12.0	52
-11.37	17.2	12.2	37
-12.04	17.2	12.4	35
-12.67	17.2	12.8	39
-13.11	17.2	12.7	1797
Depth Avg	**17.3**	**10.9**	**61**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:41
Time after/before HT [MET]:	1:51
Coordinates [UTM-ED50] Easting:	588663
Coordinates [UTM-ED50] Northing:	5684491
Water-Bottom Interface Siltpr. [m TAW]:	-13.22
Waterdepth 210 kHz Echo [m TAW]:	-13.02
Waterdepth 33 kHz Echo [m TAW]:	-13.18
Surface Elevation [m TAW]:	1.87

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.57	17.1	11.1	96
0.93	17.2	11.2	95
0.20	17.2	11.2	97
-0.45	17.3	11.3	95
-1.19	17.3	11.3	97
-1.90	17.3	11.3	95
-2.70	17.3	11.3	95
-3.42	17.3	11.3	96
-4.20	17.3	11.4	94
-4.92	17.3	11.4	86
-5.65	17.3	11.4	74
-6.40	17.3	11.5	75
-7.11	17.3	11.6	70
-7.82	17.3	11.9	69
-8.43	17.3	11.9	74
-9.09	17.3	11.7	54
-9.74	17.3	12.0	60
-10.45	17.3	12.1	60
-11.09	17.3	12.1	48
-11.78	17.3	12.2	33
-12.46	17.3	12.4	54
-13.10	17.3	12.7	66
-13.22	17.3	12.8	69
Depth Avg	**17.3**	**11.6**	**77**



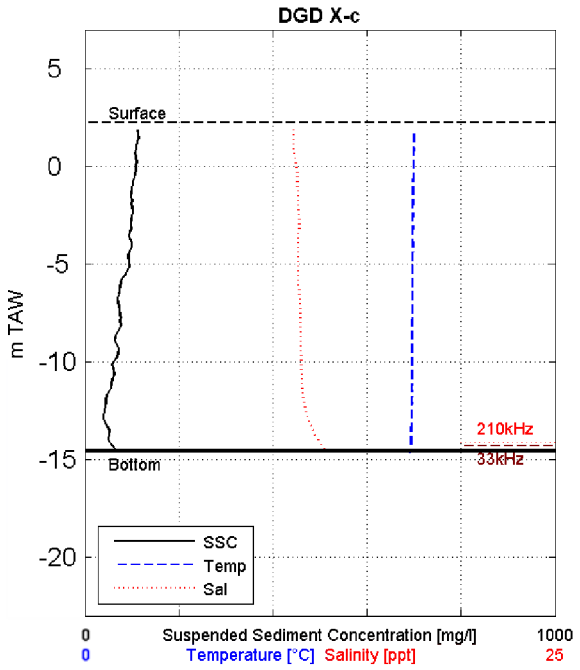
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

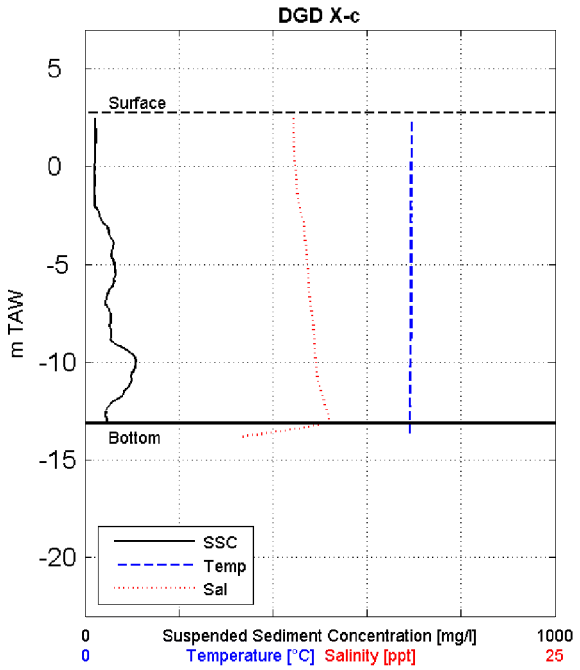
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8192 Xc_ctd.sil 8212 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:16
Time after/before HT [MET]:	2:26
Coordinates [UTM-ED50] Easting:	588672
Coordinates [UTM-ED50] Northing:	5684484
Water-Bottom Interface Siltpr. [m TAW]:	-14.54
Waterdepth 210 kHz Echo [m TAW]:	-14.11
Waterdepth 33 kHz Echo [m TAW]:	-14.25
Surface Elevation [m TAW]:	2.27

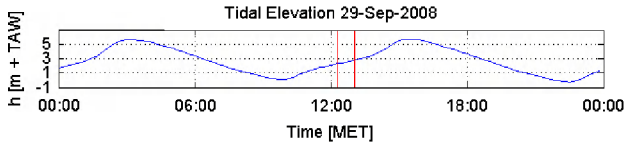
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.91	17.5	11.1	113
1.02	17.4	11.1	109
0.21	17.4	11.2	110
-0.56	17.4	11.3	104
-1.34	17.4	11.3	97
-2.01	17.4	11.3	96
-2.77	17.4	11.4	97
-3.62	17.4	11.4	94
-4.46	17.4	11.3	93
-5.27	17.4	11.4	89
-6.10	17.4	11.4	73
-6.92	17.4	11.4	69
-7.78	17.4	11.4	77
-8.57	17.4	11.4	68
-9.38	17.4	11.5	73
-10.07	17.4	11.5	58
-10.82	17.4	11.5	60
-11.56	17.3	11.6	51
-12.25	17.4	11.7	44
-13.06	17.4	11.9	43
-13.80	17.3	12.3	51
-14.54	17.3	12.8	69
-14.54	17.3	12.8	69
Depth Avg	**17.4**	**11.5**	**80**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:01
Time after/before HT [MET]:	3:11
Coordinates [UTM-ED50] Easting:	588659
Coordinates [UTM-ED50] Northing:	5684502
Water-Bottom Interface Siltpr. [m TAW]:	-13.14
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.77

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.47	17.4	11.1	20
1.66	17.3	11.1	22
0.89	17.4	11.1	21
0.11	17.3	11.2	21
-0.67	17.3	11.2	22
-1.39	17.4	11.3	20
-2.13	17.3	11.4	24
-2.86	17.3	11.6	35
-3.58	17.3	11.7	55
-4.31	17.3	11.8	57
-5.07	17.3	11.8	65
-5.79	17.3	11.9	59
-6.47	17.3	11.9	49
-7.19	17.4	12.0	47
-7.90	17.3	12.1	55
-8.59	17.3	12.2	54
-9.30	17.3	12.2	85
-10.01	17.3	12.3	109
-10.71	17.3	12.3	97
-11.36	17.3	12.5	89
-12.05	17.3	12.7	57
-12.70	17.2	12.9	42
-13.14	17.2	13.0	47
Depth Avg	**17.3**	**11.8**	**50**



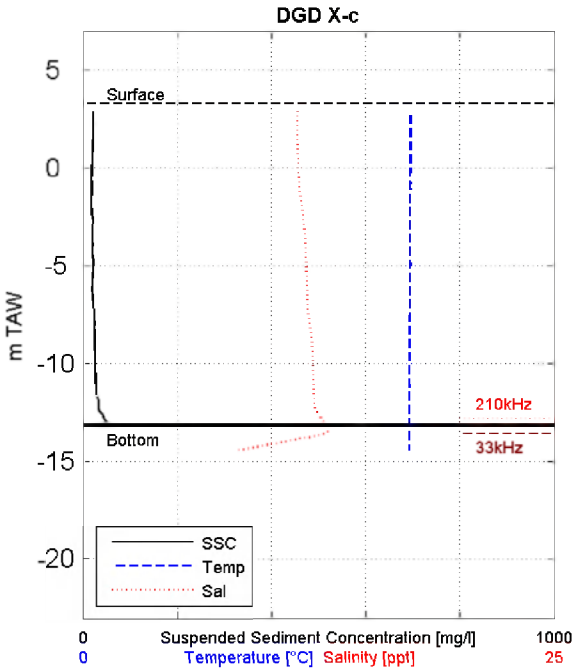
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

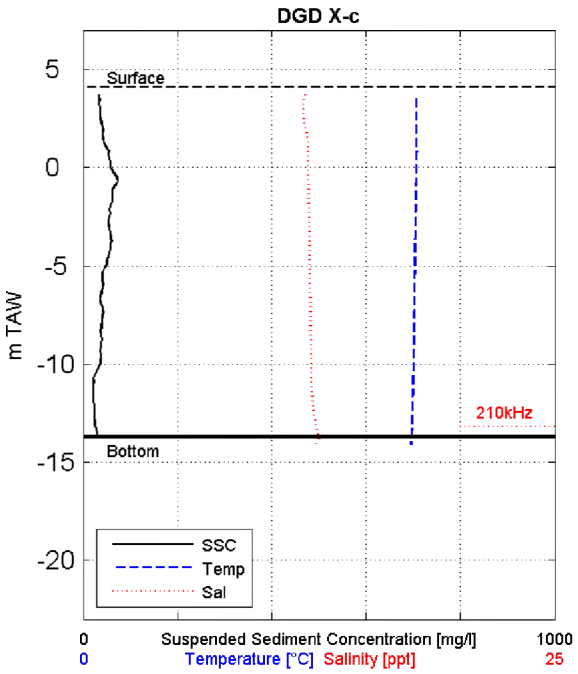
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8227 Xc_ctd.sil 8242 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:37
Time after/before HT [MET]:	3:47
Coordinates [UTM-ED50] Easting:	588647
Coordinates [UTM-ED50] Northing:	5684504
Water-Bottom Interface Siltpr. [m TAW]:	-13.18
Waterdepth 210 kHz Echo [m TAW]:	-12.77
Waterdepth 33 kHz Echo [m TAW]:	-13.58
Surface Elevation [m TAW]:	3.25

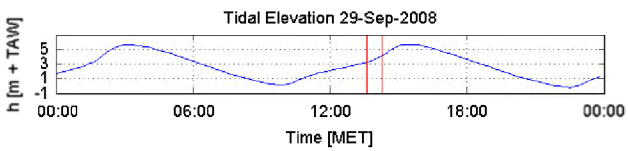
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.94	17.4	11.4	20
2.23	17.4	11.4	22
1.50	17.4	11.4	22
0.73	17.4	11.4	19
-0.05	17.4	11.4	19
-0.76	17.4	11.4	18
-1.47	17.4	11.5	17
-2.31	17.3	11.7	18
-3.17	17.4	11.8	19
-3.98	17.4	11.8	18
-4.79	17.4	11.8	24
-5.60	17.4	11.9	21
-6.32	17.4	11.9	18
-7.01	17.3	11.9	22
-7.72	17.3	12.0	23
-8.53	17.3	12.1	24
-9.24	17.3	12.2	24
-9.96	17.3	12.2	26
-10.69	17.3	12.2	28
-11.48	17.3	12.2	27
-12.27	17.3	12.3	32
-13.00	17.3	12.7	48
-13.18	17.3	12.9	60
Depth Avg	**17.3**	**11.8**	**23**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:15
Time after/before HT [MET]:	4:25
Coordinates [UTM-ED50] Easting:	588659
Coordinates [UTM-ED50] Northing:	5684494
Water-Bottom Interface Siltpr. [m TAW]:	-13.71
Waterdepth 210 kHz Echo [m TAW]:	-13.17
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	4.10

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.80	17.6	11.8	32
2.94	17.6	11.7	35
2.09	17.7	11.8	41
1.22	17.6	11.9	43
0.27	17.7	11.9	57
-0.55	17.6	11.9	74
-1.36	17.6	11.9	59
-2.16	17.6	11.9	56
-3.00	17.6	12.0	56
-3.94	17.6	12.0	59
-4.80	17.6	12.0	49
-5.63	17.6	12.0	40
-6.42	17.6	12.0	37
-7.23	17.6	12.0	44
-8.07	17.5	12.0	38
-8.88	17.5	12.0	37
-9.71	17.5	12.0	36
-10.52	17.5	12.0	27
-11.33	17.5	12.1	23
-12.10	17.4	12.2	23
-12.93	17.4	12.3	26
-13.71	17.4	12.5	3730
-13.71	17.4	12.5	3730
Depth Avg	**17.6**	**12.0**	**45**



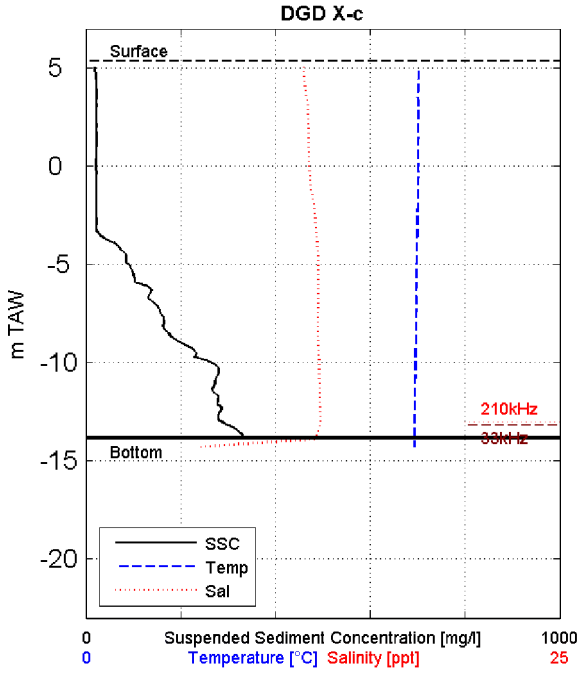
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

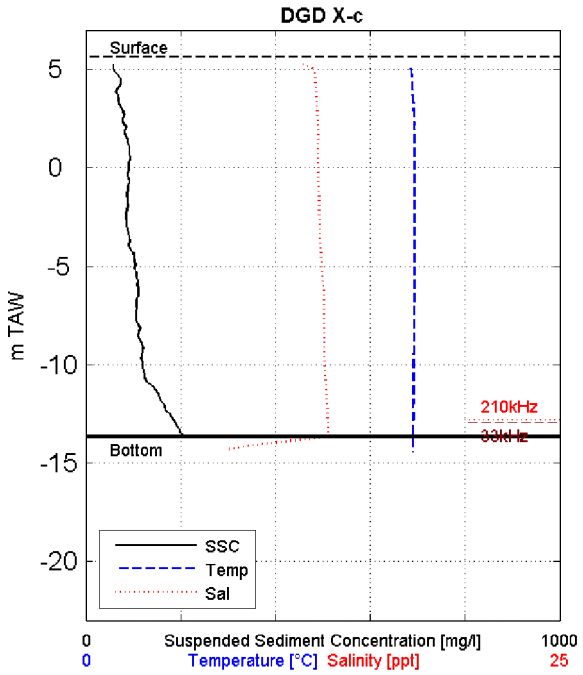
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8257 Xc_ctd.sil 8272 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 14:56
Time after/before HT [MET]:	5:06
Coordinates [UTM-ED50] Easting:	588660
Coordinates [UTM-ED50] Northing:	5684486
Water-Bottom Interface Siltpr. [m TAW]:	-13.85
Waterdepth 210 kHz Echo [m TAW]:	-13.04
Waterdepth 33 kHz Echo [m TAW]:	-13.16
Surface Elevation [m TAW]:	5.36

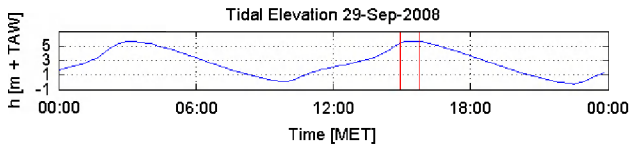
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.04	17.5	11.5	18
4.18	17.5	11.5	22
3.23	17.5	11.7	23
2.34	17.5	11.7	22
1.38	17.5	11.7	22
0.47	17.5	11.8	22
-0.41	17.5	11.8	22
-1.34	17.5	11.9	22
-2.28	17.5	12.1	22
-3.21	17.5	12.1	22
-4.05	17.5	12.2	67
-4.91	17.4	12.2	86
-5.77	17.4	12.3	101
-6.68	17.4	12.2	129
-7.59	17.4	12.2	159
-8.42	17.4	12.2	171
-9.31	17.4	12.3	226
-10.24	17.4	12.3	279
-11.10	17.4	12.3	273
-11.94	17.3	12.3	276
-12.87	17.3	12.4	278
-13.63	17.3	12.2	326
-13.85	17.3	12.1	328
Depth Avg	**17.4**	**12.0**	**114**



Siltprofiler

Date & Time [MET]:	29/9/2008 15:44
Time after/before HT [MET]:	5:54
Coordinates [UTM-ED50] Easting:	588655
Coordinates [UTM-ED50] Northing:	5684504
Water-Bottom Interface Siltpr. [m TAW]:	-13.65
Waterdepth 210 kHz Echo [m TAW]:	-12.81
Waterdepth 33 kHz Echo [m TAW]:	-12.93
Surface Elevation [m TAW]:	5.62

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.34	17.1	11.2	58
4.36	17.2	12.1	74
3.53	17.3	12.2	67
2.64	17.3	12.2	79
1.80	17.3	12.2	82
0.92	17.3	12.2	91
-0.01	17.4	12.2	90
-0.89	17.4	12.3	88
-1.80	17.4	12.3	87
-2.66	17.3	12.3	82
-3.62	17.3	12.3	94
-4.56	17.4	12.4	104
-5.47	17.3	12.5	107
-6.37	17.3	12.5	110
-7.31	17.3	12.6	106
-8.27	17.3	12.6	113
-9.23	17.3	12.6	120
-10.14	17.3	12.6	120
-11.00	17.3	12.7	137
-11.90	17.3	12.7	157
-12.76	17.3	12.7	182
-13.63	17.2	12.8	201
-13.65	17.3	12.7	5296
Depth Avg	**17.3**	**12.4**	**109**



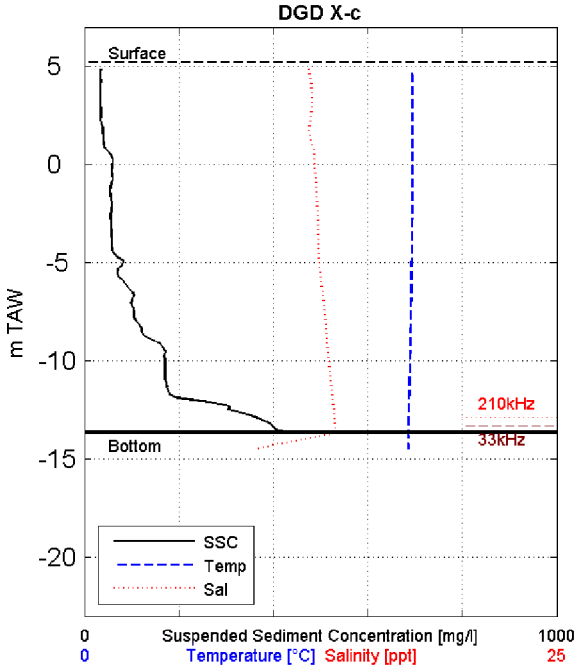
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

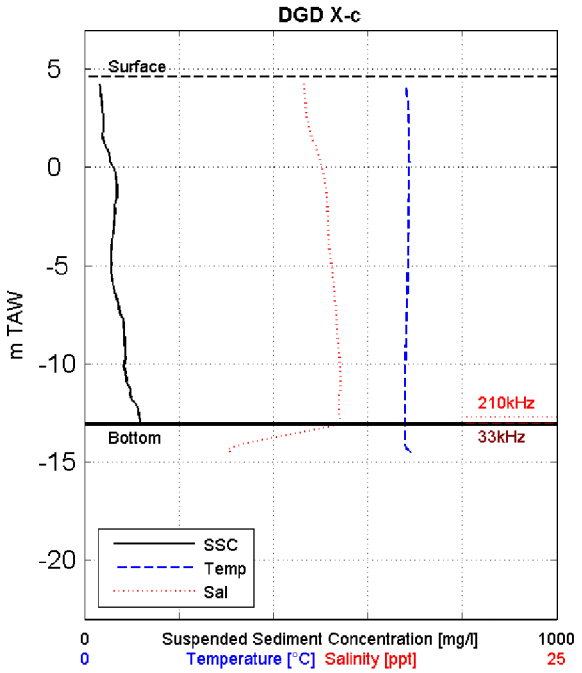
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8287 Xc_ctd.sil 8302 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:23
Time after/before HT [MET]:	6:33
Coordinates [UTM-ED50] Easting:	588644
Coordinates [UTM-ED50] Northing:	5684489
Water-Bottom Interface Siltpr. [m TAW]:	-13.64
Waterdepth 210 kHz Echo [m TAW]:	-12.88
Waterdepth 33 kHz Echo [m TAW]:	-13.30
Surface Elevation [m TAW]:	5.18

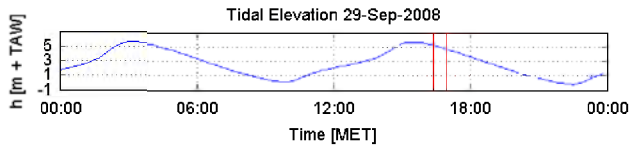
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.88	17.3	11.9	35
4.07	17.3	12.0	34
3.22	17.3	12.0	33
2.40	17.3	11.9	34
1.50	17.4	11.9	40
0.63	17.3	12.1	51
-0.27	17.3	12.2	57
-1.09	17.3	12.2	53
-2.00	17.3	12.3	56
-2.86	17.3	12.3	54
-3.74	17.3	12.4	57
-4.70	17.3	12.4	69
-5.63	17.3	12.5	70
-6.56	17.3	12.6	105
-7.43	17.3	12.7	104
-8.26	17.2	12.8	121
-9.15	17.2	12.8	160
-10.05	17.2	12.9	170
-10.94	17.1	13.0	171
-11.82	17.1	13.1	186
-12.66	17.1	13.2	332
-13.55	17.1	13.3	418
-13.64	17.1	13.3	530
Depth Avg	**17.3**	**12.5**	**105**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:57
Time after/before HT [MET]:	7:07
Coordinates [UTM-ED50] Easting:	588648
Coordinates [UTM-ED50] Northing:	5684507
Water-Bottom Interface Siltpr. [m TAW]:	-13.08
Waterdepth 210 kHz Echo [m TAW]:	-12.68
Waterdepth 33 kHz Echo [m TAW]:	-13.03
Surface Elevation [m TAW]:	4.64

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.34	16.9	11.6	31
3.55	17.0	11.7	36
2.75	17.1	11.7	39
1.94	17.2	11.9	39
1.12	17.2	12.2	44
0.31	17.2	12.5	54
-0.53	17.1	12.7	67
-1.41	17.1	12.8	68
-2.20	17.1	12.8	63
-3.05	17.1	12.9	60
-3.84	17.1	12.9	57
-4.67	17.1	13.0	55
-5.51	17.1	13.1	58
-6.33	17.1	13.2	64
-7.19	17.0	13.3	74
-8.07	17.0	13.3	82
-8.96	17.0	13.4	85
-9.76	16.9	13.5	86
-10.58	16.9	13.5	86
-11.38	16.9	13.5	98
-12.24	16.9	13.5	112
-13.03	16.9	13.5	119
-13.08	17.0	13.5	122
Depth Avg	**17.1**	**12.8**	**66**



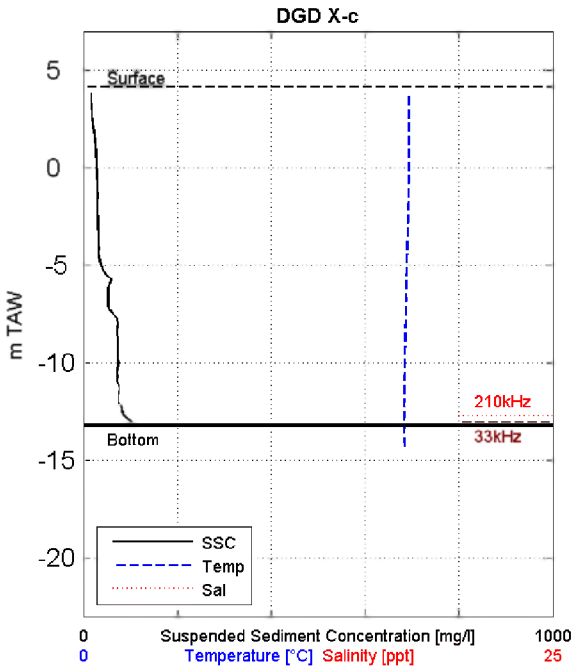
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

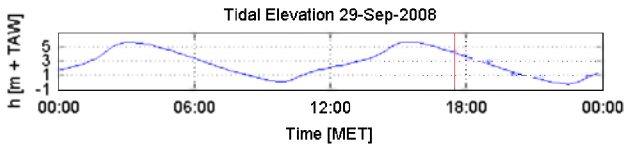
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8317 Xc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:29
Time after/before HT [MET]:	7:39
Coordinates [UTM-ED50] Easting:	588643
Coordinates [UTM-ED50] Northing:	5684502
Water-Bottom Interface Siltpr. [m TAW]:	-13.24
Waterdepth 210 kHz Echo [m TAW]:	-12.68
Waterdepth 33 kHz Echo [m TAW]:	-13.03
Surface Elevation [m TAW]:	4.14

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.84	17.3	NaN	16
2.91	17.3	NaN	16
2.10	17.3	NaN	21
1.27	17.4	NaN	26
0.50	17.4	NaN	26
-0.26	17.3	NaN	30
-1.00	17.3	NaN	29
-1.86	17.3	NaN	30
-2.72	17.3	NaN	32
-3.53	17.2	NaN	32
-4.42	17.2	NaN	32
-5.28	17.2	NaN	44
-6.06	17.2	NaN	52
-6.90	17.1	NaN	54
-7.73	17.1	NaN	72
-8.55	17.1	NaN	72
-9.30	17.1	NaN	74
-10.09	17.1	NaN	75
-10.86	17.1	NaN	71
-11.59	17.1	NaN	74
-12.40	17.1	NaN	83
-13.24	17.1	NaN	103
Depth Avg	**17.2**	**NaN**	**47**



Data Processed by: IMDC

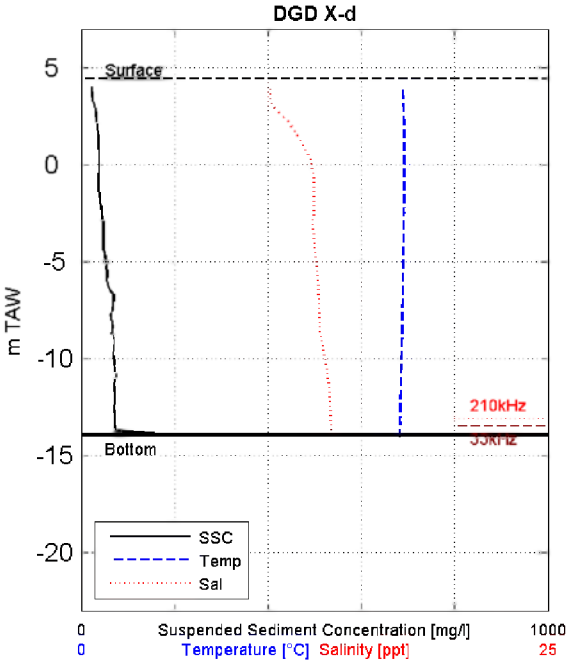
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.4 Location Xd

Through tide measurements Siltprofiler DGD Summer 2008

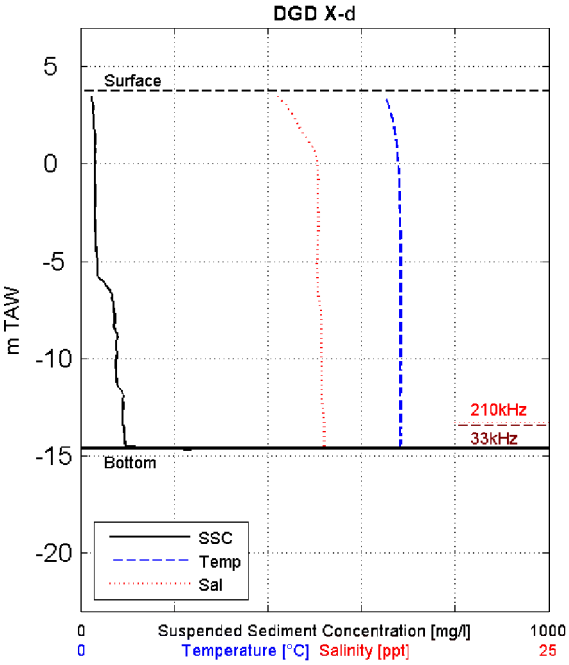
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8005 Xd_ctd.sil 8020 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 04:57
Time after/before HT [MET]:	1:47
Coordinates [UTM-ED50] Easting:	588704
Coordinates [UTM-ED50] Northing:	5684573
Water-Bottom Interface Siltpr. [m TAW]:	-13.94
Waterdepth 210 kHz Echo [m TAW]:	-13.08
Waterdepth 33 kHz Echo [m TAW]:	-13.44
Surface Elevation [m TAW]:	4.42

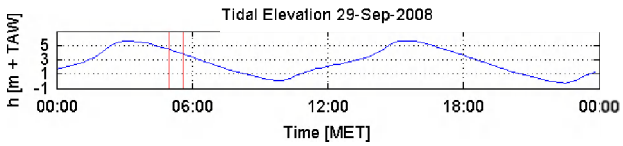
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.10	17.2	NaN	21
3.14	17.2	10.2	28
2.21	17.3	11.1	32
1.25	17.3	11.7	36
0.37	17.3	12.3	39
-0.50	17.3	12.4	37
-1.35	17.3	12.4	37
-2.19	17.3	12.4	41
-2.93	17.3	12.4	47
-3.81	17.2	12.4	47
-4.67	17.2	12.5	51
-5.51	17.2	12.6	55
-6.47	17.2	12.7	60
-7.31	17.2	12.7	67
-8.16	17.2	12.8	63
-8.93	17.1	12.8	70
-9.67	17.2	13.0	67
-10.48	17.1	13.1	73
-11.24	17.1	13.2	68
-12.09	17.1	13.3	74
-12.96	17.1	13.3	72
-13.84	17.1	13.4	74
-13.94	17.1	13.4	52
Depth Avg	**17.2**	**12.4**	**52**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:36
Time after/before HT [MET]:	2:26
Coordinates [UTM-ED50] Easting:	588685
Coordinates [UTM-ED50] Northing:	5684581
Water-Bottom Interface Siltpr. [m TAW]:	-14.63
Waterdepth 210 kHz Echo [m TAW]:	-13.30
Waterdepth 33 kHz Echo [m TAW]:	-13.41
Surface Elevation [m TAW]:	3.78

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.48	16.2	10.5	23
2.62	16.6	11.2	25
1.72	16.8	11.8	30
0.78	16.9	12.4	29
-0.05	17.0	12.6	30
-0.91	17.0	12.7	30
-1.73	17.0	12.6	31
-2.58	17.0	12.7	27
-3.44	17.1	12.7	31
-4.26	17.1	12.6	31
-5.15	17.1	12.6	35
-5.93	17.1	12.6	42
-6.74	17.1	12.7	67
-7.55	17.1	12.8	70
-8.43	17.1	12.9	70
-9.27	17.1	12.9	74
-10.13	17.1	12.9	75
-10.97	17.1	12.9	76
-11.83	17.1	12.9	91
-12.73	17.1	12.9	89
-13.57	17.1	13.0	93
-14.41	17.1	13.0	96
-14.63	17.1	13.0	565
Depth Avg	**17.0**	**12.5**	**53**



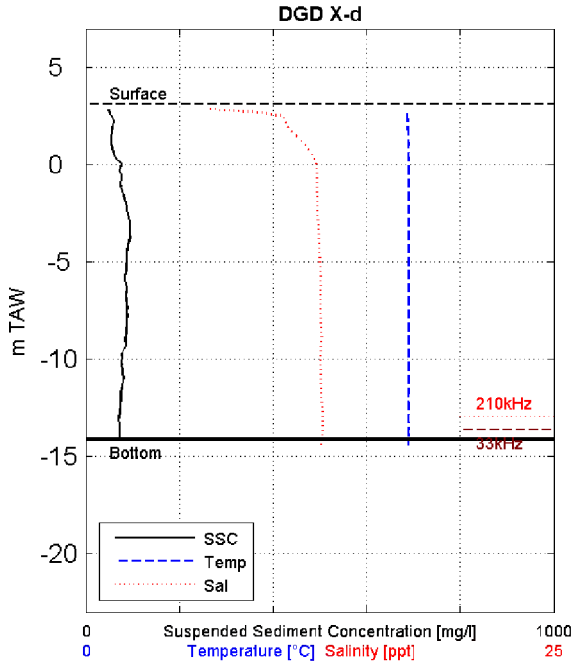
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

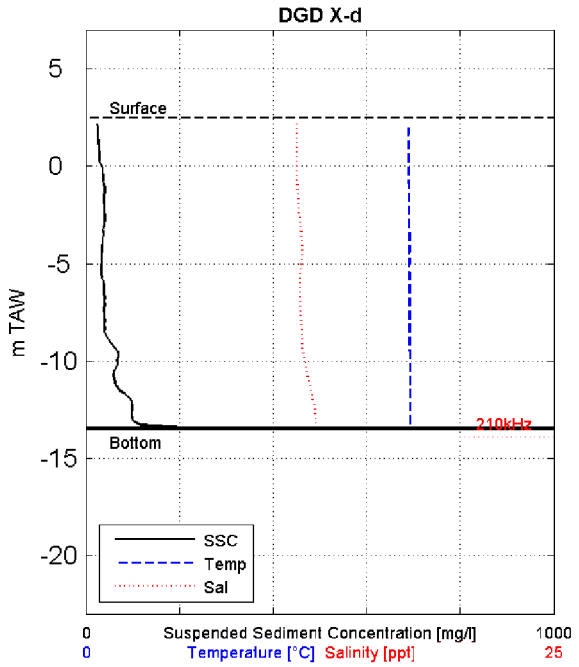
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8035 Xd_ctd.sil 8051 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:11
Time after/before HT [MET]:	3:01
Coordinates [UTM-ED50] Easting:	588684
Coordinates [UTM-ED50] Northing:	5684583
Water-Bottom Interface Siltpr. [m TAW]:	-14.11
Waterdepth 210 kHz Echo [m TAW]:	-12.95
Waterdepth 33 kHz Echo [m TAW]:	-13.60
Surface Elevation [m TAW]:	3.15

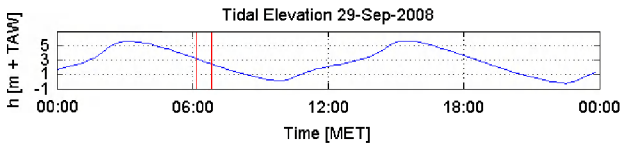
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.87	17.1	6.3	48
2.11	17.2	10.7	59
1.37	17.2	11.4	55
0.59	17.2	12.0	58
-0.15	17.2	12.3	73
-0.87	17.3	12.3	73
-1.68	17.3	12.3	82
-2.49	17.2	12.4	89
-3.23	17.2	12.4	93
-4.06	17.3	12.4	91
-4.82	17.2	12.5	87
-5.61	17.3	12.5	85
-6.34	17.2	12.5	89
-7.18	17.2	12.5	88
-8.04	17.2	12.5	88
-8.87	17.2	12.6	83
-9.71	17.2	12.5	75
-10.57	17.2	12.5	79
-11.43	17.2	12.6	77
-12.31	17.2	12.6	74
-13.18	17.2	12.7	71
-14.04	17.2	12.6	72
-14.11	17.2	12.6	71
Depth Avg	**17.2**	**12.2**	**77**



Siltprofiler

Date & Time [MET]:	29/9/2008 06:51
Time after/before HT [MET]:	3:41
Coordinates [UTM-ED50] Easting:	588699
Coordinates [UTM-ED50] Northing:	5684568
Water-Bottom Interface Siltpr. [m TAW]:	-13.47
Waterdepth 210 kHz Echo [m TAW]:	-13.92
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.20	17.2	11.3	24
1.39	17.2	11.2	26
0.53	17.2	11.3	28
-0.22	17.2	11.3	36
-0.84	17.2	11.3	39
-1.53	17.2	11.3	39
-2.19	17.3	11.4	40
-2.91	17.3	11.4	40
-3.81	17.3	11.5	36
-4.57	17.3	11.5	34
-5.36	17.3	11.4	34
-6.03	17.3	11.4	38
-6.77	17.3	11.4	41
-7.52	17.3	11.5	39
-8.27	17.3	11.5	40
-8.97	17.3	11.5	49
-9.74	17.3	11.6	69
-10.42	17.3	11.8	63
-11.14	17.3	11.9	62
-11.83	17.3	12.1	92
-12.54	17.3	12.2	97
-13.30	17.3	12.3	116
-13.47	17.3	12.3	617
Depth Avg	**17.3**	**11.5**	**48**



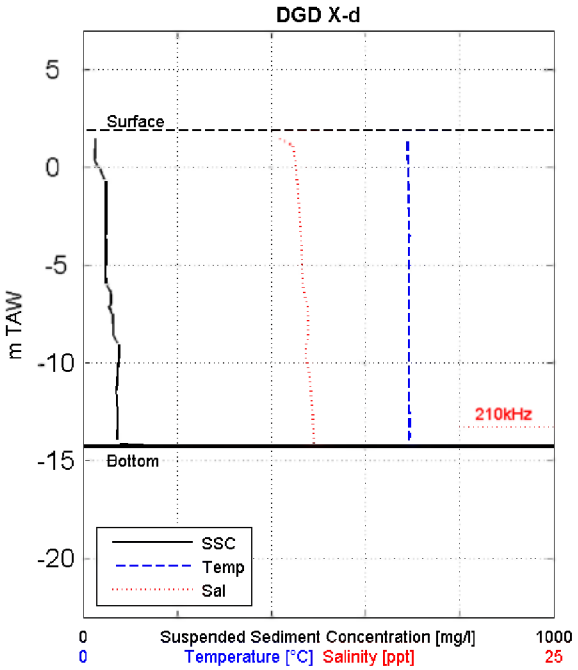
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

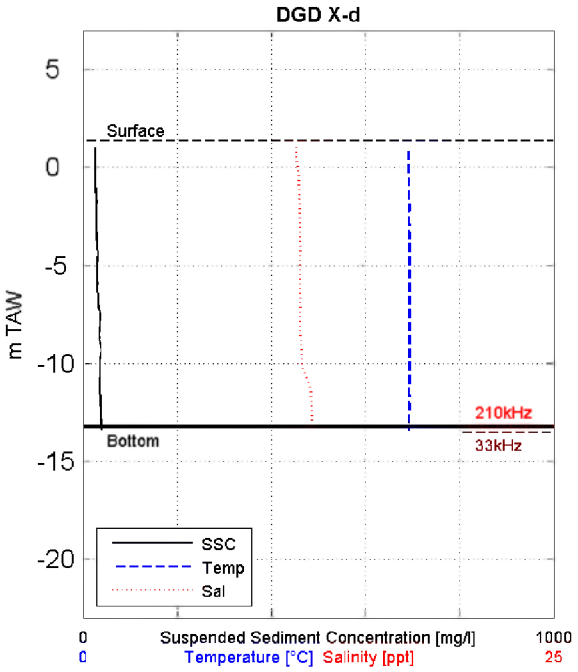
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8066 Xd_ctd.sil 8081 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:23
Time after/before HT [MET]:	4:13
Coordinates [UTM-ED50] Easting:	588687
Coordinates [UTM-ED50] Northing:	5684581
Water-Bottom Interface Siltpr. [m TAW]:	-14.28
Waterdepth 210 kHz Echo [m TAW]:	-13.28
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.87

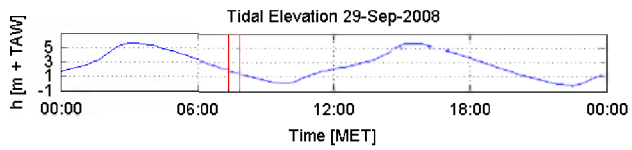
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.59	17.2	10.3	24
0.86	17.2	11.2	24
0.10	17.3	11.3	29
-0.71	17.3	11.4	48
-1.43	17.3	11.4	48
-2.09	17.3	11.5	48
-2.82	17.3	11.5	48
-3.59	17.3	11.6	47
-4.45	17.3	11.6	49
-5.33	17.3	11.6	47
-6.20	17.3	11.7	54
-7.06	17.3	11.9	53
-7.94	17.3	11.9	63
-8.82	17.3	11.9	67
-9.76	17.3	11.8	77
-10.59	17.4	12.0	72
-11.40	17.4	12.1	70
-12.16	17.3	12.1	73
-13.03	17.3	12.2	74
-13.96	17.3	12.2	72
-14.23	17.3	12.2	35
-14.25	17.3	12.2	125
-14.28	17.3	12.2	41
Depth Avg	**17.3**	**11.7**	**56**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:53
Time after/before HT [MET]:	4:43
Coordinates [UTM-ED50] Easting:	588679
Coordinates [UTM-ED50] Northing:	5684584
Water-Bottom Interface Siltpr. [m TAW]:	-13.25
Waterdepth 210 kHz Echo [m TAW]:	-13.21
Waterdepth 33 kHz Echo [m TAW]:	-13.51
Surface Elevation [m TAW]:	1.38

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.05	17.3	11.4	24
0.42	17.3	11.4	25
-0.29	17.3	11.4	26
-0.89	17.3	11.5	25
-1.52	17.3	11.5	28
-2.16	17.3	11.5	27
-2.83	17.3	11.5	27
-3.54	17.3	11.5	28
-4.23	17.3	11.5	30
-4.90	17.3	11.5	30
-5.61	17.3	11.5	29
-6.29	17.3	11.5	30
-6.98	17.3	11.5	32
-7.59	17.3	11.5	37
-8.21	17.3	11.5	35
-8.82	17.3	11.6	35
-9.47	17.3	11.6	38
-10.10	17.3	11.6	37
-10.77	17.3	11.9	36
-11.45	17.3	12.1	34
-12.12	17.3	12.1	36
-12.81	17.3	12.1	37
-13.25	17.3	12.2	39
Depth Avg	**17.3**	**11.6**	**31**



Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

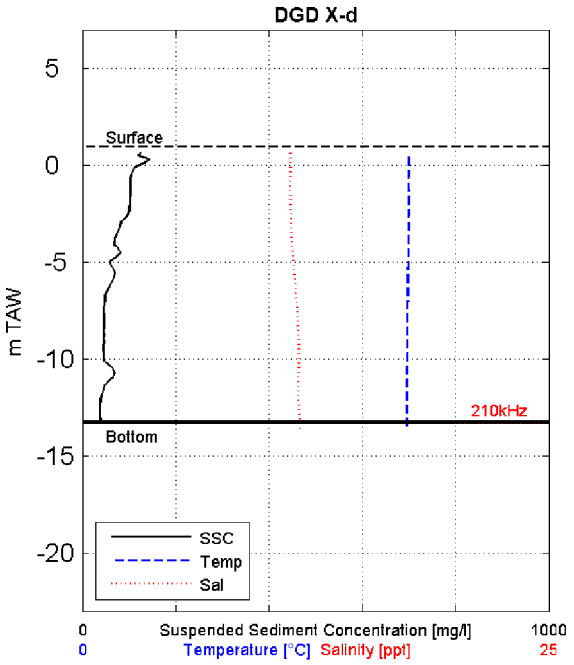
Through tide measurements Siltprofiler DGD Summer 2008

11283

Sourcefile(s):
8096 Xd_ctd.sil
8116 Xd_ctd.sil

Equipment(s):
SiltProfiler & CTD-Diver

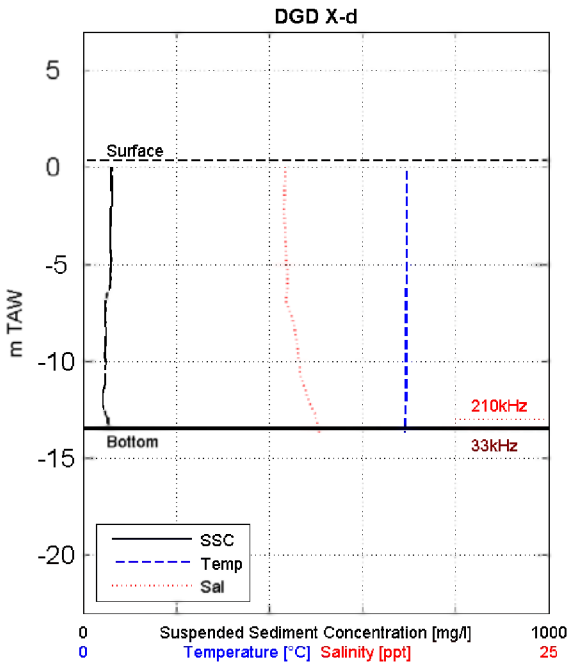
Location:
Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:23
Time after/before HT [MET]:	5:13
Coordinates [UTM-ED50] Easting:	588675
Coordinates [UTM-ED50] Northing:	5684587
Water-Bottom Interface Siltpr. [m TAW]:	-13.28
Waterdepth 210 kHz Echo [m TAW]:	-13.32
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.97

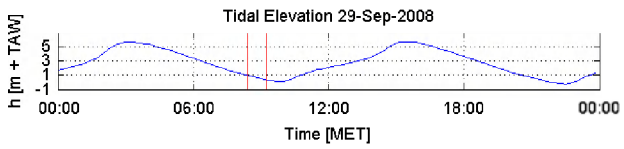
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.66	17.4	11.1	126
0.02	17.5	11.1	120
-0.64	17.4	11.1	102
-1.54	17.4	11.1	103
-2.25	17.5	11.1	101
-2.94	17.5	11.2	82
-3.60	17.5	11.2	70
-4.21	17.4	11.2	71
-4.83	17.4	11.3	58
-5.41	17.4	11.3	69
-6.06	17.4	11.4	59
-6.77	17.4	11.4	49
-7.43	17.4	11.5	46
-8.07	17.4	11.5	47
-8.69	17.4	11.6	48
-9.37	17.4	11.6	44
-10.09	17.4	11.6	47
-10.70	17.4	11.6	69
-11.32	17.4	11.6	48
-11.95	17.4	11.6	43
-12.55	17.4	11.6	37
-13.13	17.4	11.6	40
-13.28	17.4	11.7	39
Depth Avg	**17.4**	**11.4**	**69**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:14
Time after/before HT [MET]:	6:04
Coordinates [UTM-ED50] Easting:	588681
Coordinates [UTM-ED50] Northing:	5684574
Water-Bottom Interface Siltpr. [m TAW]:	-13.45
Waterdepth 210 kHz Echo [m TAW]:	-12.99
Waterdepth 33 kHz Echo [m TAW]:	-13.63
Surface Elevation [m TAW]:	0.36

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.04	17.4	10.8	60
-0.55	17.3	10.8	60
-1.14	17.3	10.8	60
-1.80	17.4	10.8	63
-2.42	17.3	10.8	58
-3.05	17.3	10.8	58
-3.67	17.3	10.8	57
-4.21	17.3	10.9	58
-4.87	17.3	10.9	62
-5.51	17.4	10.9	58
-6.15	17.4	10.9	56
-6.87	17.3	10.9	48
-7.53	17.4	11.1	48
-8.26	17.3	11.3	48
-8.88	17.4	11.4	48
-9.52	17.3	11.5	49
-10.15	17.4	11.6	49
-10.82	17.3	11.7	48
-11.49	17.3	11.9	44
-12.07	17.3	12.1	42
-12.67	17.3	12.4	47
-13.25	17.3	12.6	53
-13.45	17.3	12.6	53
Depth Avg	**17.3**	**11.2**	**53**

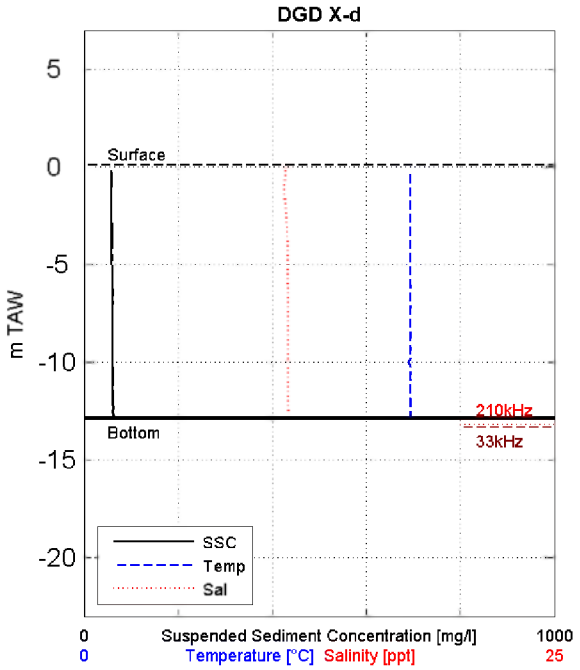


Data Processed by: IMDC
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

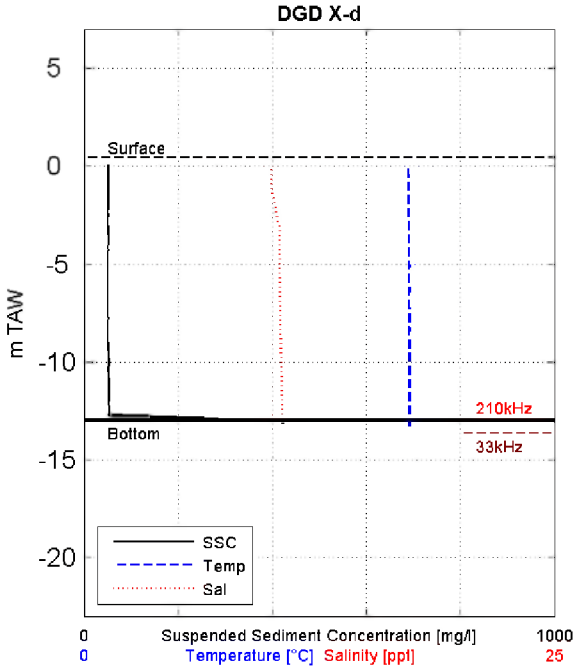
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8131 Xd_ctd.sil 8146 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:53
Time after/before HT [MET]:	0:03
Coordinates [UTM-ED50] Easting:	588698
Coordinates [UTM-ED50] Northing:	5684579
Water-Bottom Interface Siltpr. [m TAW]:	-12.88
Waterdepth 210 kHz Echo [m TAW]:	-13.16
Waterdepth 33 kHz Echo [m TAW]:	-13.31
Surface Elevation [m TAW]:	0.12

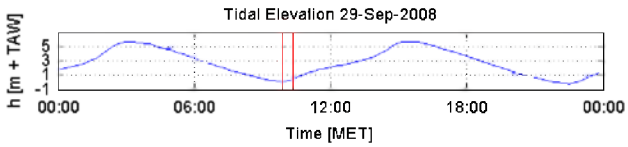
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.18	17.3	10.7	58
-0.74	17.3	10.6	58
-1.33	17.3	10.6	59
-1.99	17.3	10.7	57
-2.64	17.3	10.7	58
-3.25	17.3	10.8	58
-3.87	17.3	10.8	57
-4.51	17.3	10.8	58
-5.05	17.3	10.8	59
-5.63	17.3	10.8	58
-6.20	17.3	10.8	59
-6.76	17.3	10.8	60
-7.38	17.3	10.8	58
-7.90	17.3	10.8	59
-8.51	17.3	10.8	59
-9.12	17.3	10.8	59
-9.76	17.3	10.8	58
-10.38	17.3	10.8	60
-11.04	17.3	10.8	61
-11.68	17.3	10.8	60
-12.27	17.3	10.8	64
-12.84	17.3	10.9	63
-12.88	17.3	10.9	73
Depth Avg	**17.3**	**10.8**	**59**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:21
Time after/before HT [MET]:	0:31
Coordinates [UTM-ED50] Easting:	588694
Coordinates [UTM-ED50] Northing:	5684578
Water-Bottom Interface Siltpr. [m TAW]:	-12.97
Waterdepth 210 kHz Echo [m TAW]:	-13.08
Waterdepth 33 kHz Echo [m TAW]:	-13.62
Surface Elevation [m TAW]:	0.43

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.11	17.2	9.9	52
-0.49	17.2	9.9	50
-1.15	17.2	9.9	51
-1.77	17.2	10.1	51
-2.35	17.2	10.2	49
-2.94	17.3	10.3	51
-3.61	17.3	10.4	52
-4.25	17.3	10.4	51
-4.91	17.3	10.4	51
-5.57	17.3	10.4	51
-6.19	17.3	10.4	51
-6.78	17.3	10.4	51
-7.42	17.3	10.4	51
-8.01	17.3	10.4	49
-8.62	17.3	10.4	50
-9.19	17.3	10.4	50
-9.80	17.3	10.4	51
-10.46	17.3	10.5	52
-11.08	17.3	10.5	52
-11.74	17.3	10.5	54
-12.40	17.3	10.5	54
-12.97	17.3	10.5	12347
-12.97	17.3	10.5	12347
Depth Avg	**17.3**	**10.3**	**65**



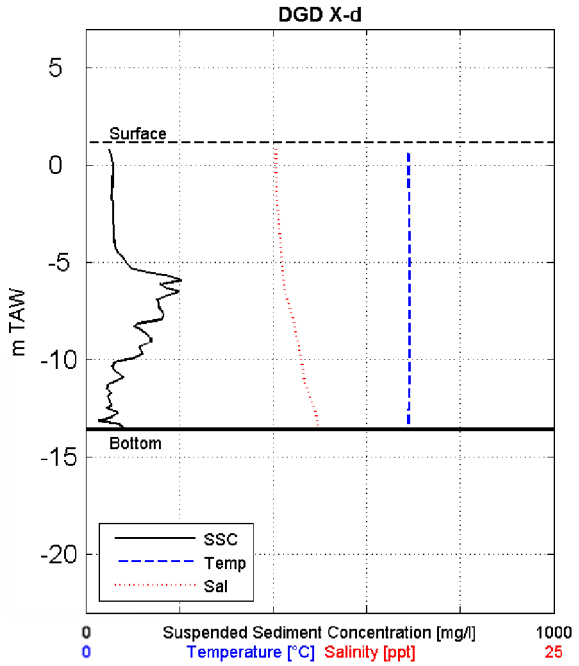
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

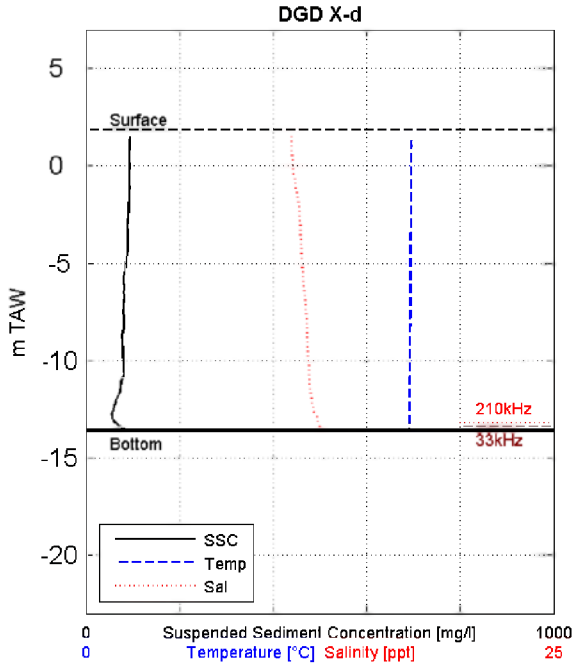
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8161 Xd_ctd.sil 8176 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:55
Time after/before HT [MET]:	1:05
Coordinates [UTM-ED50] Easting:	588703
Coordinates [UTM-ED50] Northing:	5684581
Water-Bottom Interface Siltpr. [m TAW]:	-13.58
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.16

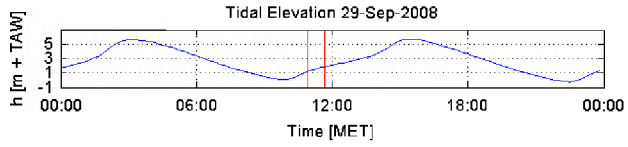
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.84	17.2	10.1	49
0.17	17.2	10.2	56
-0.56	17.3	10.2	56
-1.27	17.3	10.2	55
-1.94	17.3	10.2	58
-2.65	17.3	10.3	56
-3.41	17.3	10.3	59
-4.22	17.3	10.4	62
-5.01	17.3	10.5	86
-5.73	17.3	10.5	176
-6.54	17.3	10.6	175
-7.27	17.3	10.9	169
-7.89	17.3	11.1	188
-8.62	17.3	11.2	135
-9.28	17.3	11.4	157
-9.98	17.3	11.5	97
-10.62	17.3	11.6	72
-11.32	17.3	11.7	46
-12.02	17.3	12.0	40
-12.73	17.2	12.3	65
-13.42	17.2	12.4	75
-13.54	17.2	12.5	64
-13.58	17.2	12.5	89
Depth Avg	**17.3**	**10.9**	**86**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:40
Time after/before HT [MET]:	1:50
Coordinates [UTM-ED50] Easting:	588706
Coordinates [UTM-ED50] Northing:	5684569
Water-Bottom Interface Siltpr. [m TAW]:	-13.61
Waterdepth 210 kHz Echo [m TAW]:	-13.17
Waterdepth 33 kHz Echo [m TAW]:	-13.40
Surface Elevation [m TAW]:	1.85

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.55	17.4	11.0	95
0.79	17.4	11.0	92
0.03	17.3	11.0	93
-0.77	17.3	11.2	91
-1.62	17.4	11.3	91
-2.43	17.3	11.4	91
-3.25	17.4	11.4	88
-4.06	17.3	11.5	89
-4.85	17.3	11.5	85
-5.58	17.3	11.6	80
-6.41	17.3	11.6	79
-7.13	17.3	11.7	80
-7.82	17.3	11.8	82
-8.53	17.3	11.8	76
-9.27	17.3	11.8	78
-10.01	17.3	11.9	80
-10.84	17.3	11.9	77
-11.62	17.3	12.0	71
-12.39	17.3	12.1	58
-13.15	17.3	12.4	57
-13.52	17.3	12.5	70
-13.54	17.3	12.6	125
-13.61	17.2	12.6	71
Depth Avg	**17.3**	**11.6**	**82**



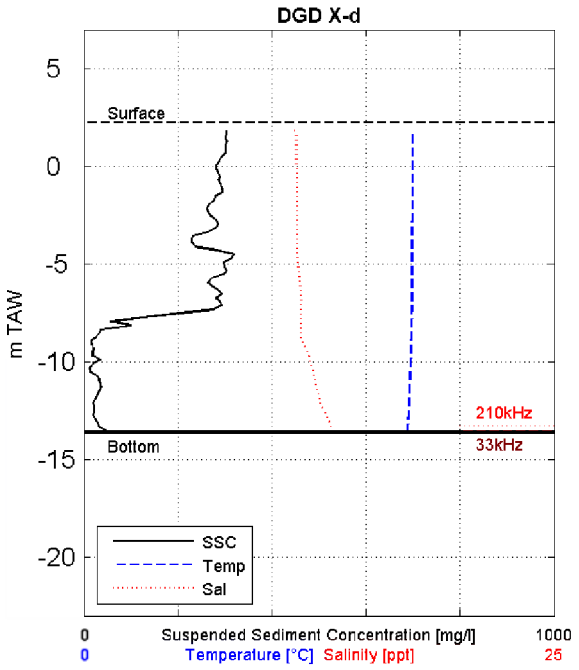
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

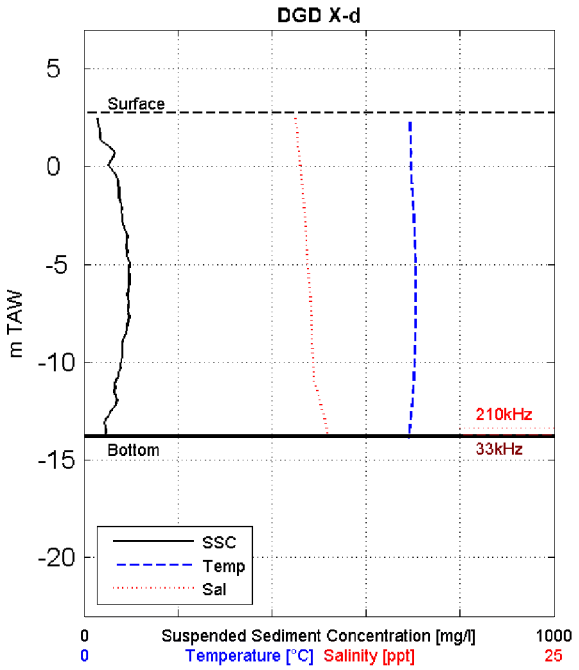
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8191 Xd_ctd.sil 8211 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:14
Time after/before HT [MET]:	2:24
Coordinates [UTM-ED50] Easting:	588696
Coordinates [UTM-ED50] Northing:	5684590
Water-Bottom Interface Siltpr. [m TAW]:	-13.62
Waterdepth 210 kHz Echo [m TAW]:	-13.28
Waterdepth 33 kHz Echo [m TAW]:	-13.52
Surface Elevation [m TAW]:	2.25

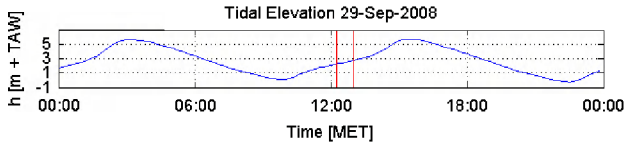
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.86	17.4	11.2	303
1.09	17.5	11.3	299
0.45	17.4	11.3	289
-0.36	17.4	11.3	288
-1.14	17.5	11.3	294
-1.86	17.4	11.3	267
-2.56	17.5	11.3	272
-3.31	17.4	11.3	263
-3.96	17.4	11.3	228
-4.68	17.4	11.3	310
-5.44	17.4	11.4	303
-6.23	17.4	11.5	282
-7.01	17.4	11.5	294
-7.68	17.4	11.5	113
-8.37	17.4	11.5	29
-9.10	17.4	11.7	12
-9.81	17.4	12.0	21
-10.55	17.4	12.2	22
-11.32	17.3	12.4	39
-12.03	17.3	12.6	31
-12.79	17.2	12.9	21
-13.43	17.2	13.1	48
-13.62	17.2	13.2	52
Depth Avg	**17.4**	**11.7**	**187**



Siltprofiler

Date & Time [MET]:	29/9/2008 12:59
Time after/before HT [MET]:	3:09
Coordinates [UTM-ED50] Easting:	588707
Coordinates [UTM-ED50] Northing:	5684579
Water-Bottom Interface Siltpr. [m TAW]:	-13.80
Waterdepth 210 kHz Echo [m TAW]:	-13.38
Waterdepth 33 kHz Echo [m TAW]:	-13.71
Surface Elevation [m TAW]:	2.74

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.46	17.3	11.3	29
1.72	17.4	11.3	34
0.89	17.3	11.4	60
0.01	17.4	11.5	52
-0.80	17.4	11.6	73
-1.59	17.4	11.7	74
-2.43	17.5	11.7	82
-3.19	17.6	11.8	88
-4.00	17.6	11.8	91
-4.76	17.6	11.9	94
-5.47	17.6	11.9	97
-6.18	17.6	12.0	97
-6.93	17.6	12.1	95
-7.63	17.6	12.1	97
-8.40	17.6	12.1	89
-9.21	17.6	12.1	82
-10.00	17.6	12.2	80
-10.76	17.5	12.2	74
-11.50	17.5	12.4	65
-12.21	17.4	12.6	65
-12.89	17.3	12.8	48
-13.54	17.3	12.9	45
-13.80	17.3	12.9	47
Depth Avg	**17.5**	**11.9**	**73**



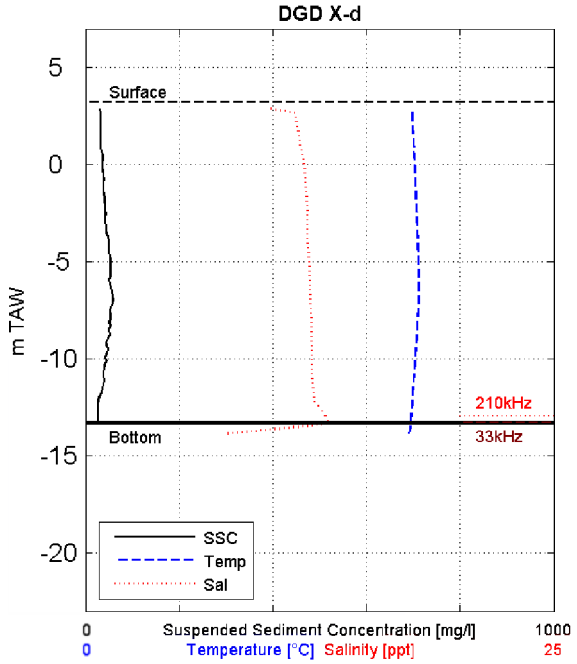
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

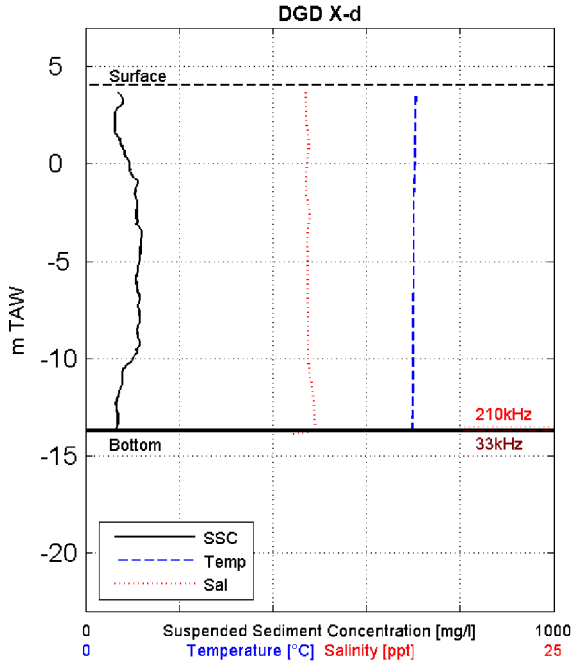
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8226 Xd_ctd.sil 8241 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:36
Time after/before HT [MET]:	3:46
Coordinates [UTM-ED50] Easting:	588693
Coordinates [UTM-ED50] Northing:	5684579
Water-Bottom Interface Siltpr. [m TAW]:	-13.32
Waterdepth 210 kHz Echo [m TAW]:	-12.94
Waterdepth 33 kHz Echo [m TAW]:	-13.29
Surface Elevation [m TAW]:	3.23

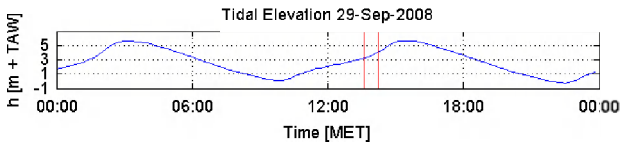
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.95	17.4	8.5	30
2.21	17.4	11.3	31
1.46	17.5	11.4	31
0.77	17.5	11.5	32
0.03	17.6	11.7	35
-0.76	17.6	11.7	39
-1.57	17.6	11.8	40
-2.40	17.7	11.8	43
-3.19	17.7	11.8	45
-3.98	17.7	11.9	47
-4.87	17.8	11.9	53
-5.68	17.8	12.0	53
-6.48	17.8	12.0	55
-7.05	17.8	12.0	57
-7.87	17.7	12.0	52
-8.52	17.7	12.0	49
-9.31	17.6	12.0	45
-10.07	17.6	12.0	45
-10.86	17.5	12.1	36
-11.53	17.5	12.2	35
-12.29	17.4	12.3	26
-13.05	17.3	12.9	25
-13.32	17.3	13.1	27
Depth Avg	**17.6**	**11.8**	**41**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:13
Time after/before HT [MET]:	4:23
Coordinates [UTM-ED50] Easting:	588709
Coordinates [UTM-ED50] Northing:	5684584
Water-Bottom Interface Siltpr. [m TAW]:	-13.72
Waterdepth 210 kHz Echo [m TAW]:	-13.53
Waterdepth 33 kHz Echo [m TAW]:	-13.69
Surface Elevation [m TAW]:	4.04

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.76	17.6	11.8	66
2.83	17.6	11.8	66
2.01	17.6	11.8	63
1.08	17.6	11.9	74
0.32	17.6	11.8	88
-0.54	17.6	11.8	96
-1.38	17.5	11.8	104
-2.23	17.5	11.9	107
-3.10	17.5	11.9	107
-3.96	17.5	11.8	116
-4.80	17.5	11.8	115
-5.63	17.5	11.8	113
-6.47	17.5	11.9	109
-7.30	17.5	11.9	111
-8.09	17.5	11.9	113
-8.88	17.5	11.9	111
-9.68	17.5	11.9	109
-10.42	17.5	11.9	80
-11.16	17.4	12.0	75
-11.95	17.5	12.1	68
-12.75	17.4	12.2	66
-13.50	17.4	12.2	69
-13.72	17.4	12.3	582
Depth Avg	**17.5**	**11.9**	**94**



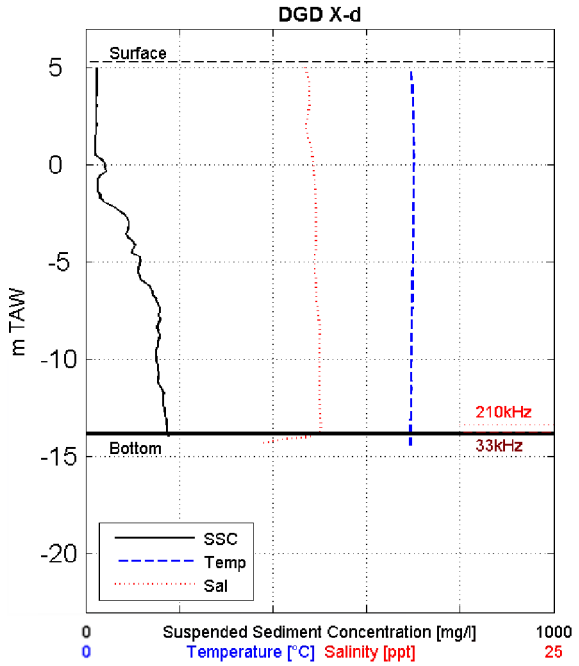
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

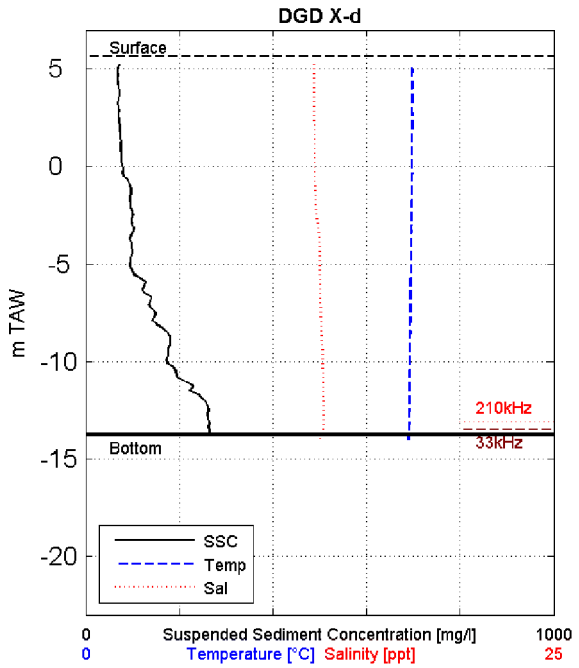
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8256 Xd_ctd.sil 8271 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 14:53
Time after/before HT [MET]:	5:03
Coordinates [UTM-ED50] Easting:	588677
Coordinates [UTM-ED50] Northing:	5684562
Water-Bottom Interface Siltpr. [m TAW]:	-13.86
Waterdepth 210 kHz Echo [m TAW]:	-13.37
Waterdepth 33 kHz Echo [m TAW]:	-13.74
Surface Elevation [m TAW]:	5.29

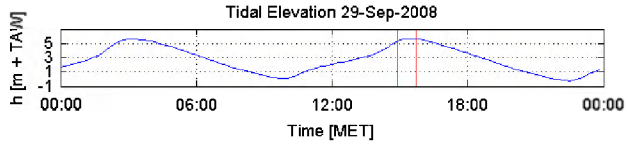
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.01	17.4	11.7	22
4.05	17.4	11.9	22
3.22	17.5	11.9	22
2.36	17.5	11.8	22
1.57	17.5	11.9	20
0.64	17.5	12.1	21
-0.32	17.5	12.2	47
-1.25	17.5	12.2	25
-2.17	17.5	12.3	60
-3.36	17.5	12.3	90
-4.10	17.5	12.3	106
-4.96	17.4	12.3	115
-5.78	17.4	12.3	117
-6.69	17.4	12.3	144
-7.55	17.4	12.4	158
-8.48	17.4	12.5	153
-9.31	17.4	12.4	152
-10.30	17.4	12.4	152
-11.18	17.4	12.4	154
-12.06	17.4	12.5	164
-12.93	17.4	12.5	171
-13.76	17.3	12.6	174
-13.86	17.3	12.6	175
Depth Avg	**17.4**	**12.2**	**94**



Siltprofiler

Date & Time [MET]:	29/9/2008 15:42
Time after/before HT [MET]:	5:52
Coordinates [UTM-ED50] Easting:	588698
Coordinates [UTM-ED50] Northing:	5684580
Water-Bottom Interface Siltpr. [m TAW]:	-13.74
Waterdepth 210 kHz Echo [m TAW]:	-13.09
Waterdepth 33 kHz Echo [m TAW]:	-13.46
Surface Elevation [m TAW]:	5.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.34	17.4	12.2	72
4.45	17.4	12.2	69
3.46	17.4	12.2	69
2.51	17.4	12.2	71
1.64	17.4	12.2	74
0.78	17.4	12.2	75
-0.10	17.4	12.2	82
-0.94	17.4	12.2	94
-1.87	17.4	12.3	96
-2.82	17.4	12.4	100
-3.69	17.3	12.5	95
-4.60	17.3	12.5	95
-5.56	17.3	12.5	101
-6.49	17.4	12.5	125
-7.45	17.3	12.5	147
-8.35	17.3	12.6	166
-9.22	17.3	12.6	177
-10.12	17.3	12.7	177
-11.01	17.3	12.7	208
-11.95	17.3	12.7	252
-12.83	17.3	12.7	256
-13.71	17.2	12.7	263
-13.74	17.2	12.7	263
Depth Avg	**17.4**	**12.4**	**128**



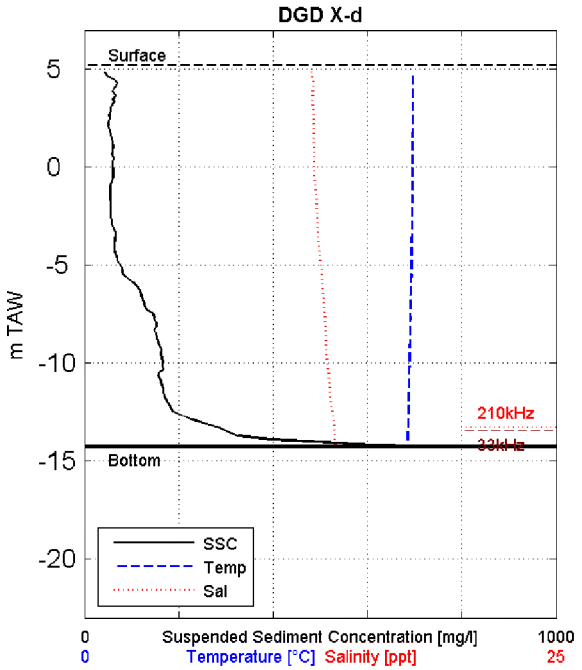
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

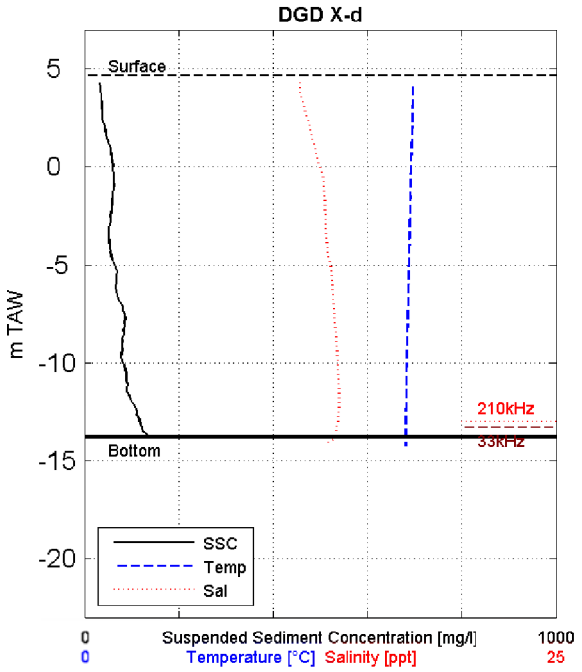
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8286 Xd_ctd.sil 8301 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:21
Time after/before HT [MET]:	6:31
Coordinates [UTM-ED50] Easting:	588695
Coordinates [UTM-ED50] Northing:	5684561
Water-Bottom Interface Siltpr. [m TAW]:	-14.26
Waterdepth 210 kHz Echo [m TAW]:	-13.24
Waterdepth 33 kHz Echo [m TAW]:	-13.47
Surface Elevation [m TAW]:	5.21

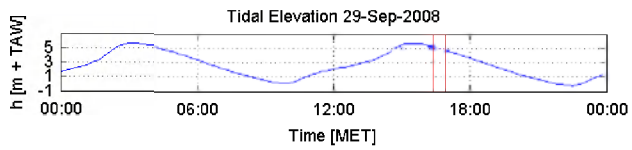
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.89	17.4	12.0	44
3.86	17.4	12.1	58
2.68	17.4	12.1	54
1.47	17.4	12.2	56
0.27	17.4	12.2	58
-0.83	17.4	12.2	56
-1.89	17.4	12.3	54
-3.07	17.4	12.3	58
-4.20	17.3	12.4	65
-5.18	17.3	12.6	82
-6.25	17.3	12.6	117
-7.43	17.3	12.7	141
-8.61	17.2	12.8	156
-9.71	17.2	12.8	163
-10.05	17.2	12.9	165
-10.54	17.2	12.9	156
-11.38	17.1	13.0	168
-12.43	17.2	13.1	186
-13.47	17.1	13.3	299
-14.16	17.1	NaN	481
-14.20	17.1	NaN	681
-14.21	17.1	NaN	604
-14.26	17.1	NaN	999
Depth Avg	**17.3**	**12.5**	**115**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:55
Time after/before HT [MET]:	7:05
Coordinates [UTM-ED50] Easting:	588674
Coordinates [UTM-ED50] Northing:	5684578
Water-Bottom Interface Siltpr. [m TAW]:	-13.79
Waterdepth 210 kHz Echo [m TAW]:	-13.00
Waterdepth 33 kHz Echo [m TAW]:	-13.29
Surface Elevation [m TAW]:	4.67

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.37	17.4	11.4	31
3.60	17.4	11.5	36
2.79	17.4	11.7	37
2.01	17.4	11.9	44
1.12	17.3	12.2	52
0.27	17.3	12.4	58
-0.60	17.3	12.7	63
-1.46	17.3	12.7	60
-2.34	17.3	12.7	56
-3.30	17.2	12.8	53
-4.19	17.2	12.9	54
-5.14	17.2	13.0	65
-6.07	17.2	13.1	64
-6.92	17.1	13.2	76
-7.77	17.1	13.3	85
-8.58	17.1	13.3	81
-9.40	17.1	13.4	79
-10.25	17.1	13.4	88
-11.09	17.1	13.5	92
-11.93	17.0	13.5	101
-12.84	17.0	13.4	116
-13.79	17.0	13.3	143
Depth Avg	**17.2**	**12.8**	**68**



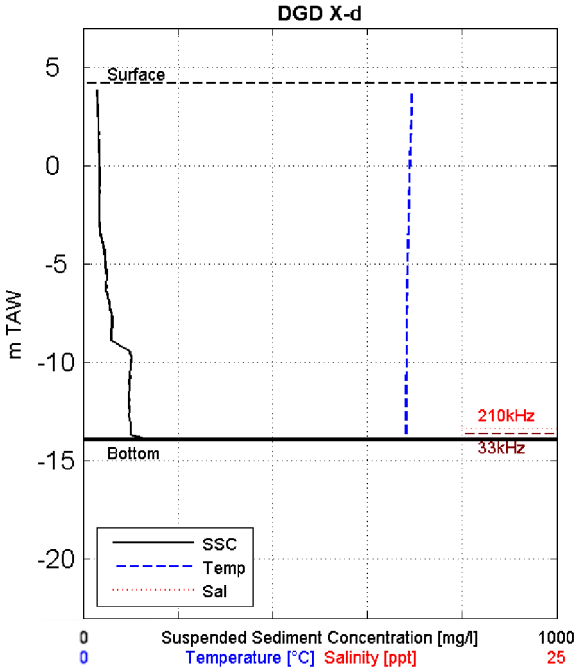
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

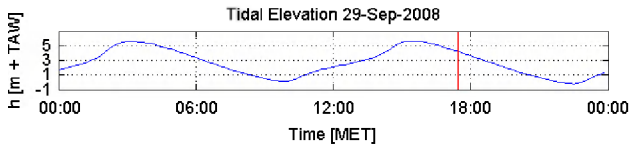
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8316 Xd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:27
Time after/before HT [MET]:	7:37
Coordinates [UTM-ED50] Easting:	588710
Coordinates [UTM-ED50] Northing:	5684580
Water-Bottom Interface Siltpr. [m TAW]:	-13.92
Waterdepth 210 kHz Echo [m TAW]:	-13.38
Waterdepth 33 kHz Echo [m TAW]:	-13.61
Surface Elevation [m TAW]:	4.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.89	17.3	NaN	28
3.03	17.3	NaN	31
2.15	17.3	NaN	31
1.26	17.3	NaN	32
0.40	17.2	NaN	34
-0.53	17.2	NaN	35
-1.48	17.1	NaN	34
-2.40	17.2	NaN	34
-3.31	17.1	NaN	35
-4.11	17.1	NaN	41
-4.95	17.1	NaN	48
-5.79	17.1	NaN	47
-6.67	17.1	NaN	51
-7.53	17.1	NaN	60
-8.39	17.1	NaN	58
-9.32	17.0	NaN	90
-10.16	17.1	NaN	99
-11.09	17.0	NaN	97
-11.88	17.0	NaN	95
-12.74	17.1	NaN	95
-13.58	17.0	NaN	100
-13.85	17.1	NaN	121
-13.92	17.0	NaN	130
Depth Avg	**17.1**	**NaN**	**56**



Data Processed by: IMDC

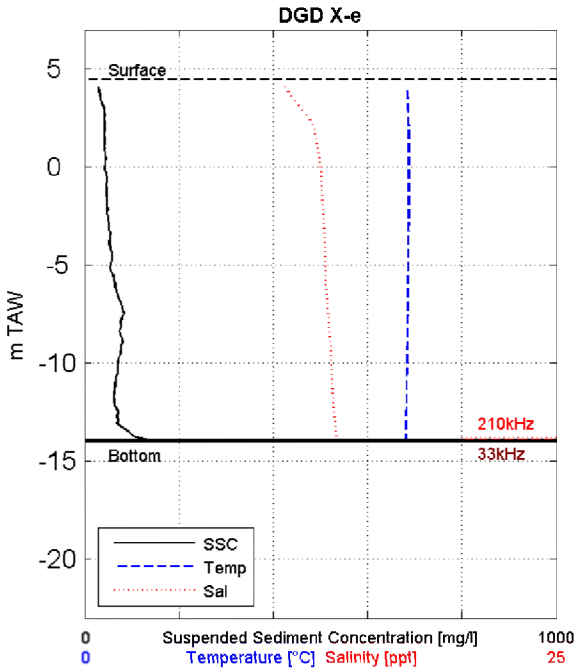
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.5 Location Xe

Through tide measurements Siltprofiler DGD Summer 2008

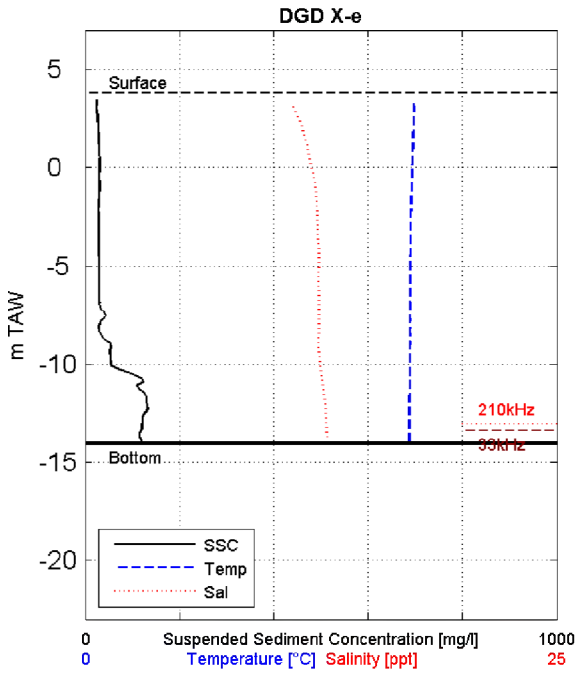
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8004 Xe_ctd.sil 8019 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 04:55
Time after/before HT [MET]:	1:45
Coordinates [UTM-ED50] Easting:	588718
Coordinates [UTM-ED50] Northing:	5684689
Water-Bottom Interface Siltpr. [m TAW]:	-13.99
Waterdepth 210 kHz Echo [m TAW]:	-13.78
Waterdepth 33 kHz Echo [m TAW]:	-13.89
Surface Elevation [m TAW]:	4.47

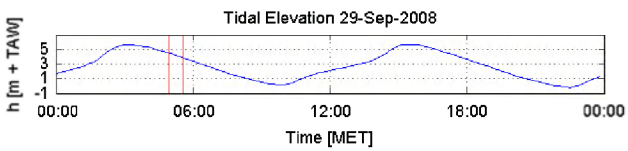
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.18	17.0	10.6	28
3.36	17.1	11.1	34
2.46	17.1	11.9	41
1.57	17.2	12.2	43
0.69	17.2	12.4	42
-0.20	17.2	12.5	43
-1.04	17.2	12.6	45
-1.92	17.2	12.6	49
-2.76	17.2	12.7	49
-3.64	17.1	12.7	54
-4.55	17.1	12.8	57
-5.43	17.1	12.8	59
-6.41	17.1	12.8	68
-7.18	17.1	12.9	79
-8.02	17.1	12.9	78
-8.83	17.1	13.0	80
-9.59	17.1	13.1	73
-10.40	17.1	13.1	69
-11.24	17.1	13.1	62
-12.07	17.1	13.2	63
-12.93	17.0	13.2	71
-13.79	17.1	13.3	108
-13.99	17.1	13.4	601
Depth Avg	**17.1**	**12.6**	**59**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:33
Time after/before HT [MET]:	2:23
Coordinates [UTM-ED50] Easting:	588741
Coordinates [UTM-ED50] Northing:	5684634
Water-Bottom Interface Siltpr. [m TAW]:	-14.05
Waterdepth 210 kHz Echo [m TAW]:	-13.02
Waterdepth 33 kHz Echo [m TAW]:	-13.40
Surface Elevation [m TAW]:	3.82

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.49	17.4	NaN	24
2.66	17.4	11.3	27
1.89	17.4	11.6	27
1.01	17.4	11.8	30
0.20	17.3	12.0	30
-0.66	17.3	12.2	30
-1.42	17.3	12.2	28
-2.24	17.3	12.3	28
-3.10	17.3	12.3	28
-3.96	17.2	12.4	28
-4.77	17.2	12.4	28
-5.62	17.2	12.4	28
-6.41	17.2	12.4	29
-7.24	17.2	12.4	37
-8.03	17.2	12.4	29
-8.87	17.2	12.4	49
-9.70	17.2	12.4	52
-10.46	17.2	12.5	97
-11.32	17.2	12.6	115
-12.09	17.2	12.7	132
-12.87	17.2	12.8	121
-13.66	17.2	12.8	115
-14.05	17.2	12.8	129
Depth Avg	**17.3**	**12.2**	**50**



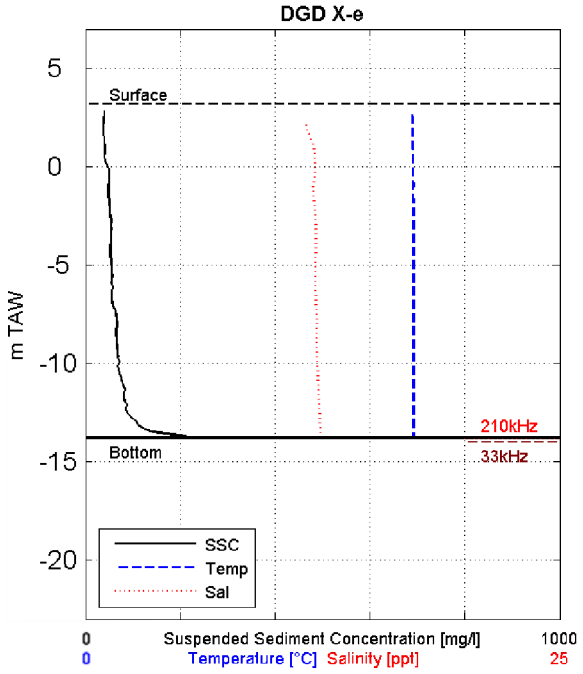
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

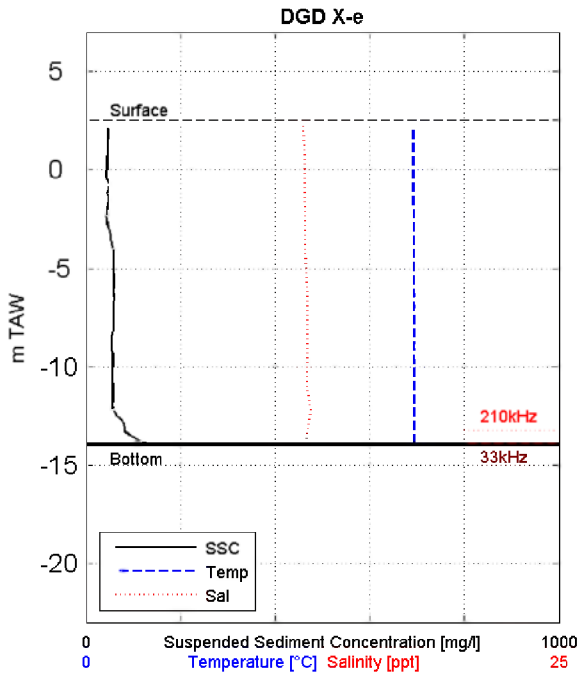
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8034 Xe_ctd.sil 8050 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:09
Time after/before HT [MET]:	2:59
Coordinates [UTM-ED50] Easting:	588741
Coordinates [UTM-ED50] Northing:	5684664
Water-Bottom Interface Siltpr. [m TAW]:	-13.81
Waterdepth 210 kHz Echo [m TAW]:	-13.86
Waterdepth 33 kHz Echo [m TAW]:	-14.01
Surface Elevation [m TAW]:	3.18

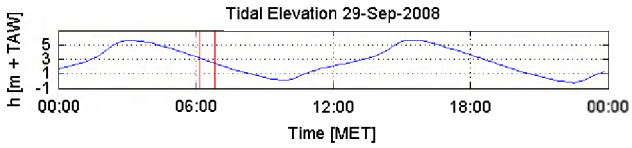
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.87	17.2	NaN	39
1.87	17.2	11.7	37
1.10	17.2	12.0	41
0.37	17.3	12.1	39
-0.30	17.3	12.1	48
-1.11	17.3	12.0	48
-1.92	17.3	12.1	51
-2.71	17.3	12.1	55
-3.47	17.3	12.2	51
-4.27	17.3	12.1	52
-5.14	17.3	12.1	54
-5.95	17.3	12.1	56
-6.74	17.3	12.1	57
-7.52	17.3	12.2	67
-8.28	17.3	12.2	63
-9.04	17.3	12.2	66
-9.88	17.3	12.2	72
-10.72	17.3	12.3	76
-11.45	17.3	12.3	81
-12.27	17.3	12.3	84
-13.08	17.3	12.4	106
-13.79	17.3	12.4	242
-13.81	17.3	12.4	238
Depth Avg	**17.3**	**12.1**	**62**



Siltprofiler

Date & Time [MET]:	29/9/2008 06:49
Time after/before HT [MET]:	3:39
Coordinates [UTM-ED50] Easting:	588723
Coordinates [UTM-ED50] Northing:	5684626
Water-Bottom Interface Siltpr. [m TAW]:	-13.95
Waterdepth 210 kHz Echo [m TAW]:	-13.23
Waterdepth 33 kHz Echo [m TAW]:	-13.89
Surface Elevation [m TAW]:	2.52

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.24	17.3	11.5	45
1.31	17.3	11.5	43
0.33	17.3	11.6	44
-0.61	17.3	11.6	49
-1.54	17.3	11.5	47
-2.43	17.3	11.5	42
-3.36	17.3	11.6	53
-4.19	17.3	11.6	57
-5.15	17.3	11.6	58
-6.09	17.3	11.7	58
-6.94	17.3	11.7	58
-7.85	17.3	11.7	57
-8.84	17.3	11.7	53
-9.72	17.3	11.7	58
-10.60	17.3	11.7	54
-11.51	17.3	11.7	56
-12.35	17.3	11.9	62
-13.24	17.3	11.7	77
-13.85	17.3	11.7	124
-13.87	17.4	11.7	138
-13.88	17.3	11.7	126
-13.90	17.3	11.7	149
-13.95	17.3	11.7	149
Depth Avg	**17.3**	**11.6**	**55**



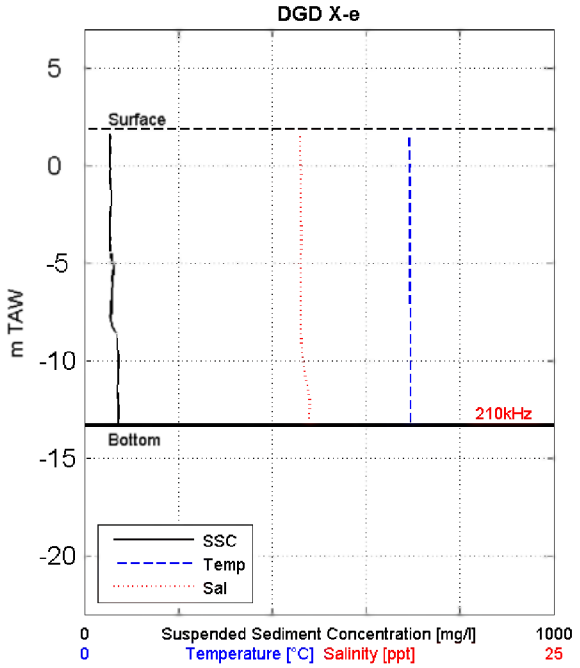
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

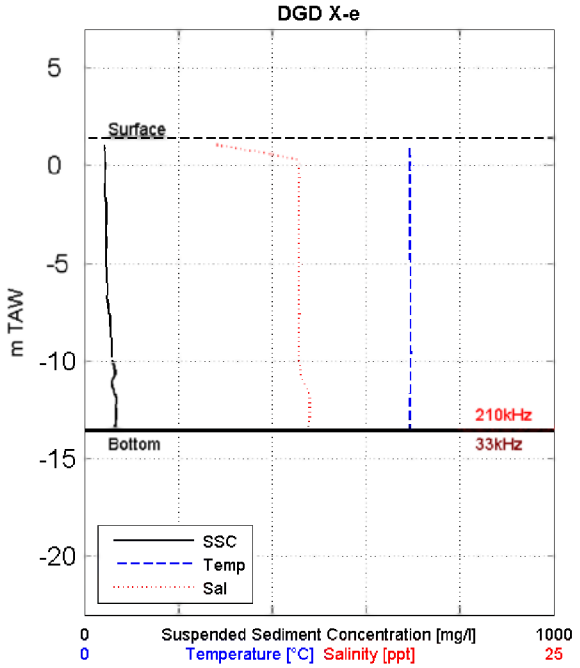
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8065 Xe_ctd.sil 8080 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:21
Time after/before HT [MET]:	4:11
Coordinates [UTM-ED50] Easting:	588718
Coordinates [UTM-ED50] Northing:	5684633
Water-Bottom Interface Siltpr. [m TAW]:	-13.32
Waterdepth 210 kHz Echo [m TAW]:	-13.37
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.90

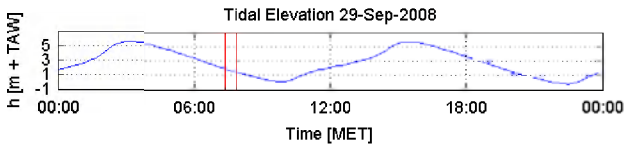
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.62	17.3	NaN	54
0.89	17.3	11.4	54
0.15	17.3	11.5	54
-0.74	17.3	11.5	56
-1.60	17.3	11.5	58
-2.40	17.3	11.5	55
-3.22	17.3	11.5	54
-4.05	17.3	11.5	55
-4.86	17.3	11.5	59
-5.67	17.3	11.5	58
-6.43	17.3	11.5	58
-7.24	17.3	11.5	57
-8.03	17.4	11.5	57
-8.79	17.4	11.5	69
-9.56	17.3	11.6	72
-10.37	17.3	11.7	72
-11.23	17.4	11.8	69
-12.07	17.3	12.0	72
-12.97	17.3	12.0	72
-13.25	17.3	12.0	72
-13.27	17.4	12.0	72
-13.29	17.4	12.0	73
-13.32	17.4	12.0	40
Depth Avg	**17.3**	**11.6**	**60**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:51
Time after/before HT [MET]:	4:41
Coordinates [UTM-ED50] Easting:	588747
Coordinates [UTM-ED50] Northing:	5684632
Water-Bottom Interface Siltpr. [m TAW]:	-13.55
Waterdepth 210 kHz Echo [m TAW]:	-13.47
Waterdepth 33 kHz Echo [m TAW]:	-13.55
Surface Elevation [m TAW]:	1.40

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.11	17.3	6.8	41
0.42	17.3	11.0	43
-0.28	17.3	11.4	43
-0.96	17.3	11.4	43
-1.67	17.3	11.5	45
-2.34	17.3	11.4	45
-3.03	17.4	11.4	46
-3.71	17.3	11.4	46
-4.43	17.3	11.5	45
-5.22	17.4	11.5	48
-5.97	17.3	11.4	48
-6.71	17.4	11.4	48
-7.45	17.4	11.4	51
-8.18	17.3	11.4	55
-8.88	17.3	11.4	56
-9.59	17.4	11.4	58
-10.25	17.4	11.4	62
-10.82	17.4	11.6	61
-11.50	17.4	11.9	61
-12.22	17.3	12.0	65
-12.93	17.3	12.0	67
-13.49	17.3	11.9	68
-13.55	17.3	11.9	69
Depth Avg	**17.3**	**11.3**	**52**



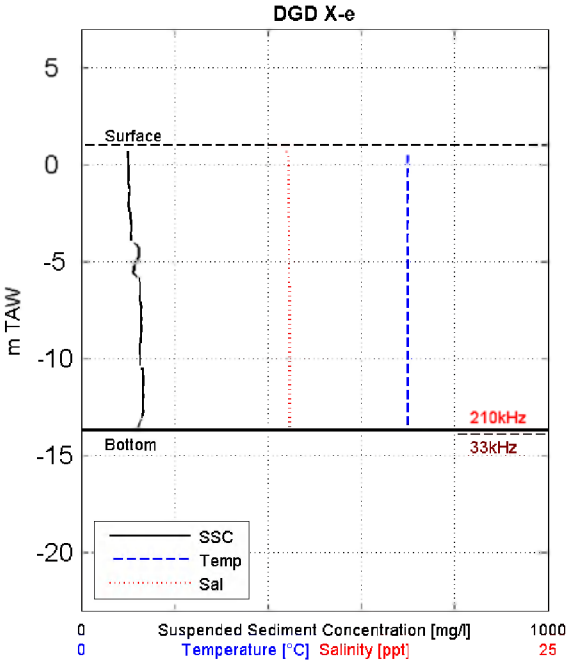
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

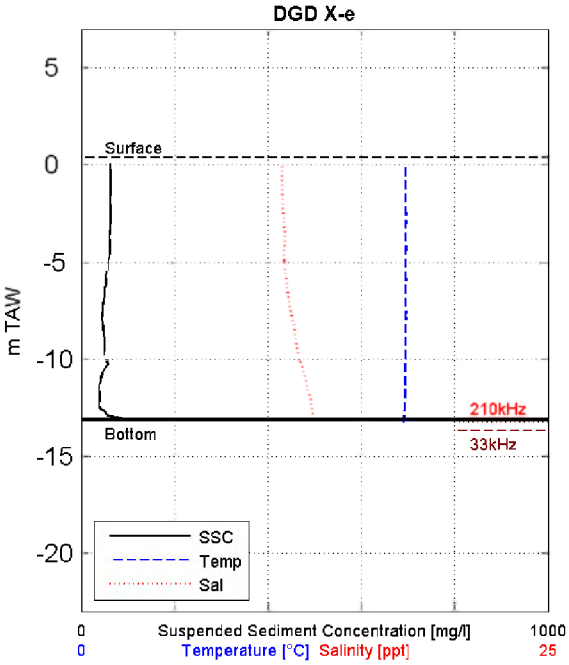
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8095 Xe_ctd.sil 8115 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:20
Time after/before HT [MET]:	5:10
Coordinates [UTM-ED50] Easting:	588753
Coordinates [UTM-ED50] Northing:	5684614
Water-Bottom Interface Siltpr. [m TAW]:	-13.70
Waterdepth 210 kHz Echo [m TAW]:	-13.74
Waterdepth 33 kHz Echo [m TAW]:	-13.88
Surface Elevation [m TAW]:	1.00

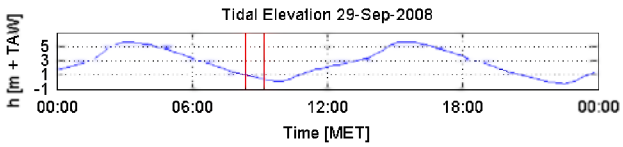
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.71	17.4	10.9	101
0.04	17.5	11.1	100
-0.77	17.4	11.1	102
-1.55	17.5	11.1	102
-2.37	17.5	11.1	103
-3.15	17.5	11.1	107
-3.94	17.5	11.1	106
-4.73	17.5	11.1	121
-5.39	17.4	11.1	111
-6.12	17.5	11.1	125
-6.87	17.4	11.1	124
-7.57	17.5	11.1	126
-8.29	17.5	11.2	128
-9.00	17.5	11.1	128
-9.67	17.5	11.2	124
-10.38	17.5	11.2	128
-11.09	17.5	11.2	134
-11.76	17.5	11.2	130
-12.45	17.5	11.2	131
-13.15	17.5	11.2	126
-13.58	17.5	11.1	122
-13.62	17.5	11.2	124
-13.70	17.5	11.2	126
Depth Avg	**17.5**	**11.1**	**118**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:11
Time after/before HT [MET]:	6:01
Coordinates [UTM-ED50] Easting:	588714
Coordinates [UTM-ED50] Northing:	5684636
Water-Bottom Interface Siltpr. [m TAW]:	-13.15
Waterdepth 210 kHz Echo [m TAW]:	-13.25
Waterdepth 33 kHz Echo [m TAW]:	-13.66
Surface Elevation [m TAW]:	0.39

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.08	17.4	NaN	61
-0.59	17.4	10.7	61
-1.28	17.4	10.7	62
-1.92	17.3	10.8	61
-2.55	17.4	10.8	62
-3.14	17.4	10.8	60
-3.84	17.4	10.9	60
-4.54	17.4	10.8	61
-5.29	17.3	10.9	55
-5.97	17.4	11.0	51
-6.71	17.4	11.1	49
-7.37	17.4	11.2	45
-8.08	17.4	11.3	44
-8.72	17.4	11.4	47
-9.41	17.3	11.5	51
-10.03	17.3	11.7	53
-10.66	17.3	11.9	45
-11.28	17.3	12.1	38
-11.87	17.3	12.2	40
-12.51	17.3	12.3	37
-13.05	17.3	12.5	64
-13.15	17.3	12.5	277
-13.15	17.3	12.5	165
Depth Avg	**17.4**	**11.2**	**53**



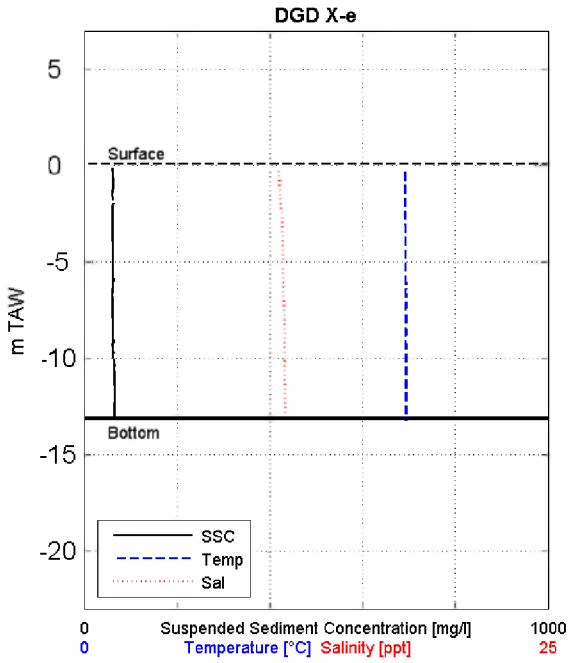
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

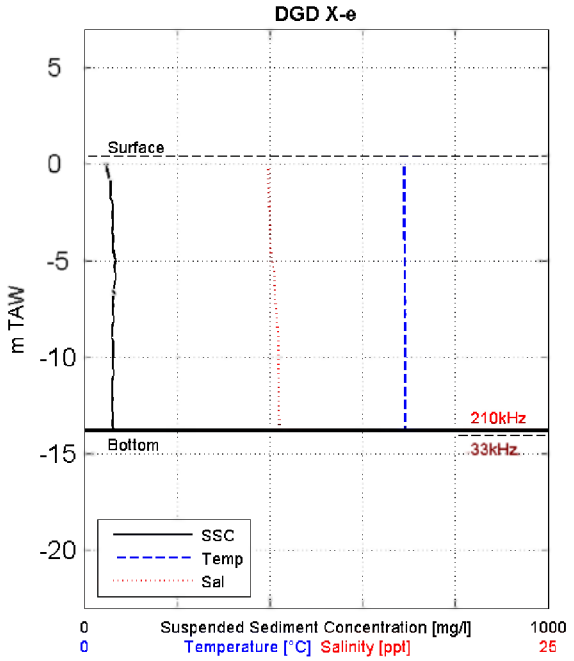
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8130 Xe_ctd.sil 8145 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:51
Time after/before HT [MET]:	0:01
Coordinates [UTM-ED50] Easting:	588701
Coordinates [UTM-ED50] Northing:	5684627
Water-Bottom Interface Siltpr. [m TAW]:	-13.13
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.12

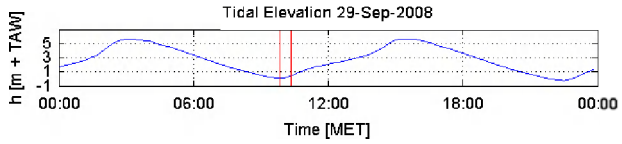
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.16	17.3	NaN	60
-0.79	17.3	10.5	62
-1.45	17.3	10.5	59
-2.02	17.3	10.6	62
-2.71	17.3	10.6	58
-3.27	17.3	10.7	62
-3.91	17.3	10.7	61
-4.55	17.3	10.7	60
-5.21	17.3	10.7	61
-5.80	17.3	10.7	61
-6.32	17.3	10.7	60
-6.91	17.3	10.7	61
-7.38	17.3	10.8	62
-7.99	17.3	10.8	62
-8.54	17.3	10.8	63
-9.10	17.3	10.8	62
-9.66	17.3	10.8	62
-10.18	17.3	10.8	64
-10.82	17.3	10.8	66
-11.48	17.3	10.8	66
-12.08	17.3	10.8	66
-12.73	17.3	10.8	63
-13.13	17.3	10.8	63
Depth Avg	**17.3**	**10.7**	**62**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:20
Time after/before HT [MET]:	0:30
Coordinates [UTM-ED50] Easting:	588756
Coordinates [UTM-ED50] Northing:	5684639
Water-Bottom Interface Siltpr. [m TAW]:	-13.83
Waterdepth 210 kHz Echo [m TAW]:	-13.83
Waterdepth 33 kHz Echo [m TAW]:	-14.05
Surface Elevation [m TAW]:	0.40

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.11	17.2	NaN	49
-0.80	17.2	9.9	54
-1.62	17.2	9.9	56
-2.55	17.2	10.0	60
-3.46	17.2	10.0	60
-4.37	17.3	10.0	62
-5.33	17.3	10.2	65
-6.18	17.3	10.2	63
-7.07	17.3	10.3	62
-7.96	17.3	10.4	64
-8.79	17.3	10.4	59
-9.18	17.3	10.4	62
-9.21	17.3	10.4	63
-9.33	17.3	10.4	66
-9.75	17.3	10.4	62
-10.44	17.3	10.4	60
-11.29	17.3	10.4	60
-12.06	17.3	10.4	60
-12.87	17.3	10.5	62
-13.65	17.3	10.5	60
-13.76	17.3	10.5	62
-13.78	17.3	10.5	65
-13.83	17.3	10.5	66
Depth Avg	**17.3**	**10.2**	**60**



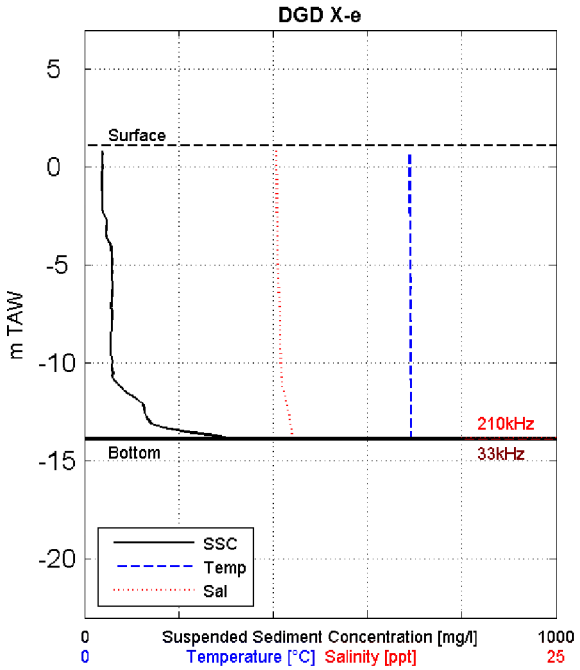
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

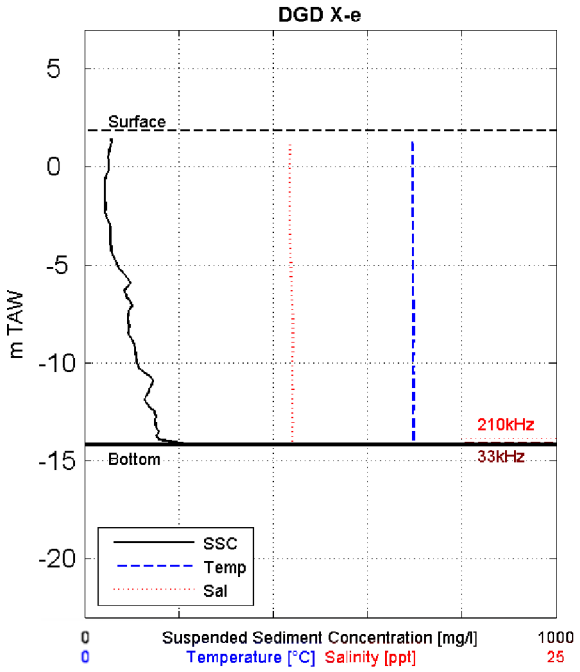
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8160 Xe_ctd.sil 8175 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:53
Time after/before HT [MET]:	1:03
Coordinates [UTM-ED50] Easting:	588751
Coordinates [UTM-ED50] Northing:	5684628
Water-Bottom Interface Siltpr. [m TAW]:	-13.87
Waterdepth 210 kHz Echo [m TAW]:	-13.77
Waterdepth 33 kHz Echo [m TAW]:	-13.91
Surface Elevation [m TAW]:	1.12

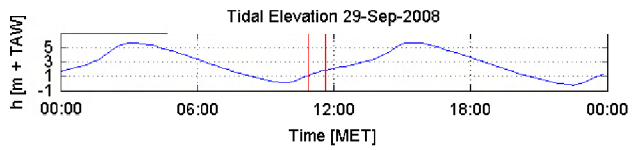
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.82	17.2	10.2	37
0.01	17.2	10.2	39
-0.77	17.2	10.2	38
-1.54	17.3	10.2	35
-2.25	17.3	10.2	40
-2.99	17.3	10.2	48
-3.75	17.3	10.2	51
-4.51	17.3	10.2	57
-5.20	17.3	10.2	58
-5.91	17.3	10.3	60
-6.62	17.3	10.3	56
-7.31	17.3	10.4	60
-8.04	17.3	10.4	57
-8.84	17.3	10.4	55
-9.65	17.3	10.4	56
-10.35	17.3	10.4	60
-11.05	17.3	10.5	70
-11.74	17.3	10.6	107
-12.49	17.3	10.8	125
-13.16	17.3	10.9	144
-13.77	17.3	11.0	290
-13.84	17.3	11.0	298
-13.87	17.3	11.0	313
Depth Avg	**17.3**	**10.4**	**67**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:38
Time after/before HT [MET]:	1:48
Coordinates [UTM-ED50] Easting:	588760
Coordinates [UTM-ED50] Northing:	5684656
Water-Bottom Interface Siltpr. [m TAW]:	-14.21
Waterdepth 210 kHz Echo [m TAW]:	-13.84
Waterdepth 33 kHz Echo [m TAW]:	-14.05
Surface Elevation [m TAW]:	1.84

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.55	17.4	NaN	56
0.63	17.4	10.9	51
-0.33	17.4	10.9	45
-1.33	17.4	10.9	41
-2.34	17.4	10.9	45
-3.35	17.4	10.9	55
-4.30	17.4	10.9	57
-5.21	17.4	11.0	73
-6.08	17.4	11.0	97
-6.13	17.4	11.0	95
-6.17	17.4	11.0	92
-6.39	17.4	11.0	83
-6.94	17.4	11.0	100
-7.79	17.4	11.1	91
-8.66	17.4	11.0	95
-9.56	17.4	11.0	107
-10.42	17.4	11.0	123
-11.26	17.4	11.0	139
-12.12	17.4	11.0	134
-12.96	17.4	11.0	149
-13.87	17.4	11.0	155
-14.14	17.4	11.0	252
-14.21	17.4	11.0	262
Depth Avg	**17.4**	**11.0**	**89**



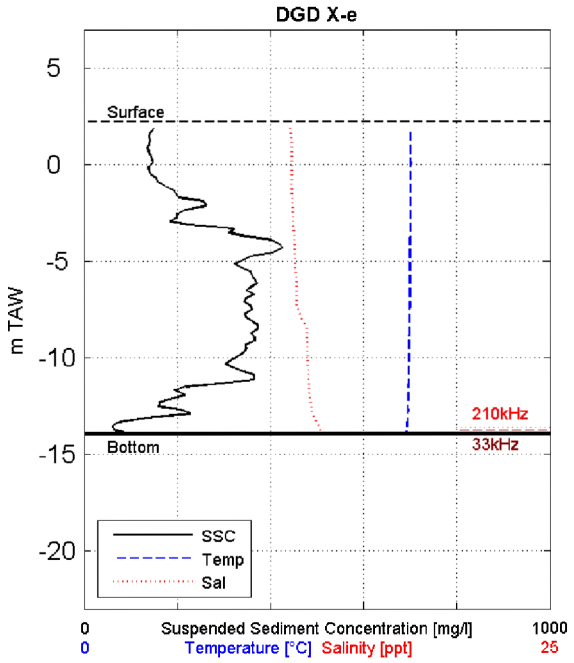
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

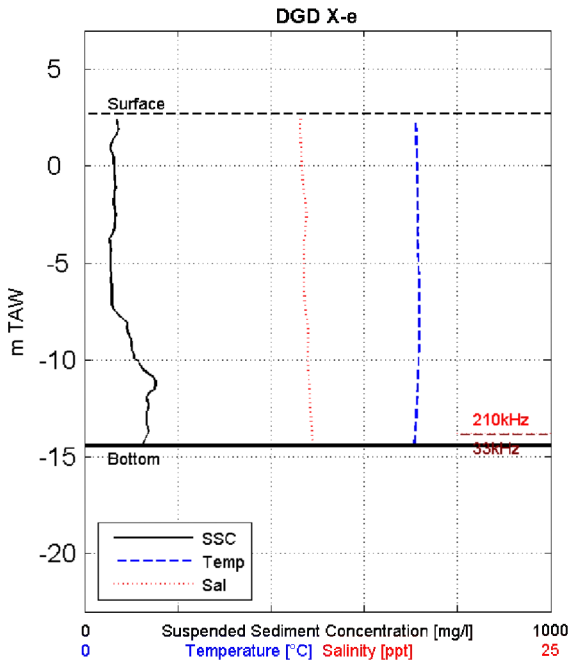
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8190 Xe_ctd.sil 8210 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:12
Time after/before HT [MET]:	2:22
Coordinates [UTM-ED50] Easting:	588728
Coordinates [UTM-ED50] Northing:	5684617
Water-Bottom Interface Siltpr. [m TAW]:	-13.92
Waterdepth 210 kHz Echo [m TAW]:	-13.58
Waterdepth 33 kHz Echo [m TAW]:	-13.74
Surface Elevation [m TAW]:	2.23

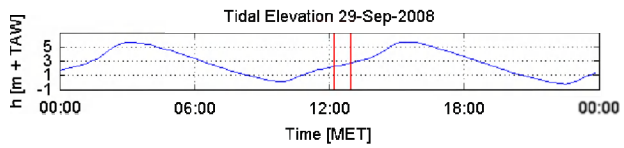
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.91	17.5	11.0	155
1.22	17.5	11.1	137
0.39	17.5	11.2	144
-0.47	17.5	11.1	142
-1.35	17.5	11.1	197
-2.22	17.5	11.2	233
-3.00	17.5	11.2	179
-3.79	17.5	11.3	385
-4.58	17.4	11.3	408
-5.32	17.5	11.3	332
-6.07	17.5	11.4	371
-6.84	17.4	11.4	351
-7.72	17.4	11.6	339
-8.60	17.4	11.9	368
-9.49	17.4	12.0	347
-10.35	17.4	12.0	300
-11.17	17.4	12.0	361
-11.97	17.4	12.1	220
-12.91	17.4	12.3	218
-13.75	17.3	12.7	88
-13.86	17.3	12.7	75
-13.92	17.2	12.8	86
Depth Avg	**17.5**	**11.6**	**261**



Siltprofiler

Date & Time [MET]:	29/9/2008 12:57
Time after/before HT [MET]:	3:07
Coordinates [UTM-ED50] Easting:	588761
Coordinates [UTM-ED50] Northing:	5684655
Water-Bottom Interface Siltpr. [m TAW]:	-14.41
Waterdepth 210 kHz Echo [m TAW]:	-13.80
Waterdepth 33 kHz Echo [m TAW]:	-13.86
Surface Elevation [m TAW]:	2.72

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.43	17.8	11.6	69
1.54	17.8	11.6	60
0.71	17.8	11.6	59
-0.13	17.8	11.7	63
-0.97	17.9	11.7	67
-1.83	17.9	11.8	63
-2.64	17.9	11.9	64
-3.45	17.9	11.8	60
-4.26	17.9	11.8	58
-5.09	17.9	11.8	53
-5.93	17.9	11.8	57
-6.74	17.9	11.8	59
-7.48	18.0	11.8	68
-8.29	18.0	12.0	89
-9.10	17.9	12.0	101
-9.93	17.9	12.0	107
-10.72	17.9	12.0	138
-11.46	17.8	12.0	154
-12.27	17.8	12.1	138
-13.08	17.8	12.1	134
-13.86	17.7	12.2	137
-14.34	17.7	12.4	124
-14.41	17.6	12.4	121
Depth Avg	**17.9**	**11.9**	**85**



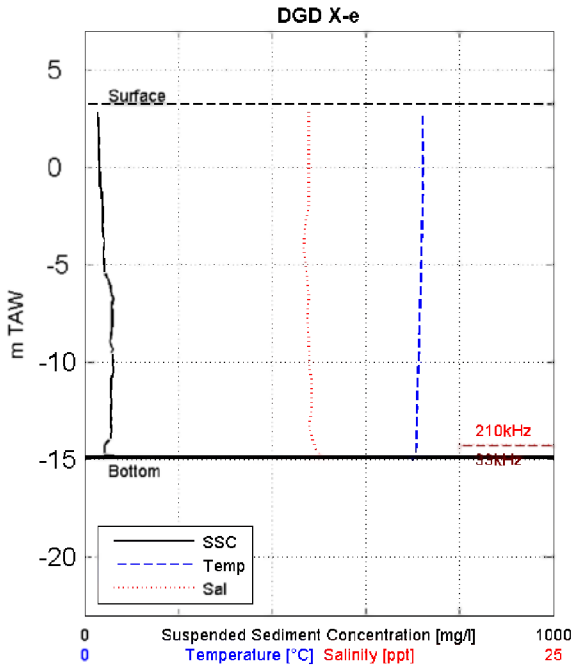
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

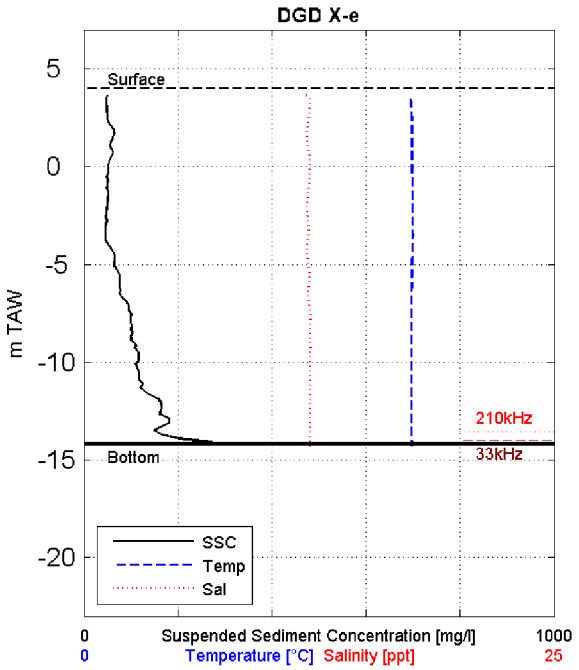
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8225 Xe_ctd.sil 8240 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:35
Time after/before HT [MET]:	3:45
Coordinates [UTM-ED50] Easting:	588765
Coordinates [UTM-ED50] Northing:	5684644
Water-Bottom Interface Siltpr. [m TAW]:	-14.88
Waterdepth 210 kHz Echo [m TAW]:	-14.21
Waterdepth 33 kHz Echo [m TAW]:	-14.30
Surface Elevation [m TAW]:	3.21

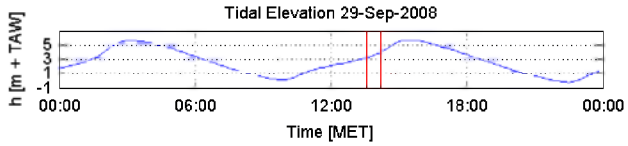
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.86	18.0	11.9	28
2.00	18.0	11.9	28
1.11	18.0	11.9	30
0.21	18.0	11.9	31
-0.53	18.0	11.9	32
-1.34	18.0	11.9	37
-2.18	18.0	11.9	40
-3.07	18.0	11.7	39
-3.98	17.9	11.7	43
-4.84	17.9	11.8	43
-5.65	17.9	11.9	50
-6.50	17.9	11.9	58
-7.34	17.9	11.9	58
-8.18	17.9	11.9	56
-9.06	17.8	11.9	56
-9.87	17.8	11.9	60
-10.59	17.8	12.0	59
-11.32	17.7	12.1	56
-12.19	17.7	12.1	57
-13.05	17.7	12.0	54
-13.80	17.7	12.1	55
-14.57	17.6	12.4	43
-14.88	17.6	12.6	261
Depth Avg	**17.9**	**11.9**	**46**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:12
Time after/before HT [MET]:	4:22
Coordinates [UTM-ED50] Easting:	588744
Coordinates [UTM-ED50] Northing:	5684621
Water-Bottom Interface Siltpr. [m TAW]:	-14.18
Waterdepth 210 kHz Echo [m TAW]:	-13.54
Waterdepth 33 kHz Echo [m TAW]:	-13.99
Surface Elevation [m TAW]:	4.00

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.68	17.3	11.7	49
2.80	17.4	12.0	48
1.89	17.4	11.9	63
1.01	17.4	11.9	52
0.14	17.4	12.0	52
-0.82	17.4	12.0	52
-1.68	17.4	11.9	51
-2.46	17.4	11.9	46
-3.25	17.4	12.0	45
-4.08	17.5	11.9	55
-4.85	17.4	11.9	65
-5.71	17.4	12.0	74
-6.44	17.4	11.9	76
-7.21	17.4	12.0	95
-8.04	17.4	12.0	100
-8.87	17.4	12.0	99
-9.69	17.4	12.0	117
-10.45	17.4	12.0	119
-11.29	17.4	12.0	117
-12.15	17.4	12.0	163
-12.96	17.4	12.0	195
-13.82	17.4	12.0	177
-14.18	17.4	12.0	300
Depth Avg	**17.4**	**12.0**	**86**



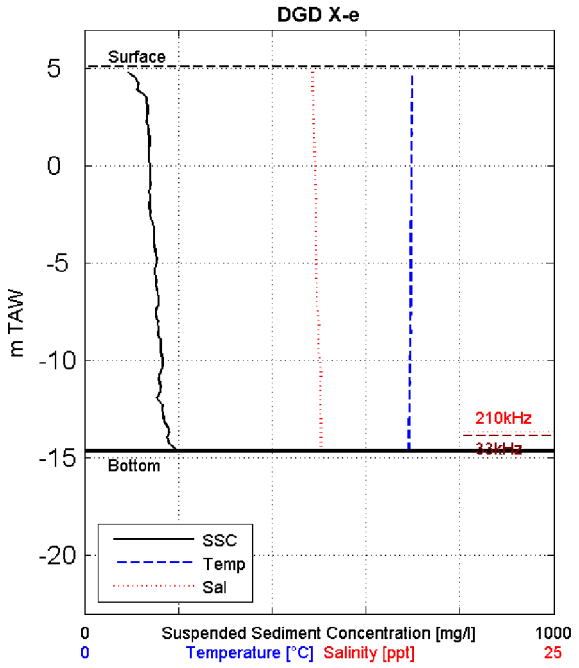
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

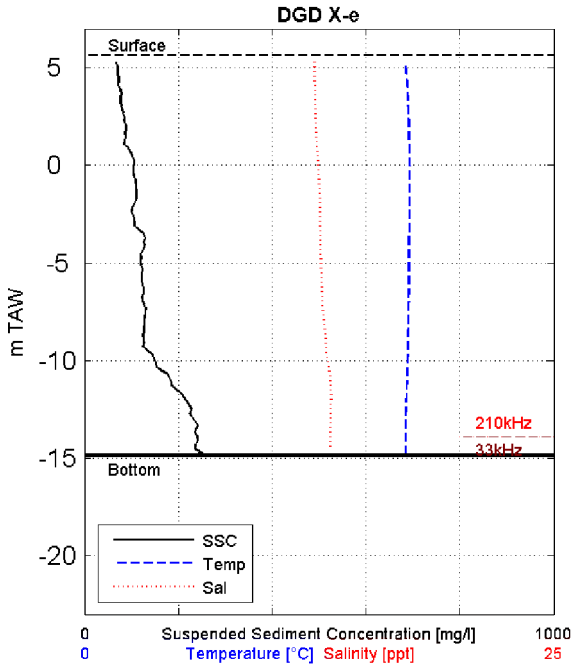
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8255 Xe_ctd.sil 8270 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 14:46
Time after/before HT [MET]:	4:56
Coordinates [UTM-ED50] Easting:	588751
Coordinates [UTM-ED50] Northing:	5684621
Water-Bottom Interface Siltpr. [m TAW]:	-14.68
Waterdepth 210 kHz Echo [m TAW]:	-13.64
Waterdepth 33 kHz Echo [m TAW]:	-13.82
Surface Elevation [m TAW]:	5.11

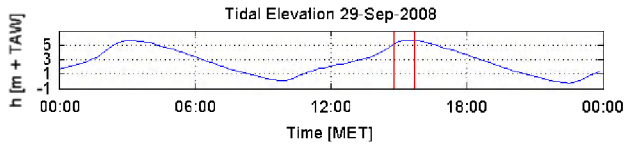
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.81	17.4	12.2	94
3.78	17.4	12.1	121
2.74	17.4	12.2	134
1.67	17.4	12.2	137
0.75	17.4	12.2	138
-0.23	17.4	12.3	137
-1.21	17.4	12.3	138
-2.25	17.4	12.4	141
-3.30	17.4	12.3	147
-4.38	17.4	12.3	149
-5.34	17.4	12.3	147
-6.30	17.3	12.3	157
-7.33	17.4	12.4	153
-8.34	17.4	12.5	159
-9.28	17.3	12.4	162
-10.26	17.3	12.6	167
-11.16	17.3	12.6	159
-12.13	17.3	12.6	160
-13.04	17.3	12.6	166
-13.97	17.3	12.6	175
-14.60	17.3	NaN	205
-14.66	17.3	NaN	207
-14.68	17.3	NaN	195
Depth Avg	**17.4**	**12.4**	**148**



Siltprofiler

Date & Time [MET]:	29/9/2008 15:40
Time after/before HT [MET]:	5:50
Coordinates [UTM-ED50] Easting:	588741
Coordinates [UTM-ED50] Northing:	5684625
Water-Bottom Interface Siltpr. [m TAW]:	-14.88
Waterdepth 210 kHz Echo [m TAW]:	-13.90
Waterdepth 33 kHz Echo [m TAW]:	-13.89
Surface Elevation [m TAW]:	5.64

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.35	17.1	12.2	69
4.16	17.2	12.3	73
2.99	17.3	12.3	79
1.93	17.3	12.3	91
0.89	17.3	12.4	95
-0.06	17.4	12.4	104
-1.17	17.3	12.5	109
-2.33	17.3	12.6	101
-3.33	17.3	12.6	118
-4.37	17.3	12.6	120
-5.40	17.3	12.6	123
-6.42	17.3	12.6	126
-7.39	17.3	12.7	132
-8.37	17.3	12.8	126
-9.35	17.2	12.9	126
-10.31	17.2	13.0	151
-11.25	17.1	13.1	186
-12.11	17.1	13.1	219
-13.04	17.1	13.1	233
-14.05	17.1	13.1	242
-14.78	17.1	NaN	246
-14.81	17.1	NaN	391
-14.88	17.1	NaN	348
Depth Avg	**17.2**	**12.6**	**131**



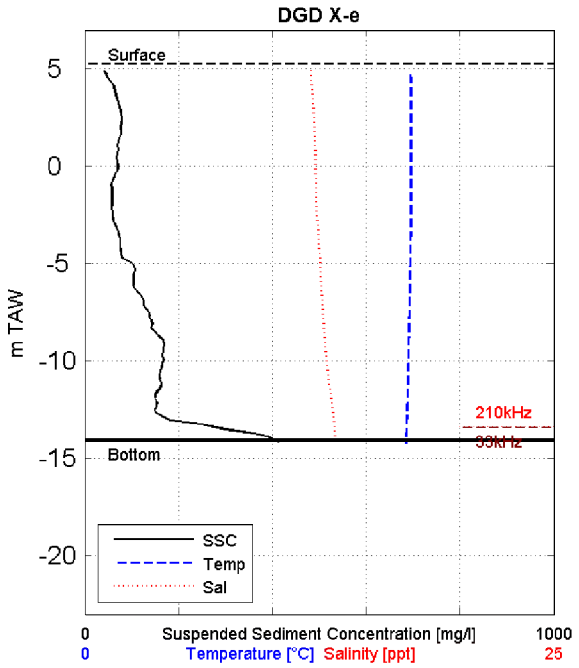
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

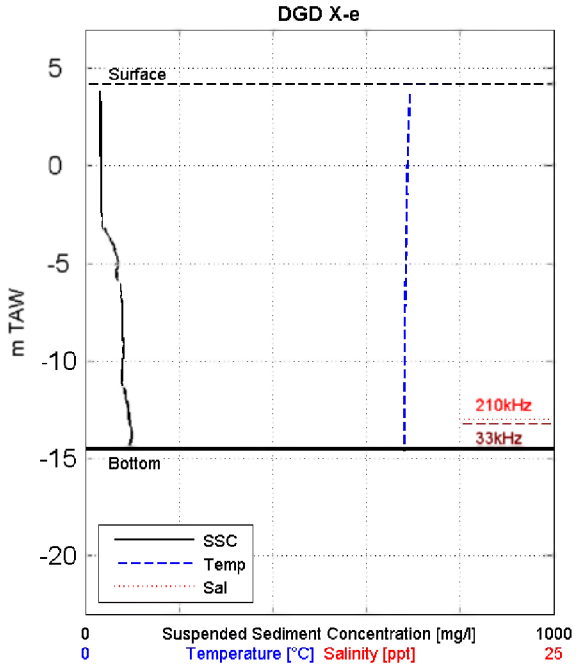
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8285 Xe_ctd.sil 8315 Xe_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:19
Time after/before HT [MET]:	6:29
Coordinates [UTM-ED50] Easting:	588730
Coordinates [UTM-ED50] Northing:	5684650
Water-Bottom Interface Siltpr. [m TAW]:	-14.08
Waterdepth 210 kHz Echo [m TAW]:	-13.36
Waterdepth 33 kHz Echo [m TAW]:	-13.41
Surface Elevation [m TAW]:	5.24

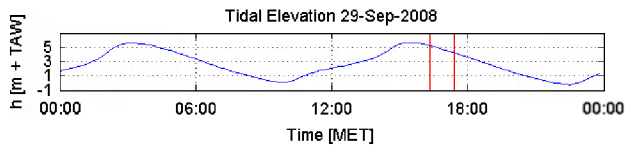
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.94	17.4	12.1	41
4.15	17.4	12.1	62
3.32	17.4	12.2	70
2.53	17.4	12.2	80
1.67	17.4	12.3	79
0.76	17.4	12.3	69
-0.07	17.4	12.3	70
-0.94	17.4	12.3	56
-1.80	17.4	12.3	58
-2.77	17.4	12.4	62
-3.69	17.4	12.5	73
-4.50	17.4	12.5	79
-5.43	17.3	12.6	107
-6.34	17.3	12.6	109
-7.27	17.3	12.7	128
-8.21	17.3	12.7	141
-9.19	17.2	12.8	170
-10.22	17.3	12.9	163
-11.18	17.2	13.0	164
-12.12	17.2	13.2	158
-13.05	17.1	13.3	175
-14.01	17.1	13.4	409
-14.08	17.1	13.4	446
Depth Avg	**17.3**	**12.6**	**112**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:25
Time after/before HT [MET]:	7:35
Coordinates [UTM-ED50] Easting:	588712
Coordinates [UTM-ED50] Northing:	5684624
Water-Bottom Interface Siltpr. [m TAW]:	-14.53
Waterdepth 210 kHz Echo [m TAW]:	-13.00
Waterdepth 33 kHz Echo [m TAW]:	-13.26
Surface Elevation [m TAW]:	4.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.90	17.3	NaN	31
2.96	17.3	NaN	32
2.00	17.3	NaN	33
1.07	17.2	NaN	33
0.28	17.2	NaN	32
-0.68	17.2	NaN	32
-1.53	17.1	NaN	33
-2.34	17.1	NaN	34
-3.14	17.1	NaN	37
-4.00	17.1	NaN	59
-4.88	17.1	NaN	67
-5.79	17.1	NaN	66
-6.69	17.1	NaN	77
-7.56	17.1	NaN	80
-8.49	17.0	NaN	79
-9.37	17.0	NaN	80
-10.28	17.1	NaN	79
-11.14	17.0	NaN	77
-12.03	17.1	NaN	88
-12.96	17.0	NaN	92
-13.85	17.0	NaN	101
-14.51	17.0	NaN	99
-14.53	17.0	NaN	97
Depth Avg	**17.1**	**NaN**	**60**



Data Processed by: IMDC

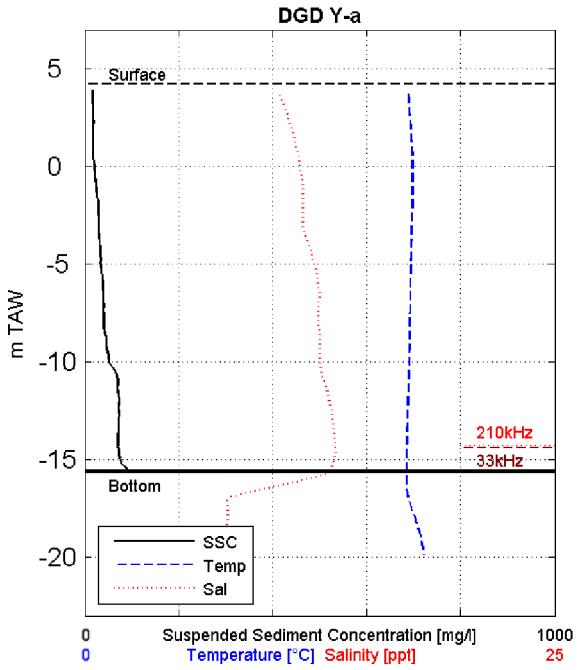
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.6 Location Ya

Through tide measurements Siltprofiler DGD Summer 2008

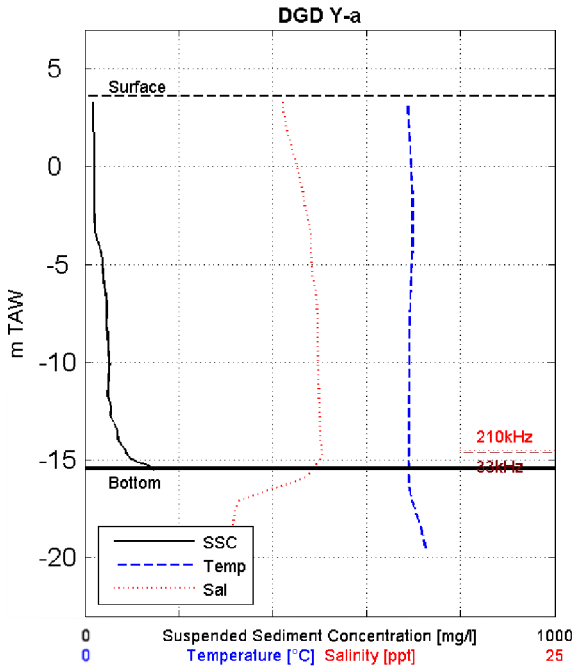
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8009 Ya_ctd.sil 8024 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:10
Time after/before HT [MET]:	2:00
Coordinates [UTM-ED50] Easting:	588597
Coordinates [UTM-ED50] Northing:	5684242
Water-Bottom Interface Siltpr. [m TAW]:	-15.63
Waterdepth 210 kHz Echo [m TAW]:	-14.28
Waterdepth 33 kHz Echo [m TAW]:	-14.36
Surface Elevation [m TAW]:	4.23

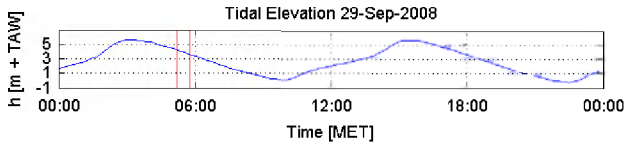
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.93	17.2	NaN	16
2.73	17.3	10.8	16
1.58	17.4	11.1	18
0.34	17.4	11.4	20
-0.91	17.4	11.6	24
-2.08	17.4	11.6	28
-3.14	17.4	11.6	31
-4.25	17.3	12.0	33
-5.52	17.3	12.3	39
-6.80	17.3	12.5	38
-8.04	17.3	12.5	42
-9.22	17.3	12.5	47
-9.63	17.2	12.5	47
-9.66	17.3	12.5	48
-9.81	17.3	12.5	52
-10.02	17.3	12.5	49
-10.34	17.3	12.6	62
-11.10	17.2	12.8	72
-12.16	17.2	13.0	72
-13.27	17.1	13.2	72
-14.32	17.1	13.3	70
-15.40	17.1	13.1	85
-15.63	17.1	13.0	104
Depth Avg	**17.3**	**12.1**	**42**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:46
Time after/before HT [MET]:	2:36
Coordinates [UTM-ED50] Easting:	588588
Coordinates [UTM-ED50] Northing:	5684214
Water-Bottom Interface Siltpr. [m TAW]:	-15.46
Waterdepth 210 kHz Echo [m TAW]:	-14.53
Waterdepth 33 kHz Echo [m TAW]:	-14.62
Surface Elevation [m TAW]:	3.61

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.31	17.1	10.5	17
2.35	17.2	10.6	18
1.47	17.3	10.9	21
0.56	17.3	11.1	16
-0.47	17.4	11.4	18
-1.34	17.4	11.6	17
-2.24	17.4	11.8	21
-3.17	17.4	12.0	19
-4.08	17.4	12.0	28
-4.94	17.4	12.1	38
-5.80	17.3	12.2	38
-6.76	17.3	12.3	45
-7.67	17.3	12.4	45
-8.53	17.3	12.4	48
-9.40	17.2	12.4	51
-10.21	17.3	12.4	51
-11.07	17.2	12.4	51
-11.87	17.2	12.4	52
-12.71	17.2	12.5	55
-13.52	17.2	12.5	67
-14.36	17.3	12.6	82
-15.25	17.2	12.3	134
-15.46	17.2	12.1	147
Depth Avg	**17.3**	**11.9**	**41**



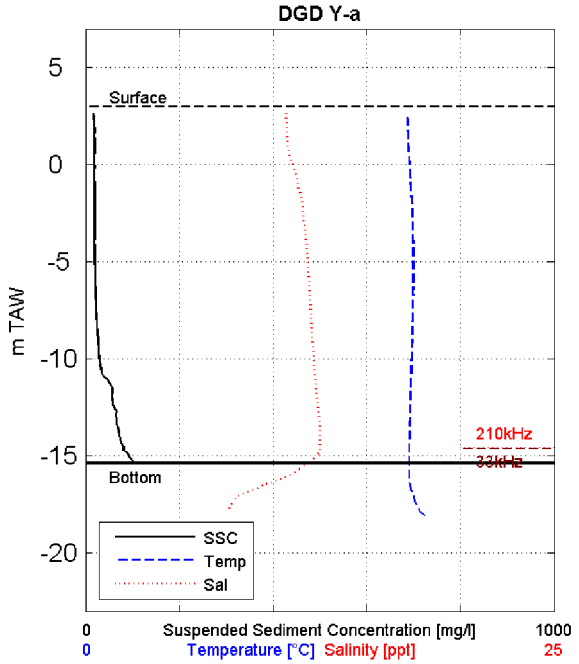
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

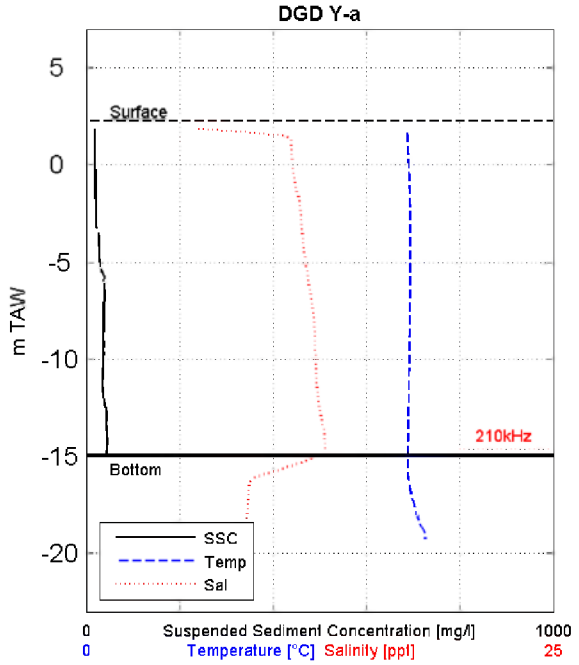
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8039 Ya_ctd.sil 8055 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:20
Time after/before HT [MET]:	3:10
Coordinates [UTM-ED50] Easting:	588615
Coordinates [UTM-ED50] Northing:	5684206
Water-Bottom Interface Siltpr. [m TAW]:	-15.38
Waterdepth 210 kHz Echo [m TAW]:	-14.54
Waterdepth 33 kHz Echo [m TAW]:	-14.59
Surface Elevation [m TAW]:	2.99

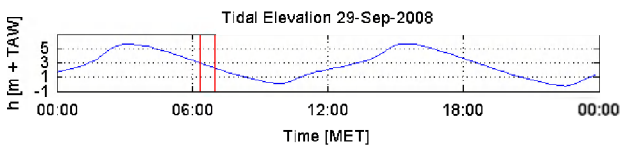
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.67	17.2	10.7	16
1.69	17.2	10.7	19
0.75	17.2	10.8	17
-0.16	17.3	11.1	18
-0.92	17.3	11.3	19
-1.86	17.4	11.5	19
-2.86	17.4	11.6	17
-3.62	17.5	11.7	18
-4.44	17.5	11.8	19
-5.29	17.5	11.9	19
-6.18	17.5	11.9	20
-7.04	17.5	12.0	21
-7.90	17.4	12.0	23
-8.71	17.4	12.1	25
-9.55	17.4	12.1	28
-10.33	17.4	12.2	31
-11.10	17.4	12.2	49
-11.88	17.3	12.3	56
-12.64	17.3	12.4	66
-13.48	17.3	12.5	69
-14.24	17.3	12.5	75
-15.01	17.3	12.3	92
-15.38	17.2	11.8	431
Depth Avg	**17.4**	**11.8**	**32**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:00
Time after/before HT [MET]:	3:50
Coordinates [UTM-ED50] Easting:	588598
Coordinates [UTM-ED50] Northing:	5684240
Water-Bottom Interface Siltpr. [m TAW]:	-14.96
Waterdepth 210 kHz Echo [m TAW]:	-14.63
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.90	17.1	5.3	18
1.10	17.2	10.9	14
0.34	17.2	11.0	17
-0.39	17.3	11.1	17
-1.16	17.3	11.2	21
-1.84	17.3	11.4	21
-2.61	17.3	11.5	21
-3.42	17.4	11.5	25
-4.28	17.3	11.6	27
-5.08	17.3	11.7	30
-5.92	17.4	11.9	35
-6.76	17.3	12.0	41
-7.67	17.3	12.1	37
-8.46	17.3	12.2	37
-9.17	17.3	12.2	36
-9.96	17.3	12.3	35
-10.72	17.3	12.3	37
-11.50	17.3	12.4	36
-12.33	17.3	12.4	38
-13.07	17.2	12.6	45
-13.86	17.2	12.7	43
-14.62	17.2	12.8	42
-14.96	17.2	12.6	44
Depth Avg	**17.3**	**11.7**	**30**



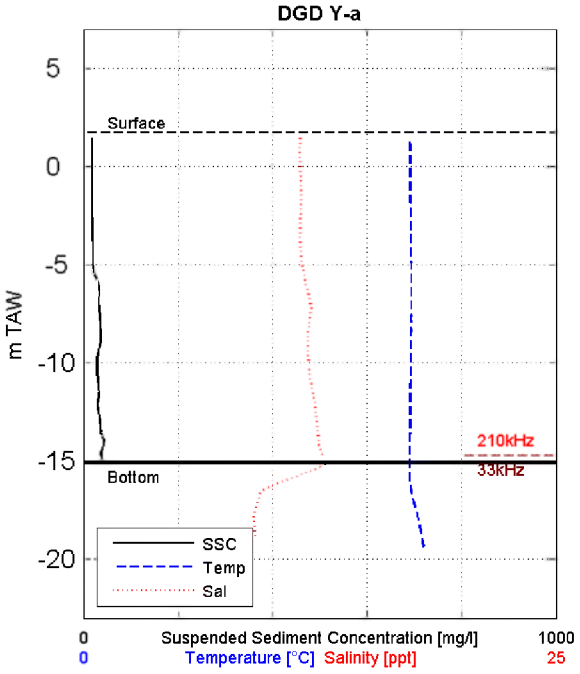
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

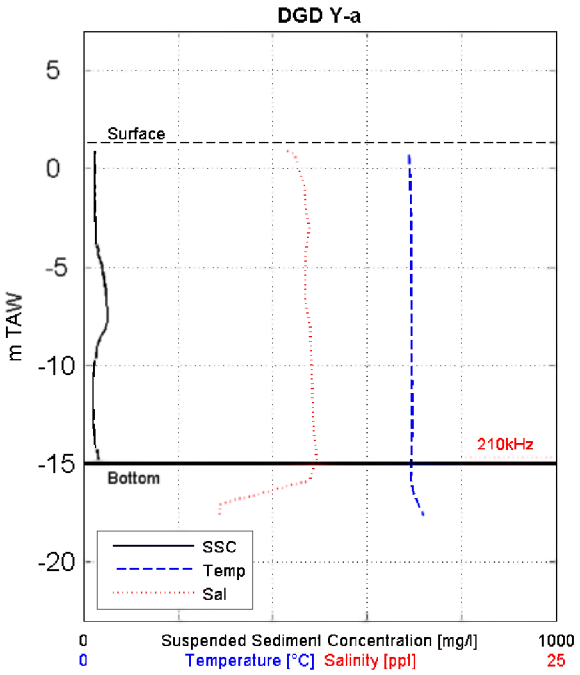
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8070 Ya_ctd.sil 8085 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:31
Time after/before HT [MET]:	4:21
Coordinates [UTM-ED50] Easting:	588595
Coordinates [UTM-ED50] Northing:	5684238
Water-Bottom Interface Siltpr. [m TAW]:	-15.09
Waterdepth 210 kHz Echo [m TAW]:	-14.64
Waterdepth 33 kHz Echo [m TAW]:	-14.72
Surface Elevation [m TAW]:	1.73

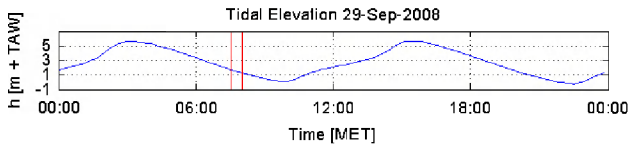
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.45	17.2	11.4	18
0.64	17.3	11.4	14
-0.21	17.3	11.4	18
-0.98	17.3	11.5	17
-1.72	17.3	11.5	17
-2.46	17.3	11.5	18
-3.31	17.3	11.4	19
-4.07	17.3	11.4	17
-4.77	17.3	11.5	19
-5.52	17.3	11.7	24
-6.36	17.3	11.9	34
-7.20	17.4	12.0	32
-8.03	17.3	11.9	34
-8.82	17.3	11.9	36
-9.61	17.3	11.9	30
-10.36	17.3	11.9	28
-11.13	17.3	12.0	30
-11.89	17.3	12.2	30
-12.67	17.3	12.3	32
-13.41	17.3	12.4	35
-14.13	17.3	12.4	40
-14.86	17.3	12.7	37
-15.09	17.2	12.8	9601
Depth Avg	**17.3**	**11.8**	**36**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:01
Time after/before HT [MET]:	4:51
Coordinates [UTM-ED50] Easting:	588604
Coordinates [UTM-ED50] Northing:	5684191
Water-Bottom Interface Siltpr. [m TAW]:	-15.02
Waterdepth 210 kHz Echo [m TAW]:	-14.70
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.29

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.99	17.2	9.4	25
0.34	17.3	11.3	24
-0.31	17.3	11.5	24
-0.93	17.3	11.7	23
-1.72	17.3	11.7	23
-2.55	17.3	11.9	24
-3.34	17.3	11.9	26
-4.20	17.3	11.7	31
-5.04	17.3	11.7	40
-5.87	17.4	11.7	43
-6.59	17.3	11.7	47
-7.34	17.3	11.9	49
-7.96	17.3	12.0	45
-8.57	17.3	12.0	34
-9.21	17.3	12.0	27
-9.86	17.3	12.0	23
-10.61	17.4	12.1	20
-11.35	17.4	12.1	19
-12.16	17.4	12.1	21
-13.02	17.4	12.2	19
-13.79	17.4	12.2	23
-14.55	17.3	12.3	28
-15.02	17.3	12.2	35
Depth Avg	**17.3**	**11.9**	**29**



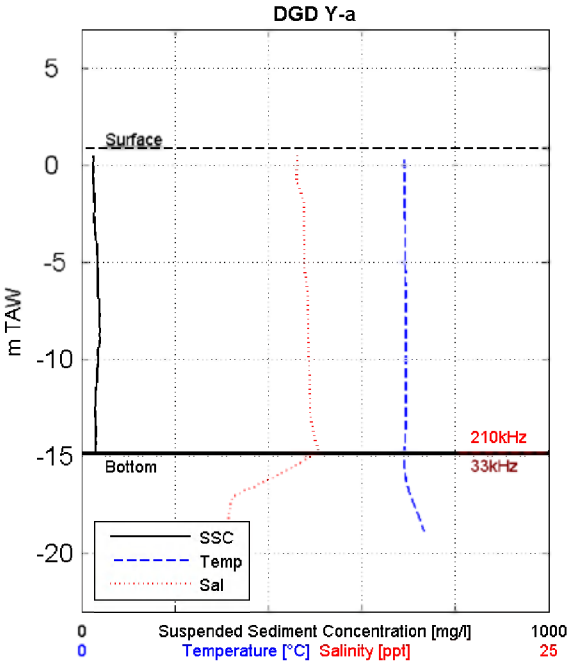
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

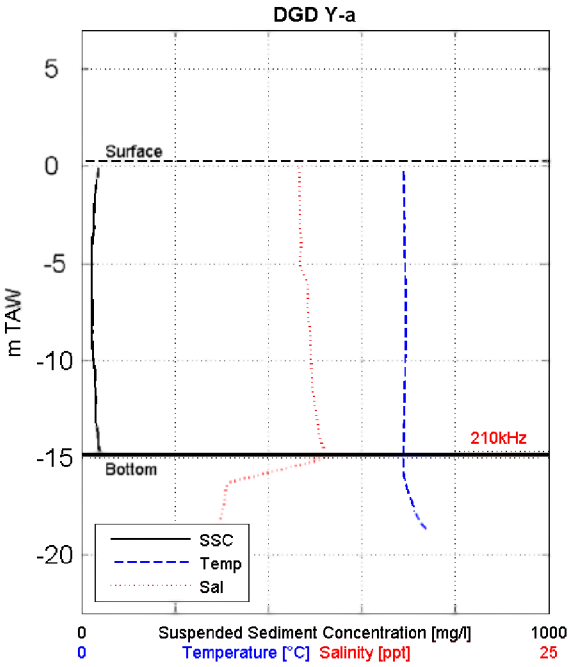
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8100 Ya_ctd.sil 8120 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:30
Time after/before HT [MET]:	5:20
Coordinates [UTM-ED50] Easting:	588591
Coordinates [UTM-ED50] Northing:	5684203
Water-Bottom Interface Siltpr. [m TAW]:	-14.83
Waterdepth 210 kHz Echo [m TAW]:	-14.69
Waterdepth 33 kHz Echo [m TAW]:	-14.79
Surface Elevation [m TAW]:	0.87

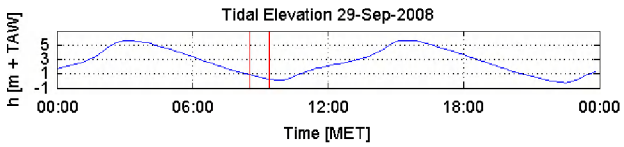
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.58	17.3	NaN	24
-0.19	17.3	11.5	24
-0.94	17.3	11.6	24
-1.59	17.3	11.8	27
-2.35	17.3	11.9	27
-3.06	17.3	11.9	27
-3.77	17.3	11.9	30
-4.44	17.3	11.9	32
-5.22	17.3	11.9	34
-6.01	17.3	12.0	34
-6.77	17.3	12.1	35
-7.49	17.3	12.1	39
-8.25	17.3	12.1	36
-9.00	17.3	12.1	39
-9.69	17.3	12.1	35
-10.34	17.3	12.2	35
-10.97	17.3	12.2	34
-11.69	17.4	12.2	30
-12.37	17.3	12.2	28
-13.02	17.3	12.3	29
-13.77	17.3	12.4	30
-14.51	17.3	12.6	30
-14.83	17.3	12.6	31
Depth Avg	**17.3**	**12.0**	**31**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:24
Time after/before HT [MET]:	6:14
Coordinates [UTM-ED50] Easting:	588594
Coordinates [UTM-ED50] Northing:	5684215
Water-Bottom Interface Siltpr. [m TAW]:	-14.87
Waterdepth 210 kHz Echo [m TAW]:	-14.67
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.27

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.02	17.2	11.6	35
-0.62	17.2	11.6	33
-1.33	17.3	11.7	28
-2.04	17.3	11.7	27
-2.73	17.3	11.6	24
-3.44	17.3	11.7	25
-4.13	17.3	11.7	22
-4.81	17.3	11.7	21
-5.43	17.3	11.8	21
-6.10	17.3	12.1	21
-6.81	17.3	12.1	23
-7.47	17.3	12.1	21
-8.18	17.3	12.2	22
-8.90	17.3	12.2	23
-9.58	17.3	12.3	23
-10.29	17.3	12.3	27
-10.94	17.3	12.3	28
-11.65	17.3	12.4	30
-12.34	17.3	12.5	29
-13.07	17.2	12.6	29
-13.79	17.2	12.7	35
-14.53	17.2	12.9	36
-14.87	17.2	13.1	40
Depth Avg	**17.3**	**12.1**	**27**



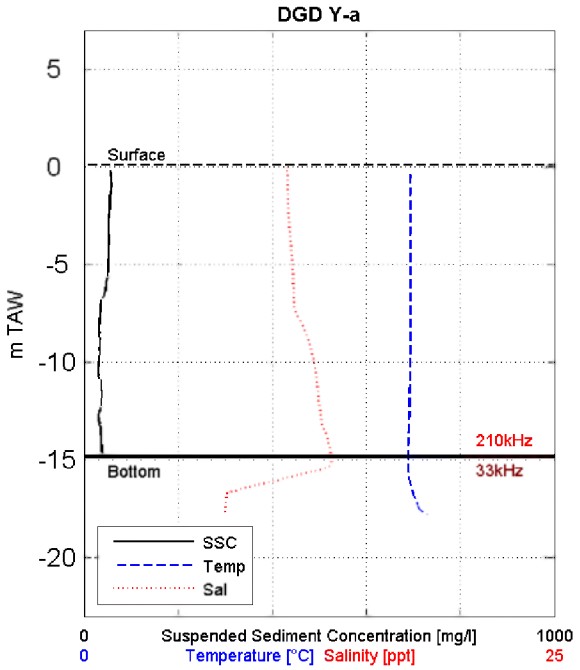
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

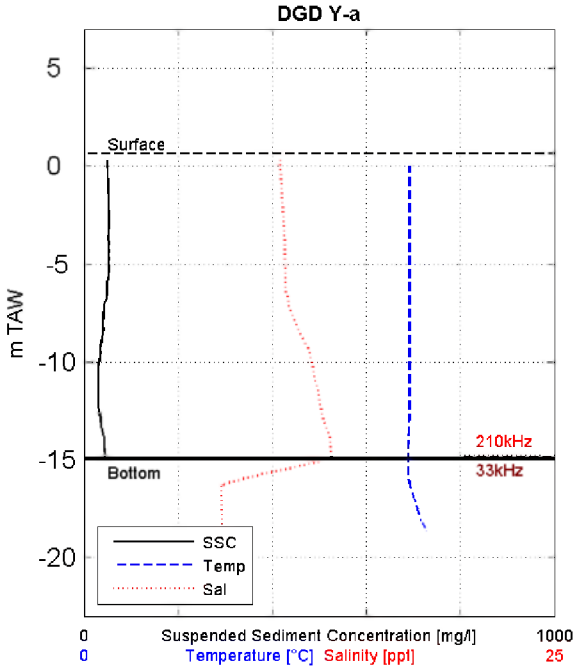
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8135 Ya_ctd.sil 8150 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:00
Time after/before HT [MET]:	0:10
Coordinates [UTM-ED50] Easting:	588612
Coordinates [UTM-ED50] Northing:	5684200
Water-Bottom Interface Siltpr. [m TAW]:	-14.86
Waterdepth 210 kHz Echo [m TAW]:	-14.71
Waterdepth 33 kHz Echo [m TAW]:	-14.81
Surface Elevation [m TAW]:	0.12

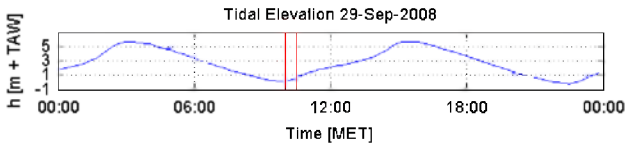
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.18	17.3	10.8	55
-0.94	17.3	10.8	58
-1.66	17.3	10.8	56
-2.35	17.3	10.9	54
-3.04	17.3	10.9	52
-3.69	17.3	10.9	54
-4.41	17.3	11.0	50
-5.07	17.3	11.1	52
-5.73	17.4	11.1	49
-6.33	17.3	11.1	45
-7.01	17.3	11.1	35
-7.72	17.3	11.4	35
-8.49	17.3	11.8	33
-9.23	17.3	12.0	34
-9.96	17.3	12.2	31
-10.70	17.3	12.3	32
-11.41	17.3	12.4	37
-12.17	17.3	12.5	32
-12.86	17.3	12.6	29
-13.53	17.2	12.8	35
-14.14	17.2	13.0	35
-14.78	17.2	13.1	37
-14.86	17.2	13.1	38
Depth Avg	**17.3**	**11.6**	**42**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:30
Time after/before HT [MET]:	0:40
Coordinates [UTM-ED50] Easting:	588603
Coordinates [UTM-ED50] Northing:	5684200
Water-Bottom Interface Siltpr. [m TAW]:	-14.96
Waterdepth 210 kHz Echo [m TAW]:	-14.75
Waterdepth 33 kHz Echo [m TAW]:	-14.84
Surface Elevation [m TAW]:	0.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.35	17.3	10.4	49
-0.46	17.3	10.4	50
-1.19	17.3	10.5	52
-1.96	17.3	10.5	52
-2.57	17.3	10.6	51
-3.19	17.3	10.6	53
-3.82	17.3	10.6	52
-4.48	17.3	10.7	52
-5.12	17.3	10.7	54
-5.81	17.3	10.7	49
-6.55	17.3	10.8	49
-7.29	17.3	10.9	41
-8.08	17.3	11.3	38
-8.91	17.3	11.7	36
-9.64	17.3	12.0	34
-10.38	17.3	12.2	29
-11.14	17.3	12.3	28
-11.83	17.3	12.5	30
-12.54	17.3	12.6	32
-13.26	17.3	12.8	35
-14.04	17.2	13.1	41
-14.81	17.2	13.2	44
-14.96	17.2	13.0	45
Depth Avg	**17.3**	**11.4**	**43**



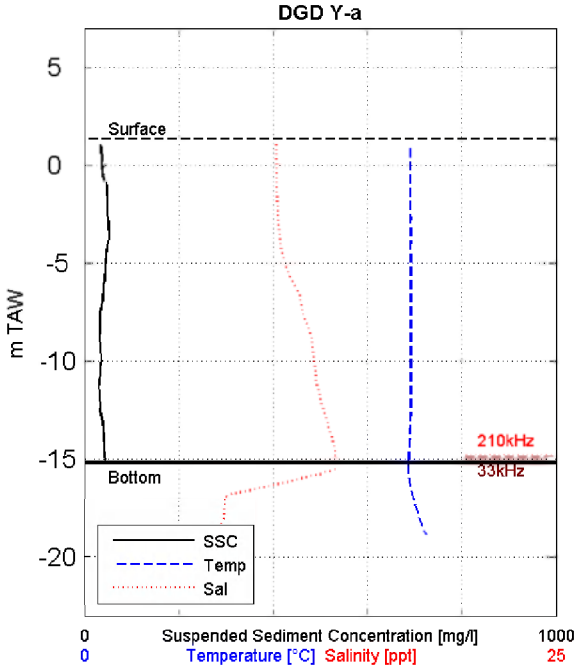
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

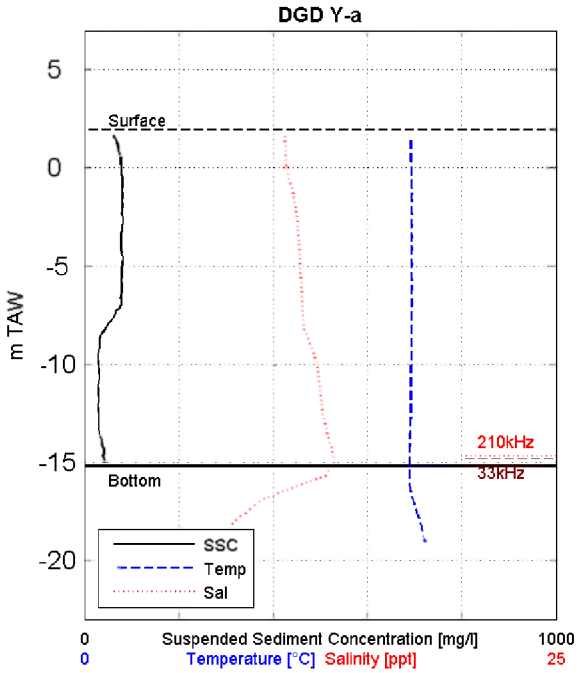
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8165 Ya_ctd.sil 8180 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:05
Time after/before HT [MET]:	1:15
Coordinates [UTM-ED50] Easting:	588595
Coordinates [UTM-ED50] Northing:	5684193
Water-Bottom Interface Siltpr. [m TAW]:	-15.21
Waterdepth 210 kHz Echo [m TAW]:	-14.75
Waterdepth 33 kHz Echo [m TAW]:	-14.87
Surface Elevation [m TAW]:	1.36

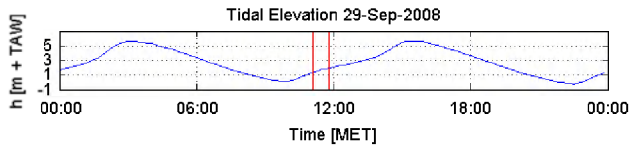
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.06	17.3	10.1	33
0.25	17.2	10.1	36
-0.51	17.3	10.2	37
-1.24	17.3	10.2	47
-2.03	17.3	10.2	47
-2.84	17.3	10.3	49
-3.58	17.3	10.3	52
-4.27	17.3	10.4	46
-4.98	17.3	10.6	43
-5.70	17.3	10.9	43
-6.46	17.3	11.3	39
-7.31	17.3	11.5	34
-8.12	17.3	11.8	33
-8.89	17.3	12.0	31
-9.77	17.3	12.1	36
-10.56	17.3	12.2	32
-11.42	17.3	12.4	31
-12.20	17.3	12.6	34
-13.00	17.3	12.8	37
-13.71	17.2	13.0	40
-14.51	17.2	13.3	40
-15.21	17.1	13.3	44
Depth Avg	**17.3**	**11.4**	**39**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:46
Time after/before HT [MET]:	1:56
Coordinates [UTM-ED50] Easting:	588607
Coordinates [UTM-ED50] Northing:	5684241
Water-Bottom Interface Siltpr. [m TAW]:	-15.21
Waterdepth 210 kHz Echo [m TAW]:	-14.66
Waterdepth 33 kHz Echo [m TAW]:	-14.83
Surface Elevation [m TAW]:	1.94

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.62	17.3	10.6	60
0.83	17.3	10.6	72
-0.02	17.3	10.7	76
-0.89	17.3	10.9	80
-1.74	17.3	11.1	79
-2.66	17.3	11.3	82
-3.54	17.3	11.3	76
-4.38	17.3	11.4	79
-5.21	17.3	11.4	77
-5.95	17.3	11.5	79
-6.64	17.3	11.5	77
-7.37	17.3	11.5	63
-8.16	17.3	11.6	45
-8.93	17.3	11.9	32
-9.74	17.3	12.2	26
-10.55	17.3	12.4	30
-11.41	17.3	12.5	28
-12.22	17.3	12.6	26
-13.03	17.3	12.7	30
-13.81	17.2	12.9	33
-14.47	17.2	13.1	41
-15.14	17.2	13.0	45
-15.21	17.2	13.0	80
Depth Avg	**17.3**	**11.7**	**58**



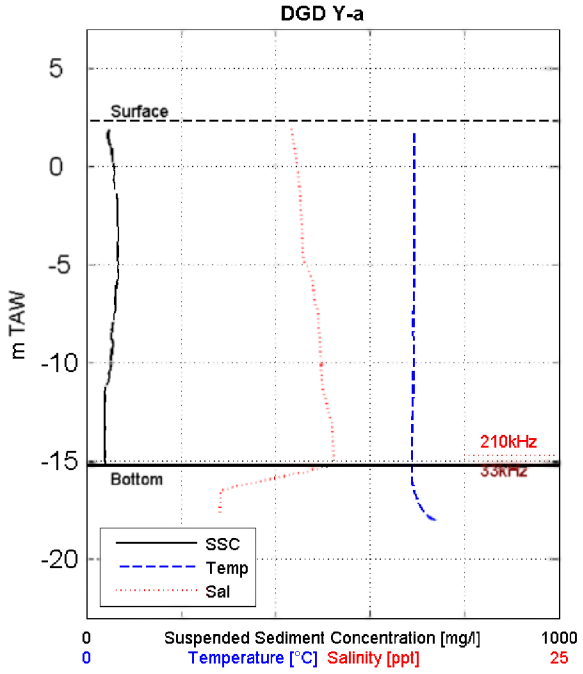
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

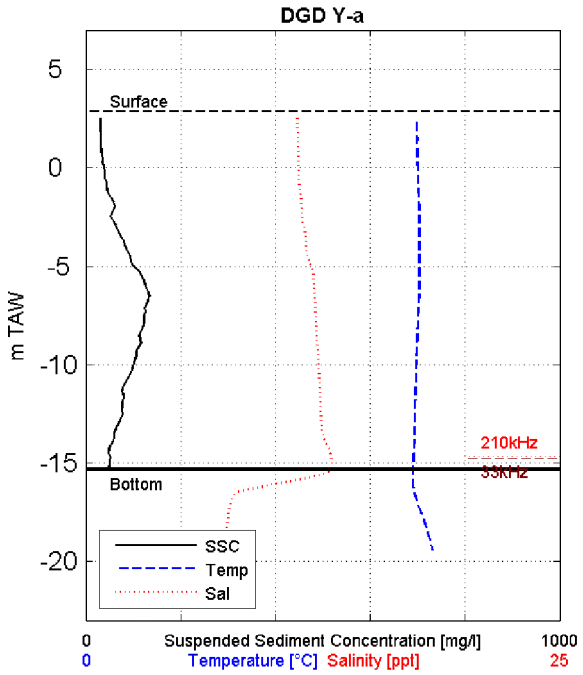
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8195 Ya_ctd.sil 8215 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:23
Time after/before HT [MET]:	2:33
Coordinates [UTM-ED50] Easting:	588605
Coordinates [UTM-ED50] Northing:	5684203
Water-Bottom Interface Siltpr. [m TAW]:	-15.22
Waterdepth 210 kHz Echo [m TAW]:	-14.69
Waterdepth 33 kHz Echo [m TAW]:	-14.78
Surface Elevation [m TAW]:	2.33

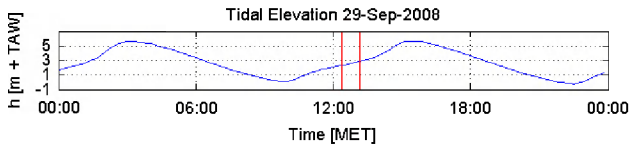
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.99	17.3	NaN	47
1.20	17.3	10.9	49
0.39	17.3	11.1	53
-0.42	17.3	11.2	58
-1.21	17.4	11.3	61
-1.94	17.3	11.3	66
-2.66	17.3	11.4	66
-3.35	17.4	11.4	65
-4.06	17.4	11.4	66
-4.82	17.3	11.5	68
-5.61	17.3	11.9	68
-6.37	17.3	12.0	63
-7.18	17.3	12.2	62
-8.06	17.3	12.3	55
-8.97	17.3	12.3	56
-9.86	17.3	12.4	49
-10.65	17.3	12.4	48
-11.55	17.3	12.6	39
-12.42	17.2	12.6	36
-13.18	17.2	13.0	37
-14.04	17.2	13.0	37
-14.85	17.2	13.1	36
-15.22	17.2	13.1	40
Depth Avg	**17.3**	**11.9**	**53**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:09
Time after/before HT [MET]:	3:19
Coordinates [UTM-ED50] Easting:	588582
Coordinates [UTM-ED50] Northing:	5684217
Water-Bottom Interface Siltpr. [m TAW]:	-15.34
Waterdepth 210 kHz Echo [m TAW]:	-14.65
Waterdepth 33 kHz Echo [m TAW]:	-14.76
Surface Elevation [m TAW]:	2.87

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.58	17.4	11.1	31
1.79	17.4	11.2	31
1.03	17.4	11.2	32
0.27	17.5	11.2	34
-0.54	17.5	11.2	41
-1.31	17.5	11.3	47
-2.10	17.6	11.4	58
-2.98	17.6	11.5	63
-3.81	17.6	11.6	82
-4.63	17.6	11.7	94
-5.49	17.6	12.0	118
-6.35	17.6	12.0	133
-7.21	17.5	12.1	127
-7.99	17.5	12.1	124
-8.83	17.4	12.2	116
-9.72	17.4	12.2	106
-10.65	17.4	12.3	89
-11.60	17.4	12.3	81
-12.49	17.4	12.4	76
-13.32	17.3	12.4	60
-14.24	17.3	12.8	49
-15.10	17.3	13.0	49
-15.34	17.3	13.0	50
Depth Avg	**17.5**	**11.9**	**75**



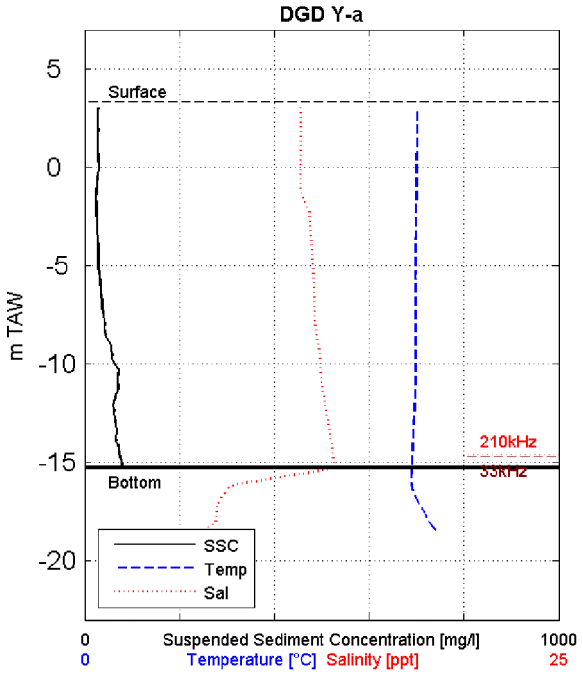
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

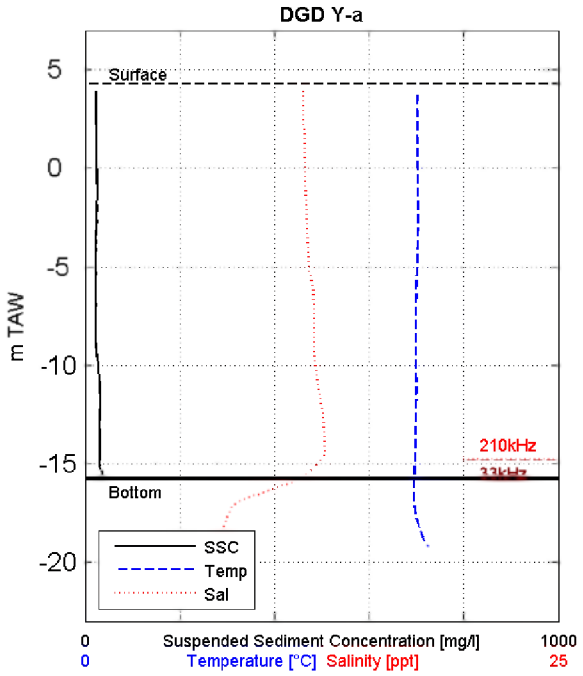
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8230 Ya_ctd.sil 8245 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:43
Time after/before HT [MET]:	3:53
Coordinates [UTM-ED50] Easting:	588596
Coordinates [UTM-ED50] Northing:	5684225
Water-Bottom Interface Siltpr. [m TAW]:	-15.30
Waterdepth 210 kHz Echo [m TAW]:	-14.63
Waterdepth 33 kHz Echo [m TAW]:	-14.72
Surface Elevation [m TAW]:	3.34

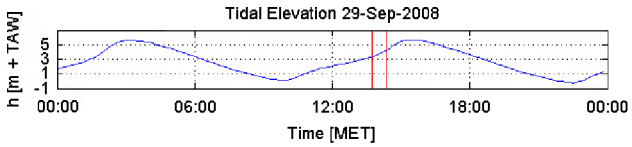
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.03	17.5	11.4	28
2.12	17.5	11.4	27
1.17	17.5	11.4	28
0.23	17.5	11.4	28
-0.65	17.5	11.4	26
-1.56	17.5	11.5	24
-2.42	17.4	11.8	26
-3.36	17.4	11.9	26
-4.26	17.4	12.0	30
-5.20	17.4	12.1	31
-5.99	17.4	12.1	34
-6.80	17.4	12.1	36
-7.68	17.4	12.1	41
-8.52	17.4	12.2	44
-9.35	17.4	12.3	58
-10.16	17.4	12.4	69
-10.97	17.4	12.5	69
-11.73	17.4	12.6	62
-12.55	17.4	12.7	60
-13.38	17.3	12.9	69
-14.20	17.3	13.0	71
-15.00	17.2	13.1	79
-15.30	17.2	13.1	77
Depth Avg	**17.4**	**12.1**	**43**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:21
Time after/before HT [MET]:	4:31
Coordinates [UTM-ED50] Easting:	588587
Coordinates [UTM-ED50] Northing:	5684208
Water-Bottom Interface Siltpr. [m TAW]:	-15.76
Waterdepth 210 kHz Echo [m TAW]:	-14.75
Waterdepth 33 kHz Echo [m TAW]:	-14.81
Surface Elevation [m TAW]:	4.27

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.97	17.5	11.6	22
3.04	17.5	11.6	23
2.17	17.5	11.6	23
1.24	17.5	11.6	23
0.26	17.5	11.6	24
-0.72	17.5	11.6	25
-1.58	17.6	11.7	23
-2.44	17.6	11.7	24
-3.41	17.6	11.7	18
-4.38	17.5	11.8	22
-5.20	17.5	11.8	22
-6.06	17.4	12.0	22
-7.04	17.4	12.1	22
-8.02	17.4	12.1	21
-8.96	17.4	12.1	22
-9.74	17.4	12.1	27
-10.66	17.5	12.2	28
-11.63	17.5	12.4	31
-12.52	17.4	12.6	31
-13.40	17.4	12.6	31
-14.36	17.4	12.7	30
-15.30	17.4	11.9	34
-15.76	17.3	11.4	40
Depth Avg	**17.5**	**12.0**	**25**



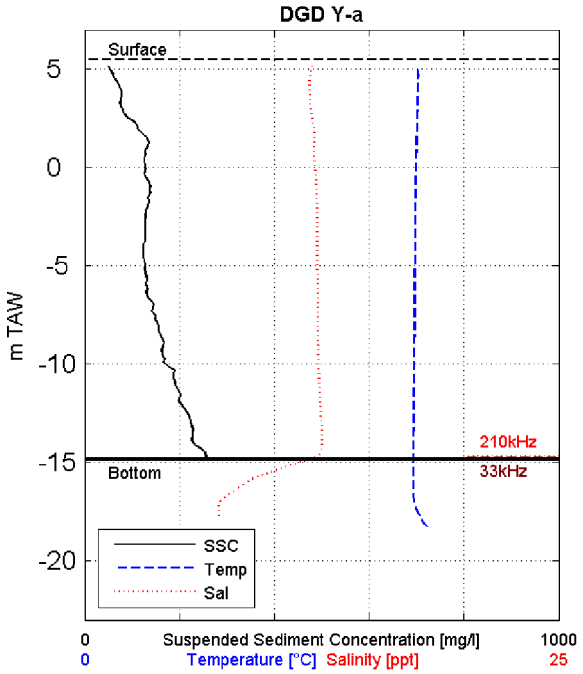
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

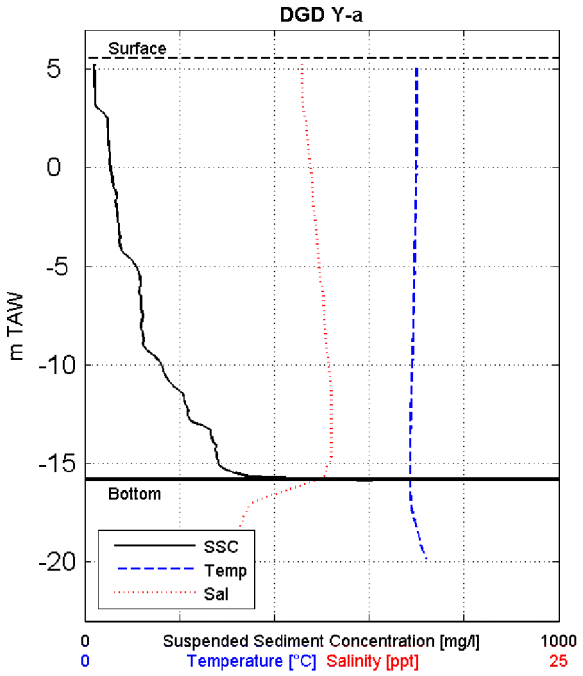
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8260 Ya_ctd.sil 8275 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:04
Time after/before HT [MET]:	5:14
Coordinates [UTM-ED50] Easting:	588631
Coordinates [UTM-ED50] Northing:	5684202
Water-Bottom Interface Siltpr. [m TAW]:	-14.83
Waterdepth 210 kHz Echo [m TAW]:	-14.64
Waterdepth 33 kHz Echo [m TAW]:	-14.72
Surface Elevation [m TAW]:	5.50

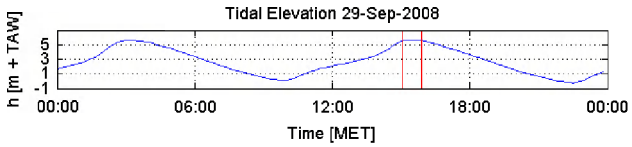
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.18	17.6	12.0	48
4.19	17.6	11.8	73
3.26	17.5	11.9	76
2.30	17.5	12.0	106
1.35	17.5	12.1	134
0.43	17.5	12.1	124
-0.58	17.4	12.2	132
-1.75	17.4	12.2	135
-2.64	17.4	12.2	127
-3.57	17.4	12.2	127
-4.46	17.4	12.2	123
-5.41	17.4	12.2	128
-6.32	17.4	12.2	130
-7.24	17.4	12.2	142
-8.19	17.4	12.3	154
-9.05	17.4	12.3	166
-9.91	17.3	12.3	166
-10.95	17.3	12.3	191
-11.98	17.3	12.4	200
-12.91	17.3	12.5	222
-13.89	17.3	12.5	226
-14.83	17.3	11.8	257
-14.83	17.3	11.8	257
Depth Avg	**17.4**	**12.2**	**144**



Siltprofiler

Date & Time [MET]:	29/9/2008 15:54
Time after/before HT [MET]:	6:04
Coordinates [UTM-ED50] Easting:	588572
Coordinates [UTM-ED50] Northing:	5684237
Water-Bottom Interface Siltpr. [m TAW]:	-15.84
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	5.55

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.25	17.4	11.4	21
4.21	17.5	11.4	20
3.06	17.5	11.5	24
2.05	17.4	11.7	49
0.92	17.5	11.8	48
-0.14	17.5	11.9	54
-1.22	17.4	12.0	66
-2.25	17.4	12.1	69
-3.21	17.4	12.2	72
-4.15	17.4	12.3	78
-5.15	17.4	12.4	112
-6.09	17.4	12.5	116
-7.16	17.3	12.6	118
-8.13	17.3	12.7	115
-9.08	17.3	12.7	126
-10.01	17.3	12.9	162
-10.93	17.2	12.9	183
-11.89	17.2	13.0	210
-12.79	17.1	13.0	219
-13.70	17.1	13.0	269
-14.64	17.1	13.0	281
-15.57	17.1	12.6	320
-15.84	17.2	12.2	910
Depth Avg	**17.3**	**12.3**	**121**



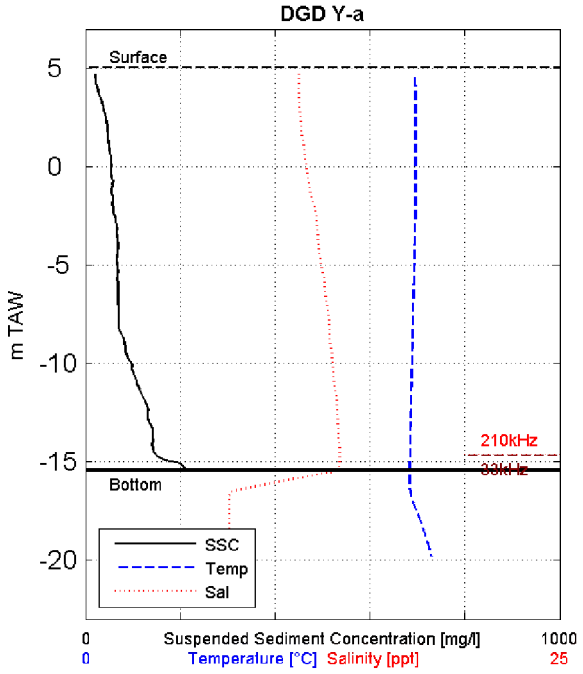
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

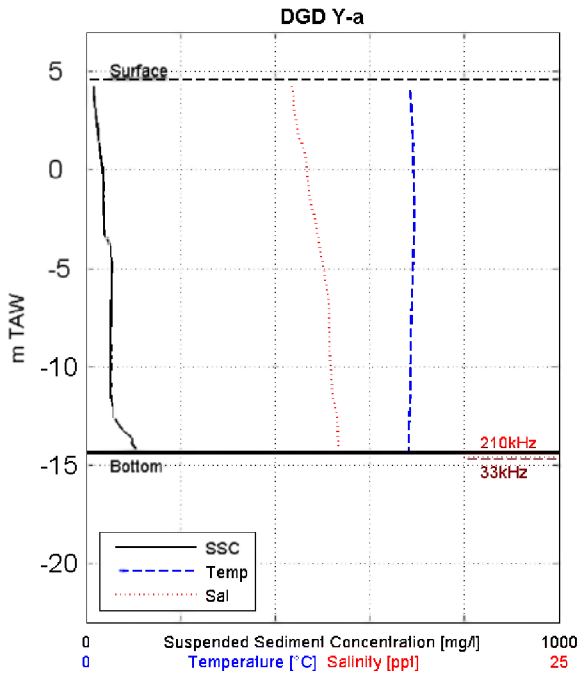
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8290 Ya_ctd.sil 8305 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:30
Time after/before HT [MET]:	6:40
Coordinates [UTM-ED50] Easting:	588577
Coordinates [UTM-ED50] Northing:	5684215
Water-Bottom Interface Siltpr. [m TAW]:	-15.43
Waterdepth 210 kHz Echo [m TAW]:	-14.60
Waterdepth 33 kHz Echo [m TAW]:	-14.67
Surface Elevation [m TAW]:	5.07

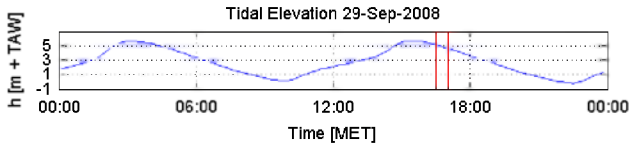
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.79	17.4	11.3	21
3.81	17.4	11.2	28
2.71	17.4	11.3	42
1.70	17.4	11.4	47
0.76	17.4	11.5	53
-0.31	17.4	11.7	54
-1.30	17.4	11.8	54
-2.38	17.4	12.1	59
-3.41	17.4	12.2	66
-4.35	17.3	12.3	69
-5.26	17.3	12.5	67
-6.26	17.3	12.6	67
-7.14	17.3	12.7	69
-8.11	17.2	12.8	69
-8.99	17.2	12.9	83
-9.90	17.2	13.0	94
-10.79	17.2	13.1	108
-11.69	17.1	13.2	122
-12.63	17.1	13.3	132
-13.49	17.1	13.3	143
-14.27	17.1	13.4	143
-15.18	17.1	13.4	206
-15.43	17.1	13.4	229
Depth Avg	**17.3**	**12.4**	**78**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:02
Time after/before HT [MET]:	7:12
Coordinates [UTM-ED50] Easting:	588607
Coordinates [UTM-ED50] Northing:	5684223
Water-Bottom Interface Siltpr. [m TAW]:	-14.37
Waterdepth 210 kHz Echo [m TAW]:	-14.57
Waterdepth 33 kHz Echo [m TAW]:	-14.65
Surface Elevation [m TAW]:	4.56

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.24	17.1	10.9	14
3.25	17.2	11.0	18
2.32	17.2	11.1	22
1.46	17.3	11.3	24
0.52	17.3	11.6	32
-0.45	17.3	11.7	35
-1.44	17.3	11.8	36
-2.38	17.3	12.1	36
-3.33	17.3	12.2	37
-4.29	17.3	12.4	51
-5.17	17.3	12.6	55
-6.01	17.2	12.7	52
-6.85	17.2	12.9	54
-7.71	17.2	12.9	53
-8.54	17.1	12.8	52
-9.38	17.1	12.9	51
-10.21	17.1	12.9	52
-10.97	17.1	13.0	51
-11.74	17.1	13.1	53
-12.50	17.1	13.3	58
-13.23	17.1	13.3	78
-14.02	17.0	13.3	96
-14.37	17.0	13.3	109
Depth Avg	**17.2**	**12.3**	**45**



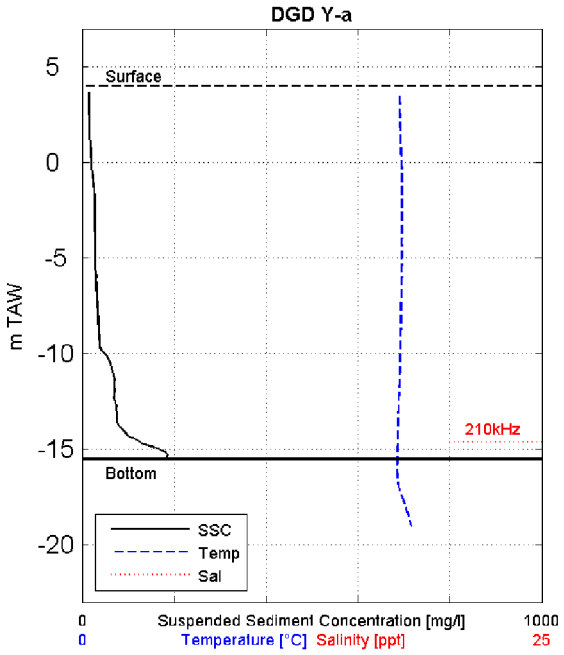
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

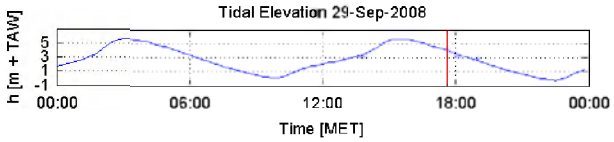
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8320 Ya_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:36
Time after/before HT [MET]:	7:46
Coordinates [UTM-ED50] Easting:	588582
Coordinates [UTM-ED50] Northing:	5684212
Water-Bottom Interface Siltpr. [m TAW]:	-15.53
Waterdepth 210 kHz Echo [m TAW]:	-14.63
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	4.01

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.69	17.3	NaN	14
2.68	17.2	NaN	14
1.70	17.3	NaN	16
0.72	17.3	NaN	18
-0.27	17.4	NaN	19
-1.29	17.4	NaN	23
-2.09	17.4	NaN	27
-2.85	17.4	NaN	27
-3.75	17.4	NaN	26
-4.62	17.4	NaN	28
-5.57	17.4	NaN	28
-6.48	17.4	NaN	30
-7.44	17.3	NaN	32
-8.37	17.3	NaN	35
-9.26	17.3	NaN	36
-10.07	17.3	NaN	53
-10.90	17.3	NaN	66
-11.81	17.2	NaN	71
-12.62	17.2	NaN	73
-13.48	17.1	NaN	75
-14.35	17.1	NaN	102
-15.21	17.1	NaN	183
-15.53	17.1	NaN	176
Depth Avg	**17.3**	**NaN**	**43**



Data Processed by: IMDC

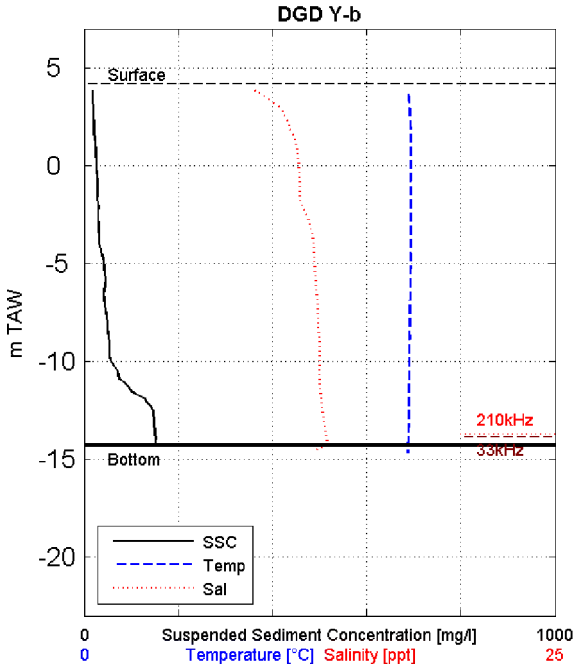
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.7 Location Yb

Through tide measurements Siltprofiler DGD Summer 2008

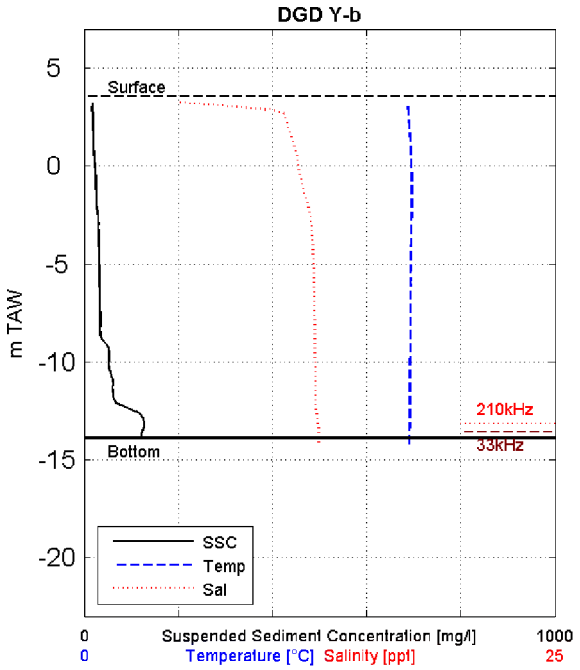
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8010 Yb_ctd.sil 8025 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:12
Time after/before HT [MET]:	2:02
Coordinates [UTM-ED50] Easting:	588659
Coordinates [UTM-ED50] Northing:	5684319
Water-Bottom Interface Siltpr. [m TAW]:	-14.28
Waterdepth 210 kHz Echo [m TAW]:	-13.67
Waterdepth 33 kHz Echo [m TAW]:	-13.82
Surface Elevation [m TAW]:	4.18

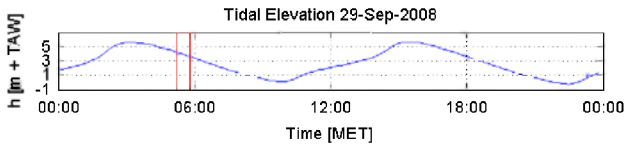
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.89	17.2	9.0	17
3.10	17.3	10.2	19
2.38	17.3	10.7	21
1.58	17.3	11.1	21
0.81	17.3	11.3	23
0.05	17.3	11.4	26
-0.73	17.3	11.4	28
-1.52	17.3	11.4	28
-2.31	17.3	11.7	29
-3.19	17.3	12.0	32
-4.03	17.3	12.2	34
-4.89	17.3	12.2	41
-5.78	17.3	12.3	47
-6.73	17.3	12.4	43
-7.60	17.3	12.4	46
-8.48	17.3	12.4	51
-9.38	17.2	12.5	53
-10.22	17.2	12.5	63
-11.16	17.2	12.5	92
-12.21	17.2	12.6	139
-13.24	17.2	12.8	149
-14.28	17.2	12.9	153
Depth Avg	**17.3**	**11.9**	**53**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:49
Time after/before HT [MET]:	2:39
Coordinates [UTM-ED50] Easting:	588668
Coordinates [UTM-ED50] Northing:	5684315
Water-Bottom Interface Siltpr. [m TAW]:	-13.88
Waterdepth 210 kHz Echo [m TAW]:	-13.12
Waterdepth 33 kHz Echo [m TAW]:	-13.55
Surface Elevation [m TAW]:	3.55

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.27	17.1	4.7	17
2.60	17.2	10.6	19
1.89	17.3	10.9	19
1.15	17.3	11.1	19
0.40	17.4	11.3	23
-0.37	17.4	11.4	24
-1.22	17.4	11.7	25
-2.06	17.4	11.9	26
-2.99	17.4	12.1	30
-3.88	17.3	12.1	31
-4.62	17.3	12.2	32
-5.43	17.3	12.2	31
-6.17	17.3	12.2	32
-6.95	17.3	12.2	31
-7.76	17.3	12.2	35
-8.53	17.3	12.3	34
-9.34	17.3	12.3	51
-10.12	17.3	12.3	52
-10.96	17.3	12.3	60
-11.82	17.3	12.3	62
-12.68	17.3	12.3	119
-13.44	17.3	12.4	126
-13.88	17.3	12.4	120
Depth Avg	**17.3**	**11.7**	**41**



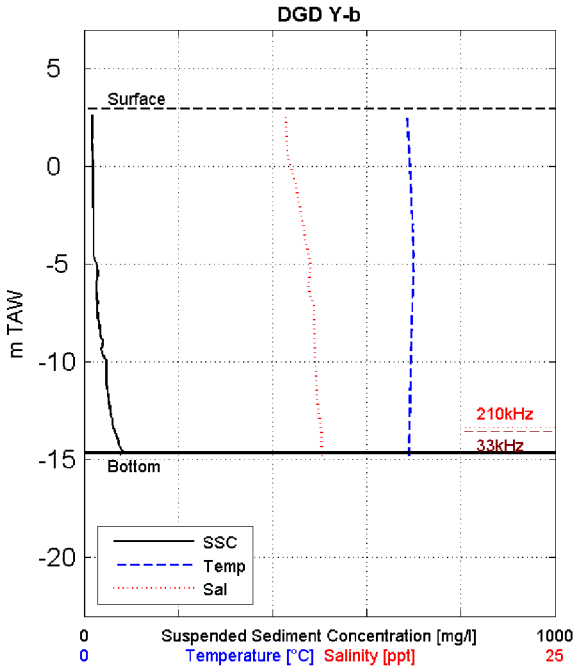
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

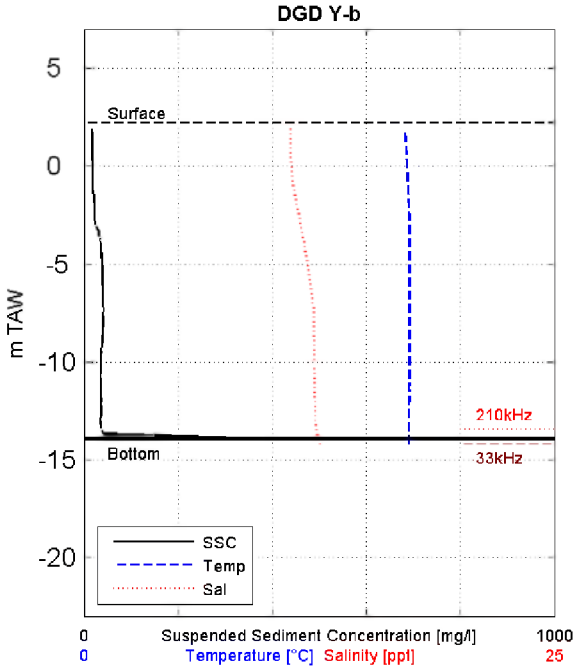
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8040 Yb_ctd.sil 8056 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:21
Time after/before HT [MET]:	3:11
Coordinates [UTM-ED50] Easting:	588648
Coordinates [UTM-ED50] Northing:	5684275
Water-Bottom Interface Siltpr. [m TAW]:	-14.64
Waterdepth 210 kHz Echo [m TAW]:	-13.35
Waterdepth 33 kHz Echo [m TAW]:	-13.56
Surface Elevation [m TAW]:	2.96

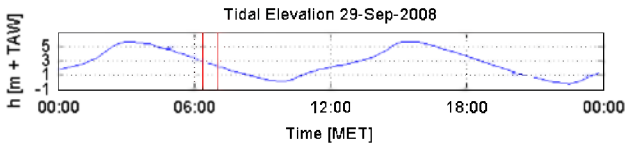
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.67	17.1	NaN	16
1.90	17.2	10.7	17
1.07	17.2	10.8	18
0.19	17.3	10.9	17
-0.63	17.3	11.1	19
-1.42	17.3	11.3	17
-2.27	17.4	11.5	18
-3.11	17.4	11.6	19
-3.97	17.4	11.8	19
-4.81	17.4	12.0	25
-5.69	17.5	11.9	28
-6.52	17.4	12.0	26
-7.36	17.4	12.2	26
-8.12	17.4	12.2	34
-8.94	17.4	12.2	40
-9.75	17.3	12.3	42
-10.51	17.3	12.3	47
-11.30	17.3	12.3	47
-12.01	17.3	12.4	52
-12.77	17.3	12.5	58
-13.51	17.3	12.6	63
-14.26	17.3	12.6	74
-14.64	17.2	12.6	80
Depth Avg	**17.3**	**11.8**	**32**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:02
Time after/before HT [MET]:	3:52
Coordinates [UTM-ED50] Easting:	588646
Coordinates [UTM-ED50] Northing:	5684302
Water-Bottom Interface Siltpr. [m TAW]:	-13.95
Waterdepth 210 kHz Echo [m TAW]:	-13.41
Waterdepth 33 kHz Echo [m TAW]:	-14.20
Surface Elevation [m TAW]:	2.22

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.93	17.1	11.0	13
1.07	17.1	11.0	15
0.30	17.1	11.0	17
-0.48	17.2	11.0	17
-1.24	17.2	11.2	18
-1.98	17.3	11.3	22
-2.77	17.3	11.4	21
-3.56	17.3	11.6	31
-4.29	17.3	11.8	36
-5.01	17.3	11.9	40
-5.77	17.3	12.0	39
-6.57	17.3	12.1	37
-7.31	17.3	12.2	41
-8.05	17.3	12.2	40
-8.77	17.3	12.2	39
-9.52	17.3	12.2	35
-10.38	17.3	12.2	35
-11.07	17.3	12.3	36
-11.78	17.3	12.2	35
-12.50	17.3	12.3	37
-13.17	17.3	12.3	36
-13.87	17.2	12.4	43
-13.95	17.2	12.4	10799
Depth Avg	**17.2**	**11.8**	**40**



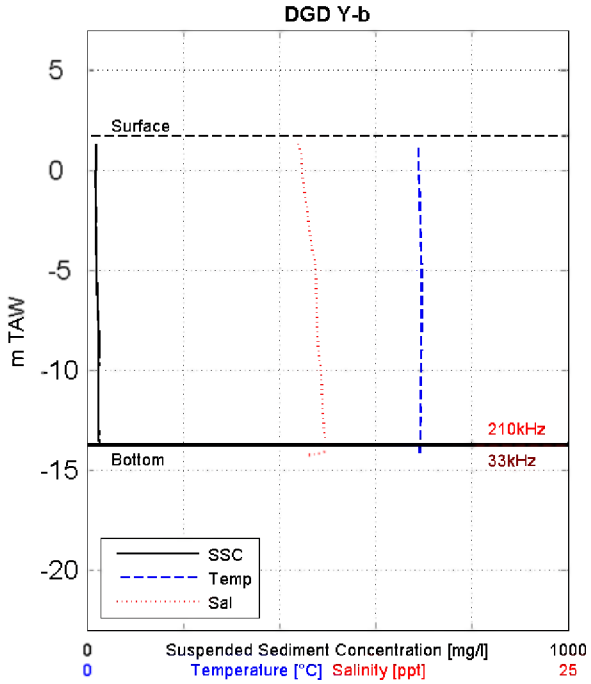
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

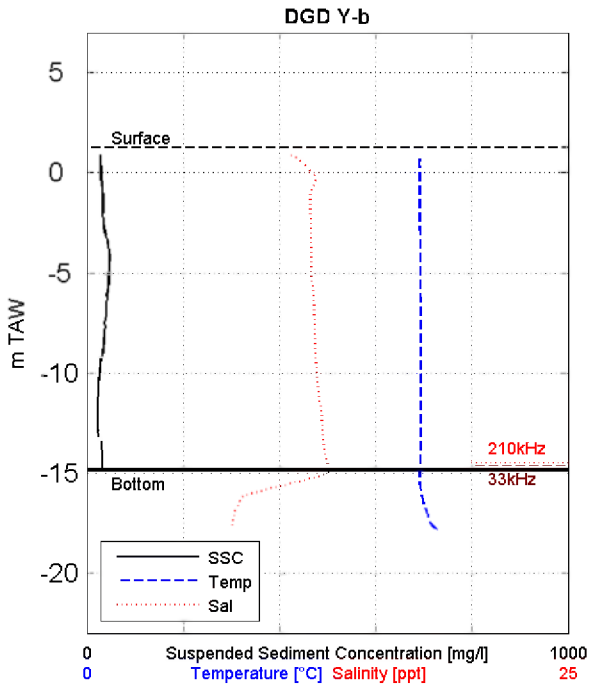
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8071 Yb_ctd.sil 8086 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:32
Time after/before HT [MET]:	4:22
Coordinates [UTM-ED50] Easting:	588658
Coordinates [UTM-ED50] Northing:	5684271
Water-Bottom Interface Siltpr. [m TAW]:	-13.76
Waterdepth 210 kHz Echo [m TAW]:	-13.61
Waterdepth 33 kHz Echo [m TAW]:	-13.81
Surface Elevation [m TAW]:	1.70

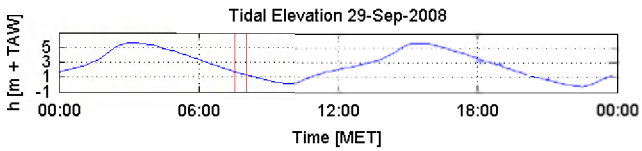
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.40	17.2	10.9	18
0.65	17.2	11.1	18
-0.15	17.2	11.2	16
-0.88	17.3	11.3	16
-1.64	17.3	11.4	18
-2.33	17.3	11.5	19
-3.10	17.3	11.6	19
-3.85	17.3	11.7	18
-4.57	17.4	11.8	19
-5.31	17.4	11.9	19
-6.04	17.4	11.9	21
-6.80	17.4	11.9	22
-7.49	17.4	11.9	22
-8.18	17.4	12.0	25
-8.87	17.4	12.0	24
-9.65	17.4	12.1	24
-10.32	17.4	12.2	23
-11.01	17.3	12.2	22
-11.67	17.3	12.2	23
-12.34	17.3	12.3	22
-13.07	17.3	12.3	23
-13.74	17.3	12.4	28
-13.76	17.3	12.4	27
Depth Avg	**17.3**	**11.8**	**21**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:02
Time after/before HT [MET]:	4:52
Coordinates [UTM-ED50] Easting:	588639
Coordinates [UTM-ED50] Northing:	5684261
Water-Bottom Interface Siltpr. [m TAW]:	-14.85
Waterdepth 210 kHz Echo [m TAW]:	-14.46
Waterdepth 33 kHz Echo [m TAW]:	-14.62
Surface Elevation [m TAW]:	1.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.94	17.3	10.1	27
0.17	17.3	11.5	29
-0.54	17.3	11.8	31
-1.25	17.3	11.6	32
-1.99	17.3	11.6	33
-2.72	17.3	11.6	34
-3.47	17.3	11.6	42
-4.23	17.3	11.6	46
-4.99	17.3	11.6	45
-5.73	17.3	11.7	44
-6.49	17.3	11.8	39
-7.23	17.3	11.8	39
-7.94	17.3	11.8	35
-8.67	17.3	11.8	32
-9.44	17.3	11.9	27
-10.17	17.3	11.9	26
-10.89	17.3	12.0	23
-11.63	17.3	12.1	22
-12.44	17.3	12.2	20
-13.25	17.3	12.3	26
-14.00	17.3	12.3	32
-14.70	17.3	12.6	31
-14.85	17.3	12.6	32
Depth Avg	**17.3**	**11.8**	**33**



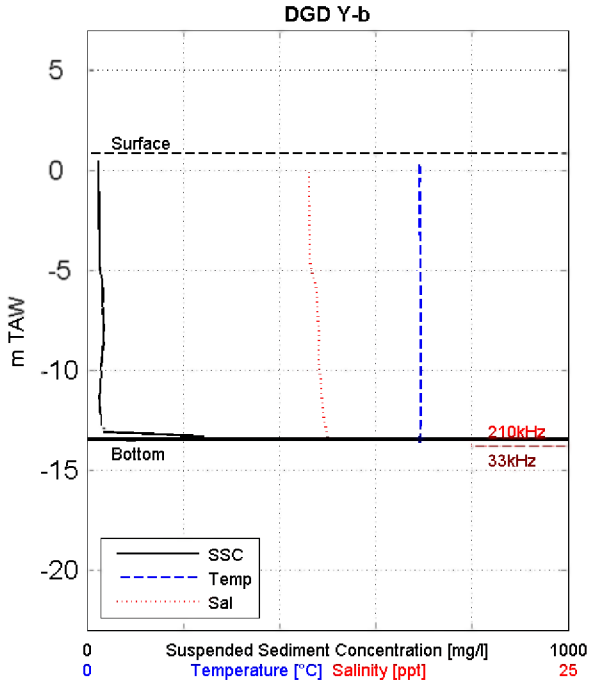
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

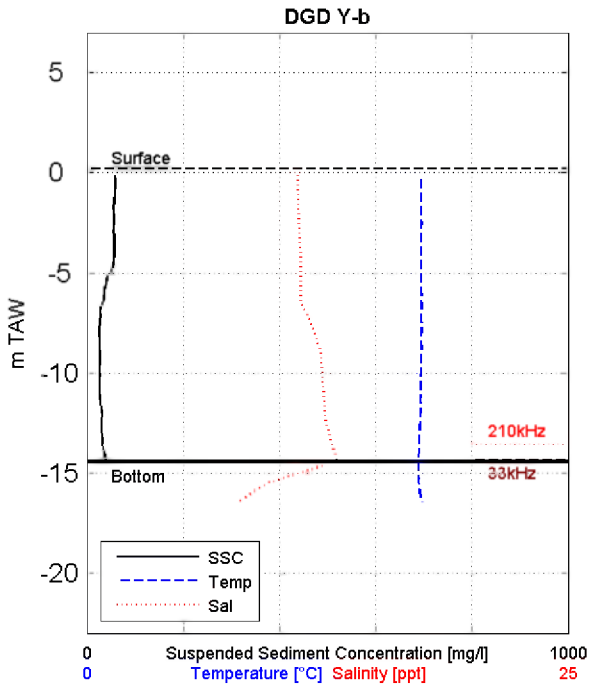
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8101 Yb_ctd.sil 8121 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:32
Time after/before HT [MET]:	5:22
Coordinates [UTM-ED50] Easting:	588664
Coordinates [UTM-ED50] Northing:	5684291
Water-Bottom Interface Siltpr. [m TAW]:	-13.46
Waterdepth 210 kHz Echo [m TAW]:	-13.77
Waterdepth 33 kHz Echo [m TAW]:	-13.81
Surface Elevation [m TAW]:	0.84

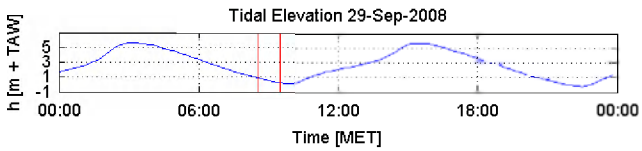
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.54	17.3	NaN	24
-0.10	17.3	NaN	24
-0.76	17.3	11.5	24
-1.45	17.3	11.5	24
-2.16	17.3	11.5	24
-2.87	17.3	11.6	26
-3.51	17.3	11.6	26
-4.16	17.3	11.6	25
-4.79	17.3	11.6	25
-5.46	17.3	11.8	30
-6.17	17.3	11.9	33
-6.78	17.3	11.9	32
-7.45	17.4	12.0	34
-8.11	17.3	12.1	34
-8.82	17.4	12.0	34
-9.49	17.3	12.0	32
-10.18	17.3	12.1	30
-10.82	17.4	12.2	28
-11.48	17.3	12.2	24
-12.11	17.3	12.3	26
-12.85	17.3	12.4	34
-13.46	17.3	12.5	13228
Depth Avg	**17.3**	**11.9**	**65**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:27
Time after/before HT [MET]:	6:17
Coordinates [UTM-ED50] Easting:	588653
Coordinates [UTM-ED50] Northing:	5684317
Water-Bottom Interface Siltpr. [m TAW]:	-14.45
Waterdepth 210 kHz Echo [m TAW]:	-13.58
Waterdepth 33 kHz Echo [m TAW]:	-14.29
Surface Elevation [m TAW]:	0.23

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.05	17.4	10.9	56
-0.73	17.4	10.9	60
-1.42	17.4	11.0	56
-2.08	17.4	11.0	56
-2.77	17.3	11.0	54
-3.44	17.4	11.0	57
-4.17	17.4	11.1	56
-4.93	17.4	11.1	47
-5.67	17.4	11.1	37
-6.34	17.4	11.1	35
-7.00	17.4	11.4	28
-7.66	17.4	11.7	24
-8.33	17.4	11.9	26
-8.97	17.4	12.1	26
-9.60	17.3	12.2	23
-10.22	17.3	12.2	26
-10.89	17.3	12.3	26
-11.52	17.4	12.3	25
-12.21	17.3	12.4	30
-12.83	17.3	12.5	30
-13.49	17.2	12.7	32
-14.06	17.2	12.9	37
-14.45	17.2	12.8	39
Depth Avg	**17.3**	**11.7**	**39**



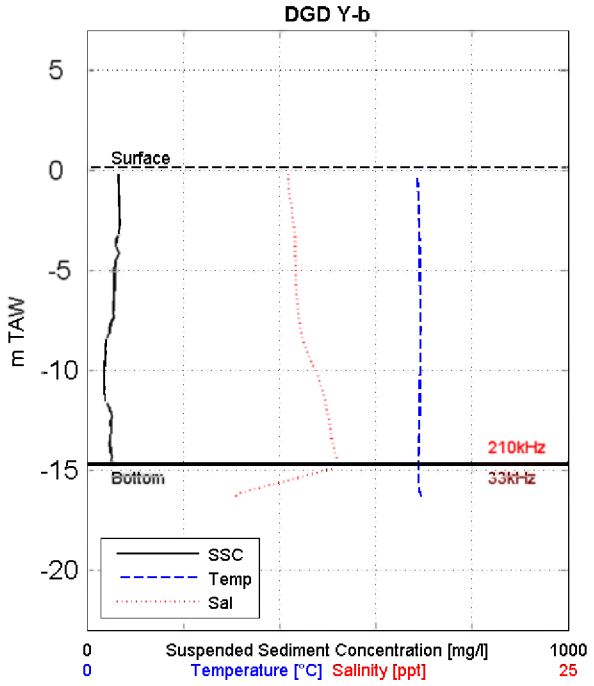
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

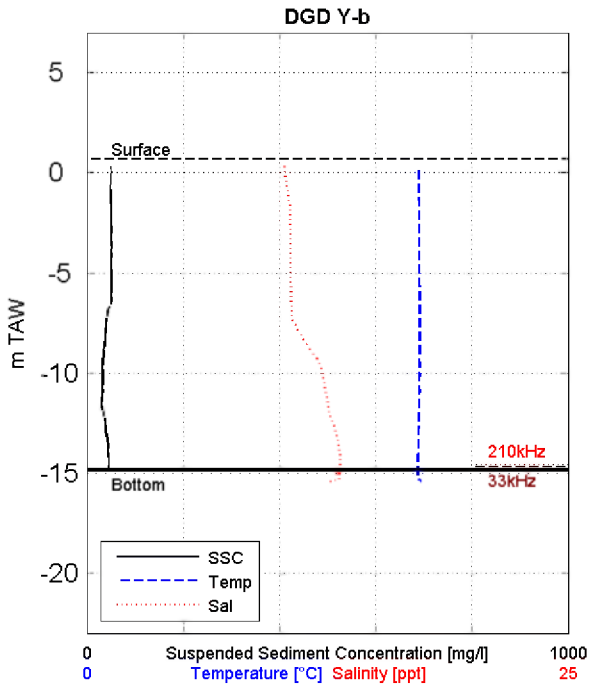
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8136 Yb_ctd.sil 8151 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:01
Time after/before HT [MET]:	0:11
Coordinates [UTM-ED50] Easting:	588646
Coordinates [UTM-ED50] Northing:	5684281
Water-Bottom Interface Siltpr. [m TAW]:	-14.69
Waterdepth 210 kHz Echo [m TAW]:	-14.56
Waterdepth 33 kHz Echo [m TAW]:	-14.69
Surface Elevation [m TAW]:	0.14

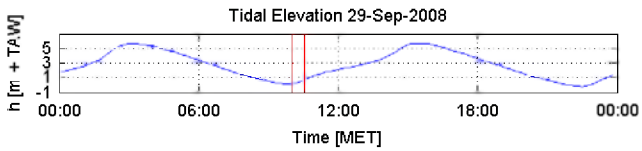
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.16	17.1	10.4	65
-0.85	17.2	10.4	65
-1.42	17.2	10.5	67
-2.10	17.2	10.6	69
-2.77	17.3	10.7	68
-3.48	17.3	10.8	60
-4.19	17.3	10.8	66
-4.90	17.3	10.8	56
-5.65	17.3	10.8	57
-6.31	17.3	10.9	55
-6.99	17.3	10.9	54
-7.69	17.3	11.0	48
-8.37	17.3	11.2	40
-9.06	17.3	11.4	39
-9.67	17.3	11.7	36
-10.32	17.3	12.0	35
-10.95	17.3	12.2	35
-11.64	17.3	12.4	37
-12.28	17.3	12.5	51
-12.90	17.3	12.6	50
-13.58	17.2	12.7	48
-14.27	17.2	12.9	50
-14.69	17.2	13.1	48
Depth Avg	**17.3**	**11.4**	**52**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:32
Time after/before HT [MET]:	0:42
Coordinates [UTM-ED50] Easting:	588651
Coordinates [UTM-ED50] Northing:	5684279
Water-Bottom Interface Siltpr. [m TAW]:	-14.87
Waterdepth 210 kHz Echo [m TAW]:	-14.58
Waterdepth 33 kHz Echo [m TAW]:	-14.67
Surface Elevation [m TAW]:	0.67

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.33	17.2	10.2	49
-0.32	17.2	10.3	48
-1.08	17.2	10.4	49
-1.81	17.3	10.5	49
-2.53	17.2	10.5	49
-3.17	17.3	10.6	49
-3.80	17.2	10.6	52
-4.42	17.3	10.6	49
-5.13	17.3	10.6	51
-5.84	17.3	10.6	51
-6.58	17.3	10.6	51
-7.29	17.3	10.7	41
-8.08	17.3	11.1	38
-8.84	17.3	11.6	35
-9.63	17.3	12.1	31
-10.42	17.3	12.3	33
-11.10	17.3	12.4	31
-11.81	17.2	12.5	32
-12.51	17.2	12.8	38
-13.17	17.2	13.0	41
-13.85	17.2	13.1	43
-14.55	17.2	13.1	49
-14.87	17.2	13.1	6896
Depth Avg	**17.2**	**11.4**	**56**



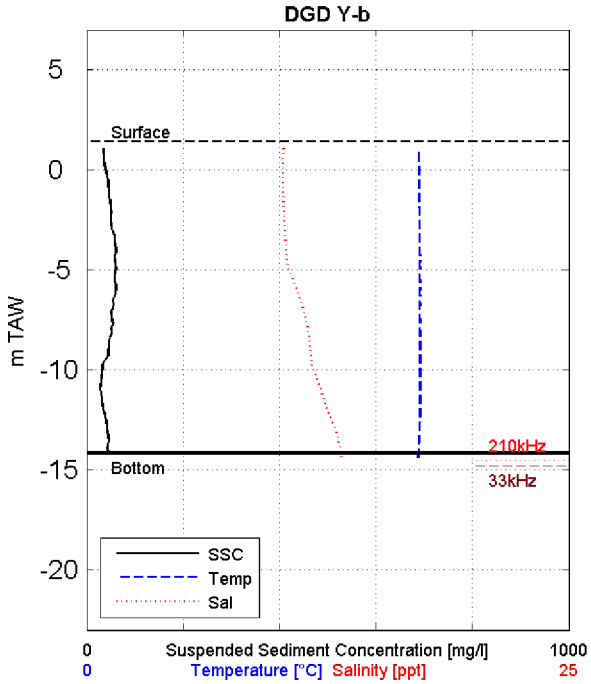
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

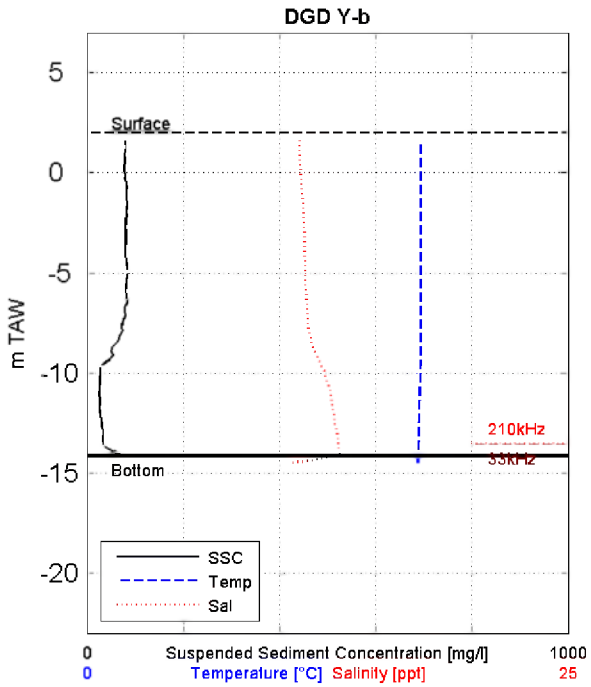
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8166 Yb_ctd.sil 8181 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:07
Time after/before HT [MET]:	1:17
Coordinates [UTM-ED50] Easting:	588662
Coordinates [UTM-ED50] Northing:	5684277
Water-Bottom Interface Siltpr. [m TAW]:	-14.20
Waterdepth 210 kHz Echo [m TAW]:	-14.50
Waterdepth 33 kHz Echo [m TAW]:	-14.81
Surface Elevation [m TAW]:	1.39

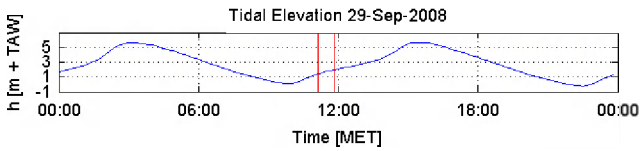
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.11	17.2	10.2	35
0.40	17.2	10.2	36
-0.31	17.2	10.1	41
-0.93	17.2	10.2	44
-1.50	17.2	10.2	49
-2.20	17.3	10.2	49
-2.90	17.3	10.3	51
-3.66	17.3	10.3	58
-4.42	17.3	10.4	57
-5.20	17.3	10.6	56
-5.99	17.3	10.9	59
-6.71	17.3	11.1	56
-7.44	17.3	11.4	50
-8.18	17.3	11.5	52
-8.92	17.3	11.6	45
-9.56	17.3	11.6	35
-10.24	17.3	11.9	31
-10.86	17.3	12.1	26
-11.57	17.3	12.3	32
-12.28	17.3	12.6	35
-13.00	17.3	12.9	43
-13.78	17.2	13.1	42
-14.20	17.2	13.2	319
Depth Avg	**17.3**	**11.2**	**47**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:49
Time after/before HT [MET]:	1:59
Coordinates [UTM-ED50] Easting:	588680
Coordinates [UTM-ED50] Northing:	5684301
Water-Bottom Interface Siltpr. [m TAW]:	-14.15
Waterdepth 210 kHz Echo [m TAW]:	-13.51
Waterdepth 33 kHz Echo [m TAW]:	-13.57
Surface Elevation [m TAW]:	1.97

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.62	17.3	11.0	80
0.87	17.4	11.0	76
0.10	17.3	11.1	77
-0.69	17.4	11.1	83
-1.40	17.4	11.2	82
-2.18	17.3	11.2	81
-2.94	17.4	11.3	80
-3.73	17.4	11.3	79
-4.45	17.4	11.3	82
-5.11	17.3	11.3	79
-5.90	17.4	11.4	77
-6.63	17.3	11.4	79
-7.37	17.3	11.4	77
-8.16	17.3	11.6	67
-8.91	17.3	11.8	49
-9.68	17.3	12.2	27
-10.42	17.3	12.5	28
-11.11	17.3	12.7	23
-11.74	17.3	12.7	24
-12.43	17.2	12.9	31
-13.09	17.2	13.0	33
-13.76	17.2	13.1	40
-14.15	17.2	13.1	72
Depth Avg	**17.3**	**11.7**	**64**



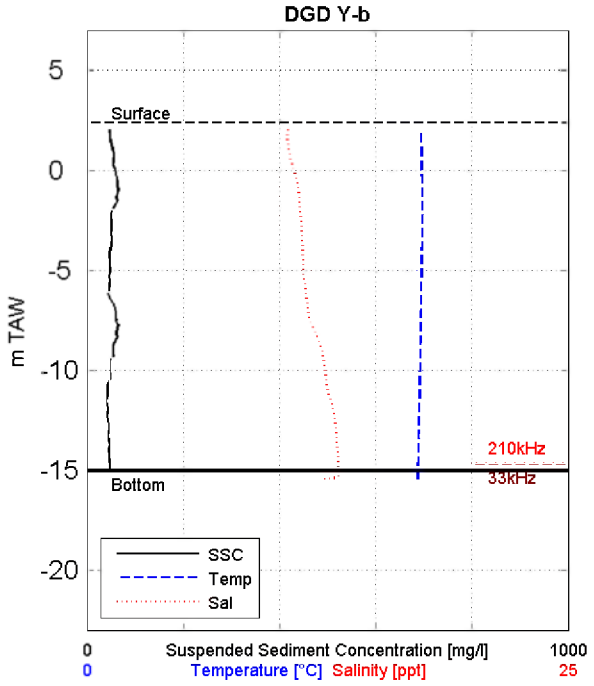
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

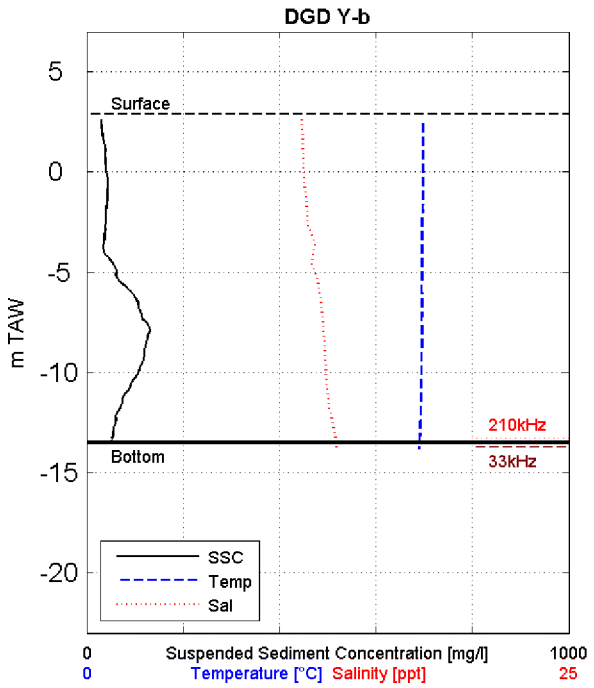
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8196 Yb_ctd.sil 8216 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:24
Time after/before HT [MET]:	2:34
Coordinates [UTM-ED50] Easting:	588655
Coordinates [UTM-ED50] Northing:	5684277
Water-Bottom Interface Siltpr. [m TAW]:	-15.04
Waterdepth 210 kHz Echo [m TAW]:	-14.60
Waterdepth 33 kHz Echo [m TAW]:	-14.69
Surface Elevation [m TAW]:	2.34

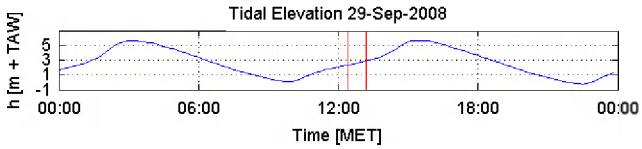
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.04	17.3	10.4	47
1.18	17.4	10.4	52
0.32	17.4	10.7	54
-0.47	17.4	10.9	64
-1.24	17.4	11.0	60
-1.99	17.4	11.1	51
-2.71	17.4	11.1	54
-3.45	17.4	11.2	51
-4.25	17.4	11.2	48
-5.09	17.4	11.2	49
-5.86	17.4	11.3	47
-6.71	17.4	11.4	56
-7.52	17.3	11.6	60
-8.29	17.3	11.9	63
-9.03	17.3	12.2	52
-9.79	17.3	12.3	44
-10.59	17.3	12.4	44
-11.34	17.3	12.6	41
-12.05	17.2	12.8	41
-12.81	17.2	12.9	45
-13.65	17.2	13.0	48
-14.48	17.2	13.0	48
-15.04	17.2	13.0	48
Depth Avg	**17.3**	**11.7**	**51**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:13
Time after/before HT [MET]:	3:23
Coordinates [UTM-ED50] Easting:	588669
Coordinates [UTM-ED50] Northing:	5684279
Water-Bottom Interface Siltpr. [m TAW]:	-13.51
Waterdepth 210 kHz Echo [m TAW]:	-13.29
Waterdepth 33 kHz Echo [m TAW]:	-13.71
Surface Elevation [m TAW]:	2.91

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.61	17.4	11.1	30
1.91	17.4	11.2	32
1.05	17.4	11.2	38
0.28	17.4	11.2	39
-0.48	17.4	11.3	44
-1.22	17.4	11.4	43
-1.90	17.4	11.4	39
-2.55	17.4	11.4	40
-3.21	17.4	11.7	37
-3.92	17.4	11.8	36
-4.64	17.4	11.7	59
-5.35	17.4	11.9	65
-6.09	17.4	12.1	95
-6.94	17.4	12.2	112
-7.71	17.4	12.3	130
-8.45	17.4	12.3	126
-9.21	17.3	12.4	118
-9.92	17.3	12.4	110
-10.75	17.3	12.4	89
-11.59	17.3	12.6	69
-12.37	17.3	12.7	60
-13.19	17.3	12.9	52
-13.51	17.3	12.9	49
Depth Avg	**17.4**	**11.9**	**67**



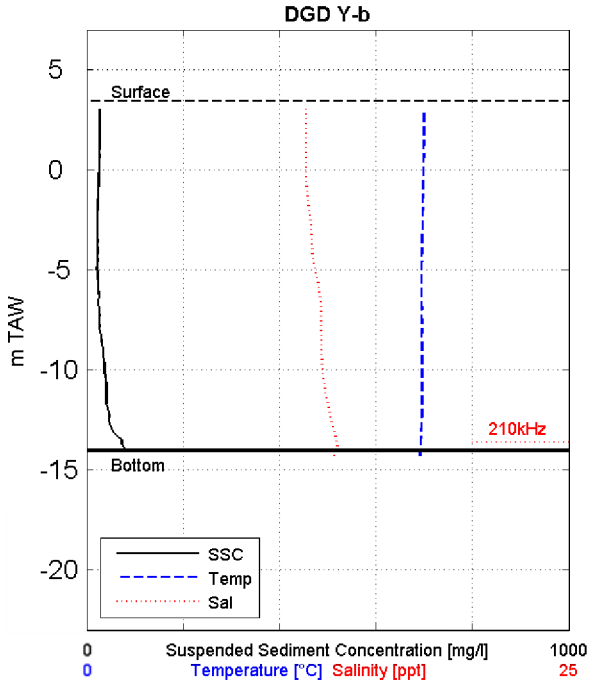
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

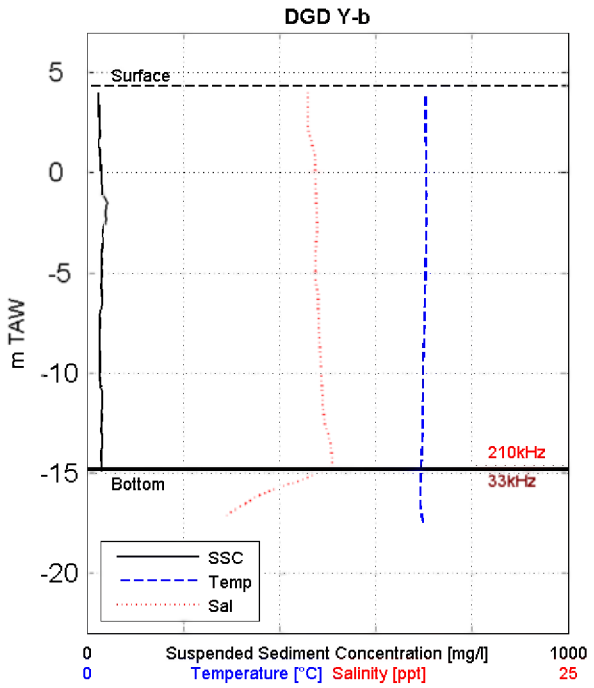
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8231 Yb_ctd.sil 8246 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:47
Time after/before HT [MET]:	3:57
Coordinates [UTM-ED50] Easting:	588666
Coordinates [UTM-ED50] Northing:	5684273
Water-Bottom Interface Siltpr. [m TAW]:	-14.05
Waterdepth 210 kHz Echo [m TAW]:	-13.61
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	3.42

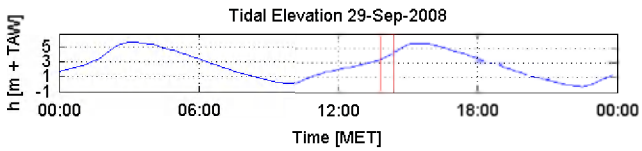
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.10	17.5	NaN	27
2.44	17.4	11.4	26
1.76	17.5	11.4	27
1.04	17.4	11.3	26
0.18	17.5	11.3	24
-0.66	17.4	11.4	24
-1.52	17.4	11.5	23
-2.60	17.4	11.6	21
-3.36	17.4	11.7	21
-3.97	17.4	11.7	22
-4.59	17.4	11.7	24
-5.18	17.3	11.9	22
-5.96	17.4	12.0	23
-6.88	17.4	12.1	26
-7.59	17.4	12.2	24
-8.35	17.4	12.2	28
-9.11	17.4	12.2	32
-9.90	17.4	12.2	36
-10.85	17.4	12.3	40
-11.74	17.4	12.5	39
-12.60	17.4	12.7	47
-13.53	17.3	12.9	76
-14.05	17.3	12.9	78
Depth Avg	**17.4**	**11.9**	**31**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:23
Time after/before HT [MET]:	4:33
Coordinates [UTM-ED50] Easting:	588654
Coordinates [UTM-ED50] Northing:	5684261
Water-Bottom Interface Siltpr. [m TAW]:	-14.82
Waterdepth 210 kHz Echo [m TAW]:	-14.63
Waterdepth 33 kHz Echo [m TAW]:	-14.71
Surface Elevation [m TAW]:	4.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.02	17.6	11.5	22
3.12	17.6	11.5	25
2.26	17.6	11.5	26
1.32	17.6	11.7	25
0.36	17.6	11.8	29
-0.54	17.6	11.9	31
-1.48	17.6	11.9	41
-2.26	17.6	11.9	40
-3.20	17.6	11.9	33
-4.14	17.6	11.9	29
-4.97	17.6	11.9	31
-5.76	17.6	11.9	28
-6.64	17.5	12.0	31
-7.63	17.5	12.0	27
-8.60	17.5	12.1	24
-9.52	17.5	12.1	26
-10.37	17.4	12.2	26
-11.23	17.4	12.2	34
-12.12	17.4	12.3	32
-13.03	17.4	12.5	31
-13.87	17.4	12.7	27
-14.73	17.4	12.7	29
-14.82	17.3	12.7	30
Depth Avg	**17.5**	**12.0**	**29**



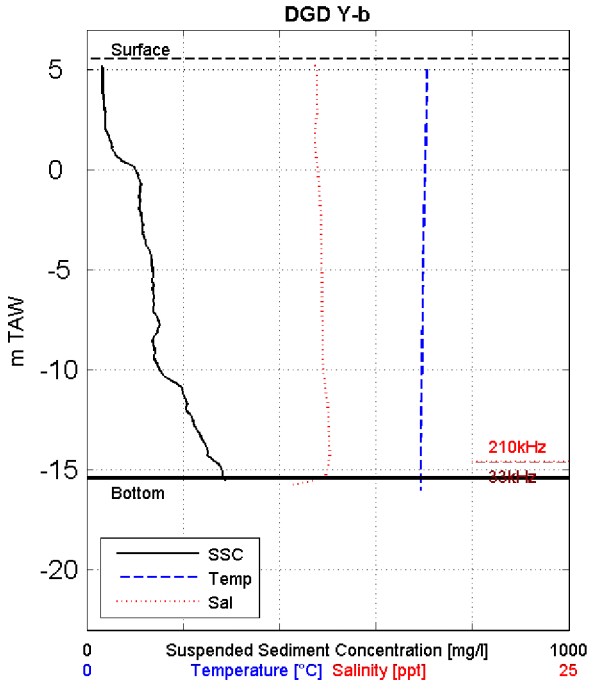
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

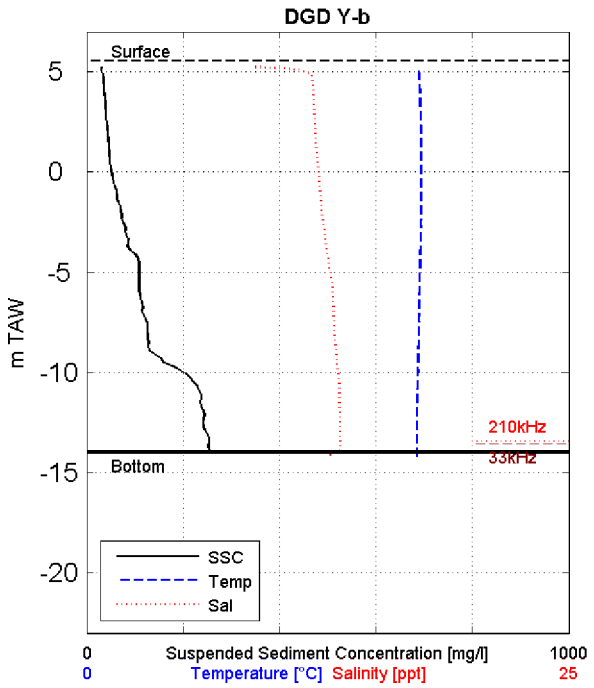
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8261 Yb_ctd.sil 8276 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:06
Time after/before HT [MET]:	5:16
Coordinates [UTM-ED50] Easting:	588651
Coordinates [UTM-ED50] Northing:	5684264
Water-Bottom Interface Siltpr. [m TAW]:	-15.44
Waterdepth 210 kHz Echo [m TAW]:	-14.56
Waterdepth 33 kHz Echo [m TAW]:	-14.62
Surface Elevation [m TAW]:	5.53

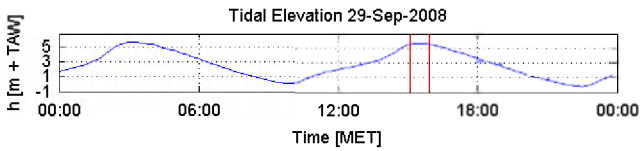
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.23	17.6	11.7	31
4.18	17.6	11.9	34
3.10	17.6	11.9	36
2.14	17.6	11.8	40
1.16	17.6	11.8	51
0.25	17.6	12.0	92
-0.74	17.5	12.0	112
-1.77	17.5	12.1	109
-2.78	17.5	12.1	119
-3.79	17.4	12.2	121
-4.70	17.4	12.2	132
-5.63	17.4	12.2	134
-6.54	17.4	12.2	136
-7.54	17.4	12.2	148
-8.45	17.4	12.2	137
-9.34	17.4	12.2	141
-10.20	17.4	12.3	153
-11.04	17.4	12.4	199
-12.02	17.3	12.5	206
-13.03	17.3	12.5	229
-14.05	17.3	12.6	251
-14.97	17.3	12.5	283
-15.44	17.3	12.4	289
Depth Avg	**17.4**	**12.2**	**131**



Siltprofiler

Date & Time [MET]:	29/9/2008 15:56
Time after/before HT [MET]:	6:06
Coordinates [UTM-ED50] Easting:	588678
Coordinates [UTM-ED50] Northing:	5684282
Water-Bottom Interface Siltpr. [m TAW]:	-13.99
Waterdepth 210 kHz Echo [m TAW]:	-13.42
Waterdepth 33 kHz Echo [m TAW]:	-13.56
Surface Elevation [m TAW]:	5.53

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.24	17.2	8.8	30
4.18	17.3	11.7	37
3.17	17.3	11.8	40
2.19	17.3	11.8	43
1.33	17.3	11.9	44
0.47	17.3	12.0	48
-0.52	17.3	12.1	55
-1.53	17.3	12.2	67
-2.54	17.3	12.3	76
-3.49	17.3	12.4	85
-4.43	17.3	12.5	106
-5.28	17.3	12.7	107
-6.17	17.2	12.8	111
-7.00	17.2	12.8	114
-7.79	17.2	12.8	125
-8.61	17.2	12.9	127
-9.49	17.2	13.0	157
-10.33	17.2	13.1	218
-11.19	17.1	13.1	236
-12.07	17.1	13.1	243
-12.91	17.1	13.1	244
-13.77	17.1	13.1	252
-13.99	17.1	13.0	257
Depth Avg	**17.2**	**12.4**	**112**



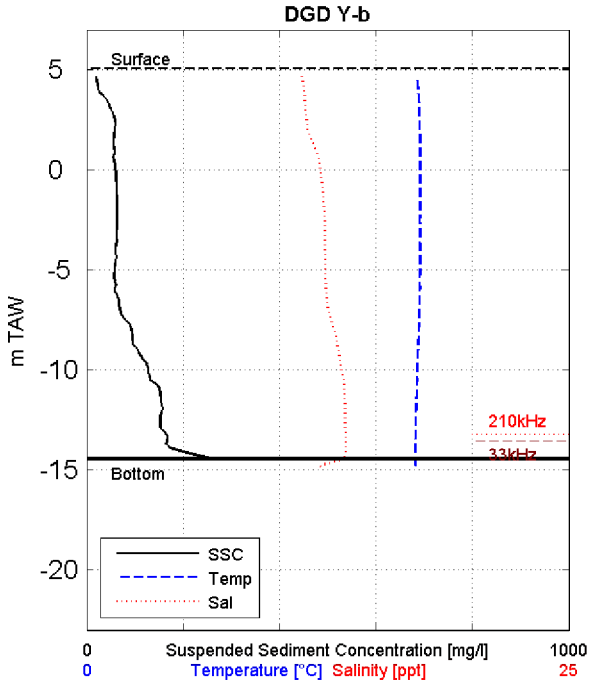
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

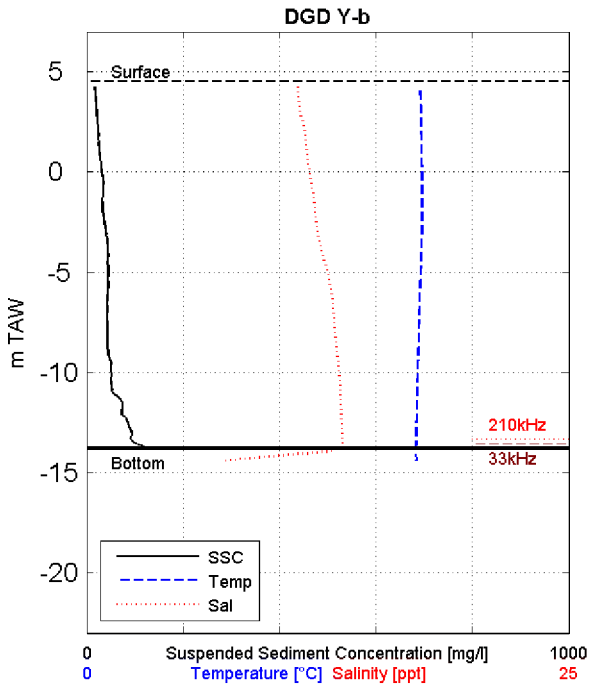
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8291 Yb_ctd.sil 8306 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:32
Time after/before HT [MET]:	6:42
Coordinates [UTM-ED50] Easting:	588685
Coordinates [UTM-ED50] Northing:	5684298
Water-Bottom Interface Siltpr. [m TAW]:	-14.47
Waterdepth 210 kHz Echo [m TAW]:	-13.23
Waterdepth 33 kHz Echo [m TAW]:	-13.55
Surface Elevation [m TAW]:	5.03

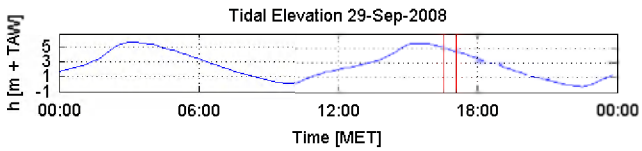
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.73	17.1	11.1	20
3.91	17.2	11.3	24
3.11	17.2	11.3	48
2.25	17.3	11.4	59
1.48	17.3	11.7	55
0.65	17.3	12.0	56
-0.31	17.3	12.1	60
-1.24	17.3	12.2	62
-2.25	17.2	12.3	65
-3.18	17.3	12.3	62
-4.17	17.3	12.3	61
-5.18	17.3	12.4	57
-6.18	17.3	12.4	58
-7.10	17.2	12.6	70
-7.95	17.2	12.8	93
-8.87	17.2	13.0	104
-9.75	17.1	13.2	126
-10.64	17.1	13.3	139
-11.52	17.1	13.4	151
-12.47	17.1	13.4	154
-13.38	17.1	13.4	166
-14.27	17.0	13.4	228
-14.47	17.0	13.3	433
Depth Avg	**17.2**	**12.4**	**85**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:04
Time after/before HT [MET]:	7:14
Coordinates [UTM-ED50] Easting:	588679
Coordinates [UTM-ED50] Northing:	5684292
Water-Bottom Interface Siltpr. [m TAW]:	-13.83
Waterdepth 210 kHz Echo [m TAW]:	-13.33
Waterdepth 33 kHz Echo [m TAW]:	-13.58
Surface Elevation [m TAW]:	4.53

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.23	17.3	10.9	16
3.47	17.3	11.0	19
2.59	17.3	11.2	21
1.84	17.3	11.3	24
1.06	17.4	11.4	24
0.28	17.4	11.5	29
-0.52	17.4	11.6	35
-1.37	17.4	11.8	32
-2.24	17.4	11.9	35
-3.12	17.4	12.0	41
-3.98	17.3	12.2	44
-4.82	17.3	12.4	45
-5.75	17.3	12.6	45
-6.65	17.3	12.8	43
-7.64	17.2	12.8	43
-8.52	17.2	12.9	44
-9.33	17.2	13.0	49
-10.22	17.1	13.1	51
-11.05	17.1	13.1	55
-11.94	17.1	13.2	72
-12.77	17.1	13.2	91
-13.59	17.1	13.3	108
-13.83	17.1	13.3	128
Depth Avg	**17.3**	**12.3**	**44**



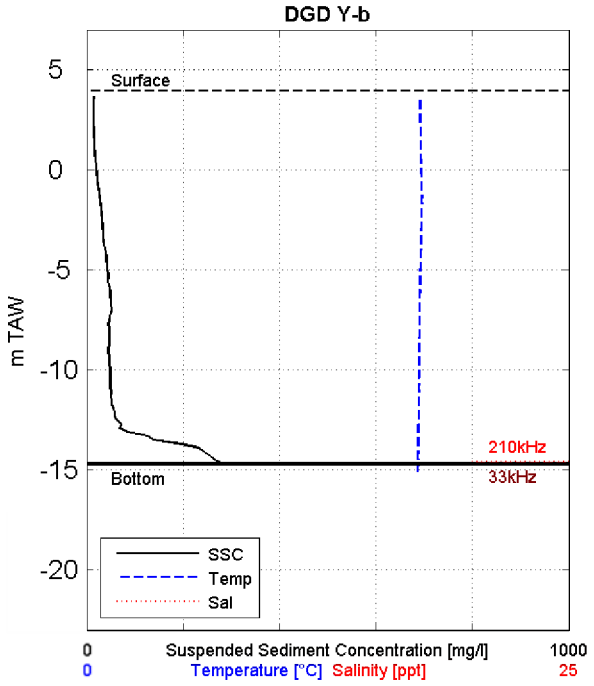
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

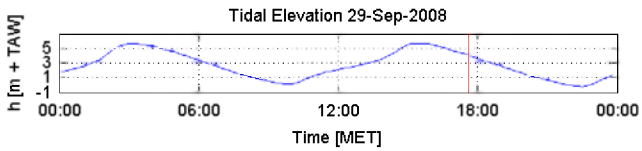
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8321 Yb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:38
Time after/before HT [MET]:	7:48
Coordinates [UTM-ED50] Easting:	588655
Coordinates [UTM-ED50] Northing:	5684272
Water-Bottom Interface Siltpr. [m TAW]:	-14.71
Waterdepth 210 kHz Echo [m TAW]:	-14.56
Waterdepth 33 kHz Echo [m TAW]:	-14.61
Surface Elevation [m TAW]:	3.97

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.68	17.3	NaN	15
2.71	17.3	NaN	14
1.76	17.3	NaN	14
0.82	17.3	NaN	16
-0.06	17.3	NaN	21
-0.85	17.4	NaN	24
-1.69	17.3	NaN	29
-2.52	17.3	NaN	31
-3.41	17.3	NaN	34
-4.24	17.3	NaN	39
-5.07	17.3	NaN	42
-6.01	17.3	NaN	49
-6.89	17.2	NaN	50
-7.76	17.2	NaN	46
-8.66	17.3	NaN	47
-9.50	17.2	NaN	46
-10.34	17.2	NaN	50
-11.14	17.2	NaN	51
-12.00	17.2	NaN	56
-12.81	17.2	NaN	66
-13.65	17.2	NaN	175
-14.52	17.2	NaN	263
-14.71	17.1	NaN	310
Depth Avg	**17.3**	**NaN**	**50**



Data Processed by: IMDC

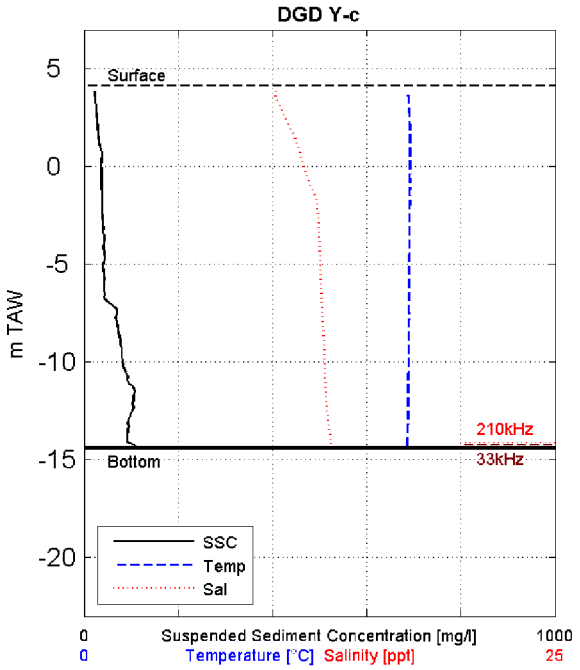
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.8 Location Yc

Through tide measurements Siltprofiler DGD Summer 2008

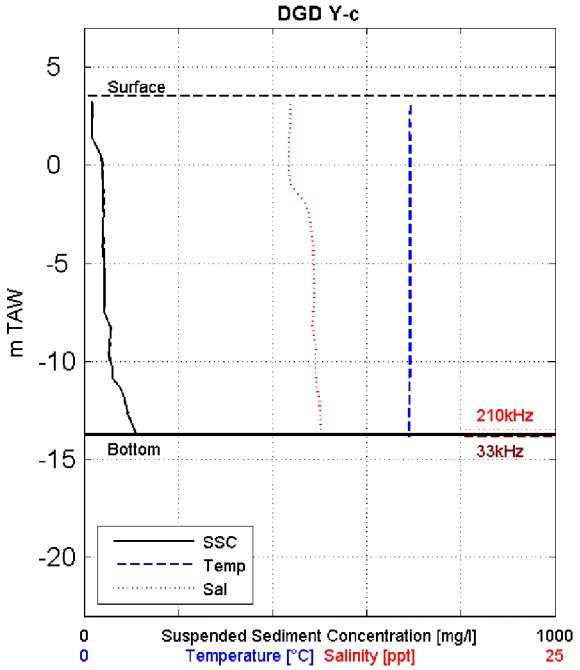
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8011 Yc_ctd.sil 8026 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:14
Time after/before HT [MET]:	2:04
Coordinates [UTM-ED50] Easting:	588704
Coordinates [UTM-ED50] Northing:	5684364
Water-Bottom Interface Siltpr. [m TAW]:	-14.41
Waterdepth 210 kHz Echo [m TAW]:	-14.12
Waterdepth 33 kHz Echo [m TAW]:	-14.23
Surface Elevation [m TAW]:	4.15

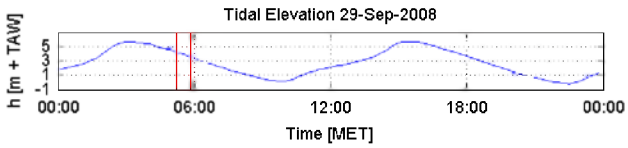
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.87	17.2	10.2	23
2.99	17.3	10.4	25
2.15	17.3	10.8	29
1.31	17.3	11.3	30
0.46	17.3	11.5	36
-0.43	17.3	11.8	36
-1.39	17.3	12.2	37
-2.39	17.3	12.4	38
-3.35	17.3	12.5	39
-4.33	17.3	12.5	43
-5.22	17.2	12.5	40
-6.03	17.3	12.6	41
-6.82	17.3	12.6	47
-7.65	17.2	12.6	63
-8.49	17.2	12.7	73
-9.38	17.2	12.7	78
-10.31	17.2	12.8	86
-11.19	17.2	12.8	101
-12.06	17.2	12.8	102
-12.96	17.2	12.9	95
-13.78	17.1	13.0	89
-14.41	17.1	13.1	63
-14.41	17.1	13.1	150
Depth Avg	**17.2**	**12.2**	**56**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:51
Time after/before HT [MET]:	2:41
Coordinates [UTM-ED50] Easting:	588681
Coordinates [UTM-ED50] Northing:	5684362
Water-Bottom Interface Siltpr. [m TAW]:	-13.76
Waterdepth 210 kHz Echo [m TAW]:	-13.45
Waterdepth 33 kHz Echo [m TAW]:	-13.87
Surface Elevation [m TAW]:	3.52

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.24	17.3	NaN	16
2.29	17.3	11.0	16
1.38	17.3	10.9	18
0.47	17.3	10.9	35
-0.41	17.3	10.9	35
-1.25	17.3	11.2	40
-2.16	17.3	11.8	39
-3.09	17.2	12.0	40
-3.88	17.3	12.1	40
-4.62	17.3	12.2	41
-5.40	17.3	12.2	42
-6.21	17.3	12.2	43
-7.00	17.3	12.2	43
-7.79	17.3	12.1	48
-8.52	17.3	12.1	56
-9.33	17.3	12.3	54
-10.07	17.3	12.3	59
-10.81	17.3	12.3	59
-11.47	17.3	12.4	79
-12.14	17.3	12.5	88
-12.82	17.2	12.5	95
-13.49	17.2	12.6	103
-13.76	17.2	12.6	131
Depth Avg	**17.3**	**11.8**	**47**



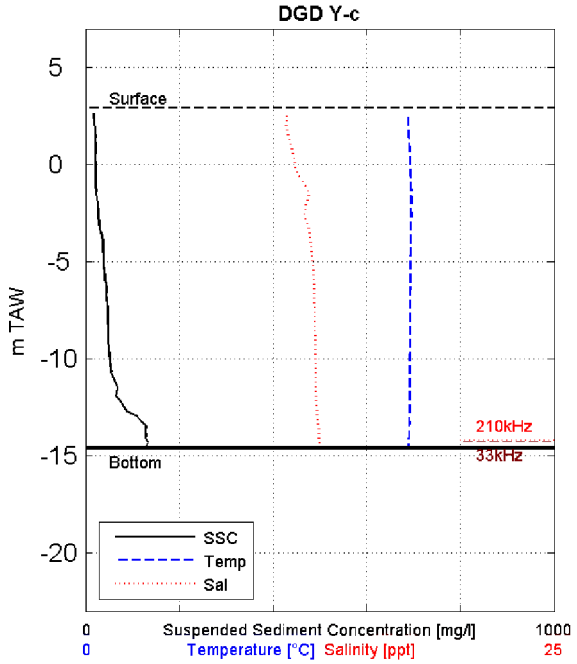
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

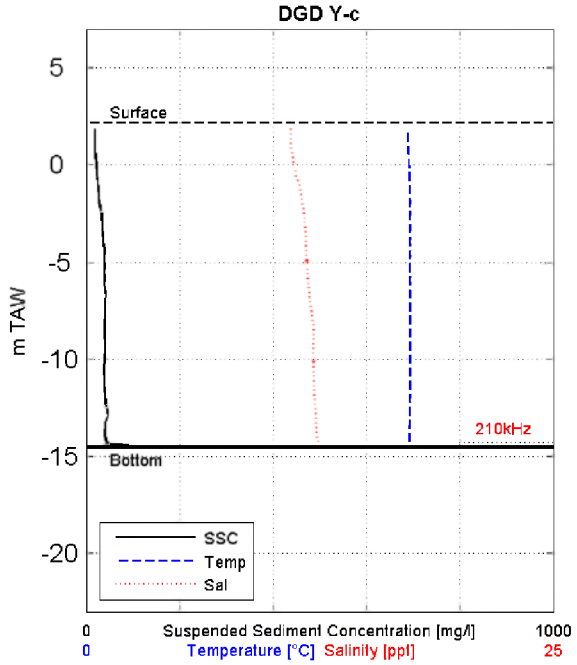
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8041 Yc_ctd.sil 8057 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:23
Time after/before HT [MET]:	3:13
Coordinates [UTM-ED50] Easting:	588693
Coordinates [UTM-ED50] Northing:	5684357
Water-Bottom Interface Siltpr. [m TAW]:	-14.61
Waterdepth 210 kHz Echo [m TAW]:	-14.16
Waterdepth 33 kHz Echo [m TAW]:	-14.26
Surface Elevation [m TAW]:	2.92

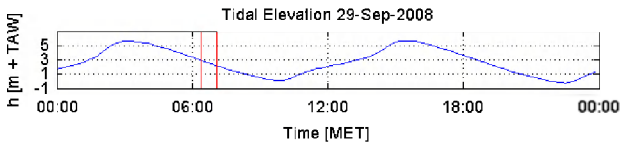
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.64	17.2	NaN	17
1.78	17.3	10.7	19
0.78	17.3	11.0	20
-0.13	17.3	11.2	21
-1.00	17.4	11.7	21
-1.83	17.4	11.8	25
-2.64	17.4	11.7	26
-3.48	17.4	11.9	32
-4.33	17.3	12.0	39
-5.13	17.3	12.1	36
-5.91	17.3	12.2	40
-6.67	17.3	12.2	45
-7.53	17.3	12.2	48
-8.37	17.3	12.2	47
-9.15	17.3	12.2	49
-9.94	17.3	12.3	51
-10.72	17.3	12.3	54
-11.44	17.3	12.3	68
-12.20	17.3	12.3	75
-12.91	17.3	12.3	109
-13.67	17.3	12.4	128
-14.37	17.3	12.5	133
-14.61	17.2	12.5	128
Depth Avg	**17.3**	**11.9**	**47**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:04
Time after/before HT [MET]:	3:54
Coordinates [UTM-ED50] Easting:	588706
Coordinates [UTM-ED50] Northing:	5684351
Water-Bottom Interface Siltpr. [m TAW]:	-14.52
Waterdepth 210 kHz Echo [m TAW]:	-14.29
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.18

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.90	17.2	10.9	18
1.04	17.3	10.9	19
0.23	17.2	11.1	20
-0.56	17.3	11.3	22
-1.32	17.3	11.4	25
-2.18	17.3	11.6	30
-3.13	17.3	11.7	32
-4.04	17.3	11.7	36
-4.88	17.3	11.8	36
-5.76	17.3	11.8	40
-6.57	17.3	11.9	41
-7.39	17.3	12.0	38
-8.26	17.3	12.2	39
-9.01	17.3	12.1	40
-9.92	17.3	12.1	37
-10.73	17.3	12.2	36
-11.56	17.3	12.2	38
-12.40	17.3	12.2	41
-13.21	17.3	12.3	41
-13.97	17.3	12.3	40
-14.46	17.3	12.5	46
-14.49	17.3	12.5	47
-14.52	17.3	12.5	258
Depth Avg	**17.3**	**11.8**	**34**



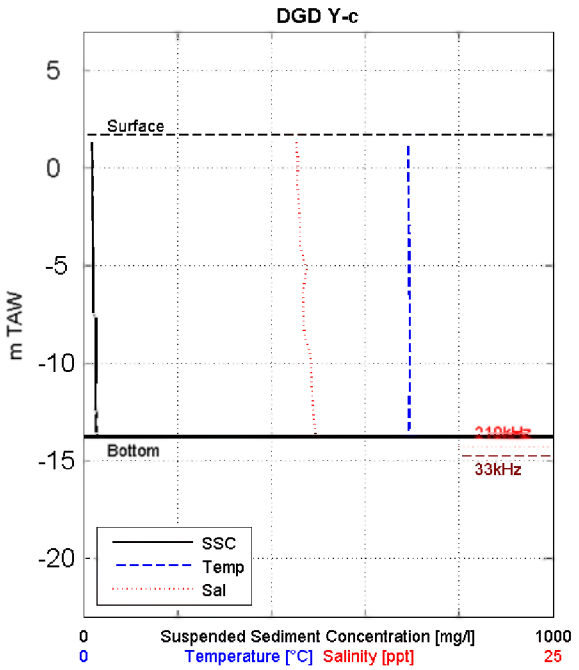
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

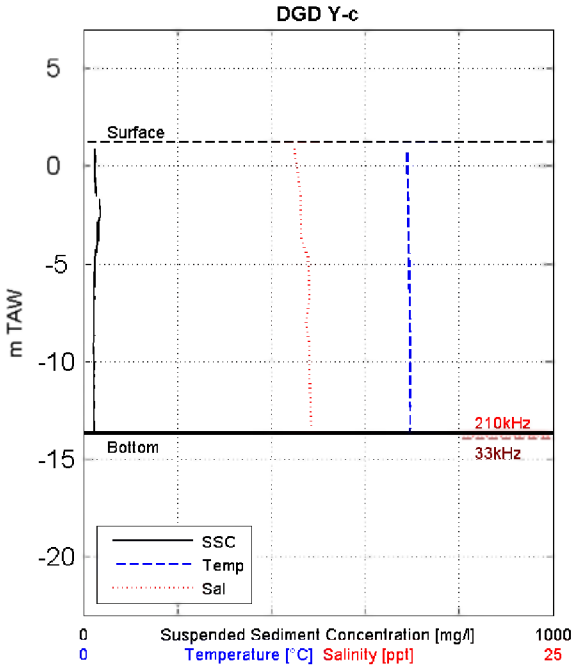
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8072 Yc_ctd.sil 8087 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:34
Time after/before HT [MET]:	4:24
Coordinates [UTM-ED50] Easting:	588683
Coordinates [UTM-ED50] Northing:	5684357
Water-Bottom Interface Siltpr. [m TAW]:	-13.77
Waterdepth 210 kHz Echo [m TAW]:	-14.26
Waterdepth 33 kHz Echo [m TAW]:	-14.75
Surface Elevation [m TAW]:	1.67

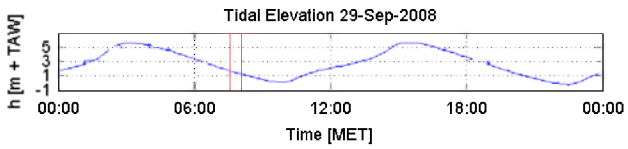
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.36	17.3	NaN	19
0.63	17.3	11.4	19
-0.16	17.3	11.4	17
-0.92	17.3	11.4	18
-1.61	17.3	11.4	17
-2.39	17.3	11.5	19
-3.14	17.3	11.5	18
-3.89	17.3	11.5	21
-4.63	17.3	11.7	21
-5.35	17.3	11.9	19
-6.06	17.3	11.7	22
-6.77	17.3	11.7	23
-7.44	17.4	11.7	21
-8.25	17.4	11.7	29
-8.94	17.3	11.9	27
-9.69	17.4	12.1	29
-10.41	17.4	12.1	28
-11.12	17.4	12.2	26
-11.76	17.4	12.2	23
-12.50	17.3	12.2	27
-13.21	17.3	12.3	25
-13.77	17.3	12.4	36
Depth Avg	**17.3**	**11.7**	**22**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:04
Time after/before HT [MET]:	4:54
Coordinates [UTM-ED50] Easting:	588691
Coordinates [UTM-ED50] Northing:	5684348
Water-Bottom Interface Siltpr. [m TAW]:	-13.66
Waterdepth 210 kHz Echo [m TAW]:	-13.85
Waterdepth 33 kHz Echo [m TAW]:	-13.97
Surface Elevation [m TAW]:	1.23

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.93	17.2	11.2	23
0.13	17.3	11.3	23
-0.57	17.3	11.4	24
-1.27	17.3	11.5	27
-2.04	17.3	11.6	34
-2.77	17.3	11.6	32
-3.47	17.3	11.6	31
-4.20	17.3	11.8	28
-4.94	17.3	11.9	24
-5.72	17.3	12.0	23
-6.48	17.3	12.0	22
-7.22	17.4	11.9	22
-7.96	17.4	11.8	22
-8.70	17.3	11.9	22
-9.41	17.4	12.0	18
-10.10	17.4	12.0	22
-10.77	17.4	12.0	22
-11.45	17.4	12.0	21
-12.11	17.4	12.1	23
-12.88	17.4	12.1	20
-13.52	17.4	12.1	23
-13.64	17.4	12.1	22
-13.66	17.4	12.1	24
Depth Avg	**17.3**	**11.8**	**24**



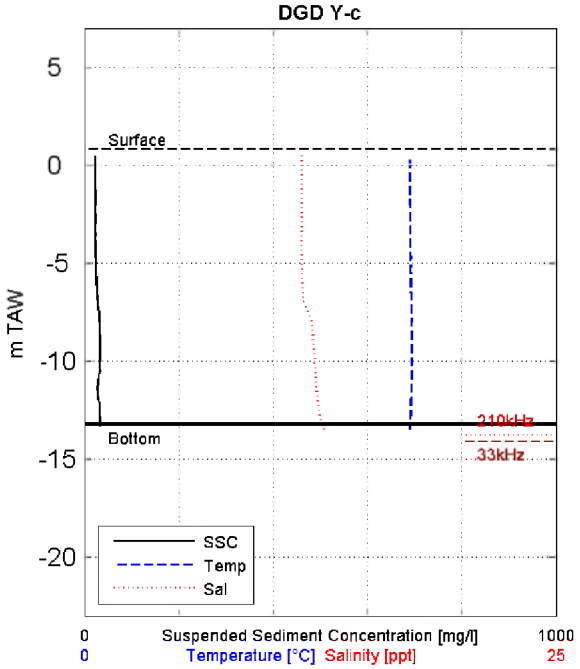
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

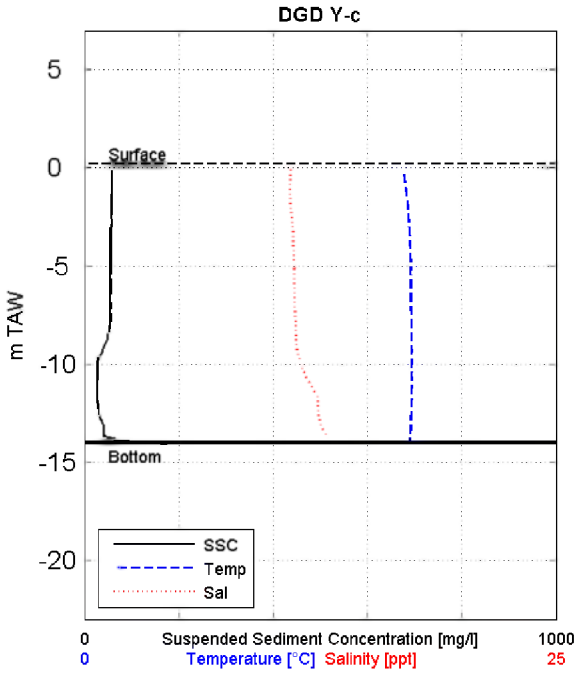
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8102 Yc_ctd.sil 8122 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:34
Time after/before HT [MET]:	5:24
Coordinates [UTM-ED50] Easting:	588680
Coordinates [UTM-ED50] Northing:	5684351
Water-Bottom Interface Siltpr. [m TAW]:	-13.24
Waterdepth 210 kHz Echo [m TAW]:	-13.74
Waterdepth 33 kHz Echo [m TAW]:	-14.08
Surface Elevation [m TAW]:	0.82

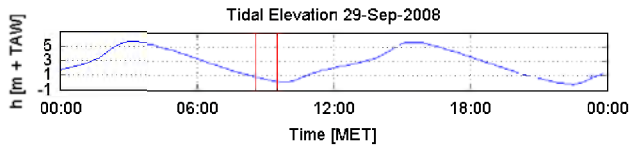
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.52	17.2	11.5	22
-0.05	17.3	11.5	22
-0.68	17.2	11.5	21
-1.32	17.2	11.5	22
-1.94	17.2	11.5	22
-2.56	17.3	11.5	22
-3.17	17.3	11.5	22
-3.78	17.3	11.5	22
-4.35	17.3	11.5	24
-4.91	17.3	11.5	23
-5.53	17.3	11.5	24
-6.14	17.3	11.5	24
-6.78	17.3	11.6	27
-7.44	17.3	11.8	28
-8.16	17.3	12.0	31
-8.85	17.3	12.1	34
-9.56	17.3	12.2	33
-10.29	17.3	12.2	32
-11.03	17.3	12.3	28
-11.69	17.3	12.3	28
-12.31	17.3	12.4	33
-12.98	17.3	12.5	31
-13.24	17.2	12.6	100
Depth Avg	**17.3**	**11.8**	**26**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:30
Time after/before HT [MET]:	6:20
Coordinates [UTM-ED50] Easting:	588703
Coordinates [UTM-ED50] Northing:	5684351
Water-Bottom Interface Siltpr. [m TAW]:	-14.02
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.21

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.11	16.9	10.9	59
-0.80	17.0	10.9	54
-1.47	17.1	10.9	56
-2.20	17.1	10.9	58
-2.91	17.2	11.0	56
-3.58	17.2	11.0	55
-4.27	17.3	11.1	54
-4.95	17.3	11.1	56
-5.67	17.3	11.1	53
-6.38	17.3	11.1	55
-7.14	17.3	11.1	54
-7.86	17.3	11.2	53
-8.56	17.3	11.2	47
-9.23	17.3	11.2	39
-9.89	17.3	11.4	28
-10.55	17.3	11.7	27
-11.20	17.3	12.0	25
-11.81	17.3	12.3	27
-12.42	17.3	12.4	30
-13.02	17.3	12.5	39
-13.65	17.2	12.8	40
-14.02	17.3	12.9	47
-14.02	17.2	12.9	616
Depth Avg	**17.2**	**11.4**	**47**



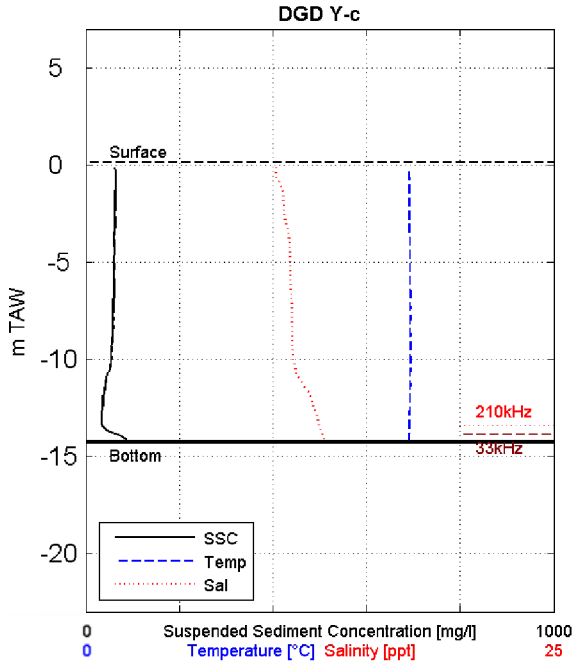
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

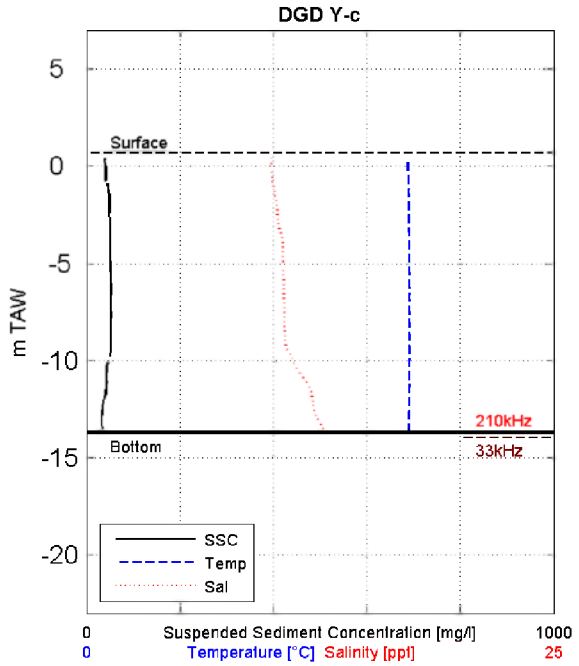
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8137 Yc_ctd.sil 8152 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:03
Time after/before HT [MET]:	0:13
Coordinates [UTM-ED50] Easting:	588694
Coordinates [UTM-ED50] Northing:	5684354
Water-Bottom Interface Siltpr. [m TAW]:	-14.25
Waterdepth 210 kHz Echo [m TAW]:	-13.41
Waterdepth 33 kHz Echo [m TAW]:	-13.85
Surface Elevation [m TAW]:	0.16

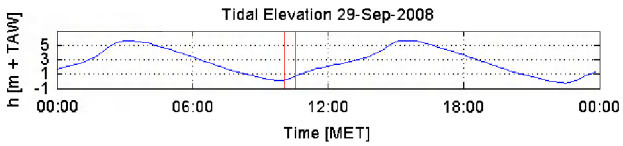
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.12	17.3	10.2	60
-0.73	17.3	10.3	63
-1.34	17.3	10.6	64
-1.93	17.3	10.6	63
-2.60	17.3	10.6	63
-3.29	17.3	10.8	62
-3.97	17.3	10.9	60
-4.68	17.3	10.9	59
-5.37	17.3	10.9	60
-6.07	17.3	10.9	60
-6.73	17.3	11.0	59
-7.41	17.3	11.0	59
-8.01	17.3	11.0	58
-8.67	17.3	11.0	57
-9.28	17.3	11.0	55
-9.97	17.3	11.1	55
-10.54	17.3	11.2	51
-11.17	17.3	11.5	41
-11.82	17.3	11.9	39
-12.46	17.3	12.2	37
-13.19	17.3	12.4	34
-13.88	17.3	12.6	66
-14.25	17.2	12.8	86
Depth Avg	**17.3**	**11.1**	**55**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:34
Time after/before HT [MET]:	0:44
Coordinates [UTM-ED50] Easting:	588695
Coordinates [UTM-ED50] Northing:	5684349
Water-Bottom Interface Siltpr. [m TAW]:	-13.72
Waterdepth 210 kHz Echo [m TAW]:	-13.77
Waterdepth 33 kHz Echo [m TAW]:	-13.94
Surface Elevation [m TAW]:	0.71

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.42	17.2	9.9	39
-0.29	17.2	9.9	41
-0.89	17.2	9.9	45
-1.52	17.2	10.1	48
-2.21	17.2	10.2	48
-2.88	17.2	10.3	48
-3.56	17.3	10.4	49
-4.21	17.3	10.5	49
-4.94	17.2	10.5	51
-5.55	17.3	10.5	52
-6.25	17.3	10.5	52
-6.91	17.3	10.6	51
-7.60	17.3	10.6	54
-8.26	17.3	10.6	51
-8.94	17.3	10.6	51
-9.61	17.3	10.8	49
-10.30	17.3	11.2	44
-10.99	17.3	11.7	41
-11.65	17.3	12.0	40
-12.39	17.3	12.1	32
-13.15	17.3	12.4	30
-13.66	17.2	12.7	34
-13.72	17.2	12.8	35
Depth Avg	**17.2**	**10.8**	**46**



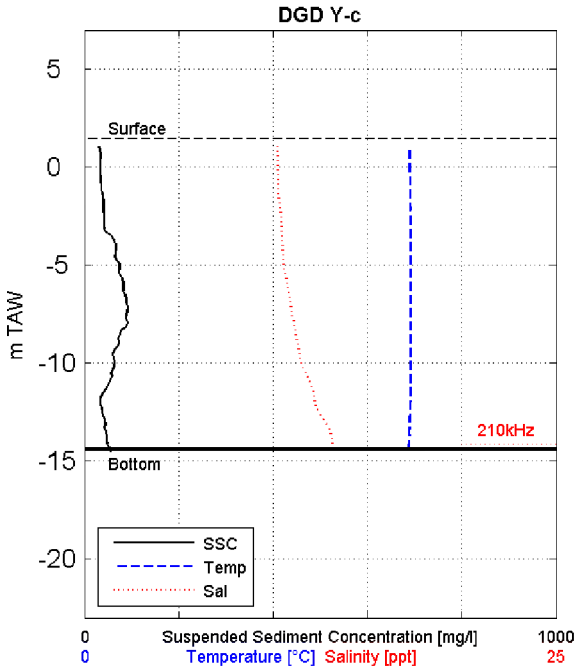
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

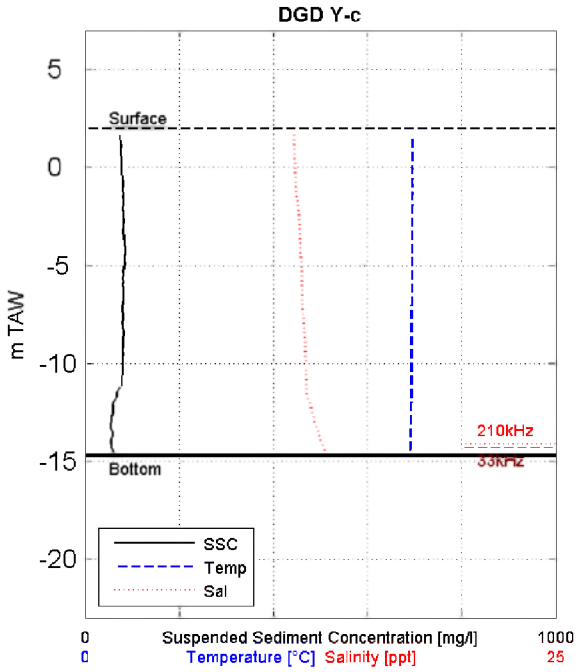
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8167 Yc_ctd.sil 8182 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:11
Time after/before HT [MET]:	1:21
Coordinates [UTM-ED50] Easting:	588725
Coordinates [UTM-ED50] Northing:	5684370
Water-Bottom Interface Siltpr. [m TAW]:	-14.42
Waterdepth 210 kHz Echo [m TAW]:	-14.13
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.46

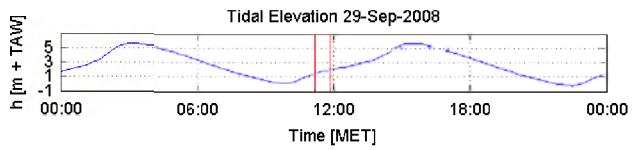
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.18	17.2	NaN	30
0.45	17.3	10.3	35
-0.29	17.3	10.3	33
-0.95	17.3	10.3	36
-1.76	17.3	10.3	40
-2.53	17.3	10.4	43
-3.26	17.3	10.4	45
-3.98	17.3	10.5	67
-4.73	17.3	10.5	66
-5.40	17.3	10.6	71
-6.09	17.3	10.8	85
-6.82	17.3	10.9	88
-7.56	17.3	11.0	87
-8.35	17.3	11.2	77
-9.13	17.3	11.3	69
-9.87	17.3	11.4	63
-10.61	17.3	11.8	56
-11.27	17.3	12.1	47
-12.01	17.3	12.2	34
-12.68	17.2	12.5	42
-13.39	17.2	13.0	43
-14.02	17.2	13.1	49
-14.42	17.1	13.2	55
Depth Avg	**17.3**	**11.1**	**55**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:51
Time after/before HT [MET]:	2:01
Coordinates [UTM-ED50] Easting:	588718
Coordinates [UTM-ED50] Northing:	5684371
Water-Bottom Interface Siltpr. [m TAW]:	-14.70
Waterdepth 210 kHz Echo [m TAW]:	-14.12
Waterdepth 33 kHz Echo [m TAW]:	-14.28
Surface Elevation [m TAW]:	1.99

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.69	17.4	11.1	72
1.27	17.4	11.1	74
0.93	17.4	11.1	76
0.34	17.4	11.1	77
-0.43	17.4	11.1	81
-1.31	17.4	11.2	82
-2.09	17.4	11.3	79
-2.95	17.4	11.4	81
-3.76	17.4	11.4	83
-4.70	17.4	11.4	82
-5.49	17.4	11.5	80
-6.40	17.3	11.5	83
-7.23	17.3	11.5	77
-8.12	17.3	11.6	79
-9.00	17.4	11.7	80
-9.84	17.3	11.7	79
-10.67	17.3	11.7	77
-11.51	17.3	11.8	68
-12.32	17.3	12.0	60
-13.18	17.3	12.3	53
-14.01	17.3	12.6	52
-14.63	17.3	12.9	62
-14.70	17.3	12.9	61
Depth Avg	**17.3**	**11.6**	**76**



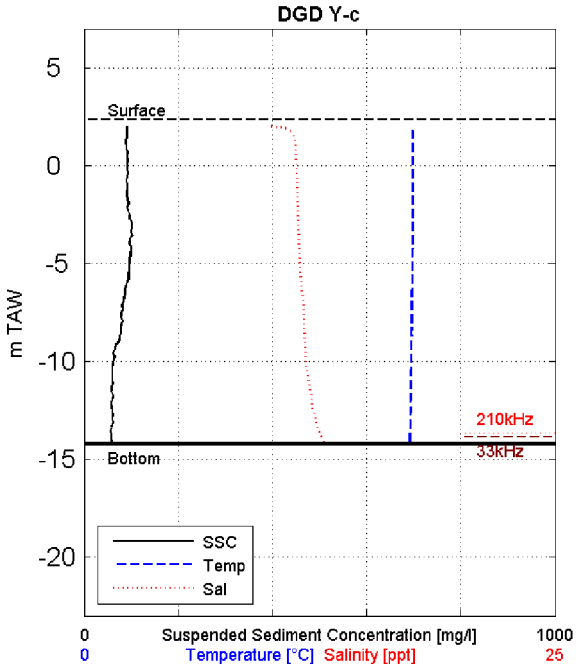
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

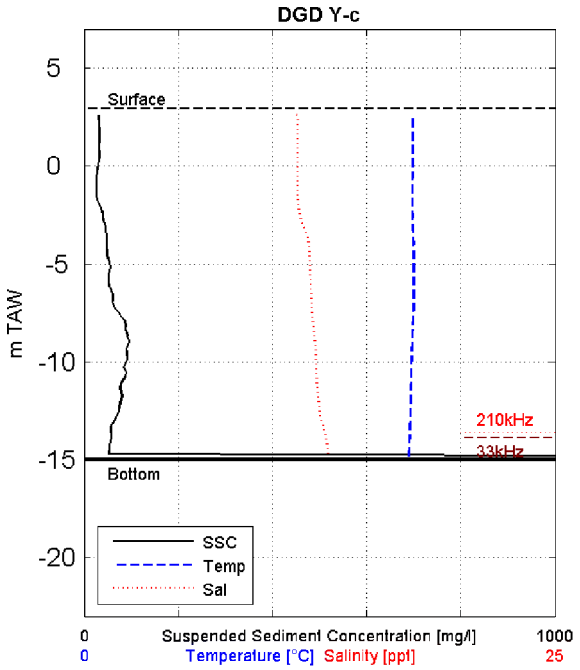
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8197 Yc_ctd.sil 8217 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:26
Time after/before HT [MET]:	2:36
Coordinates [UTM-ED50] Easting:	588699
Coordinates [UTM-ED50] Northing:	5684343
Water-Bottom Interface Siltpr. [m TAW]:	-14.23
Waterdepth 210 kHz Echo [m TAW]:	-13.65
Waterdepth 33 kHz Echo [m TAW]:	-13.85
Surface Elevation [m TAW]:	2.36

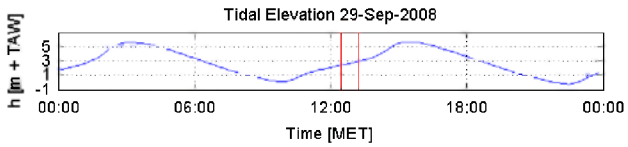
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.04	17.4	9.8	91
1.30	17.4	11.2	89
0.64	17.4	11.2	93
-0.08	17.4	11.3	92
-0.91	17.4	11.3	93
-1.73	17.4	11.3	93
-2.54	17.4	11.3	97
-3.40	17.4	11.4	101
-4.20	17.4	11.4	100
-4.94	17.4	11.4	97
-5.71	17.4	11.5	94
-6.52	17.4	11.6	88
-7.31	17.4	11.6	82
-8.09	17.4	11.7	79
-8.87	17.4	11.7	75
-9.74	17.4	11.7	65
-10.57	17.3	11.8	57
-11.43	17.3	12.0	58
-12.24	17.3	12.1	58
-13.08	17.3	12.3	62
-13.91	17.3	12.6	58
-14.21	17.2	12.8	147
-14.23	17.3	12.8	614
Depth Avg	**17.4**	**11.6**	**81**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:14
Time after/before HT [MET]:	3:24
Coordinates [UTM-ED50] Easting:	588695
Coordinates [UTM-ED50] Northing:	5684352
Water-Bottom Interface Siltpr. [m TAW]:	-15.03
Waterdepth 210 kHz Echo [m TAW]:	-13.64
Waterdepth 33 kHz Echo [m TAW]:	-13.88
Surface Elevation [m TAW]:	2.92

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.64	17.4	11.3	31
1.71	17.4	11.3	32
0.82	17.4	11.3	32
-0.19	17.4	11.3	28
-1.10	17.4	11.3	26
-2.05	17.4	11.4	35
-2.94	17.4	11.6	43
-3.87	17.5	11.9	45
-4.78	17.5	12.0	51
-5.71	17.5	12.0	50
-6.58	17.5	12.0	63
-7.49	17.4	12.1	76
-8.47	17.4	12.2	91
-9.40	17.4	12.3	90
-10.36	17.3	12.3	81
-11.27	17.3	12.4	76
-12.25	17.3	12.5	76
-13.19	17.3	12.6	58
-14.17	17.3	12.9	57
-14.91	17.2	13.0	109
-14.95	17.2	13.0	4976
-14.98	17.2	13.0	4096
-15.03	17.2	13.0	3462
Depth Avg	**17.4**	**12.0**	**83**



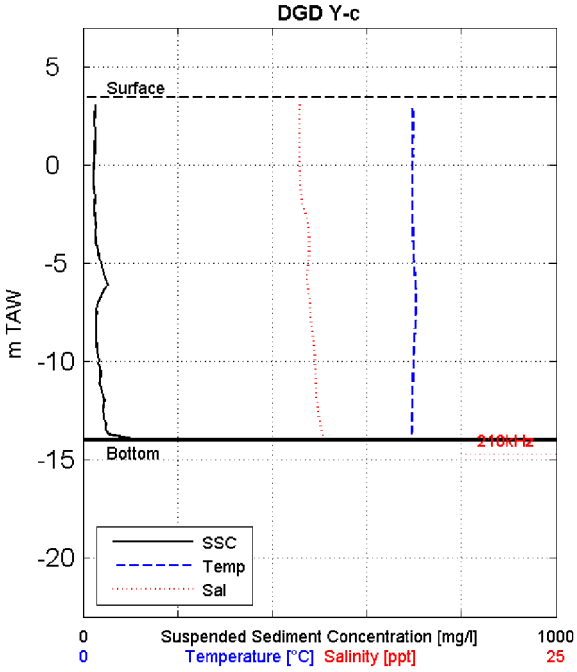
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

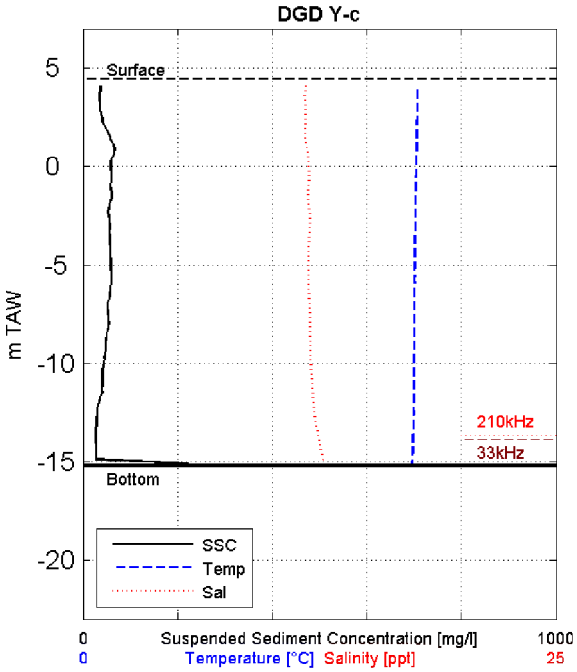
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8232 Yc_ctd.sil 8247 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:49
Time after/before HT [MET]:	3:59
Coordinates [UTM-ED50] Easting:	588711
Coordinates [UTM-ED50] Northing:	5684336
Water-Bottom Interface Siltpr. [m TAW]:	-13.98
Waterdepth 210 kHz Echo [m TAW]:	-14.71
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	3.45

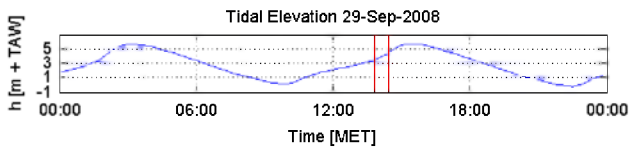
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.16	17.4	11.4	26
2.36	17.4	11.4	23
1.46	17.4	11.4	24
0.67	17.4	11.4	24
-0.12	17.4	11.4	23
-0.87	17.4	11.5	21
-1.71	17.4	11.5	24
-2.84	17.4	11.9	27
-3.56	17.4	11.9	26
-4.34	17.4	12.0	31
-5.01	17.5	11.9	37
-5.86	17.6	11.8	48
-6.63	17.6	11.9	37
-7.46	17.6	12.0	27
-8.32	17.5	12.1	28
-9.14	17.5	12.2	28
-9.94	17.4	12.2	33
-10.73	17.4	12.3	37
-11.57	17.4	12.3	41
-12.47	17.4	12.4	40
-13.24	17.4	12.5	49
-13.97	17.4	12.7	65
-13.98	17.4	12.7	66
Depth Avg	**17.4**	**11.9**	**32**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:25
Time after/before HT [MET]:	4:35
Coordinates [UTM-ED50] Easting:	588697
Coordinates [UTM-ED50] Northing:	5684349
Water-Bottom Interface Siltpr. [m TAW]:	-15.18
Waterdepth 210 kHz Echo [m TAW]:	-13.65
Waterdepth 33 kHz Echo [m TAW]:	-13.84
Surface Elevation [m TAW]:	4.43

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.14	17.6	11.8	36
3.15	17.6	11.7	36
2.20	17.6	11.7	40
1.21	17.6	11.8	63
0.28	17.6	11.9	56
-0.71	17.6	11.9	59
-1.66	17.6	11.9	59
-2.74	17.5	12.0	54
-3.76	17.5	11.9	56
-4.76	17.6	11.9	58
-5.74	17.5	11.9	57
-6.66	17.5	11.9	56
-7.64	17.5	12.0	54
-8.59	17.5	12.0	49
-9.51	17.5	12.0	44
-10.56	17.5	12.1	43
-11.60	17.5	12.1	37
-12.58	17.5	12.2	30
-13.58	17.4	12.4	27
-14.54	17.4	12.6	26
-15.09	17.4	NaN	79
-15.13	17.4	NaN	82
-15.18	17.4	NaN	239
Depth Avg	**17.5**	**12.0**	**48**



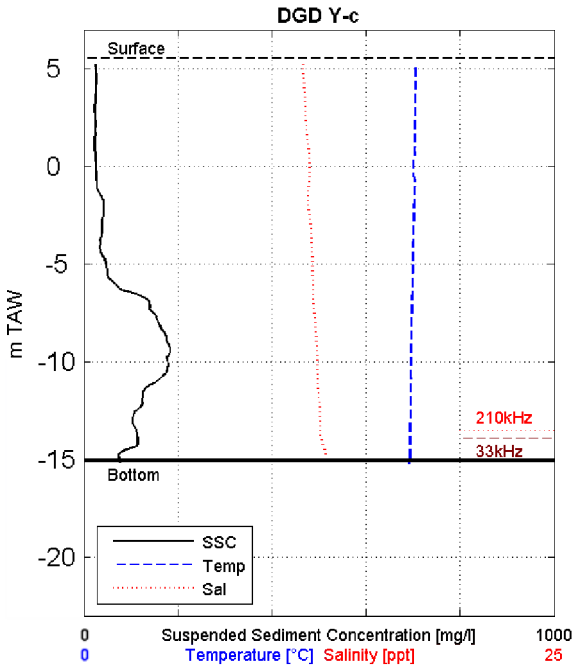
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

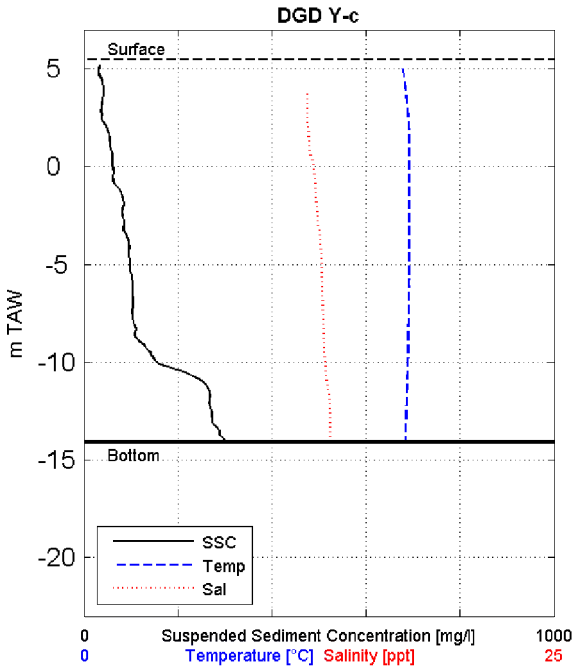
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8262 Yc_ctd.sil 8277 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:08
Time after/before HT [MET]:	5:18
Coordinates [UTM-ED50] Easting:	588693
Coordinates [UTM-ED50] Northing:	5684342
Water-Bottom Interface Siltpr. [m TAW]:	-15.06
Waterdepth 210 kHz Echo [m TAW]:	-13.53
Waterdepth 33 kHz Echo [m TAW]:	-13.87
Surface Elevation [m TAW]:	5.55

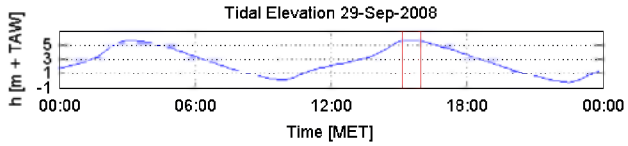
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.27	17.6	11.6	24
4.48	17.6	11.7	28
3.63	17.6	11.7	25
2.71	17.6	11.8	22
1.71	17.6	11.8	25
0.75	17.6	12.0	23
-0.23	17.5	12.0	26
-1.34	17.5	11.9	32
-2.40	17.5	12.0	41
-3.36	17.5	12.1	41
-4.36	17.5	12.1	37
-5.40	17.4	12.2	49
-6.23	17.4	12.2	72
-7.12	17.4	12.2	137
-8.08	17.4	12.3	163
-9.11	17.4	12.4	184
-10.09	17.4	12.4	183
-11.05	17.3	12.4	152
-11.91	17.3	12.5	124
-12.81	17.3	12.5	105
-13.77	17.3	12.6	115
-14.71	17.3	12.8	72
-15.06	17.3	NaN	79
Depth Avg	**17.5**	**12.1**	**77**



Siltprofiler

Date & Time [MET]:	29/9/2008 15:58
Time after/before HT [MET]:	6:08
Coordinates [UTM-ED50] Easting:	588685
Coordinates [UTM-ED50] Northing:	5684353
Water-Bottom Interface Siltpr. [m TAW]:	-14.08
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	5.51

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.23	16.9	NaN	33
4.13	17.1	NaN	40
3.20	17.2	11.9	39
2.33	17.3	11.9	39
1.43	17.3	11.9	55
0.50	17.3	12.1	60
-0.52	17.3	12.3	62
-1.49	17.3	12.3	82
-2.50	17.3	12.4	82
-3.47	17.3	12.5	92
-4.39	17.3	12.6	94
-5.24	17.3	12.6	96
-6.16	17.3	12.6	103
-7.10	17.3	12.7	105
-7.99	17.2	12.7	105
-8.90	17.2	12.8	117
-9.76	17.2	12.8	144
-10.67	17.2	12.9	227
-11.53	17.2	13.0	266
-12.43	17.2	13.1	272
-13.30	17.1	13.1	279
-13.98	17.1	NaN	301
-14.08	17.1	NaN	303
Depth Avg	**17.2**	**12.5**	**115**



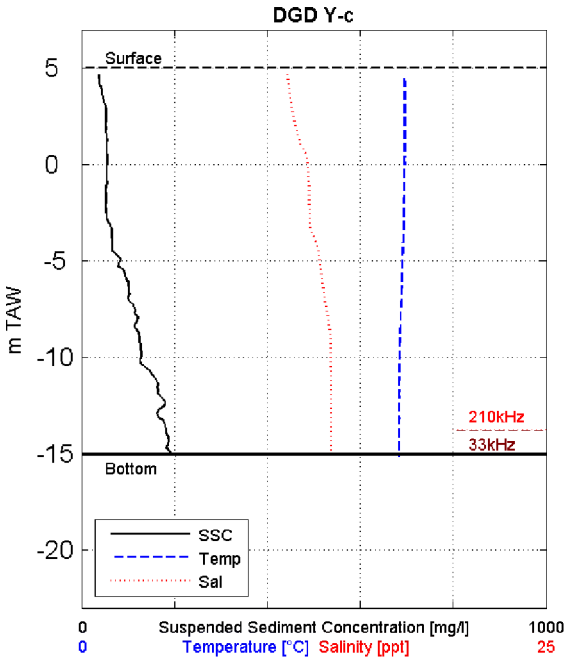
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

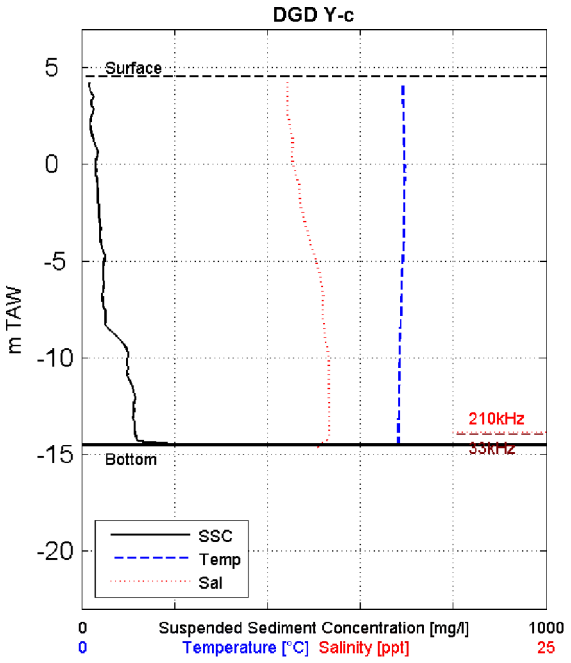
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8292 Yc_ctd.sil 8307 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:34
Time after/before HT [MET]:	6:44
Coordinates [UTM-ED50] Easting:	588683
Coordinates [UTM-ED50] Northing:	5684345
Water-Bottom Interface Siltpr. [m TAW]:	-15.05
Waterdepth 210 kHz Echo [m TAW]:	-13.76
Waterdepth 33 kHz Echo [m TAW]:	-13.81
Surface Elevation [m TAW]:	5.01

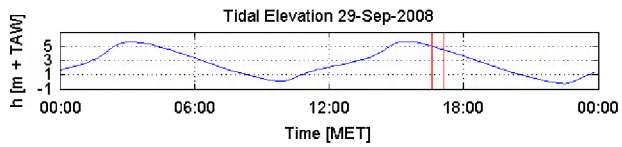
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.73	17.4	11.1	36
3.87	17.4	11.2	44
3.04	17.4	11.3	52
2.13	17.4	11.5	51
1.22	17.4	11.7	55
0.21	17.4	12.1	53
-0.80	17.3	12.2	54
-1.71	17.3	12.2	49
-2.62	17.3	12.3	53
-3.53	17.3	12.4	67
-4.41	17.3	12.7	65
-5.41	17.2	12.9	87
-6.28	17.2	13.0	100
-7.09	17.2	13.1	103
-7.95	17.2	13.3	121
-8.95	17.1	13.4	122
-9.97	17.1	13.4	125
-10.82	17.1	13.4	146
-11.64	17.1	13.4	163
-12.49	17.1	13.4	179
-13.50	17.1	13.4	179
-14.61	17.0	13.4	182
-15.05	17.1	NaN	223
Depth Avg	**17.2**	**12.6**	**96**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:06
Time after/before HT [MET]:	7:16
Coordinates [UTM-ED50] Easting:	588685
Coordinates [UTM-ED50] Northing:	5684357
Water-Bottom Interface Siltpr. [m TAW]:	-14.54
Waterdepth 210 kHz Echo [m TAW]:	-13.83
Waterdepth 33 kHz Echo [m TAW]:	-13.95
Surface Elevation [m TAW]:	4.51

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.22	17.3	11.1	16
3.36	17.3	11.1	19
2.37	17.3	11.1	19
1.49	17.3	11.3	22
0.51	17.3	11.3	34
-0.48	17.4	11.5	30
-1.53	17.3	11.7	34
-2.45	17.4	11.9	36
-3.36	17.3	12.1	39
-4.26	17.3	12.4	41
-5.07	17.3	12.6	46
-5.91	17.2	12.8	45
-6.74	17.2	13.0	43
-7.60	17.2	12.9	53
-8.49	17.1	13.0	57
-9.43	17.1	13.2	95
-10.28	17.1	13.3	98
-11.17	17.1	13.3	101
-12.06	17.1	13.3	116
-12.92	17.1	13.3	111
-13.70	17.1	13.3	113
-14.54	17.0	12.8	685
-14.54	17.0	12.8	685
Depth Avg	**17.2**	**12.4**	**57**



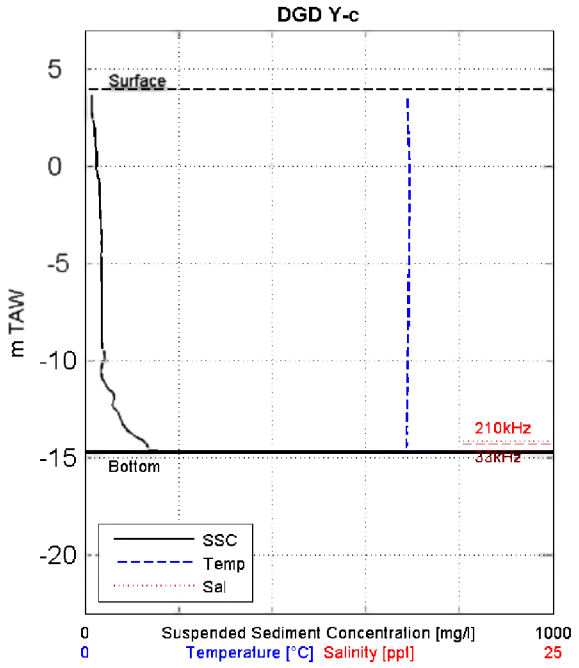
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

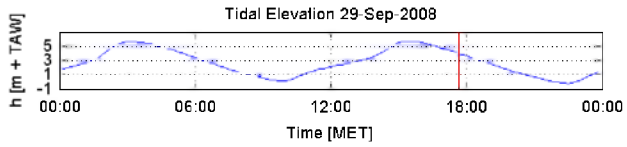
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8322 Yc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:40
Time after/before HT [MET]:	7:50
Coordinates [UTM-ED50] Easting:	588705
Coordinates [UTM-ED50] Northing:	5684351
Water-Bottom Interface Siltpr. [m TAW]:	-14.73
Waterdepth 210 kHz Echo [m TAW]:	-14.15
Waterdepth 33 kHz Echo [m TAW]:	-14.26
Surface Elevation [m TAW]:	3.93

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.64	17.2	NaN	14
2.75	17.2	NaN	15
1.87	17.3	NaN	21
0.93	17.3	NaN	22
-0.06	17.3	NaN	23
-0.99	17.4	NaN	31
-1.89	17.3	NaN	30
-2.73	17.3	NaN	30
-3.64	17.3	NaN	37
-4.47	17.3	NaN	34
-5.36	17.3	NaN	34
-6.25	17.3	NaN	36
-7.11	17.3	NaN	36
-7.97	17.3	NaN	34
-8.88	17.3	NaN	35
-9.74	17.2	NaN	40
-10.57	17.2	NaN	33
-11.46	17.2	NaN	47
-12.31	17.2	NaN	58
-13.10	17.2	NaN	78
-13.89	17.2	NaN	106
-14.63	17.2	NaN	142
-14.73	17.1	NaN	158
Depth Avg	**17.3**	**NaN**	**40**



Data Processed by: IMDC

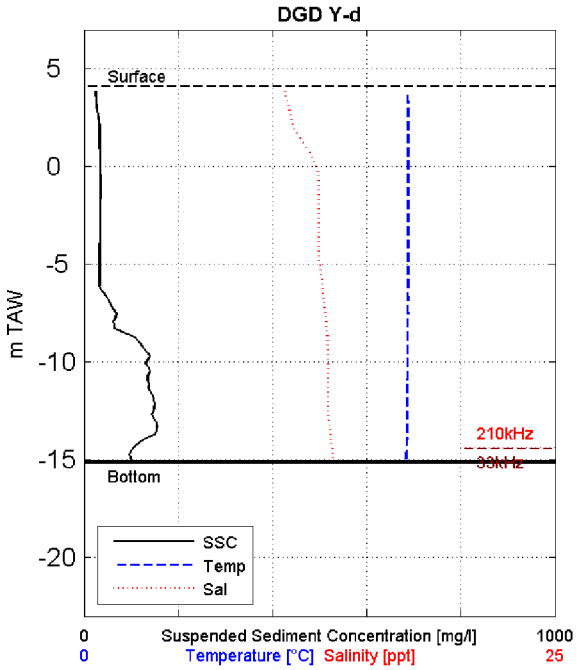
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.9 Location Yd

Through tide measurements Siltprofiler DGD Summer 2008

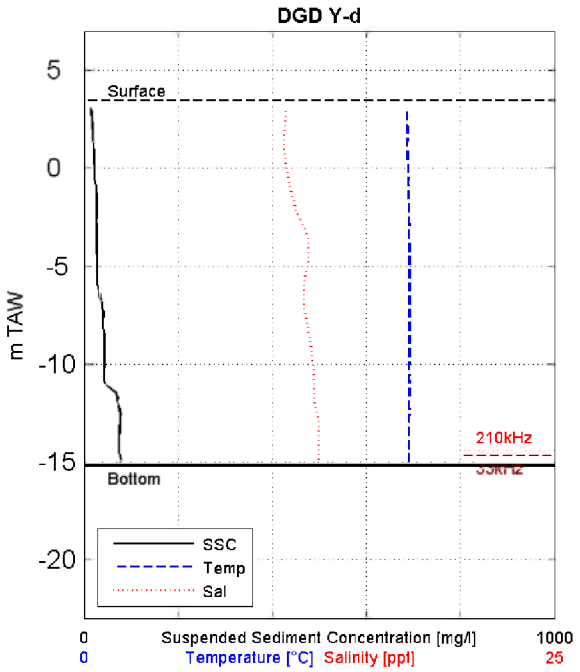
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8012 Yd_ctd.sil 8027 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:16
Time after/before HT [MET]:	2:06
Coordinates [UTM-ED50] Easting:	588769
Coordinates [UTM-ED50] Northing:	5684448
Water-Bottom Interface Siltpr. [m TAW]:	-15.16
Waterdepth 210 kHz Echo [m TAW]:	-14.35
Waterdepth 33 kHz Echo [m TAW]:	-14.44
Surface Elevation [m TAW]:	4.11

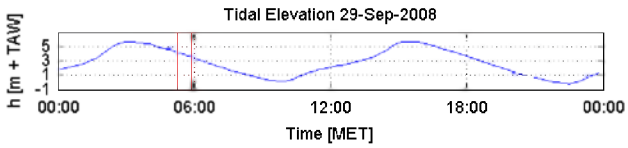
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.83	17.1	10.6	24
2.97	17.2	10.9	27
2.12	17.2	11.1	31
1.25	17.2	11.6	33
0.34	17.2	12.1	34
-0.57	17.2	12.4	36
-1.59	17.2	12.5	34
-2.50	17.2	12.5	35
-3.39	17.2	12.5	32
-4.33	17.2	12.4	33
-5.31	17.2	12.5	35
-6.22	17.2	12.7	33
-7.13	17.2	12.7	60
-8.06	17.2	12.9	63
-8.95	17.1	12.9	116
-9.93	17.1	12.9	132
-10.88	17.1	12.9	133
-11.89	17.1	12.9	148
-12.83	17.2	13.0	146
-13.79	17.1	13.1	143
-14.75	17.1	13.2	95
-15.11	17.1	NaN	103
-15.16	17.1	NaN	103
Depth Avg	**17.2**	**12.4**	**69**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:53
Time after/before HT [MET]:	2:43
Coordinates [UTM-ED50] Easting:	588768
Coordinates [UTM-ED50] Northing:	5684452
Water-Bottom Interface Siltpr. [m TAW]:	-15.18
Waterdepth 210 kHz Echo [m TAW]:	-14.44
Waterdepth 33 kHz Echo [m TAW]:	-14.66
Surface Elevation [m TAW]:	3.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.19	17.1	NaN	13
2.40	17.1	10.7	16
1.59	17.2	10.6	18
0.66	17.2	10.6	22
-0.31	17.2	10.8	19
-1.27	17.2	11.0	28
-2.19	17.2	11.3	26
-3.13	17.3	11.8	27
-4.06	17.3	11.9	26
-4.98	17.3	11.9	25
-5.83	17.3	11.7	26
-6.77	17.3	11.7	35
-7.58	17.3	11.8	40
-8.42	17.3	11.9	42
-9.32	17.3	12.1	44
-10.19	17.3	12.2	43
-11.14	17.3	12.2	48
-12.10	17.3	12.3	73
-12.99	17.3	12.5	75
-13.84	17.3	12.5	73
-14.63	17.3	12.5	75
-15.18	17.3	NaN	77
Depth Avg	**17.2**	**11.6**	**38**



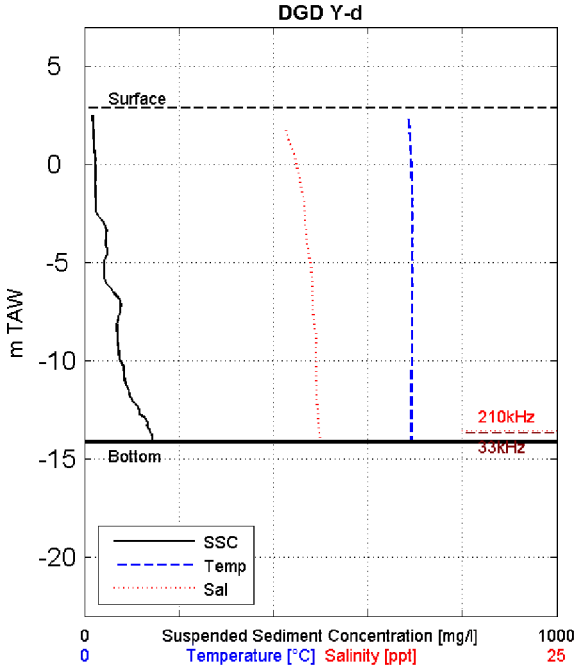
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

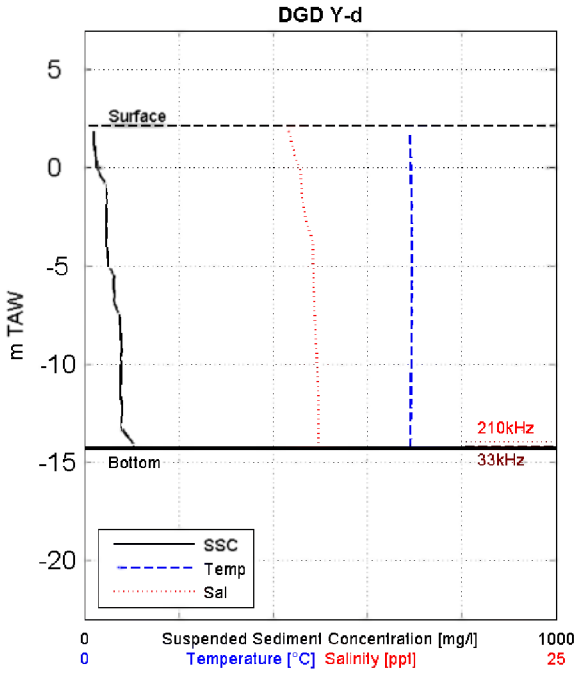
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8042 Yd_ctd.sil 8058 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:25
Time after/before HT [MET]:	3:15
Coordinates [UTM-ED50] Easting:	588776
Coordinates [UTM-ED50] Northing:	5684438
Water-Bottom Interface Siltpr. [m TAW]:	-14.13
Waterdepth 210 kHz Echo [m TAW]:	-13.54
Waterdepth 33 kHz Echo [m TAW]:	-13.65
Surface Elevation [m TAW]:	2.88

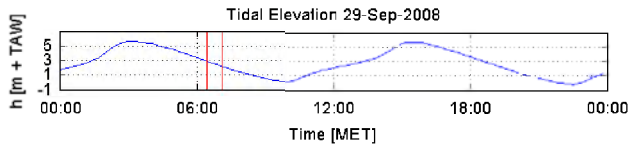
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.57	17.1	NaN	17
1.64	17.2	10.7	20
0.74	17.2	11.0	20
-0.12	17.3	11.2	23
-0.89	17.3	11.4	22
-1.70	17.3	11.6	21
-2.53	17.3	11.7	26
-3.40	17.3	11.7	47
-4.26	17.3	11.8	47
-5.17	17.3	12.0	42
-6.15	17.3	12.1	49
-7.01	17.3	12.1	77
-7.89	17.3	12.1	70
-8.71	17.3	12.2	71
-9.47	17.3	12.2	73
-10.28	17.3	12.2	83
-11.04	17.3	12.3	85
-11.88	17.3	12.3	99
-12.69	17.3	12.3	114
-13.55	17.3	12.4	141
-14.04	17.3	12.5	146
-14.08	17.3	12.5	146
-14.13	17.3	12.4	137
Depth Avg	**17.3**	**11.8**	**57**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:05
Time after/before HT [MET]:	3:55
Coordinates [UTM-ED50] Easting:	588731
Coordinates [UTM-ED50] Northing:	5684431
Water-Bottom Interface Siltpr. [m TAW]:	-14.30
Waterdepth 210 kHz Echo [m TAW]:	-13.93
Waterdepth 33 kHz Echo [m TAW]:	-14.16
Surface Elevation [m TAW]:	2.15

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.87	17.2	10.8	19
1.08	17.3	11.0	20
0.33	17.3	11.3	24
-0.51	17.3	11.4	35
-1.34	17.3	11.5	47
-2.09	17.3	11.6	48
-2.89	17.3	11.8	45
-3.59	17.3	12.1	47
-4.45	17.3	12.1	49
-5.15	17.3	12.1	54
-5.90	17.3	12.1	60
-6.66	17.3	12.1	62
-7.47	17.3	12.2	74
-8.21	17.3	12.2	75
-9.01	17.3	12.3	79
-9.80	17.3	12.3	77
-10.54	17.3	12.3	77
-11.32	17.3	12.4	74
-12.09	17.3	12.4	80
-12.82	17.3	12.4	76
-13.51	17.3	12.4	85
-14.15	17.3	12.4	104
-14.30	17.3	12.4	104
Depth Avg	**17.3**	**12.0**	**58**



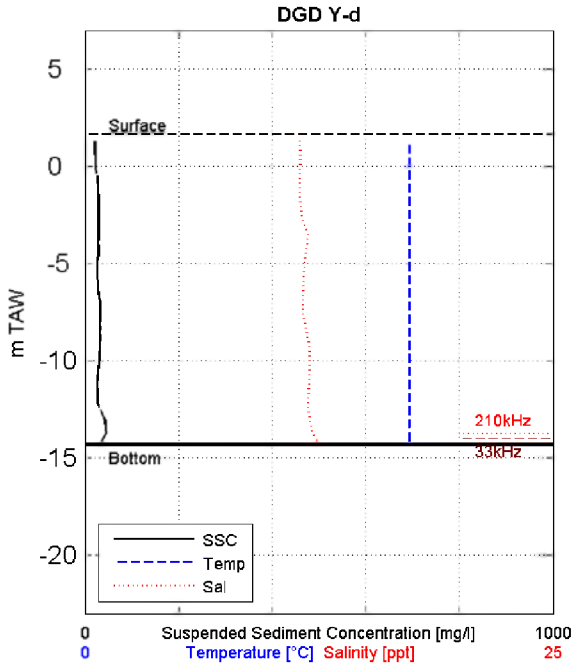
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

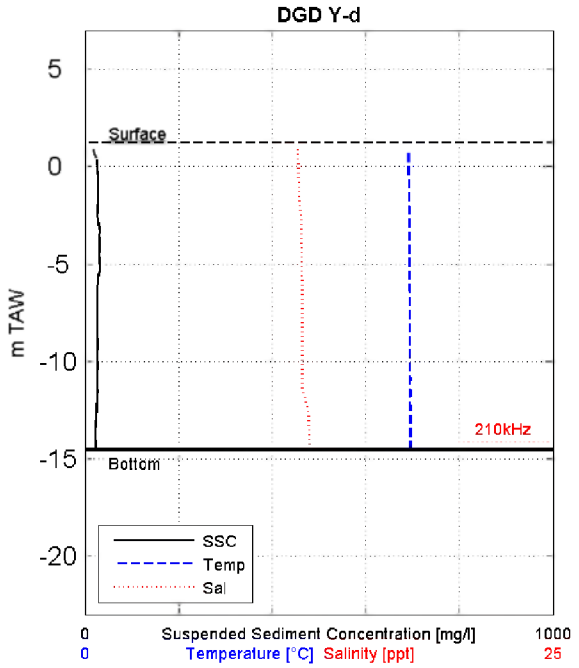
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8073 Yd_ctd.sil 8088 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:35
Time after/before HT [MET]:	4:25
Coordinates [UTM-ED50] Easting:	588732
Coordinates [UTM-ED50] Northing:	5684427
Water-Bottom Interface Siltpr. [m TAW]:	-14.30
Waterdepth 210 kHz Echo [m TAW]:	-13.77
Waterdepth 33 kHz Echo [m TAW]:	-13.98
Surface Elevation [m TAW]:	1.64

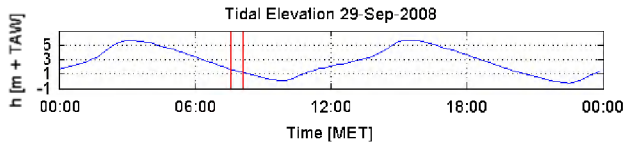
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.36	17.3	NaN	20
0.59	17.3	11.5	21
-0.16	17.3	11.5	22
-0.90	17.3	11.4	27
-1.61	17.3	11.5	28
-2.37	17.3	11.5	28
-3.16	17.3	11.8	29
-3.88	17.3	11.9	28
-4.62	17.4	11.8	27
-5.33	17.3	11.7	25
-6.09	17.4	11.7	27
-6.85	17.3	11.6	32
-7.54	17.3	11.6	33
-8.28	17.3	11.8	32
-9.03	17.3	11.9	32
-9.78	17.3	12.0	30
-10.54	17.4	12.0	27
-11.25	17.3	11.9	25
-12.04	17.3	11.9	27
-12.82	17.3	12.0	38
-13.63	17.3	12.2	45
-14.30	17.3	12.5	35
Depth Avg	**17.3**	**11.8**	**29**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:06
Time after/before HT [MET]:	4:56
Coordinates [UTM-ED50] Easting:	588734
Coordinates [UTM-ED50] Northing:	5684433
Water-Bottom Interface Siltpr. [m TAW]:	-14.55
Waterdepth 210 kHz Echo [m TAW]:	-14.16
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.90	17.3	11.4	18
0.04	17.3	11.4	25
-0.87	17.3	11.4	30
-1.66	17.3	11.4	27
-2.44	17.3	11.5	26
-3.23	17.3	11.5	30
-4.06	17.3	11.5	30
-4.92	17.3	11.5	30
-5.86	17.3	11.6	27
-6.67	17.4	11.6	23
-7.55	17.3	11.6	26
-8.41	17.3	11.6	24
-9.25	17.3	11.6	26
-10.11	17.4	11.6	27
-10.90	17.4	11.6	24
-11.78	17.4	11.7	24
-12.62	17.4	11.9	22
-13.50	17.4	11.9	22
-14.33	17.4	12.0	22
-14.46	17.4	12.0	23
-14.48	17.4	12.0	23
-14.51	17.4	12.0	23
-14.55	17.4	12.0	24
Depth Avg	**17.3**	**11.6**	**26**



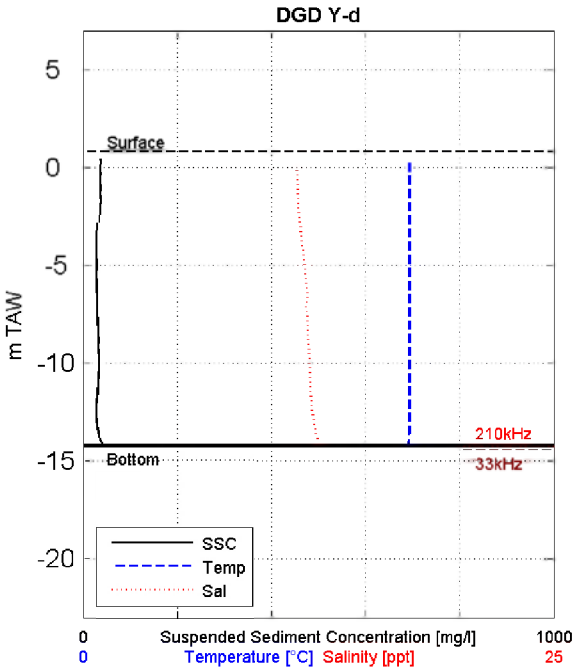
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

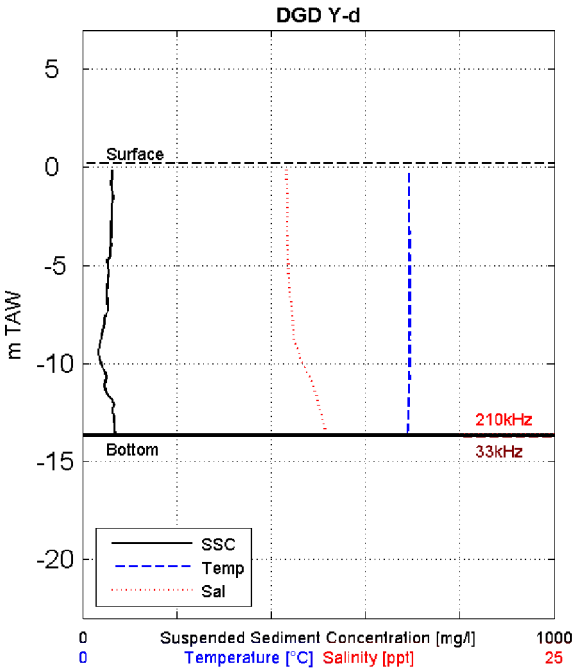
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8103 Yd_ctd.sil 8123 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:35
Time after/before HT [MET]:	5:25
Coordinates [UTM-ED50] Easting:	588746
Coordinates [UTM-ED50] Northing:	5684435
Water-Bottom Interface Siltpr. [m TAW]:	-14.22
Waterdepth 210 kHz Echo [m TAW]:	-14.28
Waterdepth 33 kHz Echo [m TAW]:	-14.42
Surface Elevation [m TAW]:	0.80

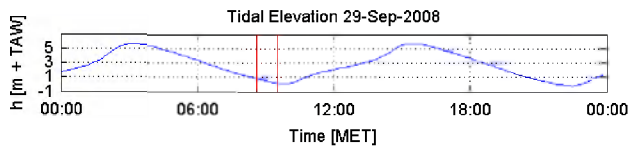
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.48	17.3	NaN	36
-0.21	17.3	11.4	36
-0.88	17.3	11.4	36
-1.57	17.3	11.4	37
-2.20	17.3	11.4	36
-2.89	17.3	11.5	30
-3.53	17.3	11.6	28
-4.24	17.4	11.7	28
-4.91	17.4	11.7	28
-5.60	17.3	11.8	24
-6.30	17.3	11.9	28
-6.97	17.4	11.9	31
-7.70	17.3	11.9	30
-8.35	17.3	11.9	30
-9.06	17.4	12.0	32
-9.72	17.3	12.0	33
-10.38	17.3	12.0	34
-11.08	17.3	12.1	31
-11.78	17.3	12.1	31
-12.47	17.3	12.2	28
-13.21	17.3	12.3	28
-13.90	17.3	12.4	36
-14.22	17.3	12.5	41
Depth Avg	**17.3**	**11.8**	**32**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:32
Time after/before HT [MET]:	6:22
Coordinates [UTM-ED50] Easting:	588729
Coordinates [UTM-ED50] Northing:	5684428
Water-Bottom Interface Siltpr. [m TAW]:	-13.67
Waterdepth 210 kHz Echo [m TAW]:	-13.56
Waterdepth 33 kHz Echo [m TAW]:	-13.78
Surface Elevation [m TAW]:	0.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.10	17.3	10.8	59
-0.74	17.3	10.8	60
-1.40	17.3	10.8	63
-2.06	17.3	10.9	60
-2.73	17.3	10.8	59
-3.30	17.3	10.8	61
-3.91	17.3	10.9	59
-4.50	17.3	10.9	59
-5.11	17.3	10.9	55
-5.78	17.3	10.9	54
-6.46	17.3	11.0	49
-7.15	17.3	11.1	52
-7.80	17.3	11.1	46
-8.43	17.3	11.2	41
-9.10	17.3	11.3	34
-9.79	17.3	11.6	36
-10.47	17.3	11.9	49
-11.18	17.3	12.3	48
-11.89	17.3	12.4	63
-12.48	17.3	12.6	63
-13.15	17.3	12.8	66
-13.60	17.2	12.9	73
-13.67	17.2	12.9	69
Depth Avg	**17.3**	**11.3**	**54**



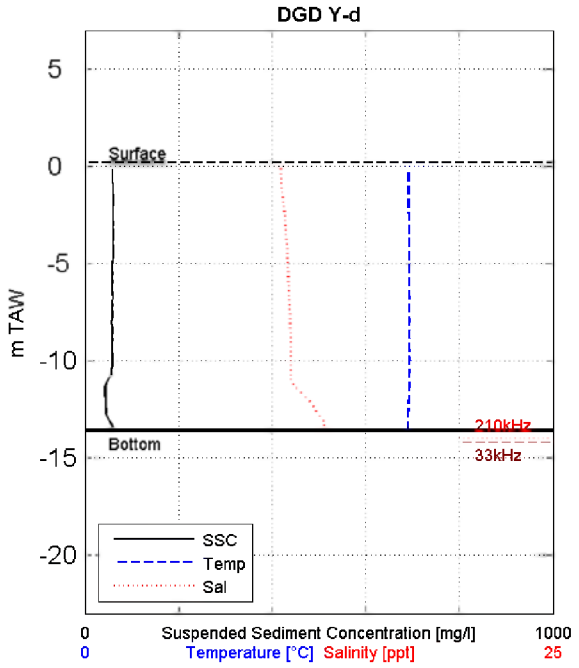
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

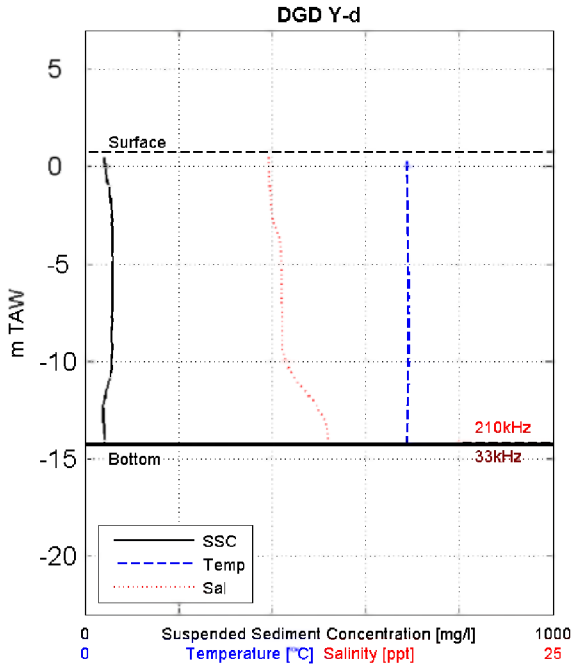
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8138 Yd_ctd.sil 8153 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:05
Time after/before HT [MET]:	0:15
Coordinates [UTM-ED50] Easting:	588738
Coordinates [UTM-ED50] Northing:	5684437
Water-Bottom Interface Siltpr. [m TAW]:	-13.59
Waterdepth 210 kHz Echo [m TAW]:	-14.00
Waterdepth 33 kHz Echo [m TAW]:	-14.17
Surface Elevation [m TAW]:	0.18

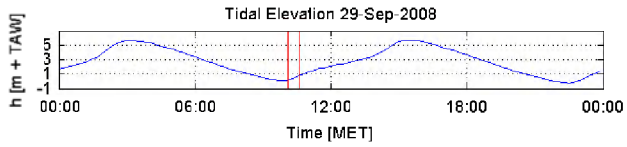
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.10	17.3	10.4	56
-0.73	17.3	10.5	58
-1.33	17.3	10.5	59
-1.99	17.3	10.6	60
-2.56	17.3	10.7	59
-3.19	17.3	10.7	59
-3.80	17.3	10.8	59
-4.39	17.3	10.8	60
-5.08	17.3	10.8	57
-5.75	17.3	10.8	56
-6.36	17.3	10.9	59
-6.97	17.3	10.9	59
-7.62	17.3	10.9	59
-8.20	17.3	11.0	57
-8.84	17.3	11.0	58
-9.48	17.3	11.0	58
-10.08	17.3	11.0	59
-10.69	17.3	11.0	55
-11.30	17.3	11.2	44
-11.94	17.3	11.8	42
-12.55	17.3	12.3	44
-13.22	17.3	12.8	53
-13.59	17.2	12.8	62
Depth Avg	**17.3**	**11.0**	**56**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:35
Time after/before HT [MET]:	0:45
Coordinates [UTM-ED50] Easting:	588752
Coordinates [UTM-ED50] Northing:	5684423
Water-Bottom Interface Siltpr. [m TAW]:	-14.29
Waterdepth 210 kHz Echo [m TAW]:	-14.06
Waterdepth 33 kHz Echo [m TAW]:	-14.17
Surface Elevation [m TAW]:	0.74

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.46	17.2	9.8	40
-0.20	17.2	9.8	44
-0.91	17.2	9.8	48
-1.62	17.3	9.9	53
-2.26	17.2	9.9	58
-2.90	17.2	10.1	58
-3.50	17.3	10.3	56
-4.14	17.2	10.4	60
-4.80	17.3	10.5	60
-5.49	17.3	10.5	59
-6.18	17.3	10.5	58
-6.93	17.3	10.5	55
-7.65	17.3	10.5	59
-8.36	17.3	10.5	56
-9.05	17.3	10.5	58
-9.71	17.3	10.6	56
-10.38	17.3	10.9	55
-11.09	17.3	11.3	51
-11.80	17.3	12.0	44
-12.58	17.2	12.5	38
-13.38	17.2	12.9	41
-14.16	17.2	13.0	41
-14.29	17.2	13.0	43
Depth Avg	**17.2**	**10.8**	**52**



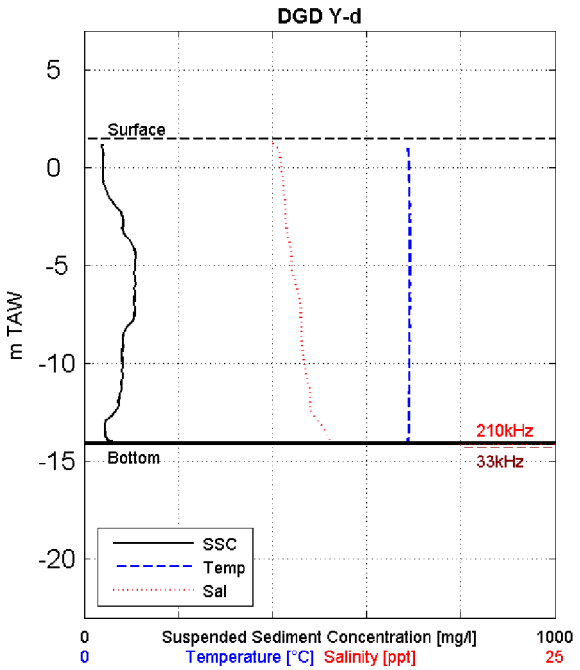
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

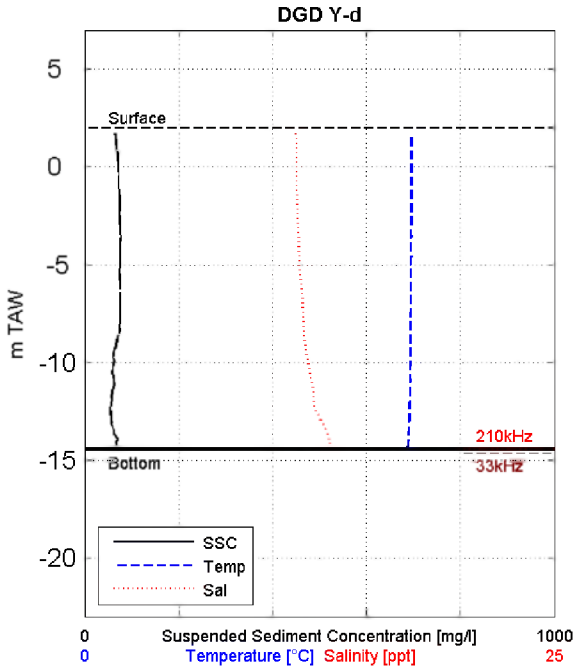
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8168 Yd_ctd.sil 8183 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:13
Time after/before HT [MET]:	1:23
Coordinates [UTM-ED50] Easting:	588740
Coordinates [UTM-ED50] Northing:	5684419
Water-Bottom Interface Siltpr. [m TAW]:	-14.08
Waterdepth 210 kHz Echo [m TAW]:	-14.12
Waterdepth 33 kHz Echo [m TAW]:	-14.29
Surface Elevation [m TAW]:	1.50

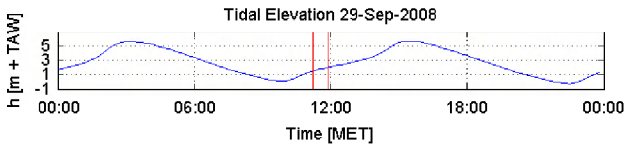
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.21	17.1	10.0	37
0.49	17.2	10.4	39
-0.22	17.2	10.5	39
-0.95	17.2	10.6	45
-1.71	17.2	10.6	60
-2.48	17.3	10.7	81
-3.27	17.3	10.8	85
-4.03	17.3	10.9	105
-4.77	17.3	11.0	108
-5.50	17.3	11.1	109
-6.36	17.3	11.3	107
-7.22	17.3	11.5	109
-8.10	17.3	11.5	94
-9.04	17.3	11.6	83
-9.90	17.3	11.7	82
-10.74	17.3	11.8	82
-11.59	17.3	12.0	72
-12.51	17.3	12.1	62
-13.47	17.2	12.8	44
-14.00	17.2	13.1	48
-14.01	17.1	13.1	206
-14.05	17.2	13.1	177
-14.08	17.1	13.1	153
Depth Avg	**17.3**	**11.3**	**76**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:52
Time after/before HT [MET]:	2:02
Coordinates [UTM-ED50] Easting:	588733
Coordinates [UTM-ED50] Northing:	5684440
Water-Bottom Interface Siltpr. [m TAW]:	-14.43
Waterdepth 210 kHz Echo [m TAW]:	-14.48
Waterdepth 33 kHz Echo [m TAW]:	-14.61
Surface Elevation [m TAW]:	2.00

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.72	17.4	11.2	64
0.86	17.4	11.3	67
-0.02	17.4	11.3	70
-0.84	17.4	11.3	73
-1.58	17.4	11.3	76
-2.38	17.4	11.3	73
-3.17	17.4	11.4	76
-4.00	17.3	11.4	74
-4.82	17.4	11.4	75
-5.63	17.3	11.5	75
-6.51	17.4	11.6	76
-7.52	17.3	11.6	75
-8.45	17.3	11.7	72
-9.32	17.3	11.8	65
-10.20	17.3	11.9	61
-10.98	17.3	12.1	63
-11.82	17.3	12.2	56
-12.63	17.3	12.4	54
-13.35	17.2	12.8	62
-14.08	17.2	13.0	67
-14.21	17.2	13.1	67
-14.38	17.2	13.1	70
-14.43	17.2	13.1	72
Depth Avg	**17.3**	**11.7**	**69**



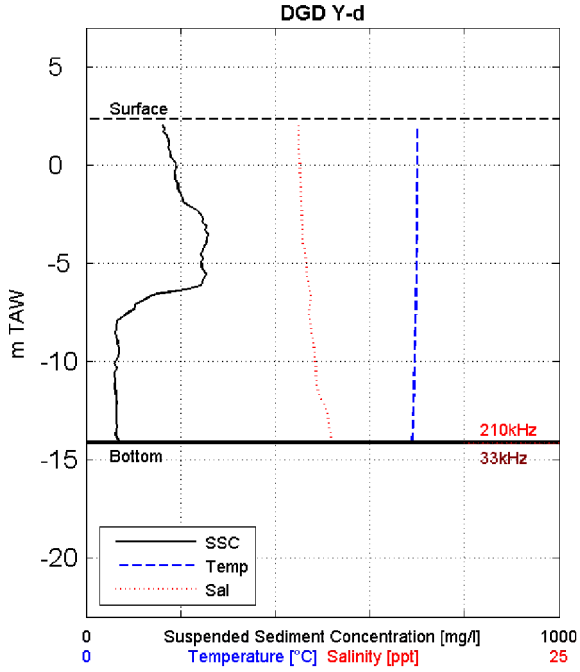
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

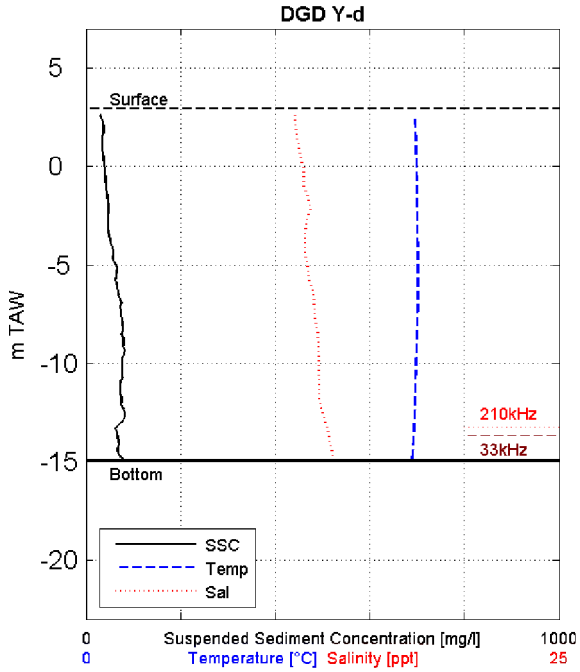
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8198 Yd_ctd.sil 8218 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:28
Time after/before HT [MET]:	2:38
Coordinates [UTM-ED50] Easting:	588731
Coordinates [UTM-ED50] Northing:	5684432
Water-Bottom Interface Siltpr. [m TAW]:	-14.11
Waterdepth 210 kHz Echo [m TAW]:	-14.15
Waterdepth 33 kHz Echo [m TAW]:	-14.20
Surface Elevation [m TAW]:	2.38

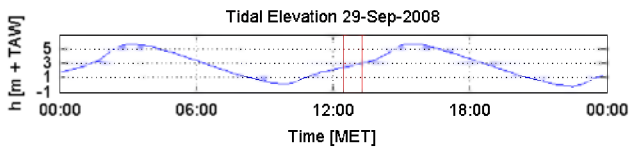
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.08	17.5	11.2	162
1.25	17.5	11.2	173
0.44	17.5	11.3	179
-0.31	17.5	11.3	185
-1.12	17.5	11.3	194
-1.90	17.5	11.4	208
-2.71	17.5	11.4	243
-3.47	17.5	11.4	260
-4.36	17.5	11.6	243
-5.20	17.5	11.6	242
-6.03	17.4	11.8	242
-6.82	17.5	11.9	132
-7.65	17.4	11.8	82
-8.47	17.4	11.9	62
-9.27	17.4	12.0	72
-10.13	17.3	12.1	58
-11.00	17.3	12.2	60
-11.91	17.3	12.4	64
-12.88	17.3	12.8	62
-13.77	17.3	12.9	65
-14.01	17.3	12.9	67
-14.11	17.2	12.9	72
Depth Avg	**17.4**	**11.8**	**148**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:15
Time after/before HT [MET]:	3:25
Coordinates [UTM-ED50] Easting:	588727
Coordinates [UTM-ED50] Northing:	5684427
Water-Bottom Interface Siltpr. [m TAW]:	-14.95
Waterdepth 210 kHz Echo [m TAW]:	-13.24
Waterdepth 33 kHz Echo [m TAW]:	-13.67
Surface Elevation [m TAW]:	2.94

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.65	17.4	11.1	28
1.90	17.4	11.1	38
1.07	17.4	11.2	34
0.16	17.4	11.4	37
-0.80	17.4	11.5	41
-1.73	17.5	11.8	45
-2.88	17.5	11.6	46
-3.89	17.5	11.6	51
-4.80	17.5	11.6	59
-5.59	17.6	11.8	62
-6.43	17.5	12.0	68
-7.33	17.5	12.1	74
-8.30	17.5	12.2	77
-9.27	17.4	12.3	82
-10.19	17.4	12.3	80
-11.12	17.4	12.3	71
-12.17	17.4	12.4	74
-13.23	17.3	12.7	64
-14.21	17.3	12.9	66
-14.80	17.2	13.0	77
-14.83	17.2	13.0	82
-14.93	17.2	13.1	80
-14.95	17.2	13.1	79
Depth Avg	**17.4**	**11.9**	**59**



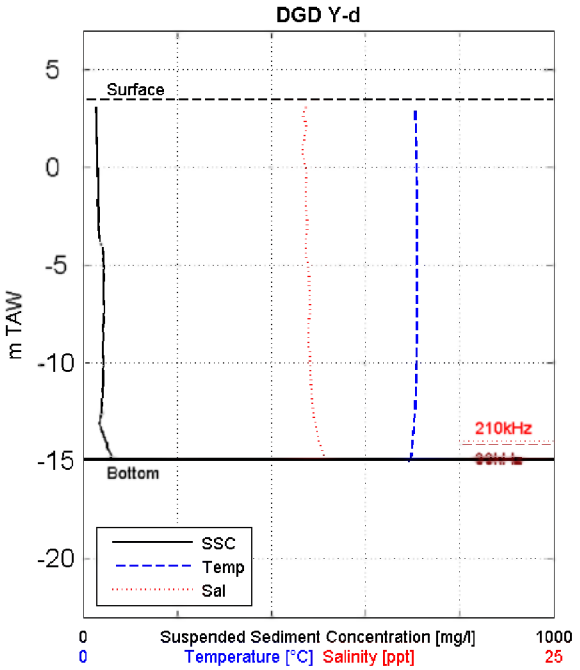
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

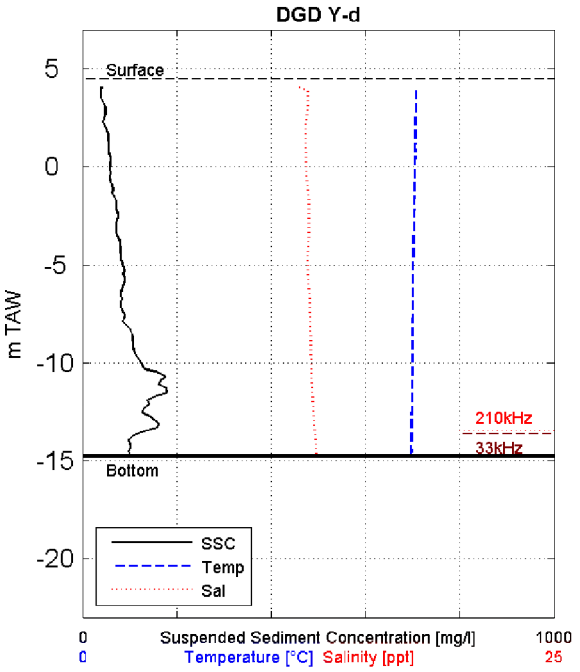
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8233 Yd_ctd.sil 8248 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:51
Time after/before HT [MET]:	4:01
Coordinates [UTM-ED50] Easting:	588750
Coordinates [UTM-ED50] Northing:	5684431
Water-Bottom Interface Siltpr. [m TAW]:	-14.94
Waterdepth 210 kHz Echo [m TAW]:	-13.99
Waterdepth 33 kHz Echo [m TAW]:	-14.18
Surface Elevation [m TAW]:	3.49

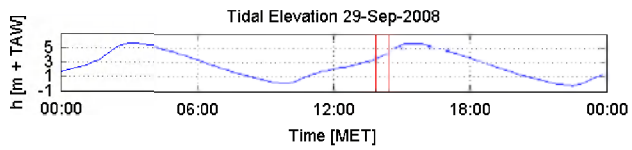
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.17	17.6	11.9	26
2.34	17.6	11.8	28
1.53	17.6	11.7	28
0.77	17.7	11.7	30
-0.19	17.7	11.8	30
-1.20	17.7	11.8	32
-2.01	17.7	11.8	32
-2.85	17.8	11.9	32
-3.58	17.8	11.8	35
-4.40	17.8	11.8	41
-5.09	17.7	11.9	46
-5.94	17.8	12.0	44
-6.75	17.7	12.0	42
-7.74	17.7	12.0	43
-8.68	17.7	12.0	44
-9.58	17.7	12.0	42
-10.42	17.7	12.1	42
-11.28	17.6	12.1	40
-12.11	17.6	12.2	40
-12.97	17.6	12.3	35
-13.81	17.5	12.5	45
-14.55	17.4	12.7	55
-14.94	17.4	12.8	56
Depth Avg	**17.7**	**12.0**	**38**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:27
Time after/before HT [MET]:	4:37
Coordinates [UTM-ED50] Easting:	588746
Coordinates [UTM-ED50] Northing:	5684424
Water-Bottom Interface Siltpr. [m TAW]:	-14.77
Waterdepth 210 kHz Echo [m TAW]:	-13.49
Waterdepth 33 kHz Echo [m TAW]:	-13.62
Surface Elevation [m TAW]:	4.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.18	17.6	10.2	39
3.22	17.7	12.0	45
2.24	17.6	11.8	43
1.40	17.6	11.8	56
0.54	17.6	11.8	59
-0.41	17.6	11.9	55
-1.59	17.6	12.0	72
-2.63	17.6	12.0	75
-3.58	17.5	12.0	76
-4.52	17.5	11.9	80
-5.38	17.5	11.9	88
-6.21	17.5	12.0	85
-7.13	17.5	12.1	80
-8.09	17.5	12.1	94
-8.99	17.5	12.1	108
-9.86	17.5	12.1	120
-10.79	17.5	12.1	171
-11.69	17.5	12.2	149
-12.65	17.4	12.2	137
-13.61	17.4	12.3	113
-14.48	17.4	12.4	99
-14.75	17.4	NaN	101
-14.77	17.4	NaN	106
Depth Avg	**17.5**	**12.0**	**89**



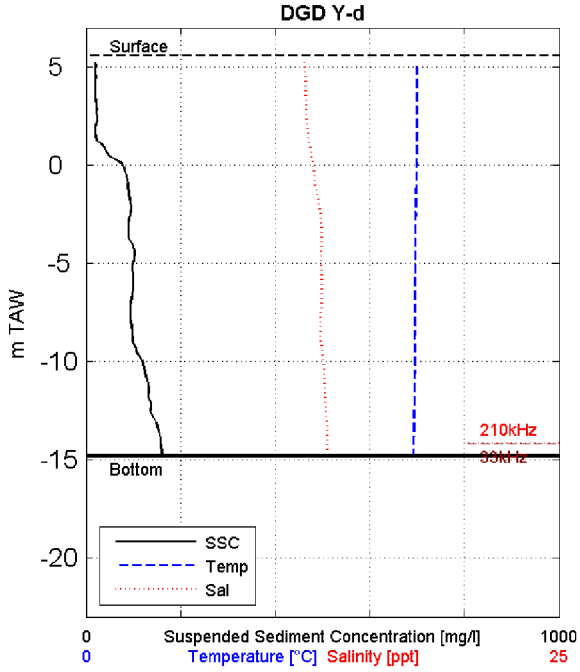
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

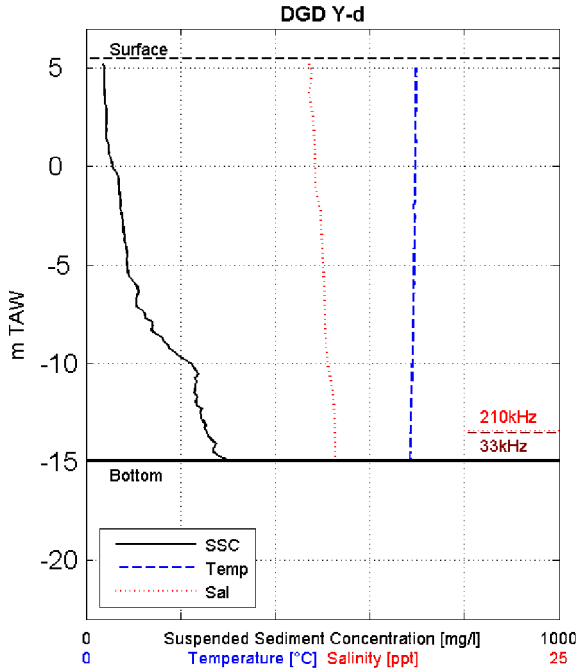
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8263 Yd_ctd.sil 8278 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:10
Time after/before HT [MET]:	5:20
Coordinates [UTM-ED50] Easting:	588763
Coordinates [UTM-ED50] Northing:	5684442
Water-Bottom Interface Siltpr. [m TAW]:	-14.78
Waterdepth 210 kHz Echo [m TAW]:	-14.15
Waterdepth 33 kHz Echo [m TAW]:	-14.17
Surface Elevation [m TAW]:	5.58

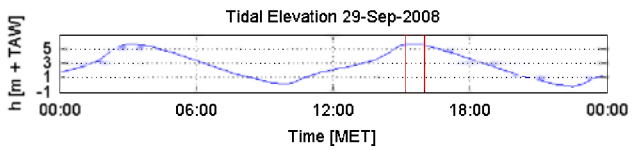
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.30	17.5	11.5	19
4.29	17.5	11.6	20
2.97	17.5	11.6	23
1.93	17.5	11.7	21
1.00	17.5	11.8	39
-0.01	17.4	12.0	80
-1.13	17.4	12.1	88
-2.21	17.4	12.4	96
-3.20	17.4	12.4	88
-4.21	17.4	12.4	102
-5.19	17.4	12.4	98
-6.22	17.4	12.4	99
-7.20	17.4	12.4	94
-8.12	17.4	12.4	97
-9.00	17.4	12.4	99
-9.88	17.4	12.5	116
-10.75	17.3	12.6	128
-11.72	17.3	12.6	132
-12.57	17.4	12.7	136
-13.40	17.3	12.7	153
-14.28	17.3	12.8	158
-14.73	17.3	NaN	159
-14.78	17.3	NaN	159
Depth Avg	**17.4**	**12.2**	**87**



Siltprofiler

Date & Time [MET]:	29/9/2008 15:59
Time after/before HT [MET]:	6:09
Coordinates [UTM-ED50] Easting:	588746
Coordinates [UTM-ED50] Northing:	5684415
Water-Bottom Interface Siltpr. [m TAW]:	-14.96
Waterdepth 210 kHz Echo [m TAW]:	-13.41
Waterdepth 33 kHz Echo [m TAW]:	-13.50
Surface Elevation [m TAW]:	5.49

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.21	17.4	11.8	36
4.11	17.4	11.8	37
3.00	17.4	11.9	41
1.90	17.4	12.0	43
0.91	17.4	12.1	47
-0.14	17.4	12.1	58
-1.17	17.4	12.1	69
-2.13	17.3	12.4	72
-3.16	17.3	12.4	80
-4.13	17.4	12.5	84
-5.15	17.3	12.5	89
-6.16	17.3	12.6	112
-7.03	17.3	12.6	104
-7.98	17.3	12.6	141
-8.91	17.3	12.7	170
-9.78	17.3	12.7	206
-10.64	17.2	12.9	230
-11.50	17.2	13.0	228
-12.36	17.1	13.1	246
-13.19	17.2	13.1	245
-14.01	17.1	13.2	272
-14.89	17.1	NaN	301
-14.96	17.1	NaN	327
Depth Avg	**17.3**	**12.5**	**122**



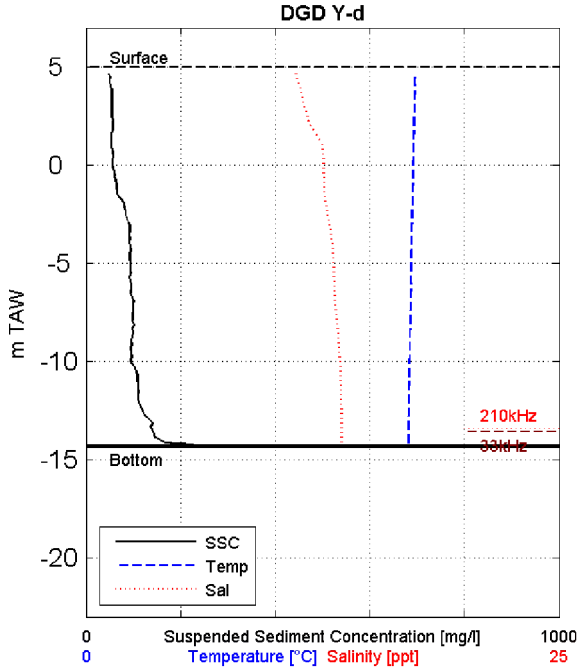
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

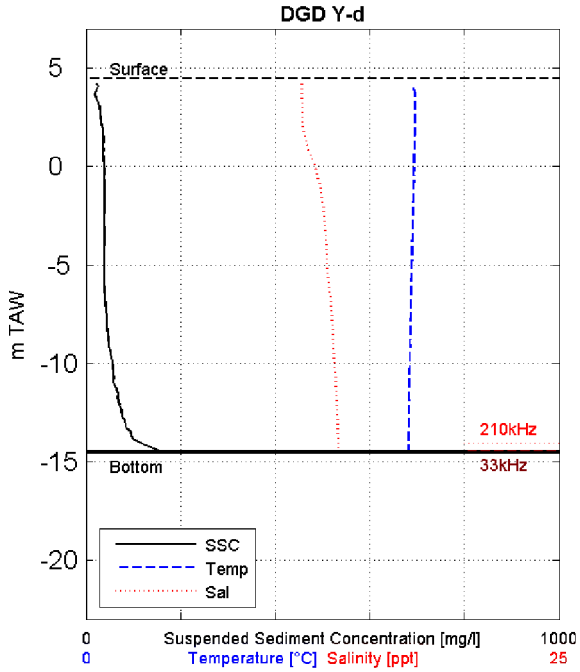
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8293 Yd_ctd.sil 8308 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:35
Time after/before HT [MET]:	6:45
Coordinates [UTM-ED50] Easting:	588758
Coordinates [UTM-ED50] Northing:	5684432
Water-Bottom Interface Siltpr. [m TAW]:	-14.31
Waterdepth 210 kHz Echo [m TAW]:	-13.42
Waterdepth 33 kHz Echo [m TAW]:	-13.58
Surface Elevation [m TAW]:	4.99

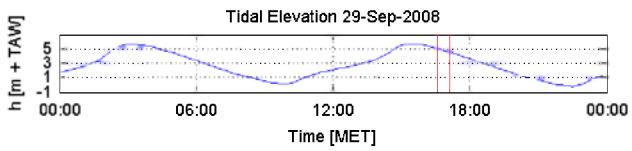
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.69	17.4	11.1	47
3.72	17.4	11.4	56
2.70	17.3	11.6	55
1.78	17.3	12.0	55
0.85	17.3	12.5	55
-0.18	17.3	12.6	56
-1.19	17.3	12.6	65
-2.17	17.2	12.7	81
-3.21	17.2	12.9	92
-4.23	17.2	13.1	95
-5.17	17.2	13.1	93
-6.20	17.2	13.1	95
-7.21	17.1	13.2	98
-8.10	17.1	13.3	98
-9.10	17.1	13.3	98
-10.11	17.1	13.4	96
-11.16	17.1	13.5	110
-12.20	17.1	13.5	111
-13.28	17.1	13.5	137
-14.19	17.0	13.5	364
-14.24	17.0	NaN	240
-14.28	17.0	NaN	299
-14.31	17.1	NaN	293
Depth Avg	**17.2**	**12.8**	**87**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:08
Time after/before HT [MET]:	7:18
Coordinates [UTM-ED50] Easting:	588760
Coordinates [UTM-ED50] Northing:	5684429
Water-Bottom Interface Siltpr. [m TAW]:	-14.53
Waterdepth 210 kHz Echo [m TAW]:	-14.04
Waterdepth 33 kHz Echo [m TAW]:	-14.45
Surface Elevation [m TAW]:	4.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.20	17.4	11.4	21
3.15	17.4	11.4	28
2.23	17.4	11.4	33
1.33	17.4	11.6	37
0.40	17.4	11.9	36
-0.69	17.3	12.3	39
-1.70	17.3	12.5	39
-2.68	17.3	12.6	39
-3.69	17.2	12.7	37
-4.67	17.2	12.7	37
-5.55	17.2	12.8	37
-6.36	17.1	12.9	40
-7.22	17.1	13.0	41
-8.08	17.1	13.0	44
-9.02	17.1	13.1	47
-9.93	17.1	13.1	55
-10.84	17.1	13.2	57
-11.79	17.1	13.2	67
-12.65	17.0	13.3	75
-13.47	17.0	13.3	94
-14.31	17.1	13.3	139
-14.47	17.1	NaN	165
-14.53	17.0	NaN	176
Depth Avg	**17.2**	**12.6**	**47**



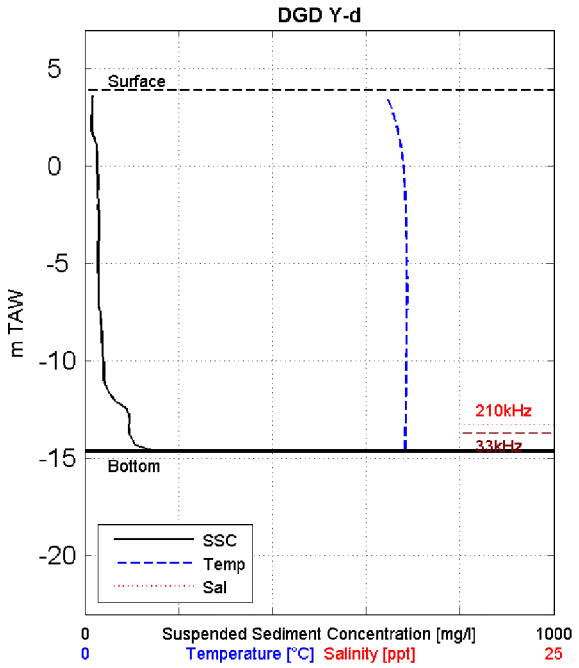
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

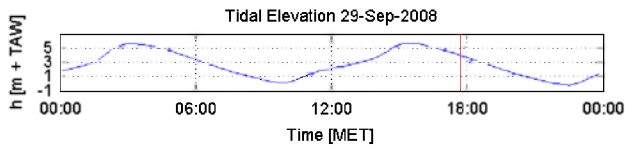
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8323 Yd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:42
Time after/before HT [MET]:	7:52
Coordinates [UTM-ED50] Easting:	588727
Coordinates [UTM-ED50] Northing:	5684429
Water-Bottom Interface Siltpr. [m TAW]:	-14.66
Waterdepth 210 kHz Echo [m TAW]:	-13.25
Waterdepth 33 kHz Echo [m TAW]:	-13.69
Surface Elevation [m TAW]:	3.90

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.60	16.1	NaN	16
2.57	16.5	NaN	14
1.71	16.7	NaN	14
0.73	16.9	NaN	26
-0.29	17.0	NaN	26
-1.29	17.0	NaN	28
-2.30	17.1	NaN	30
-3.28	17.1	NaN	30
-4.19	17.1	NaN	29
-5.28	17.2	NaN	29
-6.16	17.2	NaN	28
-7.05	17.2	NaN	30
-7.93	17.1	NaN	35
-8.94	17.1	NaN	38
-9.82	17.1	NaN	37
-10.73	17.1	NaN	41
-11.52	17.1	NaN	49
-12.33	17.1	NaN	86
-13.19	17.1	NaN	94
-14.03	17.1	NaN	103
-14.57	17.1	NaN	137
-14.63	17.1	NaN	136
-14.66	17.1	NaN	123
Depth Avg	**17.0**	**NaN**	**39**



Data Processed by: IMDC

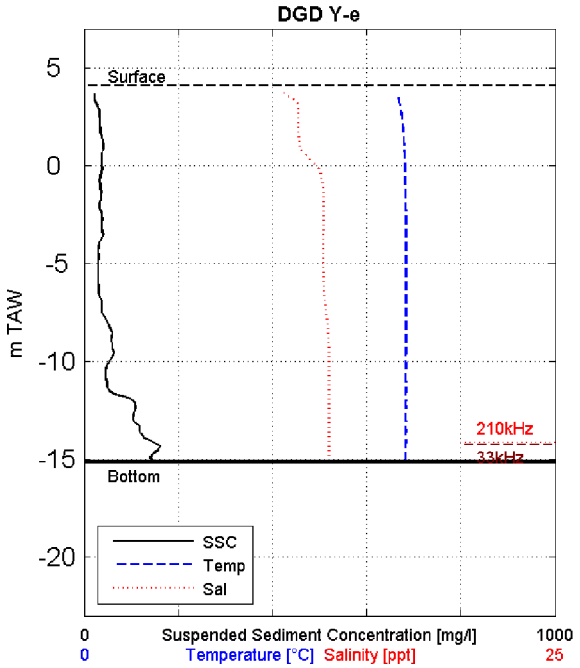
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.10 Location Ye

Through tide measurements Siltprofiler DGD Summer 2008

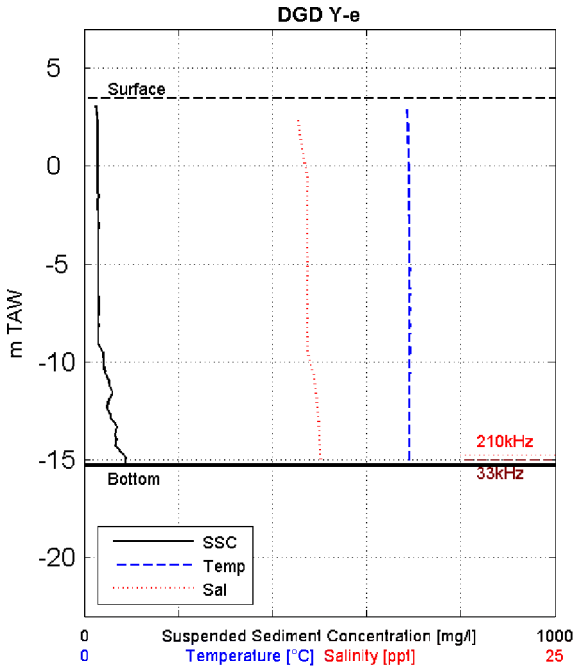
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8013 Ye_ctd.sil 8028 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:18
Time after/before HT [MET]:	2:08
Coordinates [UTM-ED50] Easting:	588781
Coordinates [UTM-ED50] Northing:	5684497
Water-Bottom Interface Siltpr. [m TAW]:	-15.14
Waterdepth 210 kHz Echo [m TAW]:	-14.12
Waterdepth 33 kHz Echo [m TAW]:	-14.20
Surface Elevation [m TAW]:	4.08

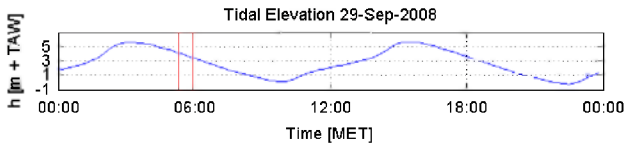
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.79	16.6	10.5	21
2.88	16.6	11.4	32
1.97	16.9	11.4	34
1.08	17.0	11.4	41
0.13	17.0	12.2	37
-0.78	17.1	12.6	32
-1.75	17.1	12.7	34
-2.73	17.1	12.7	37
-3.78	17.1	12.7	35
-4.74	17.1	12.7	29
-5.62	17.1	12.7	30
-6.59	17.1	12.7	32
-7.50	17.1	12.8	37
-8.38	17.1	12.9	56
-9.34	17.1	13.0	60
-10.27	17.1	13.0	47
-11.23	17.1	13.0	49
-12.21	17.1	13.0	107
-13.17	17.1	13.0	110
-14.13	17.1	13.0	143
-14.96	17.1	13.0	144
-15.11	17.1	NaN	148
-15.14	17.1	NaN	149
Depth Avg	**17.0**	**12.5**	**53**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:55
Time after/before HT [MET]:	2:45
Coordinates [UTM-ED50] Easting:	588781
Coordinates [UTM-ED50] Northing:	5684509
Water-Bottom Interface Siltpr. [m TAW]:	-15.28
Waterdepth 210 kHz Echo [m TAW]:	-14.77
Waterdepth 33 kHz Echo [m TAW]:	-14.99
Surface Elevation [m TAW]:	3.45

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.17	17.1	NaN	23
2.46	17.1	NaN	27
1.70	17.2	11.4	28
0.84	17.2	11.6	30
-0.07	17.3	11.8	27
-0.85	17.2	11.9	28
-1.71	17.2	11.8	30
-2.53	17.2	11.8	30
-3.38	17.2	11.8	29
-4.29	17.3	11.8	28
-5.20	17.3	11.9	30
-6.04	17.3	11.8	28
-6.97	17.3	11.8	30
-7.88	17.3	11.8	30
-8.74	17.3	11.8	28
-9.65	17.3	11.9	40
-10.57	17.3	12.2	42
-11.52	17.2	12.3	60
-12.41	17.3	12.4	49
-13.37	17.2	12.5	66
-14.27	17.2	12.5	66
-15.14	17.3	12.6	86
-15.28	17.2	12.6	86
Depth Avg	**17.2**	**11.9**	**38**



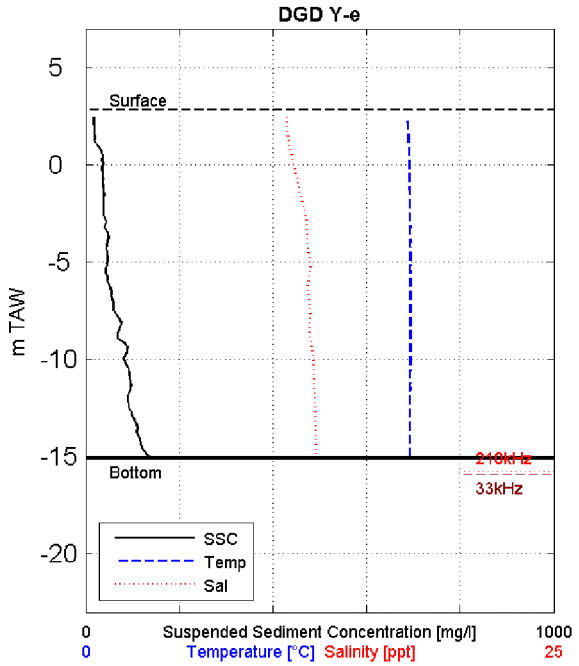
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

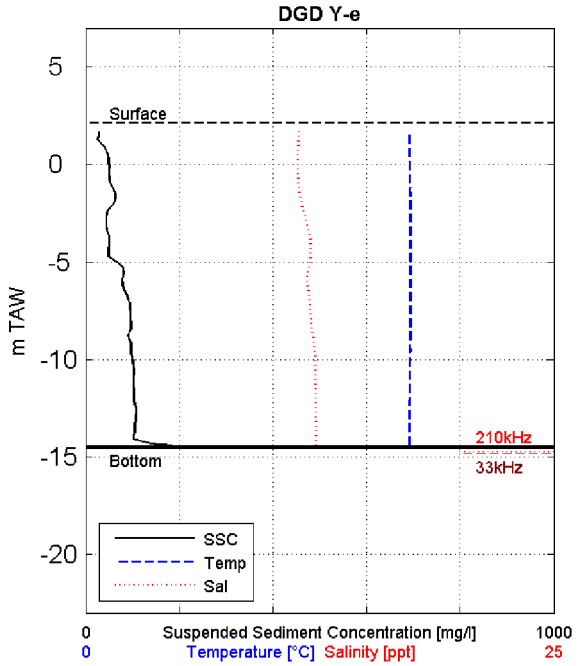
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8043 Ye_ctd.sil 8059 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:27
Time after/before HT [MET]:	3:17
Coordinates [UTM-ED50] Easting:	588797
Coordinates [UTM-ED50] Northing:	5684514
Water-Bottom Interface Siltpr. [m TAW]:	-15.09
Waterdepth 210 kHz Echo [m TAW]:	-15.78
Waterdepth 33 kHz Echo [m TAW]:	-15.91
Surface Elevation [m TAW]:	2.83

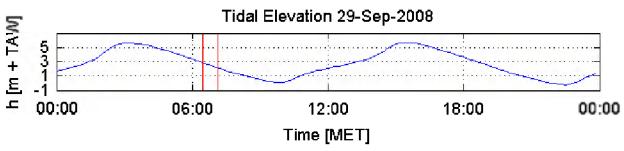
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.53	17.2	10.7	17
1.64	17.2	10.8	18
0.68	17.3	10.9	32
-0.27	17.3	11.2	35
-1.18	17.3	11.4	36
-2.09	17.3	11.6	40
-3.00	17.3	11.8	42
-3.84	17.3	11.8	45
-4.72	17.3	11.9	46
-5.58	17.3	11.9	47
-6.54	17.3	11.9	54
-7.36	17.3	12.0	59
-8.14	17.3	11.9	79
-9.05	17.3	12.0	73
-9.84	17.3	12.1	80
-10.67	17.3	12.2	93
-11.51	17.3	12.2	95
-12.34	17.3	12.2	91
-13.06	17.3	12.2	104
-13.84	17.3	12.3	112
-14.65	17.3	12.3	123
-15.02	17.3	12.3	137
-15.09	17.3	12.3	137
Depth Avg	**17.3**	**11.8**	**61**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:07
Time after/before HT [MET]:	3:57
Coordinates [UTM-ED50] Easting:	588755
Coordinates [UTM-ED50] Northing:	5684524
Water-Bottom Interface Siltpr. [m TAW]:	-14.52
Waterdepth 210 kHz Echo [m TAW]:	-14.71
Waterdepth 33 kHz Echo [m TAW]:	-14.83
Surface Elevation [m TAW]:	2.12

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.80	17.3	11.4	28
0.91	17.3	11.3	40
-0.04	17.3	11.3	50
-0.96	17.3	11.4	52
-1.77	17.3	11.5	62
-2.57	17.4	11.7	44
-3.36	17.3	11.9	45
-4.12	17.4	12.0	48
-4.91	17.3	12.0	63
-5.79	17.3	11.8	79
-6.68	17.3	11.9	88
-7.57	17.4	12.0	96
-8.53	17.3	12.1	91
-9.50	17.3	12.2	96
-10.32	17.3	12.3	102
-11.16	17.3	12.3	102
-11.99	17.3	12.3	104
-12.87	17.3	12.3	107
-13.74	17.3	12.3	104
-14.40	17.3	12.3	59
-14.44	17.3	12.3	62
-14.47	17.3	12.3	63
-14.52	17.3	12.3	381
Depth Avg	**17.3**	**11.9**	**75**



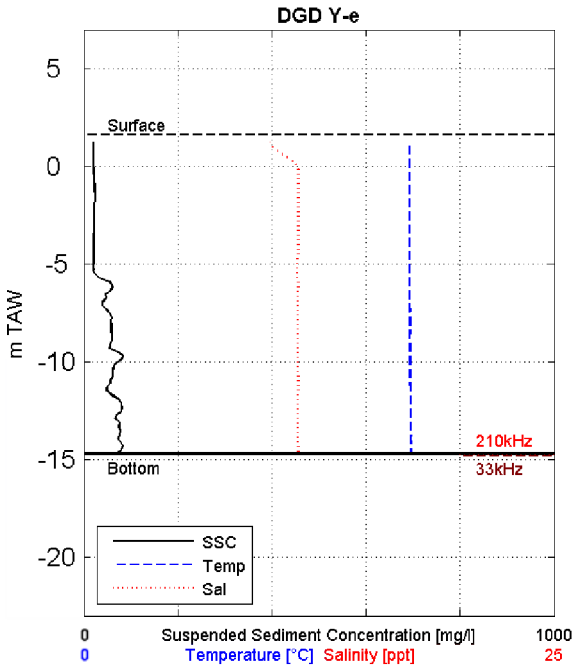
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

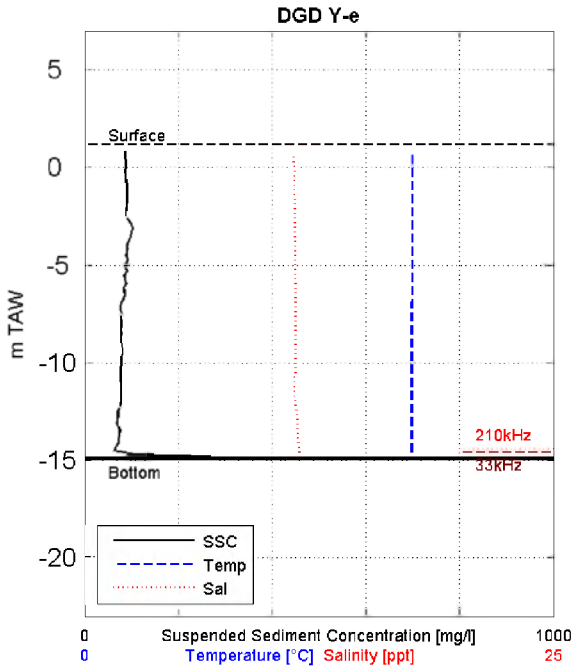
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8074 Ye_ctd.sil 8089 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:37
Time after/before HT [MET]:	4:27
Coordinates [UTM-ED50] Easting:	588768
Coordinates [UTM-ED50] Northing:	5684500
Water-Bottom Interface Siltpr. [m TAW]:	-14.72
Waterdepth 210 kHz Echo [m TAW]:	-14.74
Waterdepth 33 kHz Echo [m TAW]:	-14.79
Surface Elevation [m TAW]:	1.62

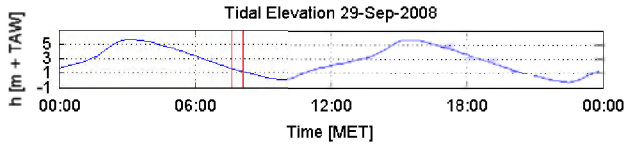
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.28	17.3	9.9	19
0.40	17.3	10.9	19
-0.44	17.3	11.4	19
-1.28	17.3	11.4	23
-2.11	17.3	11.4	23
-3.05	17.3	11.4	21
-3.95	17.3	11.4	21
-4.82	17.3	11.4	21
-5.72	17.3	11.4	32
-6.58	17.3	11.4	45
-7.42	17.3	11.3	52
-8.26	17.3	11.3	59
-9.09	17.4	11.3	58
-9.88	17.3	11.3	79
-10.72	17.3	11.4	60
-11.55	17.3	11.4	50
-12.39	17.4	11.4	80
-13.17	17.3	11.3	75
-13.99	17.4	11.4	73
-14.60	17.3	11.4	78
-14.63	17.4	11.4	59
-14.69	17.4	11.4	72
-14.72	17.4	11.4	68
Depth Avg	**17.3**	**11.3**	**44**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:07
Time after/before HT [MET]:	4:57
Coordinates [UTM-ED50] Easting:	588792
Coordinates [UTM-ED50] Northing:	5684509
Water-Bottom Interface Siltpr. [m TAW]:	-14.92
Waterdepth 210 kHz Echo [m TAW]:	-14.40
Waterdepth 33 kHz Echo [m TAW]:	-14.56
Surface Elevation [m TAW]:	1.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.88	17.4	NaN	86
0.12	17.4	11.2	89
-0.62	17.4	11.2	89
-1.44	17.4	11.2	91
-2.32	17.4	11.2	86
-3.13	17.4	11.2	101
-3.99	17.4	11.2	91
-4.85	17.5	11.2	88
-5.68	17.4	11.2	85
-6.47	17.4	11.3	85
-7.28	17.4	11.3	74
-8.07	17.4	11.3	79
-8.85	17.4	11.3	77
-9.66	17.4	11.3	79
-10.48	17.4	11.2	77
-11.27	17.4	11.2	76
-12.10	17.4	11.2	76
-12.94	17.4	11.3	69
-13.74	17.4	11.4	73
-14.53	17.4	11.4	63
-14.82	17.4	11.5	246
-14.85	17.4	11.5	105
-14.92	17.4	11.5	152
Depth Avg	**17.4**	**11.2**	**83**



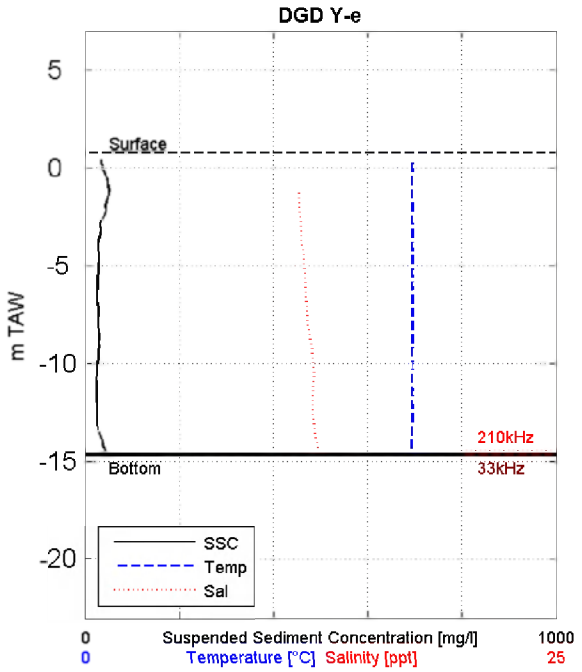
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

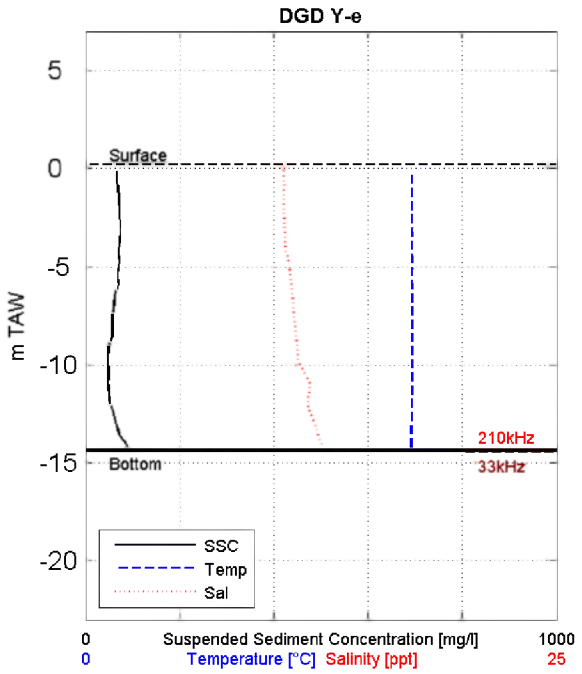
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8104 Ye_ctd.sil 8124 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 08:37
Time after/before HT [MET]:	5:27
Coordinates [UTM-ED50] Easting:	588792
Coordinates [UTM-ED50] Northing:	5684530
Water-Bottom Interface Siltpr. [m TAW]:	-14.64
Waterdepth 210 kHz Echo [m TAW]:	-14.44
Waterdepth 33 kHz Echo [m TAW]:	-14.63
Surface Elevation [m TAW]:	0.77

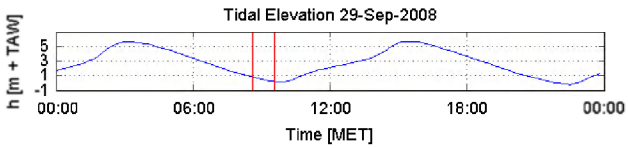
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.49	17.4	NaN	34
-0.41	17.3	NaN	45
-1.27	17.4	NaN	50
-2.06	17.4	11.4	42
-2.11	17.4	11.4	43
-2.35	17.4	11.4	41
-2.82	17.4	11.4	31
-3.65	17.4	11.5	30
-4.50	17.4	11.6	31
-5.40	17.4	11.7	27
-6.29	17.4	11.7	24
-7.15	17.4	11.8	30
-8.05	17.4	11.8	27
-8.91	17.4	12.0	29
-9.73	17.4	12.1	28
-10.61	17.3	12.1	23
-11.43	17.4	12.1	26
-12.26	17.3	12.1	25
-13.07	17.4	12.1	25
-13.95	17.3	12.3	36
-14.52	17.3	12.4	44
-14.57	17.3	12.4	47
-14.64	17.3	12.4	46
Depth Avg	**17.4**	**11.8**	**31**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:33
Time after/before HT [MET]:	6:23
Coordinates [UTM-ED50] Easting:	588780
Coordinates [UTM-ED50] Northing:	5684517
Water-Bottom Interface Siltpr. [m TAW]:	-14.37
Waterdepth 210 kHz Echo [m TAW]:	-14.41
Waterdepth 33 kHz Echo [m TAW]:	-14.49
Surface Elevation [m TAW]:	0.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.09	17.3	10.5	65
-0.81	17.3	10.5	68
-1.61	17.3	10.5	69
-2.36	17.3	10.5	70
-3.14	17.3	10.6	73
-3.83	17.3	10.6	72
-4.57	17.3	10.7	72
-5.38	17.3	10.9	67
-6.18	17.3	10.9	65
-6.97	17.3	11.0	59
-7.73	17.3	11.1	56
-8.38	17.3	11.2	56
-9.11	17.3	11.2	48
-9.87	17.3	11.3	47
-10.54	17.3	11.7	49
-11.28	17.3	11.9	48
-11.98	17.3	11.8	53
-12.67	17.3	12.0	62
-13.36	17.3	12.3	68
-14.03	17.3	12.5	86
-14.30	17.3	12.6	84
-14.32	17.2	12.6	89
-14.37	17.3	12.6	88
Depth Avg	**17.3**	**11.2**	**63**



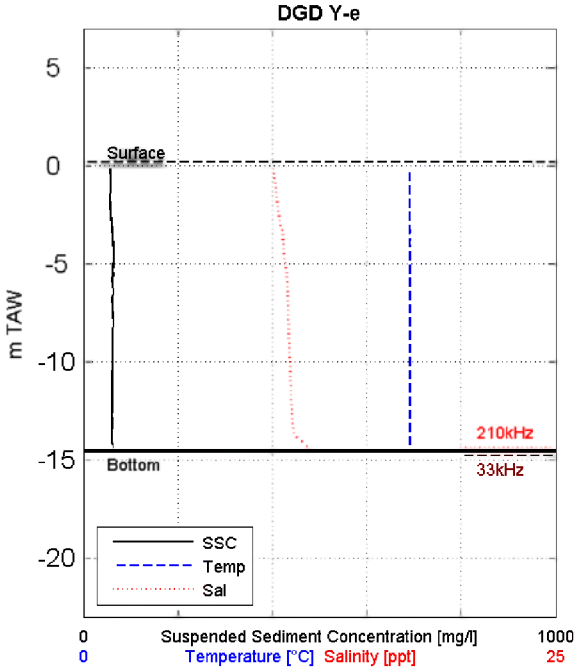
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

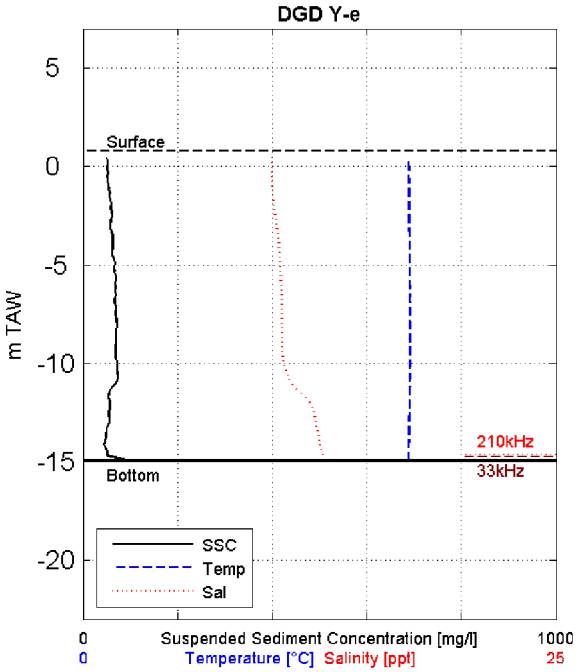
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8139 Ye_ctd.sil 8154 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:06
Time after/before HT [MET]:	0:16
Coordinates [UTM-ED50] Easting:	588798
Coordinates [UTM-ED50] Northing:	5684513
Water-Bottom Interface Siltpr. [m TAW]:	-14.54
Waterdepth 210 kHz Echo [m TAW]:	-14.32
Waterdepth 33 kHz Echo [m TAW]:	-14.76
Surface Elevation [m TAW]:	0.20

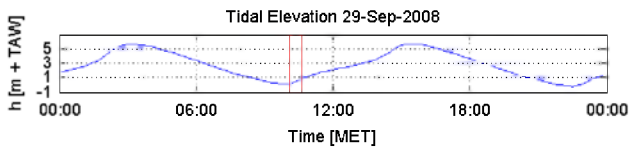
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.09	17.2	10.0	57
-0.88	17.2	10.1	59
-1.65	17.2	10.2	54
-2.46	17.3	10.3	58
-3.32	17.3	10.5	60
-4.27	17.3	10.6	64
-5.11	17.3	10.7	62
-6.01	17.3	10.8	61
-6.80	17.3	10.8	61
-7.59	17.3	10.8	63
-8.43	17.3	10.8	60
-9.19	17.3	10.8	61
-9.93	17.3	10.9	61
-10.73	17.3	10.9	62
-11.57	17.3	10.9	60
-12.43	17.3	11.0	60
-13.27	17.3	11.1	62
-14.08	17.3	11.6	59
-14.42	17.2	11.9	69
-14.46	17.3	12.0	65
-14.45	17.2	12.0	66
-14.49	17.2	12.0	67
-14.54	17.2	12.1	62
Depth Avg	**17.3**	**10.7**	**60**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:37
Time after/before HT [MET]:	0:47
Coordinates [UTM-ED50] Easting:	588793
Coordinates [UTM-ED50] Northing:	5684505
Water-Bottom Interface Siltpr. [m TAW]:	-14.98
Waterdepth 210 kHz Echo [m TAW]:	-14.64
Waterdepth 33 kHz Echo [m TAW]:	-14.73
Surface Elevation [m TAW]:	0.78

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.49	17.2	10.0	48
-0.26	17.2	10.0	51
-1.06	17.2	10.0	54
-1.77	17.2	10.1	59
-2.59	17.3	10.2	60
-3.47	17.2	10.3	62
-4.40	17.2	10.4	62
-5.19	17.2	10.4	66
-5.88	17.3	10.5	68
-6.50	17.3	10.5	68
-7.18	17.3	10.5	70
-7.90	17.3	10.5	70
-8.73	17.3	10.5	68
-9.52	17.3	10.5	69
-10.38	17.3	10.7	74
-11.21	17.3	11.2	60
-11.93	17.3	11.9	57
-12.74	17.2	12.2	55
-13.50	17.2	12.4	50
-14.29	17.2	12.6	46
-14.88	17.2	12.7	56
-14.93	17.2	12.8	57
-14.98	17.2	12.8	126
Depth Avg	**17.2**	**10.8**	**61**



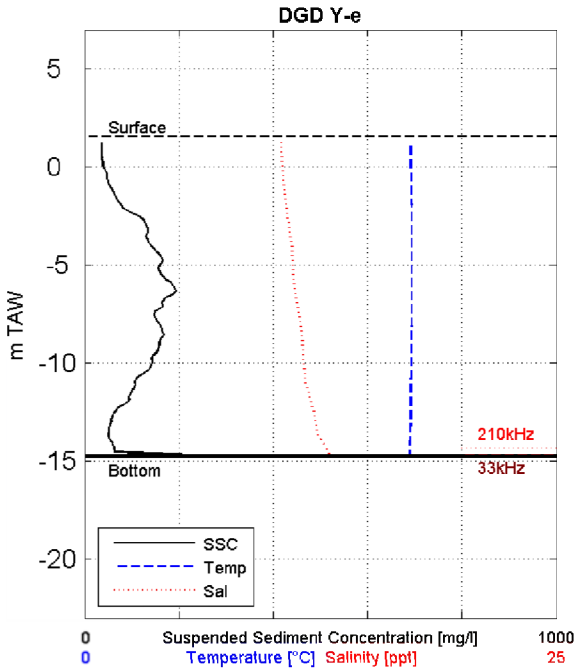
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

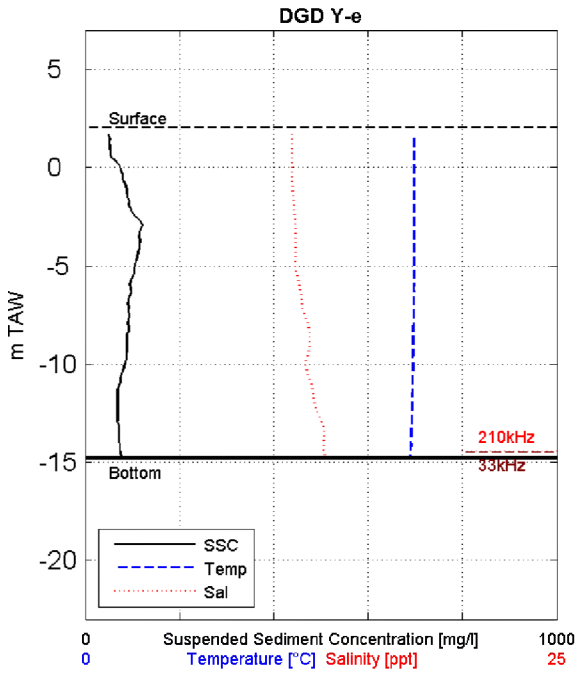
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8169 Ye_ctd.sil 8184 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:15
Time after/before HT [MET]:	1:25
Coordinates [UTM-ED50] Easting:	588797
Coordinates [UTM-ED50] Northing:	5684500
Water-Bottom Interface Siltpr. [m TAW]:	-14.77
Waterdepth 210 kHz Echo [m TAW]:	-14.31
Waterdepth 33 kHz Echo [m TAW]:	-14.65
Surface Elevation [m TAW]:	1.53

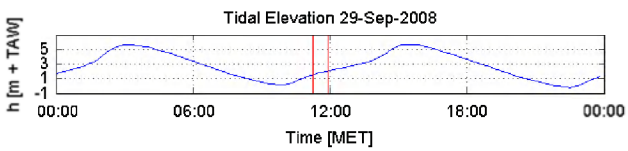
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.25	17.3	10.4	35
0.44	17.3	10.4	39
-0.42	17.3	10.5	47
-1.25	17.3	10.6	60
-2.06	17.3	10.7	80
-2.92	17.3	10.8	131
-3.78	17.4	10.9	134
-4.60	17.4	11.0	166
-5.48	17.4	11.1	165
-6.31	17.3	11.1	193
-7.29	17.3	11.3	153
-8.21	17.3	11.5	159
-9.22	17.3	11.5	160
-10.15	17.3	11.6	143
-11.25	17.3	11.8	102
-12.26	17.3	12.1	68
-13.27	17.3	12.3	51
-14.27	17.2	12.8	62
-14.67	17.2	13.0	34
-14.69	17.2	13.0	546
-14.70	17.2	13.0	285
-14.72	17.2	13.0	467
-14.77	17.1	13.0	424
Depth Avg	**17.3**	**11.3**	**110**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:54
Time after/before HT [MET]:	2:04
Coordinates [UTM-ED50] Easting:	588809
Coordinates [UTM-ED50] Northing:	5684504
Water-Bottom Interface Siltpr. [m TAW]:	-14.82
Waterdepth 210 kHz Echo [m TAW]:	-14.41
Waterdepth 33 kHz Echo [m TAW]:	-14.47
Surface Elevation [m TAW]:	2.03

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.74	17.4	11.0	46
0.97	17.4	11.0	54
0.21	17.4	11.0	69
-0.53	17.4	11.0	79
-1.29	17.4	11.0	90
-2.05	17.4	11.1	97
-2.81	17.4	11.1	121
-3.65	17.4	11.1	115
-4.46	17.4	11.1	111
-5.39	17.4	11.2	103
-6.23	17.4	11.4	97
-7.13	17.4	11.5	92
-7.89	17.4	11.8	91
-8.64	17.4	11.9	87
-9.40	17.4	11.8	88
-10.26	17.4	11.7	80
-11.12	17.4	12.0	72
-12.08	17.3	12.2	69
-13.04	17.3	12.6	71
-13.97	17.3	12.6	71
-14.70	17.3	12.7	76
-14.75	17.3	12.7	76
-14.82	17.2	12.7	75
Depth Avg	**17.4**	**11.6**	**85**



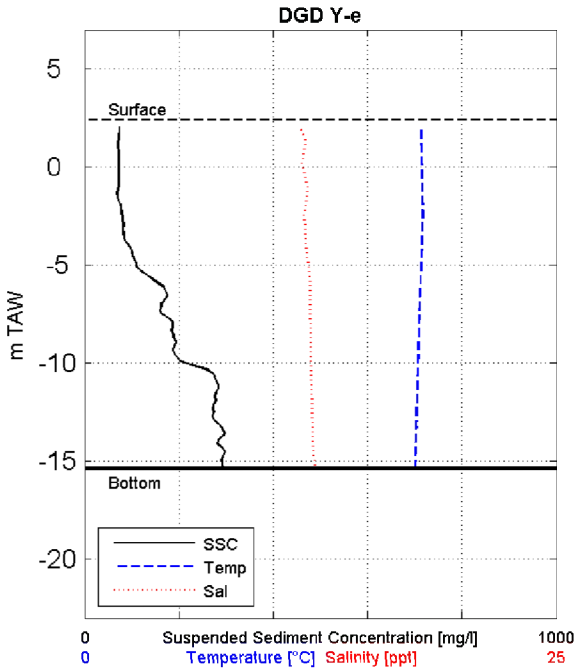
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

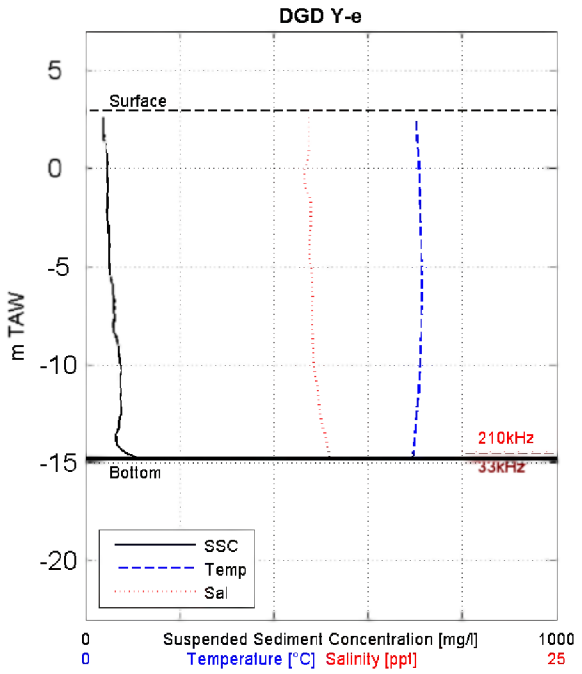
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8199 Ye_ctd.sil 8219 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:31
Time after/before HT [MET]:	2:41
Coordinates [UTM-ED50] Easting:	588841
Coordinates [UTM-ED50] Northing:	5684550
Water-Bottom Interface Siltpr. [m TAW]:	-15.40
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.42

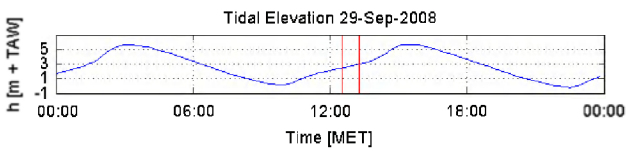
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.14	17.8	NaN	74
1.24	17.8	11.7	70
0.38	17.9	11.5	73
-0.63	17.9	11.7	73
-1.59	17.9	11.8	69
-2.48	17.9	11.7	80
-3.38	17.9	11.7	83
-4.22	17.9	11.8	100
-5.11	17.8	11.9	110
-6.06	17.8	11.9	164
-6.95	17.8	11.9	162
-7.79	17.7	12.0	182
-8.71	17.7	12.0	188
-9.63	17.7	12.0	193
-10.48	17.7	12.0	269
-11.32	17.6	12.0	283
-12.14	17.6	12.0	271
-13.00	17.6	12.1	279
-13.88	17.5	12.1	284
-14.72	17.5	12.1	292
-15.25	17.5	12.2	294
-15.37	17.4	12.2	290
-15.40	17.5	12.2	285
Depth Avg	**17.7**	**11.9**	**165**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:17
Time after/before HT [MET]:	3:27
Coordinates [UTM-ED50] Easting:	588799
Coordinates [UTM-ED50] Northing:	5684501
Water-Bottom Interface Siltpr. [m TAW]:	-14.80
Waterdepth 210 kHz Echo [m TAW]:	-14.42
Waterdepth 33 kHz Echo [m TAW]:	-14.52
Surface Elevation [m TAW]:	2.96

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.64	17.6	11.8	36
1.71	17.6	11.8	38
1.26	17.6	11.8	44
1.14	17.6	11.8	41
0.67	17.7	11.8	45
-0.13	17.7	11.6	45
-0.99	17.7	11.7	49
-1.78	17.7	11.9	46
-2.67	17.8	12.0	47
-3.65	17.8	11.9	49
-4.61	17.8	11.9	49
-5.50	17.8	12.0	55
-6.43	17.9	12.0	58
-7.29	17.8	12.0	60
-8.14	17.8	12.0	60
-9.05	17.8	12.0	70
-9.94	17.7	12.1	73
-10.98	17.7	12.3	73
-12.00	17.6	12.4	76
-13.02	17.5	12.6	69
-14.09	17.4	12.8	64
-14.73	17.4	12.9	110
-14.80	17.3	12.9	106
Depth Avg	**17.7**	**12.1**	**57**



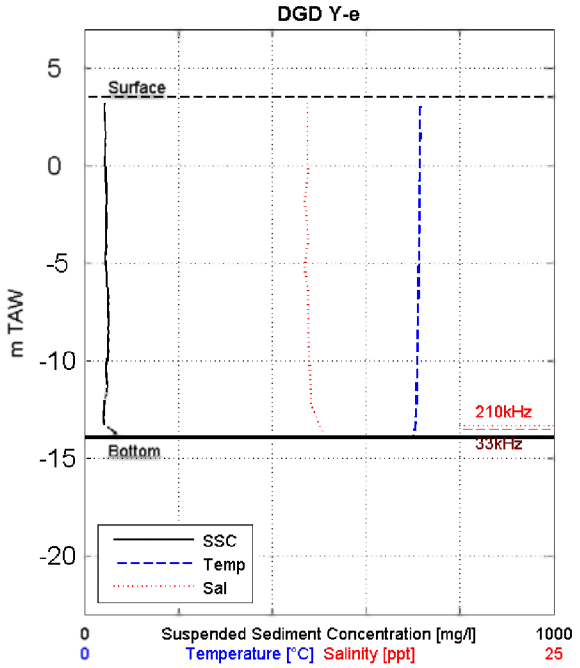
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

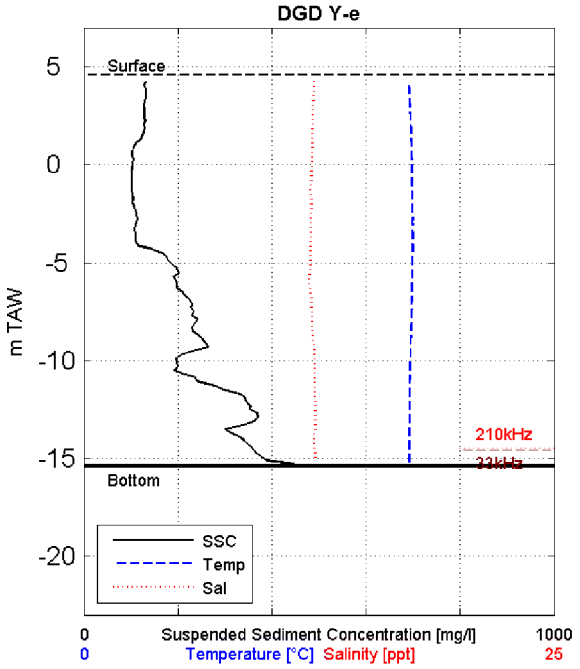
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8234 Ye_ctd.sil 8249 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:53
Time after/before HT [MET]:	4:03
Coordinates [UTM-ED50] Easting:	588833
Coordinates [UTM-ED50] Northing:	5684416
Water-Bottom Interface Siltpr. [m TAW]:	-13.93
Waterdepth 210 kHz Echo [m TAW]:	-13.29
Waterdepth 33 kHz Echo [m TAW]:	-13.51
Surface Elevation [m TAW]:	3.54

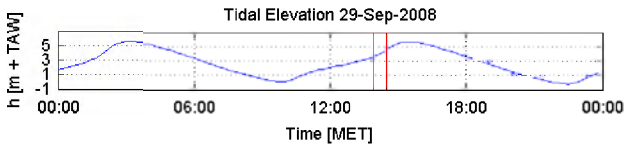
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.25	17.9	11.9	40
2.43	17.9	11.9	40
1.63	17.9	11.9	44
0.86	17.8	11.9	43
-0.04	17.9	11.9	44
-0.79	17.9	11.9	45
-1.67	17.8	11.7	47
-2.50	17.8	11.8	47
-3.34	17.8	11.9	45
-4.13	17.8	11.9	45
-4.91	17.8	11.8	45
-5.70	17.8	11.8	48
-6.49	17.8	11.9	48
-7.39	17.8	11.9	50
-8.28	17.8	11.9	49
-9.09	17.7	11.9	51
-9.90	17.7	12.0	48
-10.78	17.7	12.0	49
-11.62	17.7	12.0	45
-12.43	17.7	12.2	40
-13.27	17.6	12.5	39
-13.86	17.5	12.8	76
-13.93	17.5	12.8	94
Depth Avg	**17.8**	**11.9**	**46**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:29
Time after/before HT [MET]:	4:39
Coordinates [UTM-ED50] Easting:	588801
Coordinates [UTM-ED50] Northing:	5684496
Water-Bottom Interface Siltpr. [m TAW]:	-15.40
Waterdepth 210 kHz Echo [m TAW]:	-14.47
Waterdepth 33 kHz Echo [m TAW]:	-14.55
Surface Elevation [m TAW]:	4.57

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.28	17.2	12.2	132
3.13	17.3	12.2	128
1.95	17.4	12.1	129
0.74	17.4	12.1	101
-0.36	17.4	12.1	100
-1.43	17.4	12.1	102
-2.45	17.5	12.1	112
-3.53	17.4	12.1	110
-4.59	17.5	12.1	169
-5.60	17.4	12.0	197
-6.61	17.4	12.1	214
-7.69	17.4	12.1	228
-8.62	17.4	12.1	236
-9.54	17.4	12.3	222
-10.56	17.3	12.3	196
-11.47	17.3	12.3	294
-12.39	17.3	12.3	358
-13.44	17.3	12.3	310
-14.42	17.3	12.3	356
-15.21	17.3	NaN	396
-15.26	17.3	NaN	416
-15.33	17.3	NaN	533
-15.40	17.3	NaN	533
Depth Avg	**17.4**	**12.2**	**198**



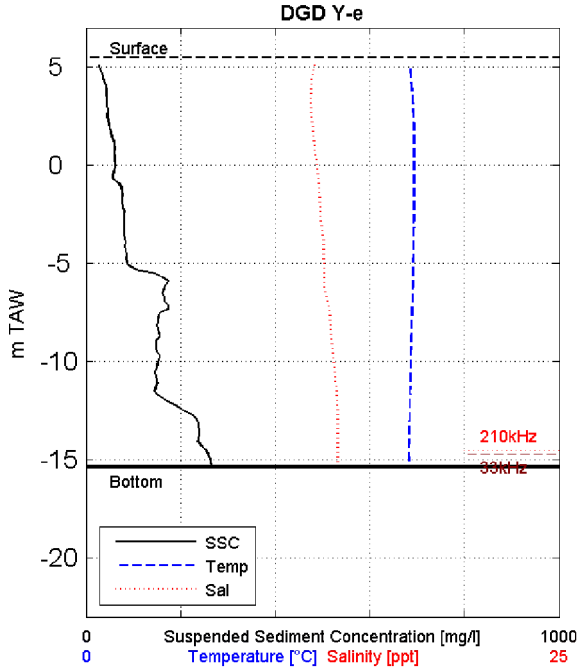
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

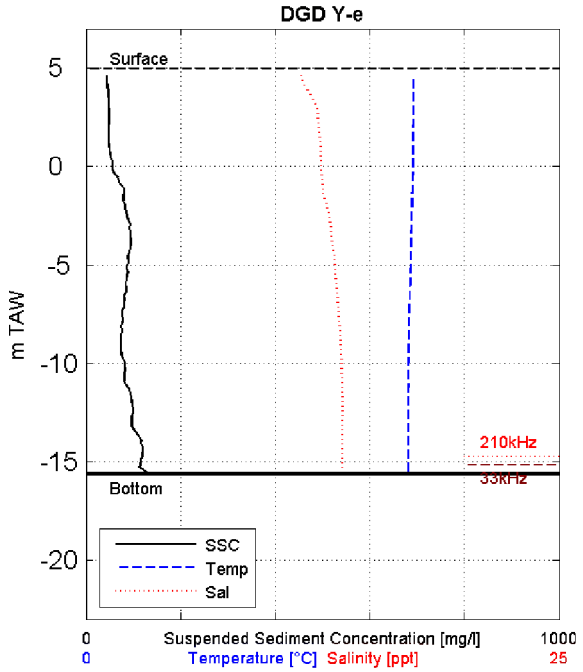
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8279 Ye_ctd.sil 8294 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:01
Time after/before HT [MET]:	6:11
Coordinates [UTM-ED50] Easting:	588778
Coordinates [UTM-ED50] Northing:	5684495
Water-Bottom Interface Siltpr. [m TAW]:	-15.40
Waterdepth 210 kHz Echo [m TAW]:	-14.52
Waterdepth 33 kHz Echo [m TAW]:	-14.69
Surface Elevation [m TAW]:	5.47

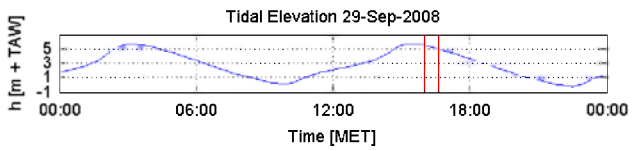
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.19	17.1	12.1	29
4.04	17.2	11.9	41
3.05	17.3	11.9	44
1.95	17.3	12.0	46
0.81	17.3	12.1	61
-0.32	17.3	12.3	58
-1.47	17.3	12.3	77
-2.46	17.3	12.4	79
-3.53	17.3	12.5	79
-4.64	17.3	12.6	84
-5.72	17.3	12.6	157
-6.68	17.3	12.7	165
-7.62	17.2	12.9	152
-8.65	17.2	12.9	155
-9.60	17.1	13.0	150
-10.56	17.1	13.1	147
-11.35	17.1	13.2	144
-12.29	17.1	13.3	194
-13.20	17.1	13.3	239
-14.08	17.1	13.3	238
-14.92	17.1	13.3	263
-15.35	17.1	NaN	273
-15.40	17.1	NaN	272
Depth Avg	**17.2**	**12.6**	**120**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:37
Time after/before HT [MET]:	6:47
Coordinates [UTM-ED50] Easting:	588826
Coordinates [UTM-ED50] Northing:	5684523
Water-Bottom Interface Siltpr. [m TAW]:	-15.64
Waterdepth 210 kHz Echo [m TAW]:	-14.70
Waterdepth 33 kHz Echo [m TAW]:	-15.13
Surface Elevation [m TAW]:	4.98

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.69	17.3	11.4	45
3.65	17.3	11.8	47
2.82	17.3	12.2	49
1.73	17.3	12.3	46
0.66	17.3	12.4	51
-0.35	17.3	12.4	61
-1.34	17.2	12.5	78
-2.36	17.2	12.8	85
-3.40	17.2	13.0	95
-4.38	17.2	13.1	86
-5.39	17.1	13.2	89
-6.38	17.1	13.3	88
-7.40	17.1	13.3	73
-8.36	17.1	13.4	75
-9.37	17.0	13.5	75
-10.36	17.0	13.5	80
-11.36	17.0	13.5	91
-12.40	17.0	13.5	101
-13.38	17.0	13.5	100
-14.36	17.0	13.5	121
-15.41	17.0	NaN	113
-15.59	17.0	NaN	116
-15.64	17.0	NaN	214
Depth Avg	**17.1**	**12.9**	**78**



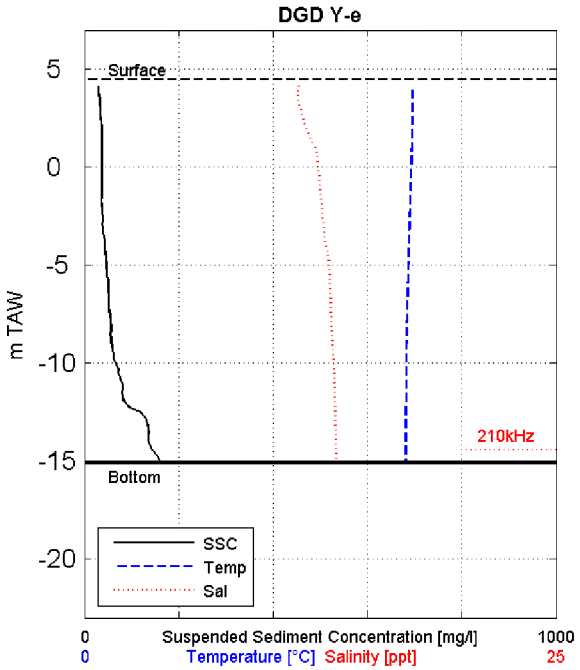
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

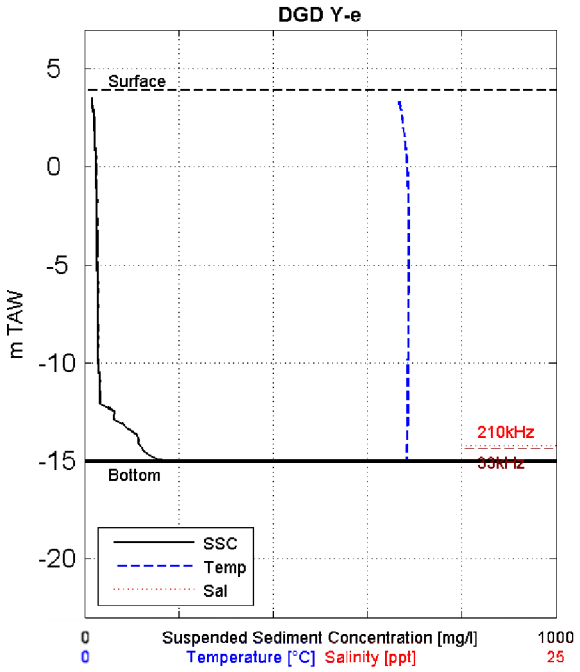
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8309 Ye_ctd.sil 8324 Ye_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:09
Time after/before HT [MET]:	7:19
Coordinates [UTM-ED50] Easting:	588798
Coordinates [UTM-ED50] Northing:	5684505
Water-Bottom Interface Siltpr. [m TAW]:	-15.11
Waterdepth 210 kHz Echo [m TAW]:	-14.42
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	4.46

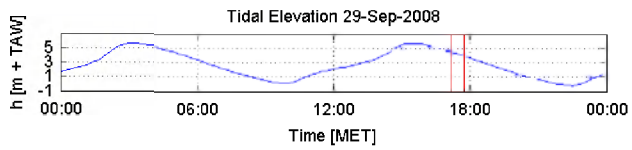
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.18	17.4	11.4	30
3.00	17.4	11.4	32
1.85	17.4	11.8	35
0.77	17.3	12.3	36
-0.32	17.3	12.4	36
-1.39	17.3	12.5	37
-2.28	17.3	12.6	39
-3.28	17.2	12.7	39
-4.27	17.2	12.9	44
-5.25	17.1	13.0	46
-6.16	17.1	13.0	51
-7.07	17.1	13.0	50
-7.96	17.1	13.1	55
-8.91	17.1	13.2	56
-9.80	17.1	13.2	62
-10.73	17.0	13.3	77
-11.69	17.1	13.3	80
-12.63	17.1	13.3	124
-13.59	17.0	13.3	136
-14.59	17.1	13.3	149
-14.99	17.0	13.3	159
-15.06	17.0	NaN	149
-15.11	17.0	NaN	149
Depth Avg	**17.2**	**12.7**	**60**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:43
Time after/before HT [MET]:	7:53
Coordinates [UTM-ED50] Easting:	588783
Coordinates [UTM-ED50] Northing:	5684503
Water-Bottom Interface Siltpr. [m TAW]:	-15.05
Waterdepth 210 kHz Echo [m TAW]:	-14.24
Waterdepth 33 kHz Echo [m TAW]:	-14.41
Surface Elevation [m TAW]:	3.88

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.58	16.6	NaN	15
2.57	16.8	NaN	21
1.59	16.9	NaN	21
0.58	17.1	NaN	24
-0.43	17.1	NaN	24
-1.37	17.2	NaN	23
-2.45	17.2	NaN	25
-3.50	17.2	NaN	26
-4.43	17.2	NaN	26
-5.47	17.2	NaN	26
-6.38	17.1	NaN	29
-7.33	17.1	NaN	28
-8.19	17.1	NaN	29
-9.03	17.1	NaN	29
-9.92	17.1	NaN	29
-10.83	17.1	NaN	31
-11.76	17.1	NaN	32
-12.64	17.1	NaN	65
-13.48	17.1	NaN	100
-14.36	17.1	NaN	123
-14.96	17.1	NaN	270
-15.03	17.1	NaN	242
-15.05	17.1	NaN	174
Depth Avg	**17.1**	**NaN**	**37**



Data Processed by: IMDC

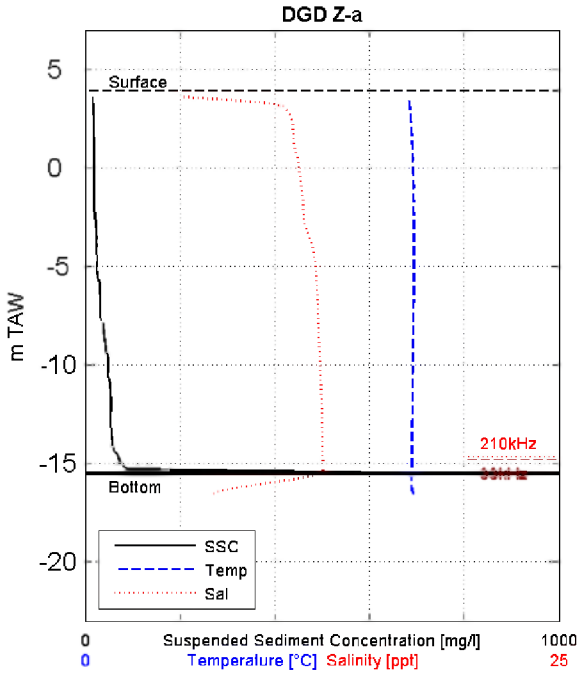
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.11 Location Za

Through tide measurements Siltprofiler DGD Summer 2008

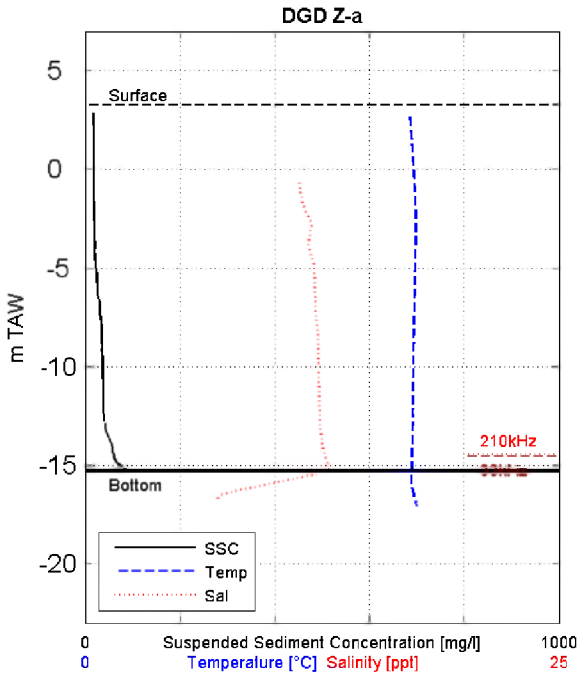
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8018 Za_ctd.sil 8033 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:28
Time after/before HT [MET]:	2:18
Coordinates [UTM-ED50] Easting:	588672
Coordinates [UTM-ED50] Northing:	5684111
Water-Bottom Interface Siltpr. [m TAW]:	-15.52
Waterdepth 210 kHz Echo [m TAW]:	-14.68
Waterdepth 33 kHz Echo [m TAW]:	-14.81
Surface Elevation [m TAW]:	3.90

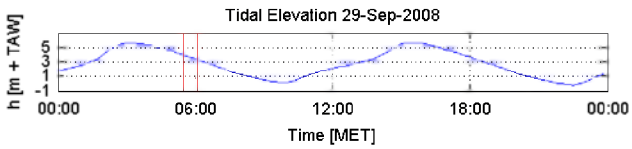
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.62	17.1	5.2	18
2.79	17.1	10.7	18
2.03	17.2	10.9	17
1.27	17.2	11.0	19
0.57	17.3	11.2	18
-0.29	17.3	11.3	18
-1.22	17.3	11.4	19
-2.07	17.3	11.5	18
-2.94	17.3	11.6	23
-3.80	17.3	11.9	23
-4.75	17.3	12.1	24
-5.66	17.3	12.2	27
-6.53	17.3	12.2	32
-7.44	17.3	12.3	32
-8.39	17.3	12.3	39
-9.35	17.3	12.4	43
-10.28	17.3	12.4	48
-11.19	17.3	12.4	53
-12.16	17.3	12.5	54
-13.14	17.2	12.5	53
-14.05	17.2	12.5	57
-15.00	17.2	12.5	73
-15.52	17.2	12.5	17426
Depth Avg	**17.3**	**11.8**	**57**



Siltprofiler

Date & Time [MET]:	29/9/2008 06:05
Time after/before HT [MET]:	2:55
Coordinates [UTM-ED50] Easting:	588685
Coordinates [UTM-ED50] Northing:	5684110
Water-Bottom Interface Siltpr. [m TAW]:	-15.30
Waterdepth 210 kHz Echo [m TAW]:	-14.45
Waterdepth 33 kHz Echo [m TAW]:	-14.54
Surface Elevation [m TAW]:	3.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.91	17.1	NaN	17
2.13	17.2	NaN	16
1.39	17.2	NaN	18
0.63	17.3	NaN	17
-0.13	17.3	NaN	17
-0.90	17.4	11.3	15
-1.68	17.4	11.4	18
-2.45	17.4	11.8	18
-3.24	17.4	11.9	19
-4.12	17.4	11.8	21
-5.05	17.4	12.1	22
-6.01	17.4	12.1	27
-6.95	17.4	12.1	31
-7.86	17.3	12.2	32
-8.74	17.3	12.3	34
-9.55	17.3	12.3	37
-10.41	17.3	12.3	36
-11.17	17.3	12.3	38
-12.10	17.3	12.4	39
-12.97	17.3	12.4	42
-13.88	17.3	12.5	54
-14.79	17.2	12.6	66
-15.30	17.2	12.8	98
Depth Avg	**17.3**	**12.0**	**30**



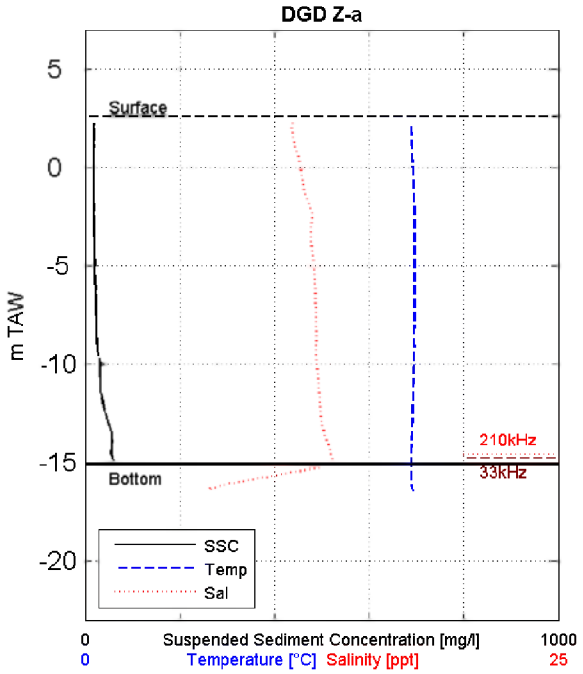
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

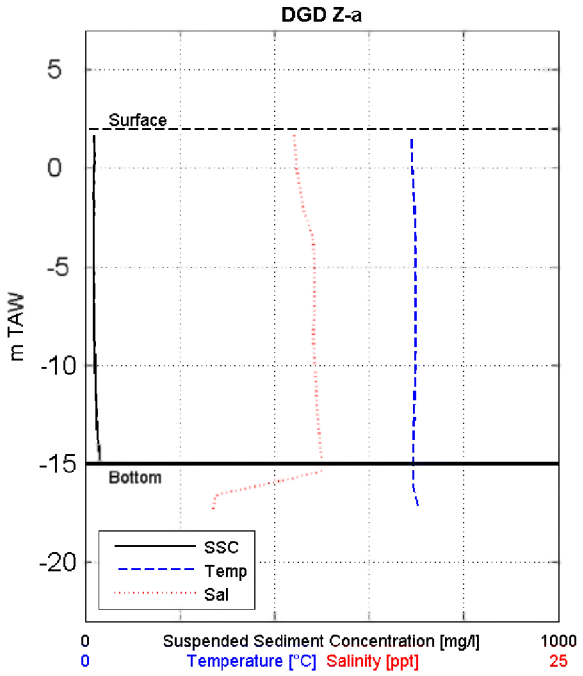
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8049 Za_ctd.sil 8064 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:42
Time after/before HT [MET]:	3:32
Coordinates [UTM-ED50] Easting:	588667
Coordinates [UTM-ED50] Northing:	5684105
Water-Bottom Interface Siltpr. [m TAW]:	-15.10
Waterdepth 210 kHz Echo [m TAW]:	-14.54
Waterdepth 33 kHz Echo [m TAW]:	-14.75
Surface Elevation [m TAW]:	2.60

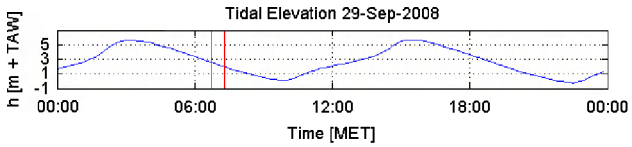
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.28	17.2	11.0	18
1.34	17.2	11.0	18
0.53	17.3	11.2	17
-0.30	17.3	11.4	16
-1.16	17.3	11.6	17
-2.09	17.4	11.9	18
-2.96	17.4	11.9	19
-3.79	17.4	11.9	19
-4.56	17.4	12.0	19
-5.36	17.4	12.1	19
-6.20	17.4	12.1	21
-7.06	17.4	12.2	23
-7.83	17.4	12.2	23
-8.63	17.4	12.2	22
-9.42	17.4	12.2	28
-10.13	17.4	12.2	32
-10.95	17.3	12.3	30
-11.80	17.3	12.4	36
-12.62	17.3	12.4	45
-13.45	17.2	12.6	55
-14.17	17.2	12.9	55
-14.88	17.2	13.1	58
-15.10	17.2	13.1	58
Depth Avg	**17.3**	**12.0**	**27**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:16
Time after/before HT [MET]:	4:06
Coordinates [UTM-ED50] Easting:	588663
Coordinates [UTM-ED50] Northing:	5684104
Water-Bottom Interface Siltpr. [m TAW]:	-14.99
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.97

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.68	17.2	11.0	18
0.96	17.3	11.1	18
0.10	17.3	11.1	20
-0.70	17.3	11.3	18
-1.52	17.4	11.4	17
-2.40	17.4	11.6	19
-3.26	17.4	12.0	18
-4.03	17.4	12.0	18
-4.74	17.4	12.1	18
-5.52	17.4	12.1	18
-6.34	17.4	12.1	18
-7.07	17.4	12.1	18
-7.88	17.4	12.1	18
-8.65	17.4	12.0	19
-9.48	17.4	12.1	19
-10.22	17.4	12.1	22
-10.98	17.4	12.2	22
-11.71	17.4	12.2	24
-12.48	17.3	12.3	24
-13.21	17.3	12.3	24
-13.96	17.3	12.4	27
-14.69	17.3	12.5	29
-14.99	17.3	12.5	32
Depth Avg	**17.4**	**11.9**	**20**



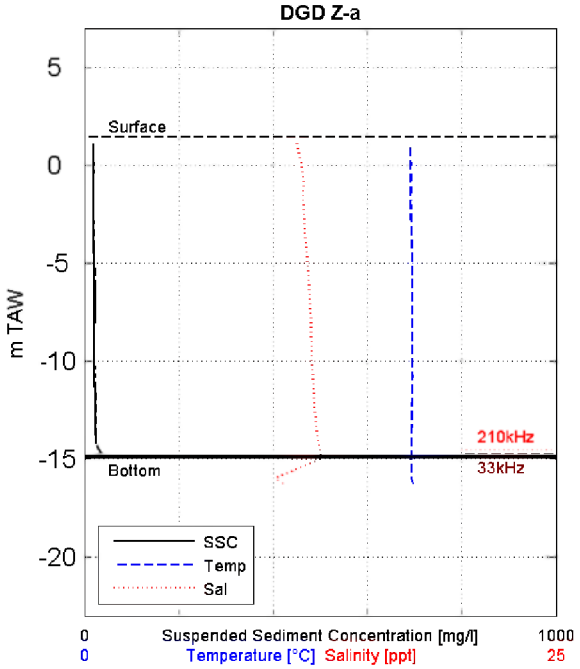
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

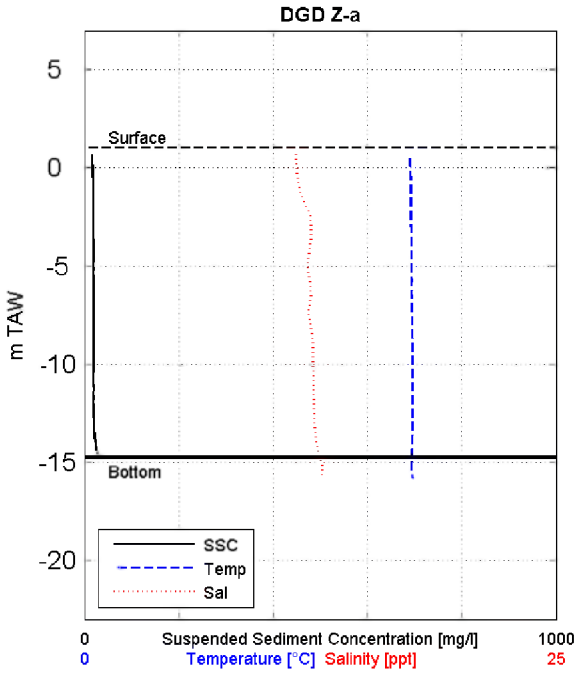
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8079 Za_ctd.sil 8094 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:46
Time after/before HT [MET]:	4:36
Coordinates [UTM-ED50] Easting:	588674
Coordinates [UTM-ED50] Northing:	5684116
Water-Bottom Interface Siltpr. [m TAW]:	-14.89
Waterdepth 210 kHz Echo [m TAW]:	-14.53
Waterdepth 33 kHz Echo [m TAW]:	-14.71
Surface Elevation [m TAW]:	1.47

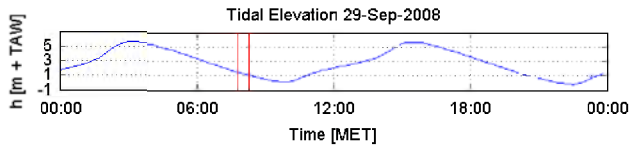
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.18	17.3	11.3	17
0.46	17.3	11.4	18
-0.25	17.3	11.5	18
-0.94	17.3	11.6	18
-1.69	17.3	11.6	18
-2.41	17.3	11.6	14
-3.19	17.3	11.7	19
-3.93	17.3	11.7	18
-4.67	17.4	11.8	20
-5.45	17.4	11.9	20
-6.19	17.4	11.9	21
-6.91	17.4	11.9	21
-7.69	17.4	12.0	20
-8.48	17.4	12.0	17
-9.26	17.4	12.0	19
-10.07	17.4	12.0	21
-10.86	17.4	12.1	20
-11.65	17.3	12.1	22
-12.41	17.4	12.2	22
-13.20	17.3	12.3	22
-14.01	17.3	12.3	22
-14.72	17.3	12.5	39
-14.89	17.3	12.5	44
Depth Avg	**17.3**	**11.9**	**20**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:17
Time after/before HT [MET]:	5:07
Coordinates [UTM-ED50] Easting:	588673
Coordinates [UTM-ED50] Northing:	5684109
Water-Bottom Interface Siltpr. [m TAW]:	-14.79
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.04

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.74	17.2	NaN	17
0.05	17.3	11.2	16
-0.69	17.3	11.3	15
-1.49	17.3	11.5	18
-2.31	17.3	11.9	17
-3.12	17.3	12.0	18
-3.88	17.3	11.9	19
-4.62	17.3	11.8	19
-5.38	17.3	11.9	17
-6.07	17.3	12.0	19
-6.76	17.3	11.9	16
-7.42	17.4	11.9	18
-8.08	17.3	12.0	19
-8.79	17.4	12.1	19
-9.44	17.4	12.1	19
-10.17	17.4	12.1	18
-10.89	17.4	12.1	16
-11.64	17.4	12.1	18
-12.40	17.4	12.2	19
-13.12	17.4	12.2	18
-13.79	17.4	12.2	22
-14.54	17.3	12.4	27
-14.79	17.3	12.5	32
Depth Avg	**17.3**	**11.9**	**18**



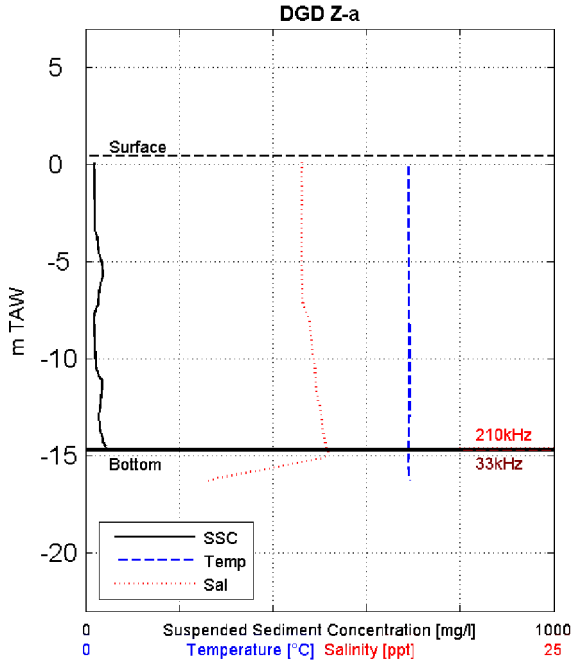
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

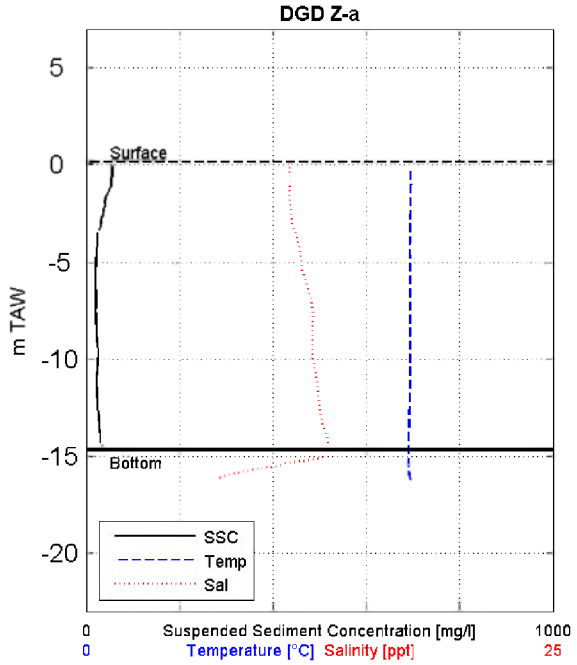
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8114 Za_ctd.sil 8129 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:05
Time after/before HT [MET]:	5:55
Coordinates [UTM-ED50] Easting:	588671
Coordinates [UTM-ED50] Northing:	5684106
Water-Bottom Interface Siltpr. [m TAW]:	-14.71
Waterdepth 210 kHz Echo [m TAW]:	-14.57
Waterdepth 33 kHz Echo [m TAW]:	-14.70
Surface Elevation [m TAW]:	0.44

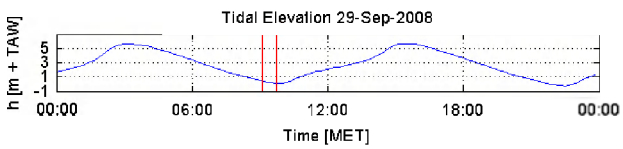
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.16	17.2	11.6	18
-0.50	17.2	11.5	17
-1.18	17.2	11.5	19
-1.80	17.2	11.6	19
-2.41	17.2	11.5	18
-3.06	17.2	11.5	17
-3.72	17.2	11.5	25
-4.40	17.2	11.5	27
-5.12	17.2	11.5	35
-5.81	17.3	11.6	34
-6.57	17.2	11.6	28
-7.33	17.2	11.7	24
-8.07	17.3	11.9	18
-8.80	17.3	12.0	22
-9.52	17.3	12.1	20
-10.26	17.3	12.2	21
-10.95	17.3	12.3	30
-11.65	17.3	12.3	34
-12.29	17.3	12.4	32
-13.03	17.3	12.6	23
-13.70	17.2	12.7	32
-14.46	17.2	12.8	42
-14.71	17.2	12.9	609
Depth Avg	**17.3**	**11.9**	**26**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:42
Time after/before HT [MET]:	6:32
Coordinates [UTM-ED50] Easting:	588670
Coordinates [UTM-ED50] Northing:	5684111
Water-Bottom Interface Siltpr. [m TAW]:	-14.66
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.16

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.13	17.4	10.9	54
-0.87	17.4	10.9	53
-1.63	17.4	10.9	40
-2.37	17.4	10.9	36
-3.06	17.3	11.0	29
-3.77	17.3	11.3	24
-4.46	17.3	11.4	21
-5.17	17.3	11.5	21
-5.78	17.3	11.7	20
-6.47	17.3	11.9	20
-7.14	17.3	12.1	21
-7.90	17.3	12.1	21
-8.71	17.4	12.1	20
-9.40	17.3	12.1	26
-10.13	17.4	12.2	25
-10.78	17.3	12.3	22
-11.41	17.3	12.4	23
-12.03	17.3	12.4	24
-12.65	17.3	12.5	25
-13.23	17.3	12.6	28
-13.82	17.3	12.8	30
-14.46	17.2	12.9	33
-14.66	17.3	13.0	11896
Depth Avg	**17.3**	**11.8**	**56**



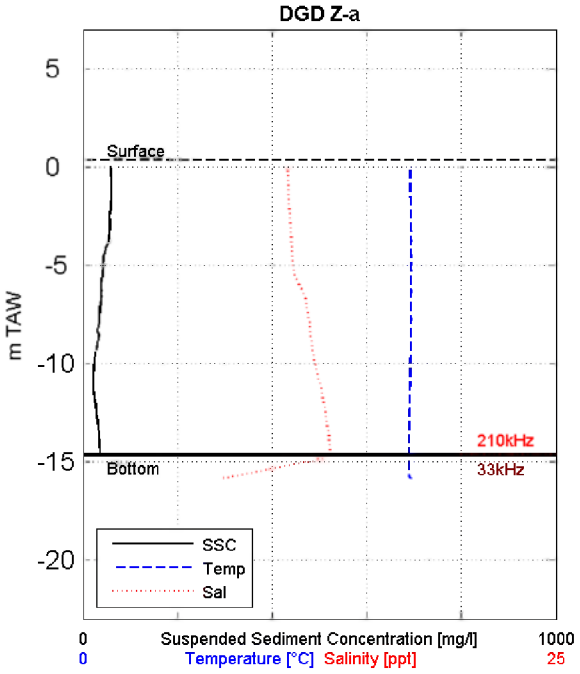
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

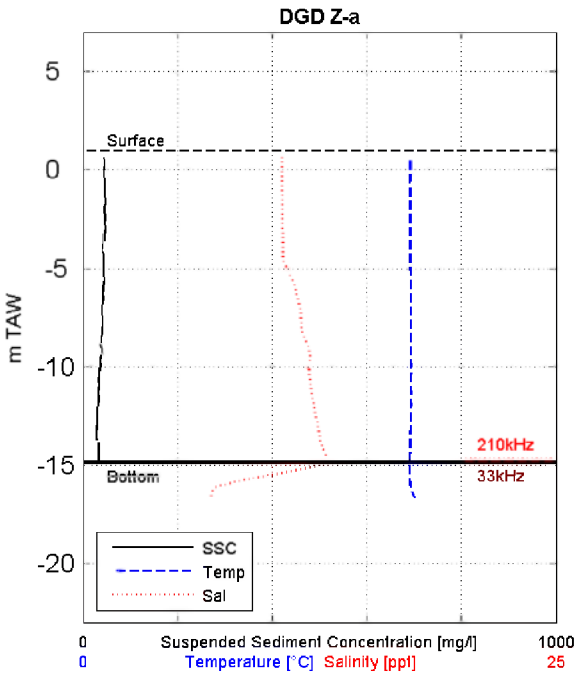
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8144 Za_ctd.sil 8159 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:15
Time after/before HT [MET]:	0:25
Coordinates [UTM-ED50] Easting:	588674
Coordinates [UTM-ED50] Northing:	5684118
Water-Bottom Interface Siltpr. [m TAW]:	-14.65
Waterdepth 210 kHz Echo [m TAW]:	-14.58
Waterdepth 33 kHz Echo [m TAW]:	-14.69
Surface Elevation [m TAW]:	0.32

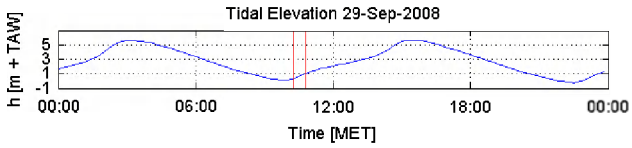
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.04	17.3	10.8	58
-0.60	17.3	10.8	59
-1.28	17.3	10.8	62
-1.95	17.3	10.9	59
-2.71	17.3	10.9	56
-3.49	17.3	11.0	55
-4.23	17.3	11.0	46
-4.99	17.3	11.1	41
-5.73	17.3	11.3	39
-6.40	17.3	11.6	38
-7.08	17.3	11.8	35
-7.67	17.3	11.9	32
-8.28	17.3	12.0	28
-8.93	17.3	12.1	30
-9.59	17.3	12.2	26
-10.22	17.3	12.3	22
-10.81	17.3	12.4	22
-11.48	17.3	12.6	22
-12.20	17.3	12.7	27
-12.91	17.2	12.9	31
-13.64	17.2	13.0	34
-14.31	17.2	13.0	35
-14.65	17.2	13.1	35
Depth Avg	**17.3**	**11.8**	**39**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:47
Time after/before HT [MET]:	0:57
Coordinates [UTM-ED50] Easting:	588668
Coordinates [UTM-ED50] Northing:	5684110
Water-Bottom Interface Siltpr. [m TAW]:	-14.86
Waterdepth 210 kHz Echo [m TAW]:	-14.63
Waterdepth 33 kHz Echo [m TAW]:	-14.82
Surface Elevation [m TAW]:	1.00

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.71	17.3	10.5	43
-0.01	17.3	10.5	44
-0.85	17.3	10.5	45
-1.68	17.3	10.5	49
-2.46	17.3	10.5	46
-3.21	17.3	10.5	45
-4.01	17.3	10.5	40
-4.77	17.3	10.7	43
-5.52	17.3	11.0	45
-6.25	17.3	11.3	42
-6.89	17.3	11.4	41
-7.60	17.3	11.5	41
-8.31	17.3	11.6	41
-9.03	17.3	11.9	38
-9.76	17.3	12.0	36
-10.40	17.3	11.9	33
-11.12	17.3	12.0	31
-11.88	17.3	12.2	32
-12.62	17.3	12.3	31
-13.30	17.3	12.4	27
-14.04	17.3	12.6	32
-14.66	17.3	12.9	33
-14.86	17.2	13.0	32
Depth Avg	**17.3**	**11.4**	**39**



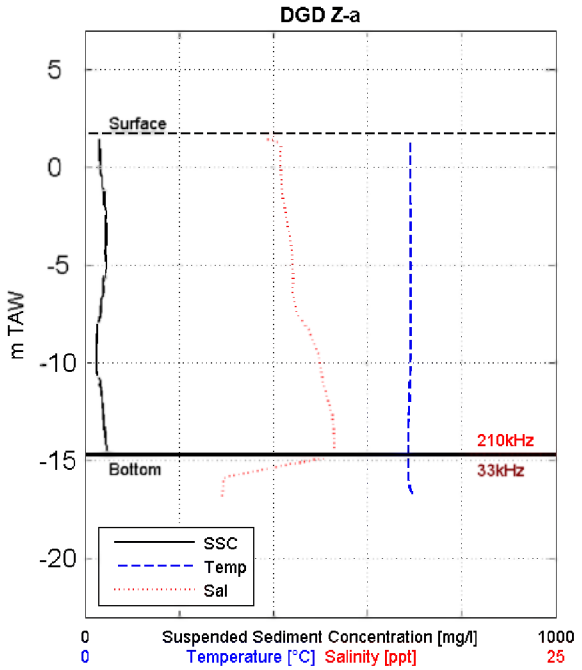
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

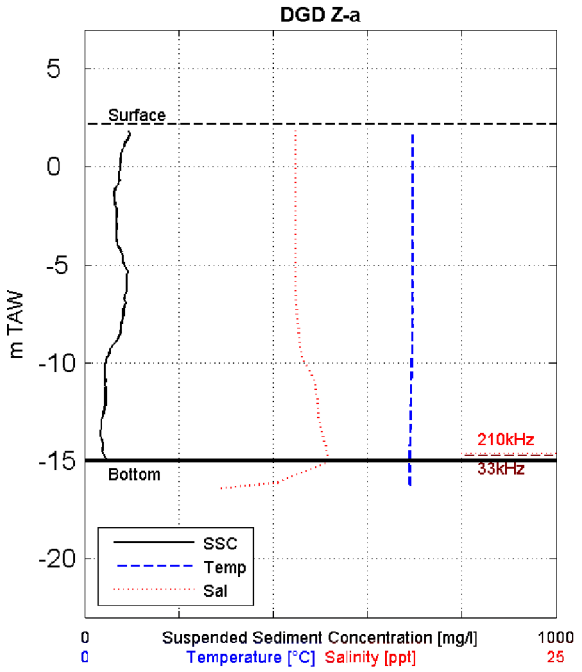
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8174 Za_ctd.sil 8189 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:29
Time after/before HT [MET]:	1:39
Coordinates [UTM-ED50] Easting:	588688
Coordinates [UTM-ED50] Northing:	5684111
Water-Bottom Interface Siltpr. [m TAW]:	-14.72
Waterdepth 210 kHz Echo [m TAW]:	-14.66
Waterdepth 33 kHz Echo [m TAW]:	-14.77
Surface Elevation [m TAW]:	1.75

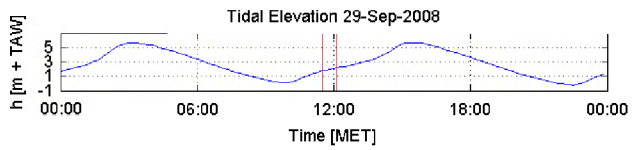
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.45	17.2	9.7	30
0.66	17.3	10.4	30
-0.18	17.3	10.4	31
-0.94	17.3	10.4	35
-1.72	17.3	10.5	41
-2.53	17.3	10.7	44
-3.37	17.3	10.8	44
-4.18	17.3	11.0	45
-4.96	17.3	11.0	45
-5.71	17.3	11.0	39
-6.41	17.3	11.0	39
-7.08	17.3	11.2	32
-7.84	17.3	11.5	30
-8.58	17.3	12.0	26
-9.29	17.3	12.3	24
-10.03	17.3	12.5	22
-10.76	17.3	12.6	29
-11.46	17.2	12.8	34
-12.19	17.2	13.0	38
-12.91	17.2	13.2	40
-13.60	17.1	13.2	42
-14.31	17.1	13.2	45
-14.72	17.1	13.2	48
Depth Avg	**17.2**	**11.5**	**36**



Siltprofiler

Date & Time [MET]:	29/9/2008 12:07
Time after/before HT [MET]:	2:17
Coordinates [UTM-ED50] Easting:	588672
Coordinates [UTM-ED50] Northing:	5684114
Water-Bottom Interface Siltpr. [m TAW]:	-15.00
Waterdepth 210 kHz Echo [m TAW]:	-14.60
Waterdepth 33 kHz Echo [m TAW]:	-14.70
Surface Elevation [m TAW]:	2.18

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.86	17.4	11.2	95
1.02	17.4	11.2	82
0.11	17.4	11.2	75
-0.70	17.4	11.2	76
-1.46	17.4	11.2	62
-2.24	17.4	11.2	69
-3.03	17.4	11.2	69
-3.82	17.3	11.2	69
-4.61	17.4	11.2	83
-5.42	17.4	11.2	92
-6.16	17.4	11.2	91
-6.99	17.4	11.2	87
-7.82	17.4	11.3	79
-8.66	17.4	11.4	74
-9.44	17.4	11.5	55
-10.13	17.3	11.8	42
-10.87	17.3	12.2	45
-11.66	17.3	12.3	43
-12.37	17.3	12.4	41
-13.14	17.2	12.5	35
-13.85	17.3	12.7	36
-14.63	17.3	12.9	41
-15.00	17.2	12.9	45
Depth Avg	**17.3**	**11.6**	**66**



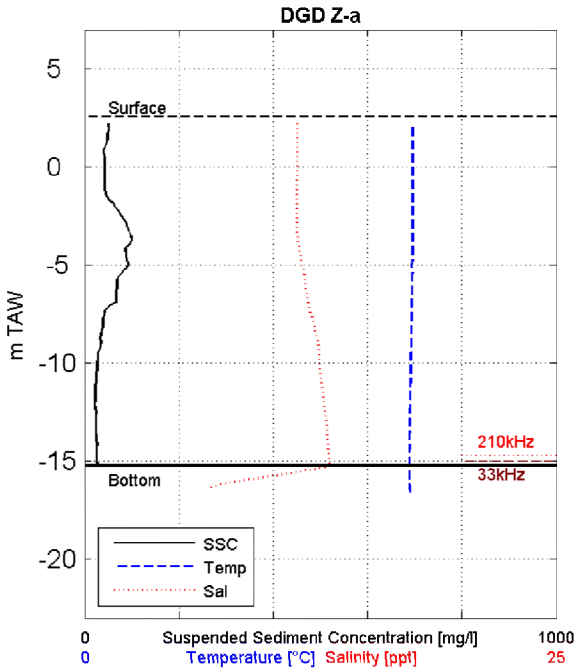
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

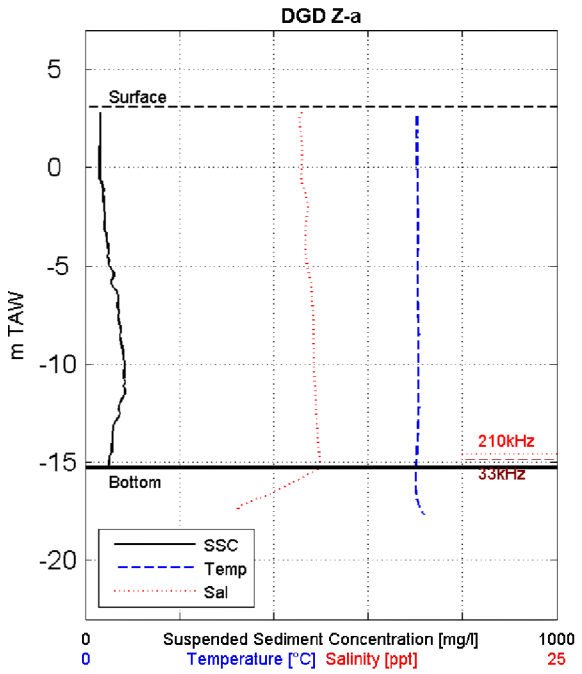
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8204 Za_ctd.sil 8224 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:42
Time after/before HT [MET]:	2:52
Coordinates [UTM-ED50] Easting:	588683
Coordinates [UTM-ED50] Northing:	5684092
Water-Bottom Interface Siltpr. [m TAW]:	-15.25
Waterdepth 210 kHz Echo [m TAW]:	-14.70
Waterdepth 33 kHz Echo [m TAW]:	-14.99
Surface Elevation [m TAW]:	2.55

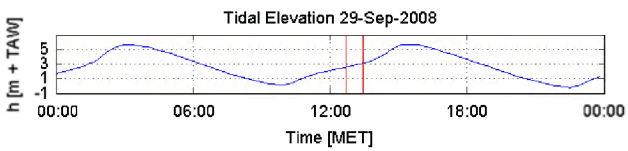
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.25	17.4	11.3	50
1.37	17.4	11.3	48
0.46	17.4	11.3	43
-0.33	17.4	11.3	44
-1.11	17.4	11.3	41
-1.95	17.4	11.2	65
-2.79	17.4	11.2	89
-3.64	17.4	11.3	100
-4.51	17.4	11.4	87
-5.39	17.4	11.6	77
-6.25	17.4	11.7	67
-7.09	17.3	11.9	49
-7.94	17.3	12.1	39
-8.73	17.3	12.3	34
-9.54	17.3	12.4	27
-10.30	17.3	12.5	26
-11.06	17.3	12.6	24
-11.85	17.2	12.7	22
-12.61	17.3	12.7	26
-13.37	17.2	12.8	23
-14.13	17.2	12.9	27
-14.92	17.2	12.9	25
-15.25	17.2	13.0	27
Depth Avg	**17.3**	**11.9**	**48**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:27
Time after/before HT [MET]:	3:37
Coordinates [UTM-ED50] Easting:	588668
Coordinates [UTM-ED50] Northing:	5684104
Water-Bottom Interface Siltpr. [m TAW]:	-15.30
Waterdepth 210 kHz Echo [m TAW]:	-14.60
Waterdepth 33 kHz Echo [m TAW]:	-14.88
Surface Elevation [m TAW]:	3.09

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.81	17.6	11.5	31
2.05	17.6	11.4	31
1.24	17.6	11.5	31
0.35	17.6	11.5	32
-0.55	17.6	11.4	32
-1.59	17.6	11.7	39
-2.50	17.6	11.7	41
-3.38	17.6	11.6	45
-4.29	17.6	11.7	48
-5.13	17.6	11.8	54
-5.94	17.6	12.0	56
-6.68	17.6	12.0	69
-7.54	17.6	12.1	69
-8.32	17.7	12.1	75
-9.11	17.7	12.1	79
-9.90	17.7	12.1	84
-10.76	17.7	12.1	83
-11.66	17.7	12.2	82
-12.60	17.7	12.2	74
-13.36	17.6	12.3	58
-14.20	17.6	12.4	55
-15.01	17.6	12.4	52
-15.30	17.5	12.5	48
Depth Avg	**17.6**	**11.9**	**55**



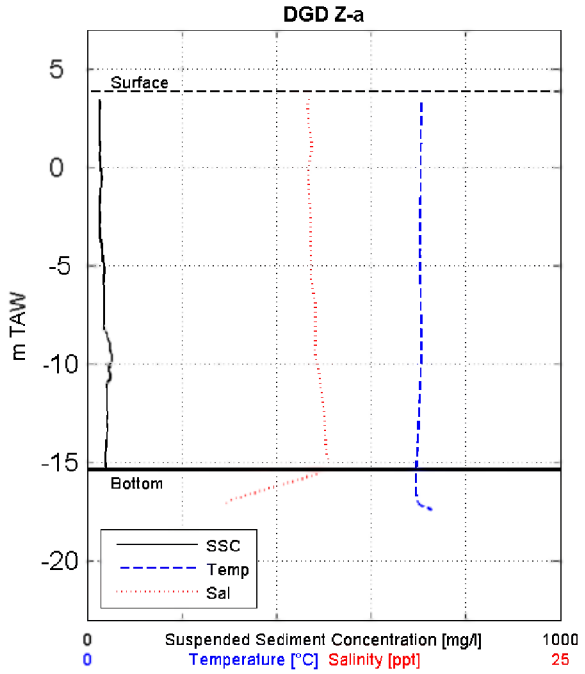
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

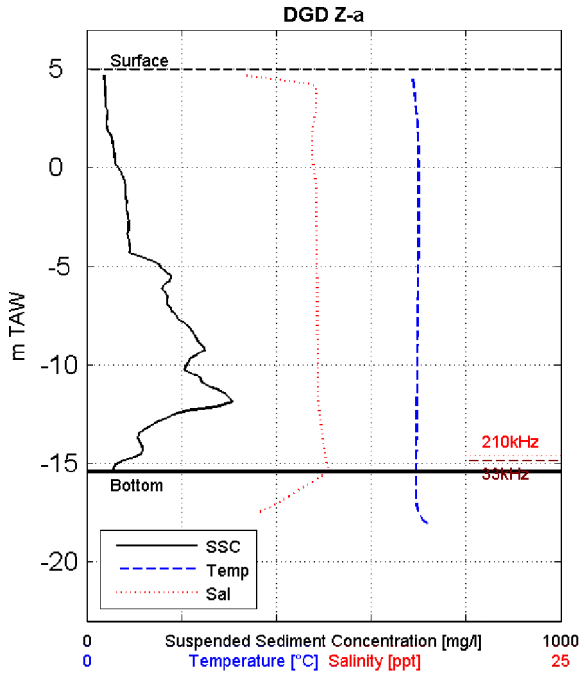
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8239 Za_ctd.sil 8254 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 14:06
Time after/before HT [MET]:	4:16
Coordinates [UTM-ED50] Easting:	588667
Coordinates [UTM-ED50] Northing:	5684097
Water-Bottom Interface Siltpr. [m TAW]:	-15.36
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	3.85

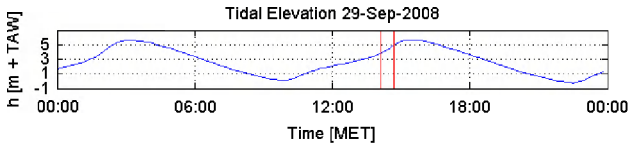
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.56	17.6	11.8	27
2.62	17.6	11.6	26
1.72	17.6	11.8	26
0.85	17.6	11.8	27
-0.11	17.6	11.7	29
-1.06	17.6	11.7	27
-2.07	17.6	11.8	25
-2.96	17.6	11.8	26
-3.82	17.6	11.8	30
-4.73	17.6	11.8	34
-5.61	17.6	11.8	35
-6.49	17.6	12.0	35
-7.40	17.6	12.0	34
-8.27	17.6	12.1	38
-9.17	17.6	12.0	47
-10.04	17.6	12.1	48
-10.90	17.6	12.3	41
-11.87	17.6	12.4	40
-12.66	17.5	12.5	43
-13.47	17.5	12.6	44
-14.24	17.4	12.6	41
-14.98	17.3	12.8	38
-15.36	17.4	12.9	37
Depth Avg	**17.6**	**12.0**	**34**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:41
Time after/before HT [MET]:	4:51
Coordinates [UTM-ED50] Easting:	588659
Coordinates [UTM-ED50] Northing:	5684116
Water-Bottom Interface Siltpr. [m TAW]:	-15.43
Waterdepth 210 kHz Echo [m TAW]:	-14.61
Waterdepth 33 kHz Echo [m TAW]:	-14.86
Surface Elevation [m TAW]:	4.95

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.67	17.1	8.3	37
3.54	17.3	12.1	38
2.73	17.4	12.0	44
1.82	17.4	11.9	47
0.81	17.5	11.9	59
-0.19	17.5	12.0	71
-1.11	17.5	12.1	82
-2.06	17.5	12.1	82
-3.09	17.5	12.1	89
-4.05	17.4	12.1	93
-4.99	17.5	12.1	154
-5.85	17.4	12.1	165
-6.73	17.4	12.1	168
-7.62	17.4	12.1	192
-8.55	17.4	12.1	230
-9.49	17.4	12.2	228
-10.47	17.4	12.1	227
-11.35	17.4	12.2	287
-12.24	17.4	12.2	232
-13.22	17.4	12.4	123
-14.16	17.3	12.5	118
-15.01	17.4	12.7	63
-15.43	17.3	12.7	60
Depth Avg	**17.4**	**12.0**	**128**



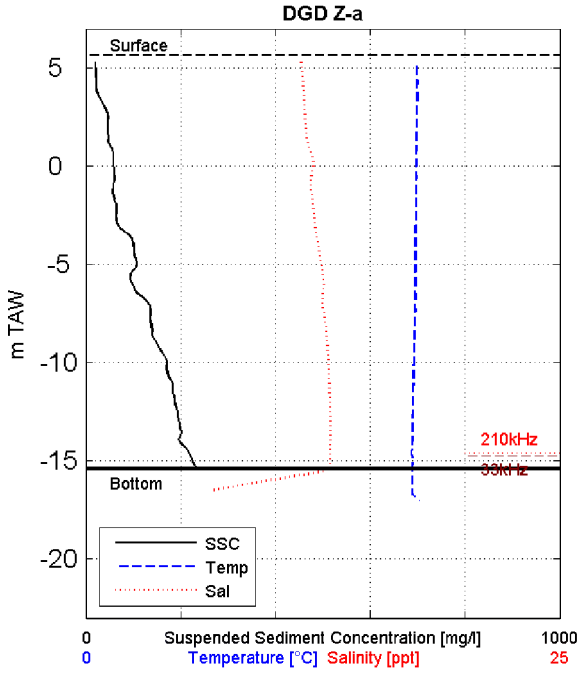
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

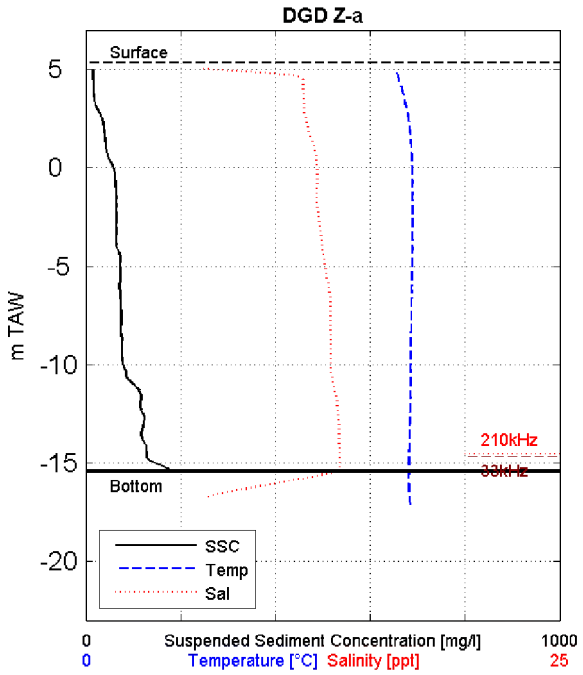
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8269 Za_ctd.sil 8284 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:34
Time after/before HT [MET]:	5:44
Coordinates [UTM-ED50] Easting:	588678
Coordinates [UTM-ED50] Northing:	5684120
Water-Bottom Interface Siltpr. [m TAW]:	-15.44
Waterdepth 210 kHz Echo [m TAW]:	-14.59
Waterdepth 33 kHz Echo [m TAW]:	-14.75
Surface Elevation [m TAW]:	5.65

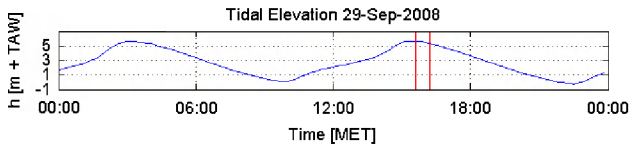
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.35	17.4	11.3	21
4.47	17.5	11.4	21
3.60	17.4	11.5	27
2.80	17.4	11.5	44
1.86	17.4	11.6	48
0.95	17.4	11.8	55
-0.11	17.4	11.9	60
-1.04	17.4	11.9	58
-2.04	17.4	12.0	65
-2.98	17.4	12.1	66
-4.06	17.4	12.2	100
-5.02	17.4	12.4	107
-6.03	17.4	12.5	100
-6.99	17.3	12.5	133
-7.95	17.3	12.6	137
-8.98	17.3	12.7	150
-9.98	17.3	12.8	171
-11.01	17.3	12.8	183
-12.03	17.3	12.9	188
-13.05	17.2	12.9	197
-13.99	17.2	12.9	194
-14.95	17.2	12.9	224
-15.44	17.2	12.9	230
Depth Avg	**17.4**	**12.3**	**109**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:12
Time after/before HT [MET]:	6:22
Coordinates [UTM-ED50] Easting:	588686
Coordinates [UTM-ED50] Northing:	5684108
Water-Bottom Interface Siltpr. [m TAW]:	-15.44
Waterdepth 210 kHz Echo [m TAW]:	-14.53
Waterdepth 33 kHz Echo [m TAW]:	-14.69
Surface Elevation [m TAW]:	5.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.06	16.3	5.8	15
4.24	16.6	11.4	16
3.26	16.8	11.5	21
2.50	17.0	11.6	36
1.64	17.1	11.8	39
0.78	17.2	12.1	45
-0.15	17.2	12.2	60
-1.09	17.2	12.2	62
-2.03	17.2	12.2	63
-3.00	17.2	12.3	65
-3.94	17.2	12.4	64
-4.95	17.2	12.6	72
-5.98	17.2	12.8	70
-7.02	17.2	12.9	74
-8.04	17.1	12.9	75
-9.05	17.1	12.9	76
-10.11	17.1	12.9	79
-11.11	17.1	13.1	105
-12.13	17.1	13.3	115
-13.11	17.1	13.3	121
-14.09	17.1	13.4	128
-15.05	17.1	13.4	150
-15.44	17.0	13.3	186
Depth Avg	**17.1**	**12.4**	**72**



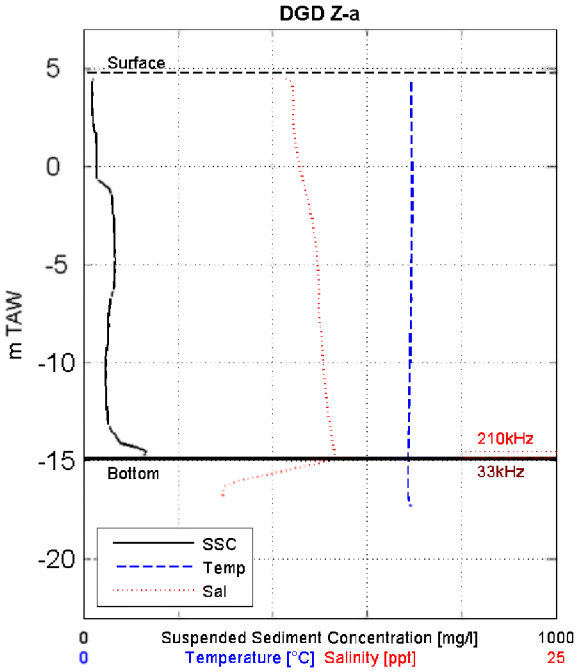
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

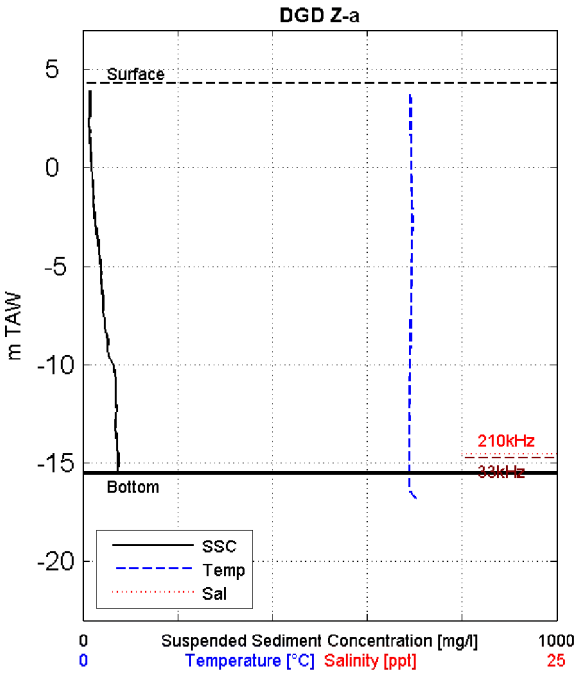
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8299 Za_ctd.sil 8314 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:49
Time after/before HT [MET]:	6:59
Coordinates [UTM-ED50] Easting:	588679
Coordinates [UTM-ED50] Northing:	5684104
Water-Bottom Interface Siltpr. [m TAW]:	-14.92
Waterdepth 210 kHz Echo [m TAW]:	-14.53
Waterdepth 33 kHz Echo [m TAW]:	-14.81
Surface Elevation [m TAW]:	4.79

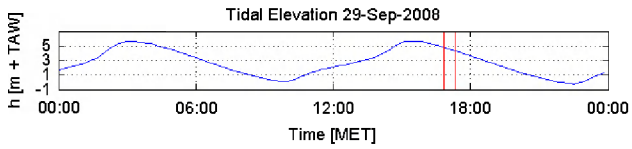
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.50	17.3	10.6	22
3.56	17.3	11.1	17
2.63	17.3	11.1	18
1.65	17.3	11.2	26
0.73	17.4	11.3	28
-0.17	17.4	11.4	27
-1.13	17.4	11.7	53
-1.99	17.4	11.9	60
-2.87	17.4	12.1	64
-3.81	17.3	12.3	65
-4.72	17.3	12.3	67
-5.58	17.3	12.4	65
-6.39	17.3	12.4	62
-7.23	17.3	12.4	54
-8.16	17.3	12.5	52
-9.17	17.3	12.6	49
-10.07	17.3	12.7	47
-11.01	17.3	12.8	46
-12.00	17.2	12.9	48
-12.88	17.2	13.0	50
-13.84	17.2	13.1	70
-14.74	17.2	13.3	129
-14.92	17.1	13.2	146
Depth Avg	**17.3**	**12.1**	**49**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:20
Time after/before HT [MET]:	7:30
Coordinates [UTM-ED50] Easting:	588670
Coordinates [UTM-ED50] Northing:	5684114
Water-Bottom Interface Siltpr. [m TAW]:	-15.52
Waterdepth 210 kHz Echo [m TAW]:	-14.54
Waterdepth 33 kHz Echo [m TAW]:	-14.72
Surface Elevation [m TAW]:	4.28

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.96	17.3	NaN	14
3.03	17.2	NaN	15
2.05	17.3	NaN	14
1.12	17.3	NaN	14
0.20	17.3	NaN	17
-0.70	17.3	NaN	21
-1.61	17.4	NaN	21
-2.52	17.4	NaN	24
-3.60	17.3	NaN	31
-4.44	17.4	NaN	35
-5.32	17.3	NaN	39
-6.31	17.3	NaN	40
-7.20	17.3	NaN	41
-8.15	17.3	NaN	45
-9.11	17.3	NaN	52
-9.94	17.3	NaN	62
-10.86	17.2	NaN	69
-11.79	17.2	NaN	72
-12.63	17.2	NaN	69
-13.49	17.2	NaN	70
-14.34	17.2	NaN	73
-15.21	17.2	NaN	73
-15.52	17.2	NaN	1690
Depth Avg	**17.3**	**NaN**	**43**



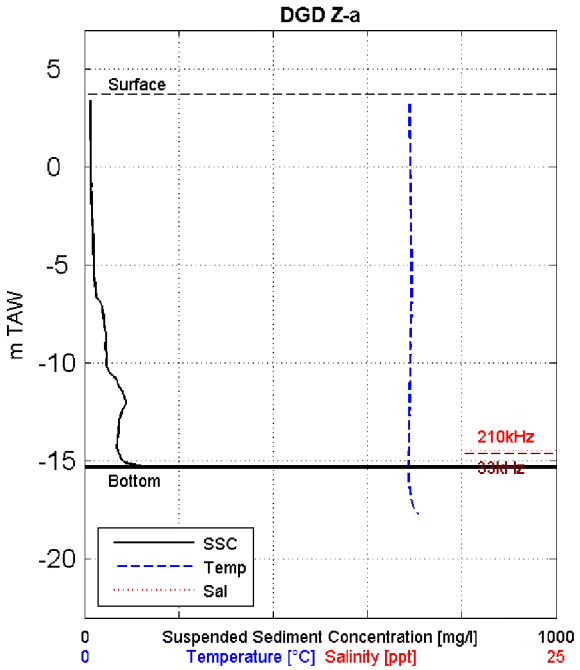
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

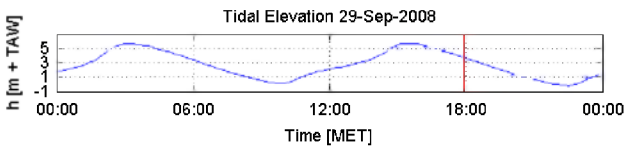
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8329 Za_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:54
Time after/before HT [MET]:	8:04
Coordinates [UTM-ED50] Easting:	588662
Coordinates [UTM-ED50] Northing:	5684123
Water-Bottom Interface Siltpr. [m TAW]:	-15.31
Waterdepth 210 kHz Echo [m TAW]:	-14.47
Waterdepth 33 kHz Echo [m TAW]:	-14.62
Surface Elevation [m TAW]:	3.72

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.44	17.2	NaN	13
2.58	17.3	NaN	13
1.82	17.3	NaN	12
0.83	17.3	NaN	13
-0.03	17.3	NaN	14
-0.96	17.3	NaN	13
-1.84	17.3	NaN	16
-2.77	17.3	NaN	17
-3.71	17.3	NaN	18
-4.55	17.3	NaN	21
-5.38	17.3	NaN	19
-6.21	17.3	NaN	26
-7.13	17.3	NaN	38
-8.03	17.3	NaN	41
-8.94	17.3	NaN	45
-9.81	17.3	NaN	45
-10.69	17.3	NaN	63
-11.63	17.2	NaN	82
-12.53	17.2	NaN	79
-13.37	17.2	NaN	73
-14.21	17.2	NaN	69
-14.99	17.2	NaN	80
-15.31	17.2	NaN	91
Depth Avg	**17.3**	**NaN**	**36**



Data Processed by: IMDC

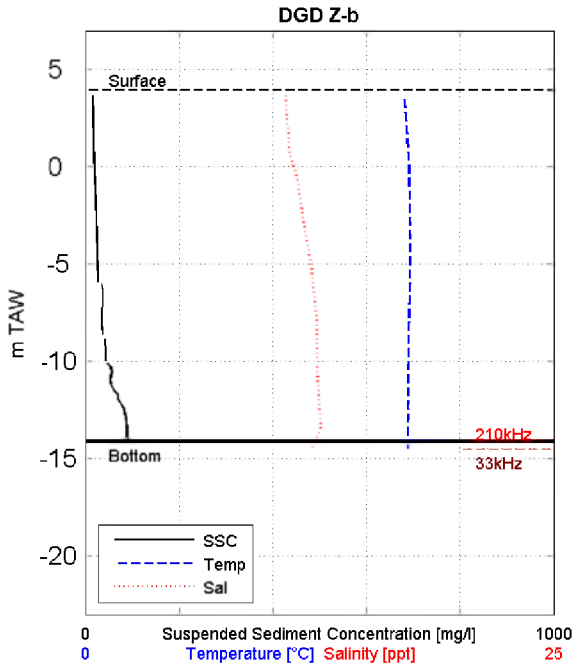
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.12 Location Zb

Through tide measurements Siltprofiler DGD Summer 2008

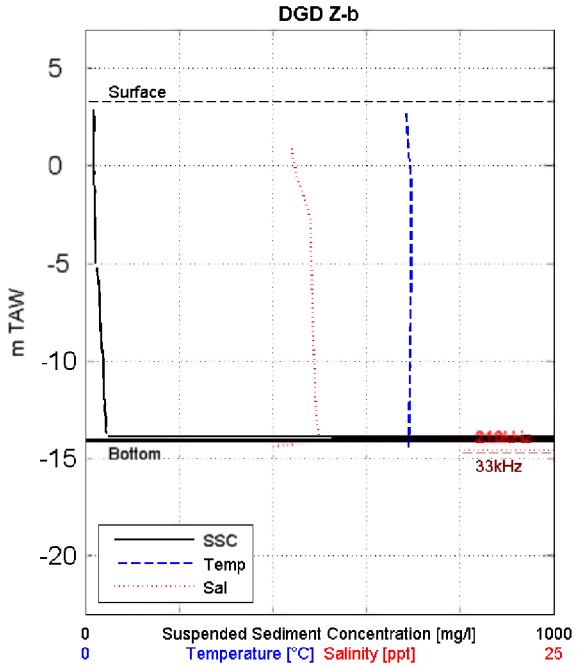
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8017 Zb_ctd.sil 8032 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:26
Time after/before HT [MET]:	2:16
Coordinates [UTM-ED50] Easting:	588727
Coordinates [UTM-ED50] Northing:	5684185
Water-Bottom Interface Siltpr. [m TAW]:	-14.14
Waterdepth 210 kHz Echo [m TAW]:	-14.46
Waterdepth 33 kHz Echo [m TAW]:	-14.52
Surface Elevation [m TAW]:	3.93

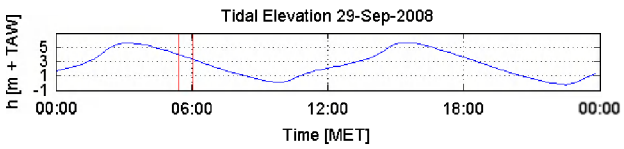
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.65	17.0	10.7	15
2.72	17.1	10.7	17
1.84	17.2	10.8	17
1.00	17.3	10.9	18
0.23	17.3	11.1	19
-0.63	17.3	11.3	21
-1.49	17.3	11.4	23
-2.44	17.3	11.6	23
-3.28	17.3	11.7	24
-4.09	17.3	11.9	26
-4.97	17.3	12.0	26
-5.91	17.3	12.1	28
-6.77	17.3	12.2	39
-7.60	17.3	12.3	34
-8.41	17.3	12.4	37
-9.16	17.2	12.4	41
-10.09	17.2	12.4	45
-10.94	17.2	12.4	53
-11.76	17.3	12.4	72
-12.57	17.2	12.5	85
-13.33	17.2	12.5	89
-14.14	17.2	12.2	96
Depth Avg	**17.2**	**11.8**	**36**



Siltprofiler

Date & Time [MET]:	29/9/2008 06:04
Time after/before HT [MET]:	2:54
Coordinates [UTM-ED50] Easting:	588724
Coordinates [UTM-ED50] Northing:	5684193
Water-Bottom Interface Siltpr. [m TAW]:	-14.08
Waterdepth 210 kHz Echo [m TAW]:	-14.58
Waterdepth 33 kHz Echo [m TAW]:	-14.70
Surface Elevation [m TAW]:	3.29

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.95	17.1	NaN	16
2.16	17.2	NaN	17
1.32	17.2	NaN	16
0.49	17.2	11.1	16
-0.30	17.3	11.2	18
-1.11	17.4	11.5	19
-1.94	17.4	11.8	20
-2.78	17.4	12.0	21
-3.54	17.4	12.0	21
-4.28	17.4	12.0	22
-5.04	17.4	12.1	22
-5.81	17.4	12.1	28
-6.64	17.4	12.1	29
-7.48	17.4	12.1	31
-8.33	17.4	12.1	34
-9.15	17.3	12.2	33
-9.98	17.3	12.2	39
-10.77	17.3	12.3	36
-11.50	17.3	12.3	40
-12.26	17.3	12.3	40
-13.05	17.3	12.3	43
-13.79	17.3	12.5	45
-14.08	17.3	12.5	132
Depth Avg	**17.3**	**11.9**	**51**



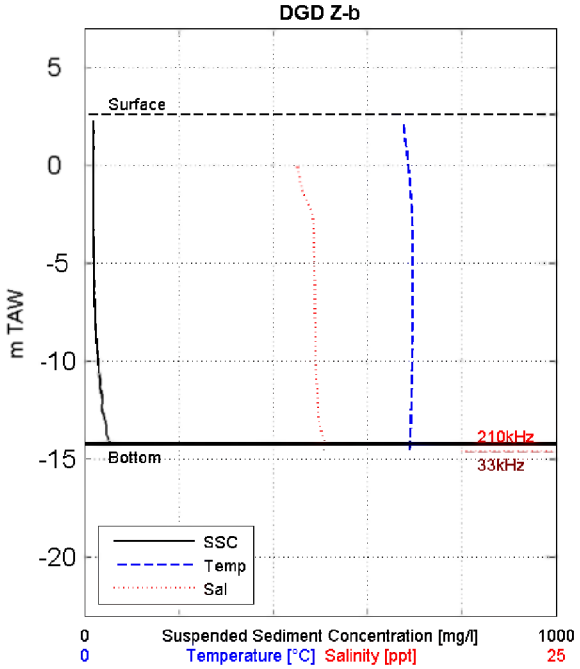
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

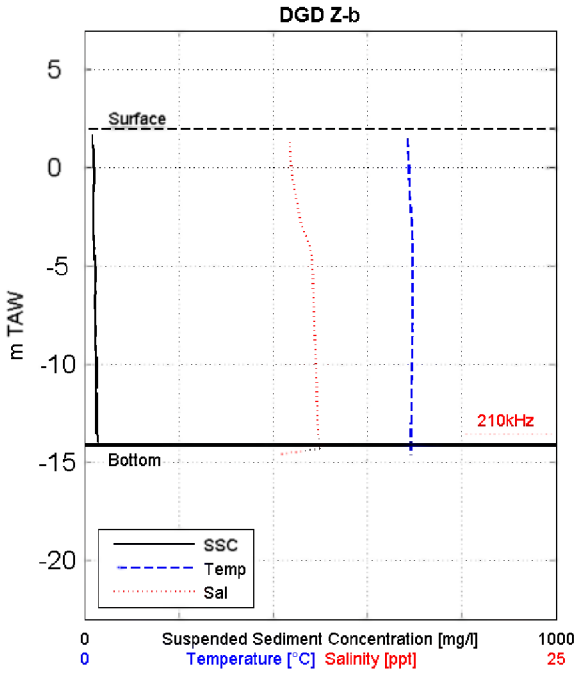
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8048 Zb_ctd.sil 8063 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:40
Time after/before HT [MET]:	3:30
Coordinates [UTM-ED50] Easting:	588718
Coordinates [UTM-ED50] Northing:	5684183
Water-Bottom Interface Siltpr. [m TAW]:	-14.22
Waterdepth 210 kHz Echo [m TAW]:	-14.54
Waterdepth 33 kHz Echo [m TAW]:	-14.59
Surface Elevation [m TAW]:	2.62

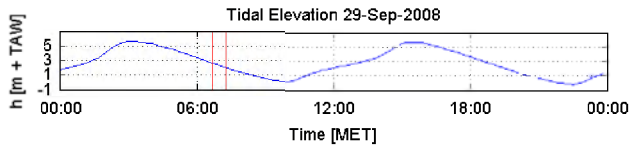
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.33	16.8	NaN	17
1.59	16.9	NaN	18
0.85	17.0	NaN	19
0.09	17.1	NaN	17
-0.65	17.2	11.4	18
-1.41	17.3	11.6	17
-2.29	17.4	12.0	18
-3.20	17.4	12.1	17
-3.99	17.4	12.1	19
-4.78	17.4	12.1	20
-5.59	17.4	12.2	20
-6.42	17.4	12.2	20
-7.16	17.4	12.2	22
-7.92	17.4	12.2	22
-8.68	17.4	12.2	23
-9.45	17.4	12.2	26
-10.21	17.3	12.2	30
-11.00	17.3	12.3	32
-11.85	17.3	12.3	37
-12.61	17.3	12.4	37
-13.38	17.3	12.5	47
-14.16	17.3	12.8	53
-14.22	17.2	12.8	54
Depth Avg	**17.3**	**12.0**	**24**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:15
Time after/before HT [MET]:	4:05
Coordinates [UTM-ED50] Easting:	588714
Coordinates [UTM-ED50] Northing:	5684189
Water-Bottom Interface Siltpr. [m TAW]:	-14.16
Waterdepth 210 kHz Echo [m TAW]:	-13.57
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.99

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.71	17.1	NaN	16
1.00	17.1	10.9	18
0.28	17.1	10.9	19
-0.52	17.2	11.0	21
-1.31	17.2	11.2	18
-2.02	17.3	11.3	17
-2.91	17.3	11.5	18
-3.65	17.4	11.8	17
-4.41	17.4	12.0	19
-5.24	17.4	12.1	22
-6.05	17.4	12.1	23
-6.86	17.4	12.1	21
-7.58	17.4	12.1	20
-8.32	17.4	12.2	23
-9.00	17.3	12.2	22
-9.66	17.3	12.2	23
-10.36	17.3	12.3	24
-11.06	17.4	12.3	23
-11.73	17.3	12.3	25
-12.40	17.3	12.3	25
-13.08	17.3	12.3	26
-13.80	17.3	12.4	27
-14.16	17.3	12.4	1718
Depth Avg	**17.3**	**11.8**	**23**



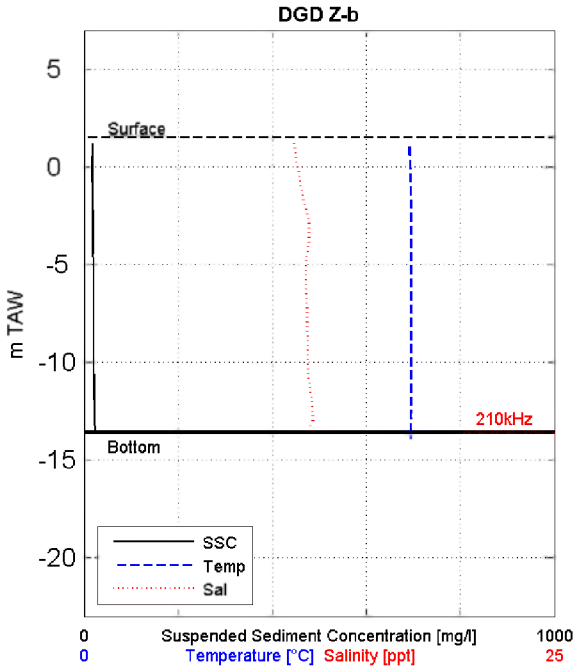
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

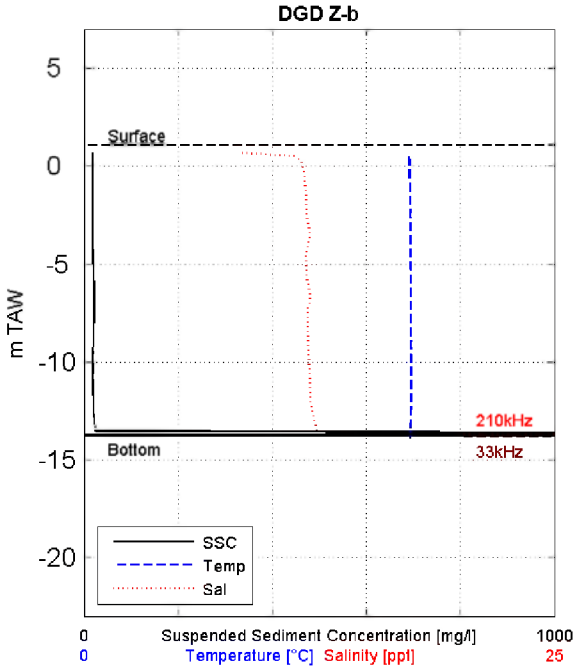
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8078 Zb_ctd.sil 8093 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:44
Time after/before HT [MET]:	4:34
Coordinates [UTM-ED50] Easting:	588721
Coordinates [UTM-ED50] Northing:	5684201
Water-Bottom Interface Siltpr. [m TAW]:	-13.61
Waterdepth 210 kHz Echo [m TAW]:	-13.60
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.49

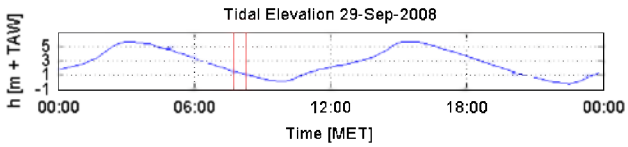
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.21	17.3	11.2	17
0.54	17.3	11.2	17
-0.17	17.3	11.4	19
-0.80	17.3	11.5	18
-1.50	17.4	11.6	17
-2.21	17.4	11.8	18
-2.87	17.4	11.9	18
-3.58	17.4	11.9	18
-4.30	17.4	11.9	19
-4.99	17.4	11.8	19
-5.70	17.4	11.8	19
-6.41	17.4	11.8	19
-7.15	17.4	11.8	20
-7.73	17.4	11.9	20
-8.45	17.4	11.9	19
-9.11	17.4	11.9	19
-9.82	17.4	11.9	19
-10.49	17.4	11.9	20
-11.20	17.4	12.0	21
-11.91	17.4	12.1	22
-12.63	17.4	12.1	21
-13.29	17.4	11.9	24
-13.61	17.3	11.6	24
Depth Avg	**17.4**	**11.8**	**19**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:15
Time after/before HT [MET]:	5:05
Coordinates [UTM-ED50] Easting:	588724
Coordinates [UTM-ED50] Northing:	5684191
Water-Bottom Interface Siltpr. [m TAW]:	-13.78
Waterdepth 210 kHz Echo [m TAW]:	-13.67
Waterdepth 33 kHz Echo [m TAW]:	-13.85
Surface Elevation [m TAW]:	1.06

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.77	17.3	6.7	18
0.03	17.3	11.6	17
-0.74	17.3	11.7	16
-1.55	17.3	11.8	17
-2.41	17.3	11.8	17
-3.21	17.3	11.9	18
-4.02	17.3	11.9	18
-4.84	17.4	11.8	19
-5.63	17.3	11.8	18
-5.99	17.3	11.9	21
-6.04	17.3	11.9	21
-6.31	17.4	11.9	22
-6.78	17.4	12.0	22
-7.51	17.4	11.8	21
-8.33	17.4	11.9	19
-9.07	17.4	11.9	19
-9.88	17.4	11.9	18
-10.66	17.4	12.0	17
-11.45	17.4	12.0	19
-12.19	17.4	12.0	19
-12.99	17.3	12.2	23
-13.76	17.3	12.5	86
-13.78	17.3	12.5	253
Depth Avg	**17.3**	**11.8**	**34**



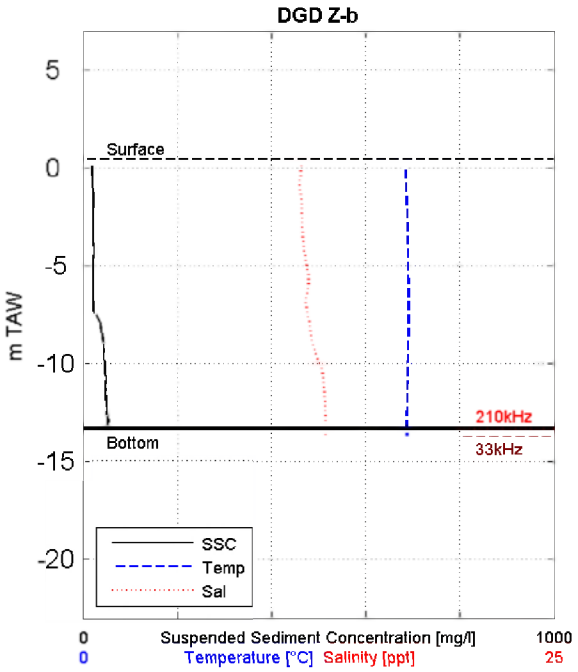
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

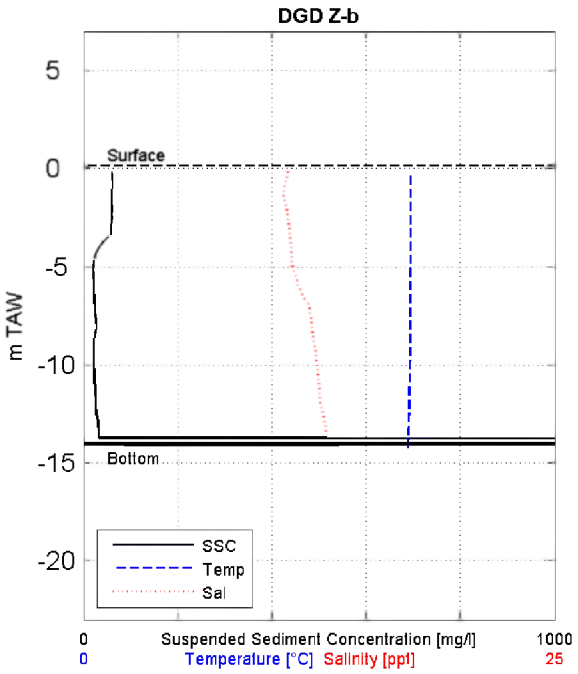
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8113 Zb_ctd.sil 8128 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:04
Time after/before HT [MET]:	5:54
Coordinates [UTM-ED50] Easting:	588733
Coordinates [UTM-ED50] Northing:	5684185
Water-Bottom Interface Siltpr. [m TAW]:	-13.33
Waterdepth 210 kHz Echo [m TAW]:	-13.37
Waterdepth 33 kHz Echo [m TAW]:	-13.68
Surface Elevation [m TAW]:	0.46

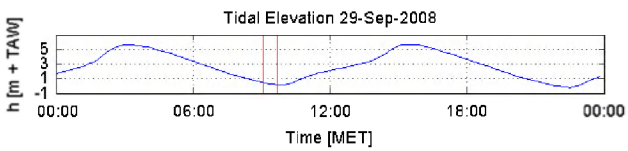
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.16	17.1	11.6	18
-0.43	17.1	11.5	19
-1.14	17.2	11.5	21
-1.85	17.2	11.6	22
-2.52	17.2	11.6	22
-3.18	17.2	11.6	21
-3.84	17.3	11.7	22
-4.51	17.3	11.8	23
-5.10	17.3	11.9	21
-5.69	17.3	12.0	21
-6.23	17.3	11.9	23
-6.84	17.3	11.8	23
-7.46	17.3	11.9	26
-8.09	17.3	12.0	35
-8.68	17.3	12.1	40
-9.32	17.2	12.3	45
-9.93	17.3	12.5	47
-10.63	17.2	12.7	49
-11.31	17.2	12.8	49
-11.90	17.2	12.8	49
-12.49	17.2	12.8	49
-13.08	17.2	12.8	52
-13.33	17.2	12.8	319
Depth Avg	**17.2**	**12.0**	**32**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:40
Time after/before HT [MET]:	6:30
Coordinates [UTM-ED50] Easting:	588708
Coordinates [UTM-ED50] Northing:	5684191
Water-Bottom Interface Siltpr. [m TAW]:	-14.05
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.12	17.3	10.8	59
-0.79	17.4	10.7	61
-1.47	17.3	10.7	59
-2.14	17.3	10.8	61
-2.83	17.4	10.9	58
-3.46	17.4	11.0	53
-4.10	17.3	11.0	30
-4.74	17.3	11.1	21
-5.40	17.3	11.2	21
-6.05	17.4	11.4	19
-6.71	17.3	11.8	24
-7.37	17.4	12.0	24
-8.04	17.4	12.1	26
-8.65	17.4	12.2	22
-9.31	17.3	12.3	20
-9.98	17.3	12.4	22
-10.62	17.3	12.5	24
-11.23	17.3	12.5	24
-11.90	17.3	12.6	27
-12.55	17.3	12.7	28
-13.14	17.3	12.8	31
-13.74	17.2	13.0	33
-14.05	17.2	13.0	2468
Depth Avg	**17.3**	**11.7**	**90**



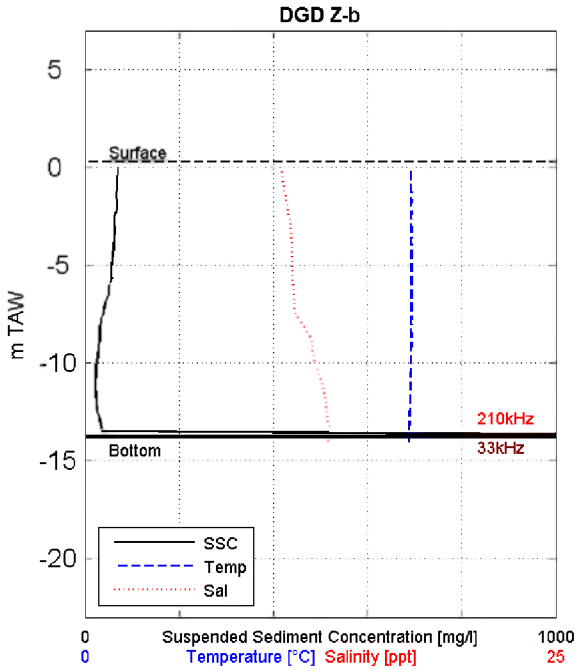
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

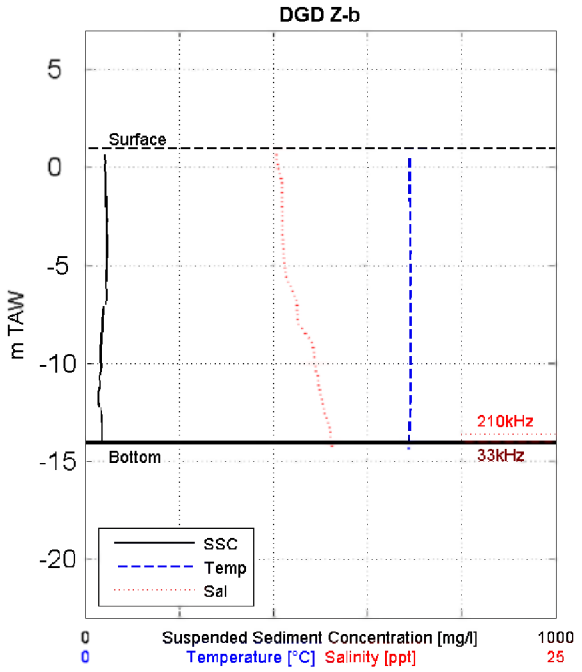
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8143 Zb_ctd.sil 8158 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:13
Time after/before HT [MET]:	0:23
Coordinates [UTM-ED50] Easting:	588723
Coordinates [UTM-ED50] Northing:	5684186
Water-Bottom Interface Siltpr. [m TAW]:	-13.78
Waterdepth 210 kHz Echo [m TAW]:	-13.56
Waterdepth 33 kHz Echo [m TAW]:	-13.63
Surface Elevation [m TAW]:	0.29

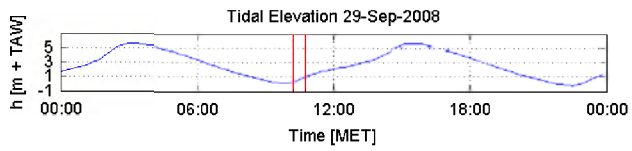
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.01	17.3	10.4	69
-0.71	17.3	10.5	66
-1.41	17.3	10.6	64
-2.10	17.3	10.8	69
-2.79	17.3	10.9	63
-3.45	17.3	10.9	60
-4.12	17.3	11.0	60
-4.80	17.3	11.0	58
-5.45	17.3	11.0	55
-6.16	17.3	11.0	50
-6.90	17.3	11.1	45
-7.54	17.3	11.2	37
-8.20	17.3	11.7	30
-8.79	17.4	12.0	30
-9.45	17.3	12.1	27
-10.09	17.3	12.3	23
-10.78	17.3	12.5	22
-11.40	17.3	12.7	22
-11.91	17.2	12.8	22
-12.47	17.2	12.8	26
-13.04	17.2	12.9	32
-13.66	17.2	13.1	36
-13.78	17.2	13.1	3759
Depth Avg	**17.3**	**11.5**	**57**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:45
Time after/before HT [MET]:	0:55
Coordinates [UTM-ED50] Easting:	588719
Coordinates [UTM-ED50] Northing:	5684184
Water-Bottom Interface Siltpr. [m TAW]:	-14.05
Waterdepth 210 kHz Echo [m TAW]:	-13.62
Waterdepth 33 kHz Echo [m TAW]:	-13.98
Surface Elevation [m TAW]:	0.96

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.67	17.2	10.2	41
-0.08	17.2	10.3	44
-0.83	17.2	10.4	42
-1.57	17.2	10.4	45
-2.23	17.3	10.5	45
-2.95	17.3	10.5	46
-3.71	17.3	10.5	48
-4.45	17.3	10.5	47
-5.14	17.3	10.6	46
-5.87	17.3	10.8	44
-6.49	17.3	11.1	44
-7.12	17.3	11.3	41
-7.81	17.3	11.3	38
-8.48	17.3	11.7	35
-9.19	17.3	12.1	32
-9.81	17.3	12.2	32
-10.52	17.3	12.3	32
-11.21	17.3	12.4	29
-11.90	17.3	12.6	27
-12.56	17.2	12.7	34
-13.20	17.3	12.9	35
-13.86	17.2	13.0	37
-14.05	17.2	13.1	5699
Depth Avg	**17.3**	**11.3**	**47**



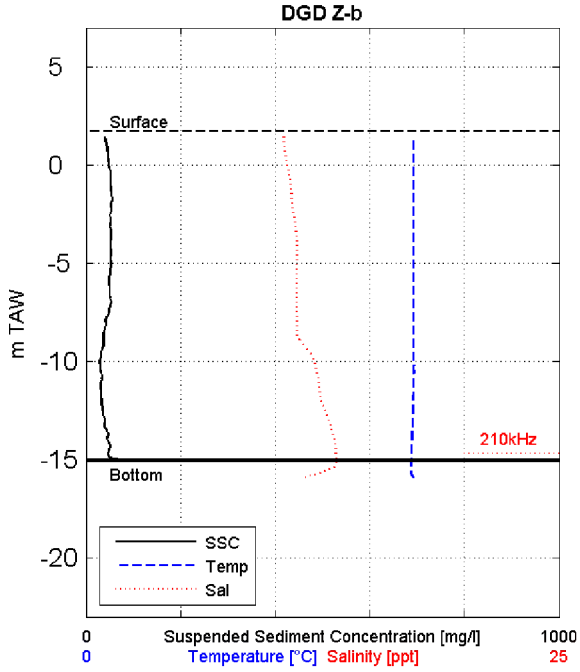
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

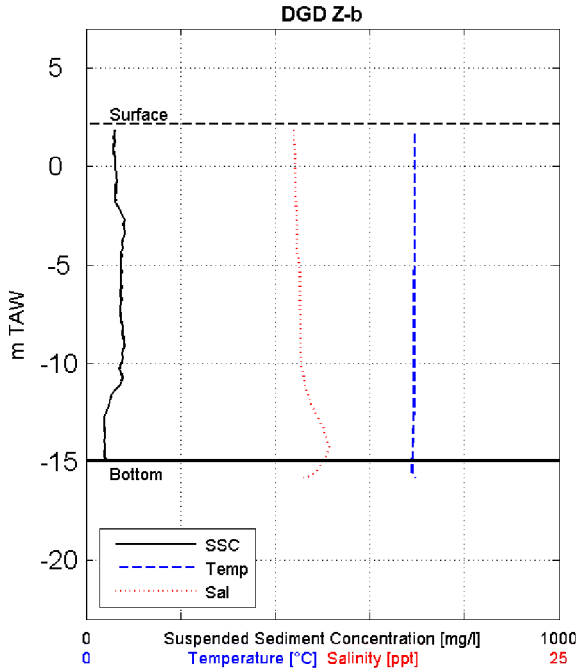
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8173 Zb_ctd.sil 8188 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:27
Time after/before HT [MET]:	1:37
Coordinates [UTM-ED50] Easting:	588695
Coordinates [UTM-ED50] Northing:	5684168
Water-Bottom Interface Siltpr. [m TAW]:	-15.05
Waterdepth 210 kHz Echo [m TAW]:	-14.65
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.73

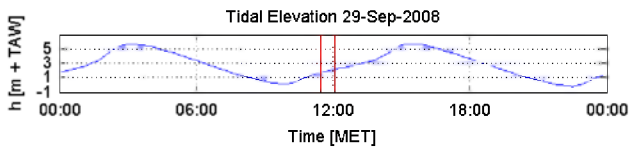
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.44	17.3	10.4	40
0.65	17.3	10.5	46
-0.12	17.3	10.7	48
-0.85	17.3	10.8	52
-1.64	17.3	10.8	54
-2.47	17.3	11.0	48
-3.29	17.3	11.1	52
-4.15	17.3	11.2	51
-4.96	17.3	11.1	51
-5.76	17.3	11.1	48
-6.53	17.3	11.1	48
-7.22	17.3	11.1	49
-7.96	17.3	11.1	41
-8.69	17.3	11.1	37
-9.38	17.3	11.7	34
-10.11	17.3	12.1	30
-10.90	17.3	12.3	34
-11.74	17.3	12.4	31
-12.52	17.3	12.6	35
-13.36	17.2	12.9	39
-14.14	17.3	13.2	51
-14.93	17.2	13.2	49
-15.05	17.2	13.2	5254
Depth Avg	**17.3**	**11.5**	**55**



Siltprofiler

Date & Time [MET]:	29/9/2008 12:06
Time after/before HT [MET]:	2:16
Coordinates [UTM-ED50] Easting:	588705
Coordinates [UTM-ED50] Northing:	5684195
Water-Bottom Interface Siltpr. [m TAW]:	-14.94
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.16

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.86	17.4	11.0	60
0.91	17.4	11.0	57
0.07	17.4	11.1	62
-0.69	17.4	11.1	65
-1.52	17.3	11.1	60
-2.31	17.3	11.1	72
-3.10	17.4	11.1	78
-3.79	17.4	11.1	74
-4.55	17.3	11.2	75
-5.46	17.3	11.3	73
-6.32	17.4	11.3	72
-7.28	17.3	11.3	72
-8.06	17.4	11.3	79
-8.82	17.3	11.3	79
-9.57	17.4	11.3	77
-10.30	17.4	11.4	70
-11.06	17.3	11.6	73
-11.77	17.3	11.8	51
-12.51	17.3	12.1	41
-13.25	17.3	12.5	39
-14.08	17.3	12.8	40
-14.94	17.2	12.5	1004
-14.94	17.2	12.5	1004
Depth Avg	**17.3**	**11.4**	**66**



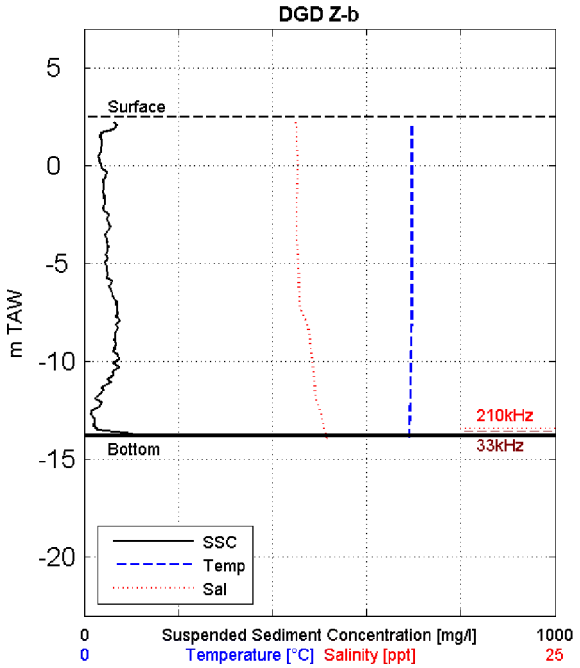
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

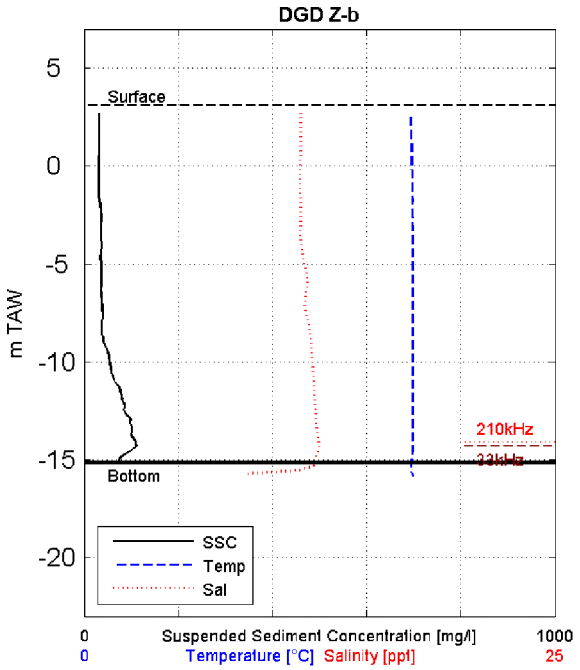
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8203 Zb_ctd.sil 8223 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:40
Time after/before HT [MET]:	2:50
Coordinates [UTM-ED50] Easting:	588736
Coordinates [UTM-ED50] Northing:	5684180
Water-Bottom Interface Siltpr. [m TAW]:	-13.79
Waterdepth 210 kHz Echo [m TAW]:	-13.41
Waterdepth 33 kHz Echo [m TAW]:	-13.56
Surface Elevation [m TAW]:	2.53

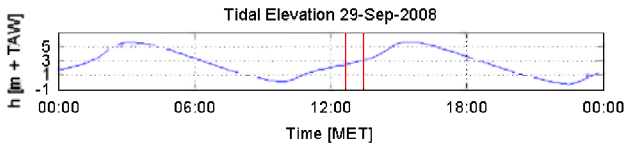
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.22	17.4	11.2	64
1.38	17.4	11.3	34
0.61	17.4	11.3	34
-0.14	17.4	11.3	37
-0.93	17.4	11.3	40
-1.67	17.4	11.3	41
-2.35	17.4	11.3	42
-3.12	17.4	11.3	56
-3.88	17.4	11.3	54
-4.72	17.4	11.4	43
-5.52	17.4	11.4	58
-6.32	17.4	11.4	49
-7.12	17.4	11.4	55
-7.88	17.4	11.7	77
-8.63	17.4	11.9	75
-9.36	17.3	12.0	53
-10.10	17.3	12.1	66
-10.83	17.3	12.2	46
-11.43	17.3	12.2	50
-12.09	17.3	12.4	38
-12.82	17.3	12.6	25
-13.57	17.3	12.8	28
-13.79	17.3	12.9	11429
Depth Avg	**17.4**	**11.7**	**59**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:26
Time after/before HT [MET]:	3:36
Coordinates [UTM-ED50] Easting:	588712
Coordinates [UTM-ED50] Northing:	5684189
Water-Bottom Interface Siltpr. [m TAW]:	-15.13
Waterdepth 210 kHz Echo [m TAW]:	-14.10
Waterdepth 33 kHz Echo [m TAW]:	-14.29
Surface Elevation [m TAW]:	3.08

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.79	17.3	11.5	31
1.98	17.3	11.5	31
1.19	17.4	11.5	31
0.43	17.4	11.5	31
-0.33	17.4	11.5	31
-1.19	17.4	11.5	33
-2.13	17.4	11.5	34
-2.92	17.4	11.5	35
-3.80	17.4	11.5	36
-4.69	17.4	11.6	34
-5.54	17.4	11.8	37
-6.48	17.4	11.8	35
-7.51	17.4	11.8	39
-8.28	17.4	11.9	36
-9.04	17.5	12.0	43
-9.75	17.4	12.1	52
-10.61	17.4	12.2	58
-11.50	17.4	12.2	76
-12.40	17.5	12.3	83
-13.29	17.4	12.3	102
-14.20	17.4	12.5	112
-14.98	17.4	12.3	71
-15.13	17.4	12.2	68
Depth Avg	**17.4**	**11.8**	**49**



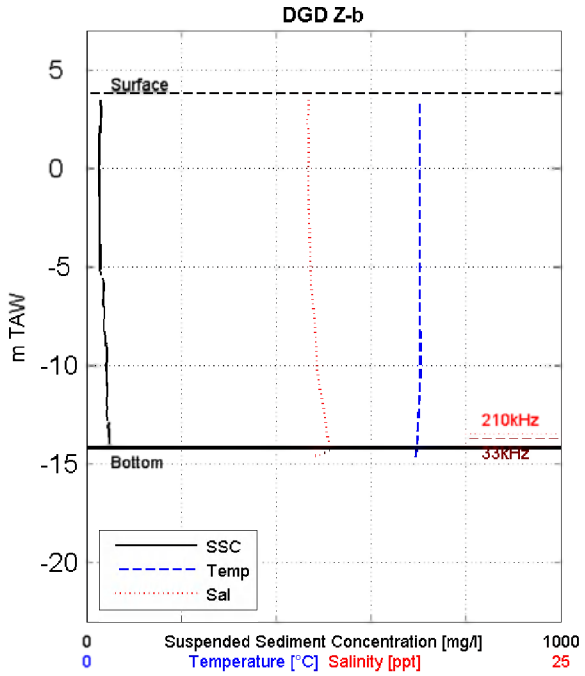
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

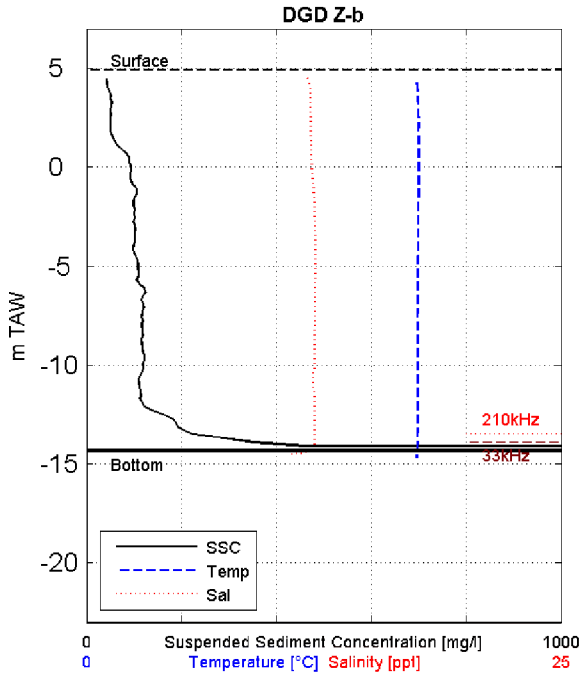
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8238 Zb_ctd.sil 8253 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 14:03
Time after/before HT [MET]:	4:13
Coordinates [UTM-ED50] Easting:	588726
Coordinates [UTM-ED50] Northing:	5684185
Water-Bottom Interface Siltpr. [m TAW]:	-14.19
Waterdepth 210 kHz Echo [m TAW]:	-13.46
Waterdepth 33 kHz Echo [m TAW]:	-13.71
Surface Elevation [m TAW]:	3.79

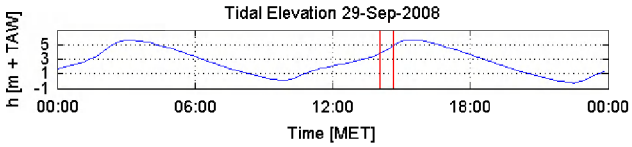
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.51	17.6	11.7	28
2.57	17.6	11.7	30
1.64	17.6	11.7	27
0.83	17.5	11.7	27
0.00	17.5	11.7	26
-0.87	17.5	11.7	27
-1.72	17.5	11.7	27
-2.46	17.5	11.7	27
-3.25	17.5	11.7	27
-4.03	17.5	11.8	28
-4.90	17.5	11.8	28
-5.81	17.6	11.8	37
-6.66	17.5	11.9	35
-7.47	17.6	12.0	37
-8.33	17.6	12.1	37
-9.10	17.5	12.1	43
-9.89	17.6	12.1	41
-10.65	17.6	12.2	41
-11.48	17.5	12.4	45
-12.31	17.5	12.5	41
-13.10	17.4	12.6	45
-13.92	17.4	12.8	48
-14.19	17.4	12.8	46
Depth Avg	**17.5**	**11.9**	**34**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:39
Time after/before HT [MET]:	4:49
Coordinates [UTM-ED50] Easting:	588732
Coordinates [UTM-ED50] Northing:	5684186
Water-Bottom Interface Siltpr. [m TAW]:	-14.34
Waterdepth 210 kHz Echo [m TAW]:	-13.47
Waterdepth 33 kHz Echo [m TAW]:	-13.90
Surface Elevation [m TAW]:	4.89

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.58	17.3	11.6	40
3.70	17.4	11.8	51
2.84	17.4	11.8	49
1.86	17.5	11.8	49
0.90	17.5	11.8	73
0.12	17.5	11.8	92
-0.87	17.5	11.9	98
-1.83	17.4	12.0	100
-2.74	17.4	12.0	98
-3.75	17.4	12.0	102
-4.68	17.4	12.1	106
-5.54	17.4	12.0	105
-6.37	17.4	12.0	127
-7.21	17.4	12.0	116
-8.10	17.4	12.0	117
-9.01	17.4	12.0	117
-9.87	17.4	12.0	118
-10.73	17.4	12.0	107
-11.56	17.4	12.0	110
-12.47	17.4	12.0	161
-13.38	17.4	12.0	206
-14.27	17.4	12.0	1057
-14.34	17.4	12.0	1439
Depth Avg	**17.4**	**11.9**	**144**



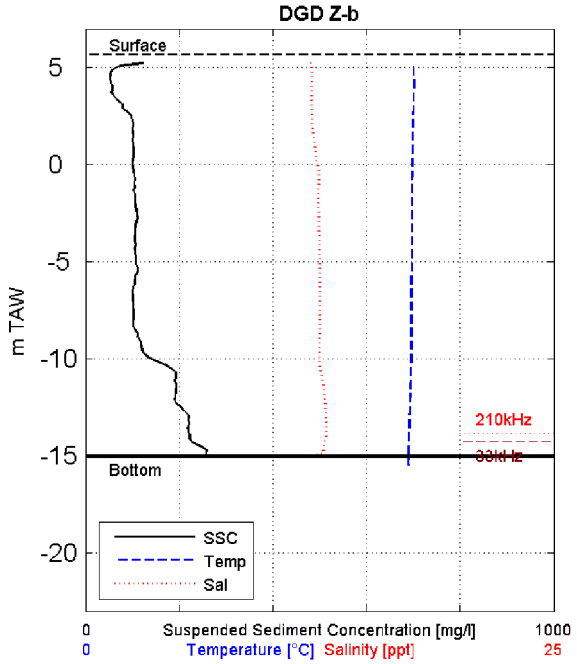
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

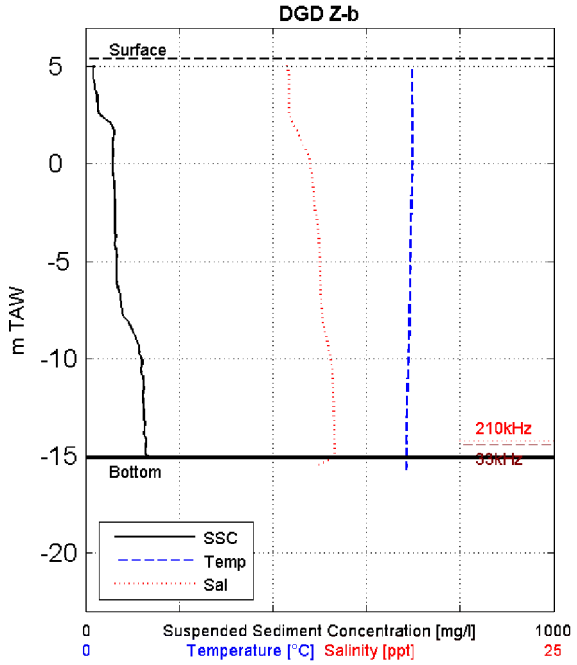
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8268 Zb_ctd.sil 8283 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:33
Time after/before HT [MET]:	5:43
Coordinates [UTM-ED50] Easting:	588713
Coordinates [UTM-ED50] Northing:	5684189
Water-Bottom Interface Siltpr. [m TAW]:	-15.02
Waterdepth 210 kHz Echo [m TAW]:	-13.84
Waterdepth 33 kHz Echo [m TAW]:	-14.28
Surface Elevation [m TAW]:	5.65

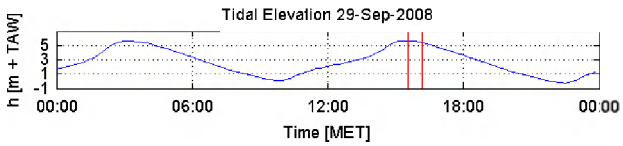
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.30	17.5	12.0	150
4.24	17.5	12.1	54
3.16	17.5	12.0	78
2.12	17.5	12.1	101
1.07	17.4	12.2	101
0.06	17.4	12.4	100
-0.94	17.4	12.4	103
-1.83	17.4	12.4	104
-2.72	17.4	12.4	110
-3.74	17.4	12.5	106
-4.68	17.4	12.5	108
-5.67	17.4	12.5	106
-6.67	17.4	12.5	100
-7.65	17.4	12.5	103
-8.68	17.4	12.5	112
-9.52	17.4	12.5	122
-10.31	17.4	12.5	171
-11.14	17.4	12.6	189
-12.01	17.3	12.8	188
-12.92	17.3	12.8	220
-13.78	17.3	12.9	220
-14.69	17.2	12.7	260
-15.02	17.2	12.6	257
Depth Avg	**17.4**	**12.4**	**125**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:10
Time after/before HT [MET]:	6:20
Coordinates [UTM-ED50] Easting:	588714
Coordinates [UTM-ED50] Northing:	5684168
Water-Bottom Interface Siltpr. [m TAW]:	-15.11
Waterdepth 210 kHz Echo [m TAW]:	-14.26
Waterdepth 33 kHz Echo [m TAW]:	-14.45
Surface Elevation [m TAW]:	5.37

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.04	17.4	10.8	16
4.13	17.4	10.9	19
3.23	17.4	10.9	25
2.29	17.4	11.0	43
1.28	17.4	11.5	58
0.25	17.4	11.9	58
-0.73	17.4	12.1	56
-1.71	17.4	12.2	62
-2.65	17.3	12.3	65
-3.61	17.3	12.4	65
-4.54	17.3	12.5	65
-5.50	17.3	12.5	65
-6.50	17.3	12.5	72
-7.42	17.3	12.6	77
-8.44	17.3	12.7	98
-9.46	17.2	13.0	113
-10.49	17.2	13.2	119
-11.37	17.2	13.2	123
-12.31	17.1	13.2	121
-13.27	17.1	13.3	128
-14.17	17.1	13.3	129
-15.04	17.1	13.3	137
-15.11	17.1	13.2	149
Depth Avg	**17.3**	**12.3**	**76**



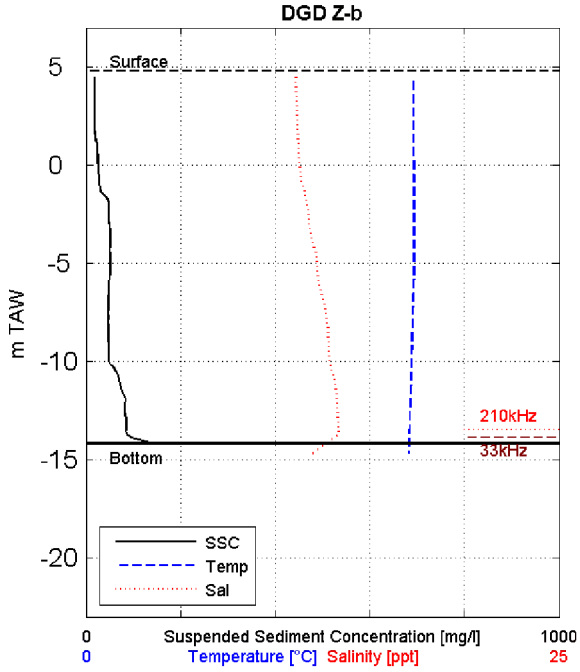
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

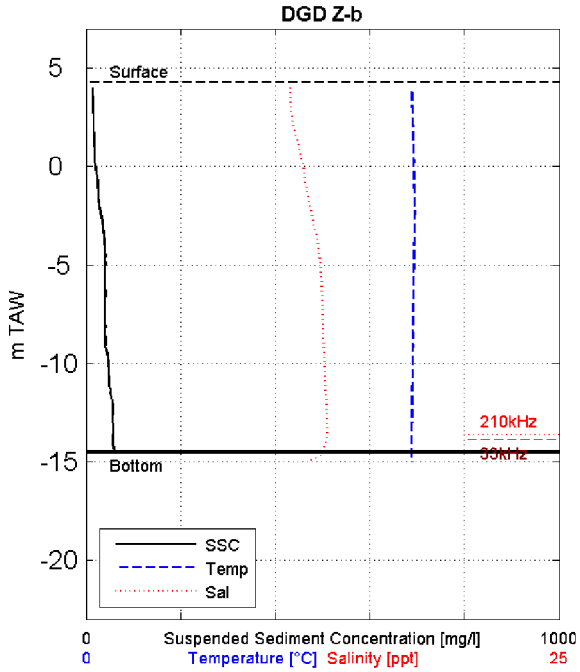
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8298 Zb_ctd.sil 8313 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:47
Time after/before HT [MET]:	6:57
Coordinates [UTM-ED50] Easting:	588730
Coordinates [UTM-ED50] Northing:	5684188
Water-Bottom Interface Siltpr. [m TAW]:	-14.20
Waterdepth 210 kHz Echo [m TAW]:	-13.46
Waterdepth 33 kHz Echo [m TAW]:	-13.84
Surface Elevation [m TAW]:	4.81

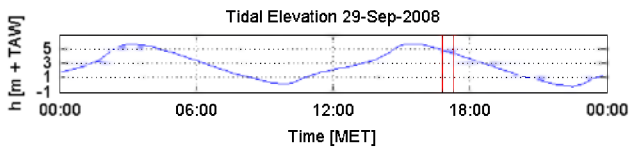
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.51	17.3	11.1	17
3.79	17.3	11.1	17
3.06	17.3	11.1	17
2.22	17.3	11.2	17
1.36	17.3	11.2	19
0.43	17.3	11.2	24
-0.61	17.3	11.4	26
-1.56	17.3	11.6	41
-2.49	17.3	11.7	47
-3.33	17.3	11.8	49
-4.24	17.3	12.1	50
-5.07	17.3	12.2	52
-5.93	17.3	12.3	47
-6.82	17.3	12.5	47
-7.76	17.3	12.7	46
-8.71	17.3	12.8	47
-9.72	17.2	12.8	47
-10.61	17.2	13.0	65
-11.57	17.1	13.2	77
-12.45	17.1	13.3	80
-13.31	17.1	13.3	86
-14.12	17.1	12.7	136
-14.20	17.1	12.6	163
Depth Avg	**17.3**	**12.1**	**46**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:18
Time after/before HT [MET]:	7:28
Coordinates [UTM-ED50] Easting:	588717
Coordinates [UTM-ED50] Northing:	5684191
Water-Bottom Interface Siltpr. [m TAW]:	-14.52
Waterdepth 210 kHz Echo [m TAW]:	-13.62
Waterdepth 33 kHz Echo [m TAW]:	-13.86
Surface Elevation [m TAW]:	4.31

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.01	17.2	10.8	13
3.18	17.3	10.8	15
2.36	17.3	10.9	16
1.51	17.3	11.1	16
0.69	17.3	11.3	17
-0.22	17.3	11.5	22
-1.12	17.3	11.6	26
-2.01	17.4	11.8	26
-2.91	17.4	12.0	36
-3.71	17.3	12.2	39
-4.57	17.3	12.3	41
-5.45	17.3	12.4	39
-6.34	17.3	12.4	40
-7.17	17.3	12.5	39
-8.06	17.3	12.5	40
-8.91	17.3	12.5	40
-9.80	17.3	12.6	46
-10.66	17.3	12.6	49
-11.57	17.2	12.7	51
-12.47	17.2	12.7	55
-13.29	17.2	12.7	57
-14.13	17.2	12.6	56
-14.52	17.2	12.5	63
Depth Avg	**17.3**	**12.0**	**36**



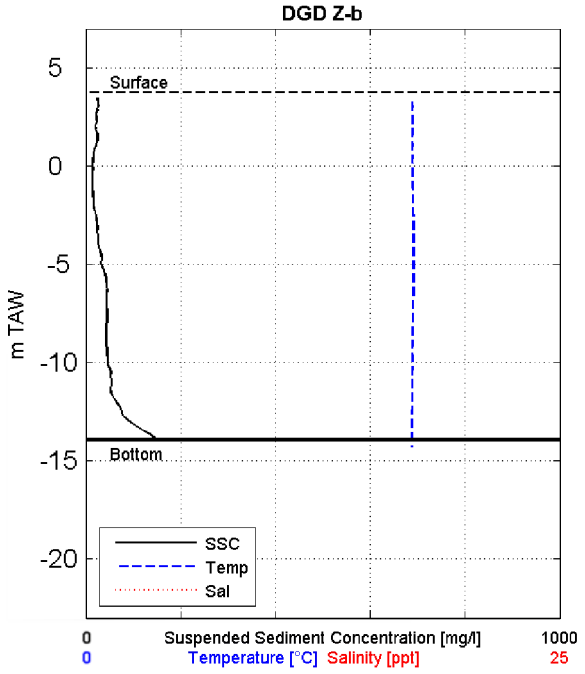
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

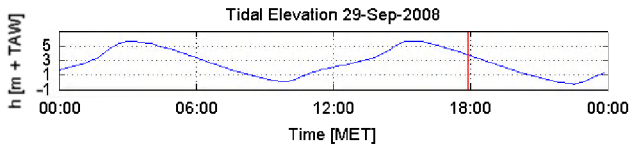
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8328 Zb_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:52
Time after/before HT [MET]:	8:02
Coordinates [UTM-ED50] Easting:	588724
Coordinates [UTM-ED50] Northing:	5684182
Water-Bottom Interface Siltpr. [m TAW]:	-13.94
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	3.76

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.48	17.2	NaN	23
2.58	17.2	NaN	22
1.76	17.2	NaN	24
0.84	17.2	NaN	18
-0.03	17.2	NaN	14
-0.84	17.2	NaN	14
-1.60	17.3	NaN	14
-2.44	17.3	NaN	22
-3.30	17.3	NaN	23
-4.16	17.3	NaN	29
-5.01	17.3	NaN	33
-5.80	17.3	NaN	42
-6.64	17.3	NaN	44
-7.42	17.3	NaN	45
-8.21	17.2	NaN	42
-9.02	17.2	NaN	43
-9.81	17.2	NaN	45
-10.60	17.2	NaN	52
-11.33	17.2	NaN	51
-12.09	17.2	NaN	66
-12.83	17.2	NaN	82
-13.57	17.2	NaN	131
-13.94	17.2	NaN	28075
Depth Avg	**17.2**	**NaN**	**57**



Data Processed by: IMDC

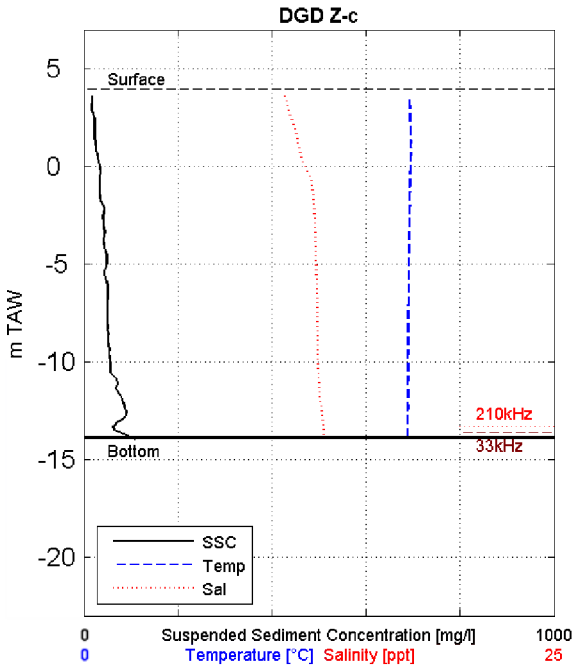
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.13 Location Zc

Through tide measurements Siltprofiler DGD Summer 2008

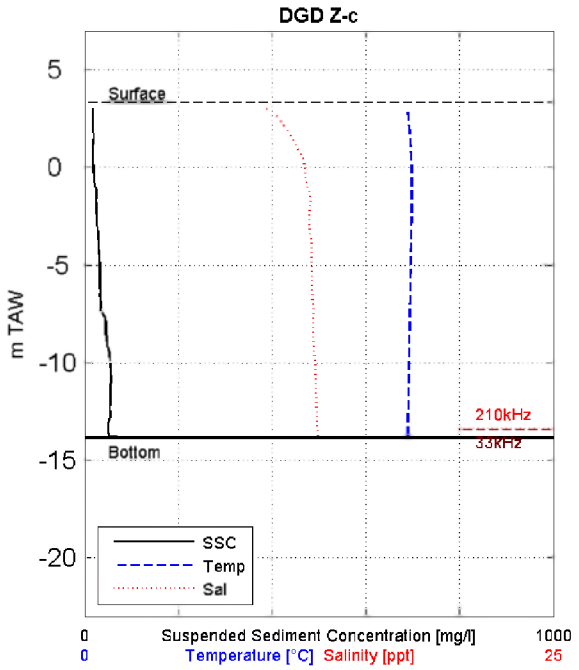
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8016 Zc_ctd.sil 8031 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:24
Time after/before HT [MET]:	2:14
Coordinates [UTM-ED50] Easting:	588773
Coordinates [UTM-ED50] Northing:	5684260
Water-Bottom Interface Siltpr. [m TAW]:	-13.88
Waterdepth 210 kHz Echo [m TAW]:	-13.32
Waterdepth 33 kHz Echo [m TAW]:	-13.59
Surface Elevation [m TAW]:	3.97

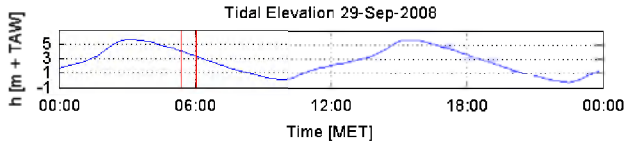
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.67	17.3	10.7	17
2.89	17.3	10.9	18
2.10	17.4	11.2	19
1.21	17.4	11.4	25
0.31	17.3	11.6	32
-0.63	17.4	12.1	31
-1.51	17.3	12.2	33
-2.47	17.3	12.2	42
-3.31	17.3	12.3	45
-4.10	17.3	12.3	43
-4.90	17.3	12.3	49
-5.69	17.3	12.4	46
-6.50	17.3	12.4	51
-7.33	17.2	12.4	50
-8.13	17.2	12.4	50
-8.99	17.2	12.4	51
-9.85	17.2	12.4	55
-10.70	17.2	12.5	61
-11.52	17.2	12.5	72
-12.28	17.2	12.6	86
-13.06	17.2	12.7	73
-13.72	17.2	12.8	90
-13.88	17.2	12.8	113
Depth Avg	**17.3**	**12.1**	**46**



Siltprofiler

Date & Time [MET]:	29/9/2008 06:01
Time after/before HT [MET]:	2:51
Coordinates [UTM-ED50] Easting:	588777
Coordinates [UTM-ED50] Northing:	5684265
Water-Bottom Interface Siltpr. [m TAW]:	-13.87
Waterdepth 210 kHz Echo [m TAW]:	-13.36
Waterdepth 33 kHz Echo [m TAW]:	-13.42
Surface Elevation [m TAW]:	3.32

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.04	17.2	9.7	18
2.25	17.3	10.5	17
1.42	17.3	11.1	18
0.67	17.4	11.5	19
-0.13	17.4	11.7	18
-0.97	17.4	11.9	23
-1.73	17.4	12.0	24
-2.52	17.4	11.9	25
-3.30	17.4	12.0	28
-4.07	17.4	12.1	28
-4.90	17.4	12.1	33
-5.81	17.4	12.1	32
-6.74	17.3	12.2	35
-7.61	17.3	12.2	42
-8.46	17.3	12.1	45
-9.32	17.3	12.2	51
-10.13	17.3	12.3	56
-10.93	17.3	12.3	58
-11.69	17.3	12.3	58
-12.47	17.3	12.3	55
-13.31	17.2	12.4	49
-13.87	17.2	12.5	371
-13.87	17.3	12.5	631
Depth Avg	**17.3**	**11.9**	**35**



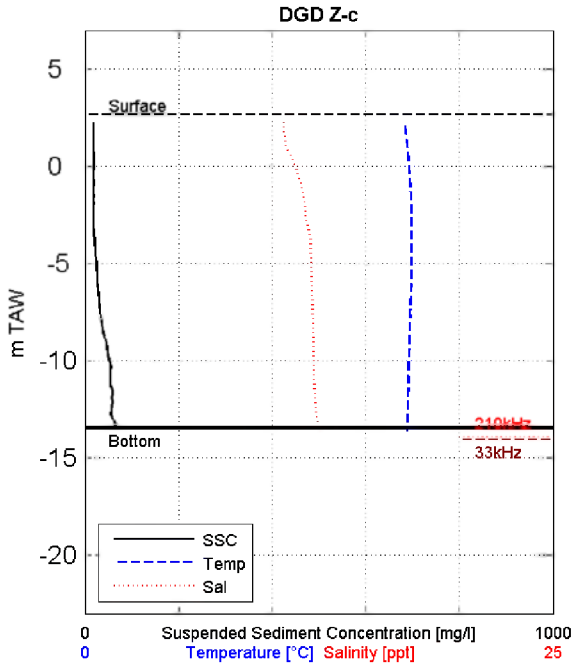
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

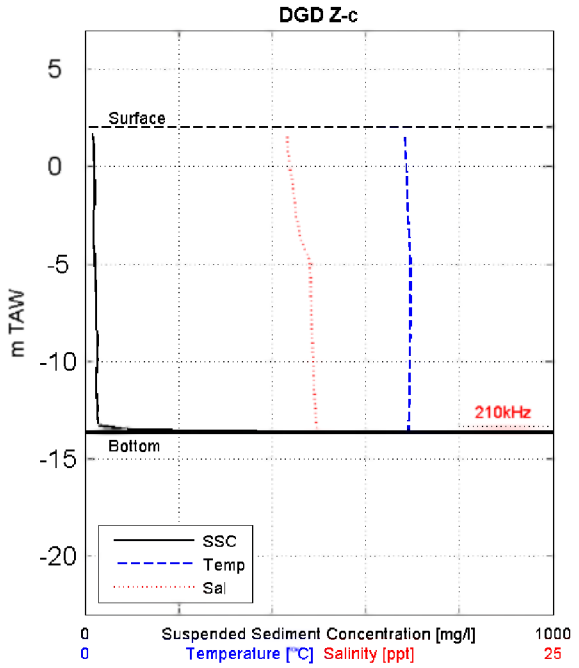
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8047 Zc_ctd.sil 8062 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:38
Time after/before HT [MET]:	3:28
Coordinates [UTM-ED50] Easting:	588763
Coordinates [UTM-ED50] Northing:	5684257
Water-Bottom Interface Siltpr. [m TAW]:	-13.45
Waterdepth 210 kHz Echo [m TAW]:	-13.90
Waterdepth 33 kHz Echo [m TAW]:	-14.02
Surface Elevation [m TAW]:	2.65

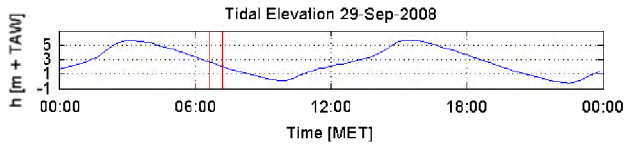
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.37	17.1	NaN	17
1.53	17.2	10.7	18
0.73	17.2	10.9	18
-0.08	17.3	11.3	19
-0.87	17.4	11.5	18
-1.59	17.4	11.7	18
-2.30	17.4	11.8	18
-3.03	17.4	11.9	17
-3.72	17.5	12.0	21
-4.51	17.4	12.1	22
-5.30	17.4	12.1	24
-6.15	17.4	12.1	28
-6.92	17.4	12.1	28
-7.66	17.4	12.1	33
-8.37	17.3	12.2	38
-9.11	17.3	12.2	46
-9.80	17.3	12.2	50
-10.55	17.3	12.2	54
-11.25	17.3	12.2	51
-12.00	17.3	12.3	58
-12.76	17.3	12.4	54
-13.41	17.3	12.5	60
-13.45	17.2	12.5	60
Depth Avg	**17.3**	**11.8**	**32**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:13
Time after/before HT [MET]:	4:03
Coordinates [UTM-ED50] Easting:	588765
Coordinates [UTM-ED50] Northing:	5684261
Water-Bottom Interface Siltpr. [m TAW]:	-13.64
Waterdepth 210 kHz Echo [m TAW]:	-13.33
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.02

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.72	17.1	NaN	14
1.11	17.1	10.8	17
0.39	17.1	10.9	19
-0.27	17.2	11.0	18
-1.06	17.2	11.1	22
-1.69	17.2	11.2	21
-2.33	17.2	11.3	17
-3.04	17.3	11.4	17
-3.73	17.3	11.5	18
-4.45	17.4	11.8	20
-5.16	17.4	12.0	22
-5.97	17.4	12.1	23
-6.71	17.4	12.1	23
-7.50	17.4	12.1	24
-8.21	17.3	12.1	22
-8.97	17.4	12.1	27
-9.78	17.3	12.2	26
-10.54	17.3	12.2	24
-11.20	17.3	12.2	23
-11.87	17.3	12.2	24
-12.58	17.3	12.3	27
-13.20	17.3	12.4	28
-13.64	17.3	12.4	5572
Depth Avg	**17.3**	**11.7**	**34**



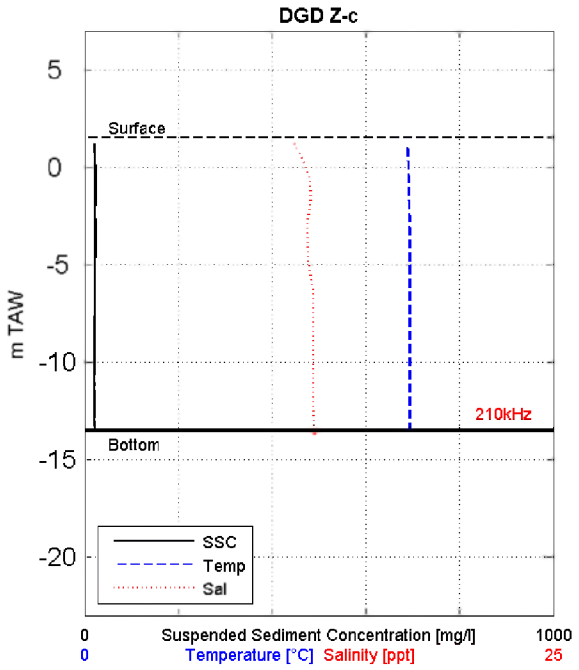
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

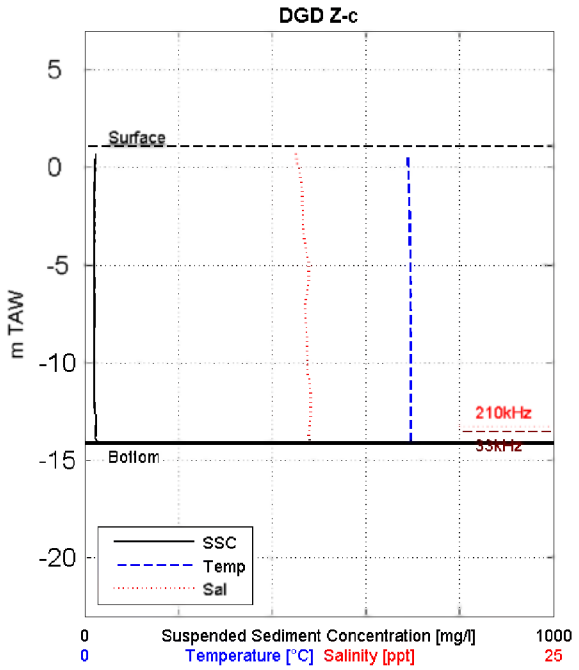
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8077 Zc_ctd.sil 8092 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:42
Time after/before HT [MET]:	4:32
Coordinates [UTM-ED50] Easting:	588764
Coordinates [UTM-ED50] Northing:	5684261
Water-Bottom Interface Siltpr. [m TAW]:	-13.52
Waterdepth 210 kHz Echo [m TAW]:	-13.35
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.52

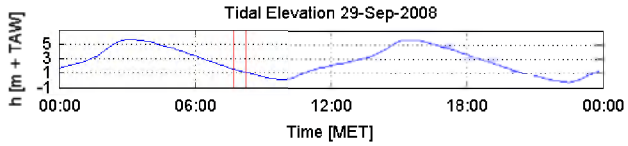
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.24	17.2	11.2	20
0.53	17.2	11.6	22
-0.16	17.3	11.9	24
-0.82	17.3	12.0	23
-1.49	17.3	12.0	23
-2.17	17.3	12.0	21
-2.83	17.3	11.9	22
-3.60	17.3	11.9	23
-4.36	17.3	11.9	22
-5.09	17.3	11.9	21
-5.79	17.3	12.1	21
-6.45	17.4	12.2	20
-7.21	17.4	12.1	21
-7.97	17.3	12.2	21
-8.69	17.3	12.2	22
-9.35	17.3	12.2	21
-9.97	17.4	12.2	21
-10.70	17.3	12.1	19
-11.34	17.3	12.2	19
-12.05	17.3	12.2	20
-12.76	17.3	12.2	21
-13.48	17.3	12.2	21
-13.52	17.3	12.2	22
Depth Avg	**17.3**	**12.0**	**21**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:14
Time after/before HT [MET]:	5:04
Coordinates [UTM-ED50] Easting:	588776
Coordinates [UTM-ED50] Northing:	5684274
Water-Bottom Interface Siltpr. [m TAW]:	-14.13
Waterdepth 210 kHz Echo [m TAW]:	-13.27
Waterdepth 33 kHz Echo [m TAW]:	-13.53
Surface Elevation [m TAW]:	1.08

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.79	17.2	11.3	23
0.05	17.3	11.4	22
-0.68	17.3	11.5	22
-1.45	17.3	11.6	19
-2.21	17.3	11.6	22
-2.95	17.3	11.6	21
-3.68	17.3	11.7	20
-4.39	17.4	11.8	20
-5.13	17.4	11.9	20
-5.89	17.4	11.9	21
-6.64	17.3	11.8	19
-7.47	17.4	11.8	22
-8.18	17.4	11.8	21
-9.04	17.3	11.8	19
-9.71	17.4	11.9	18
-10.56	17.4	11.9	19
-11.35	17.4	12.0	19
-12.07	17.4	12.0	21
-12.83	17.4	12.0	23
-13.57	17.4	11.9	23
-14.05	17.4	12.0	23
-14.08	17.3	12.0	65
-14.13	17.3	12.1	26
Depth Avg	**17.3**	**11.8**	**20**



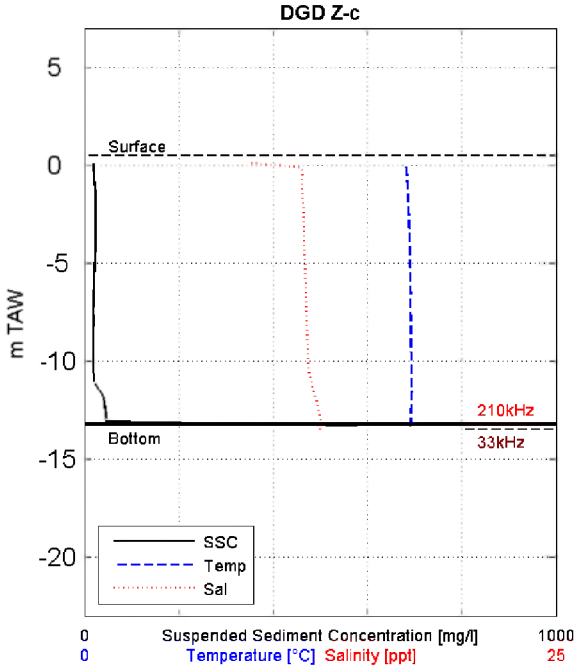
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

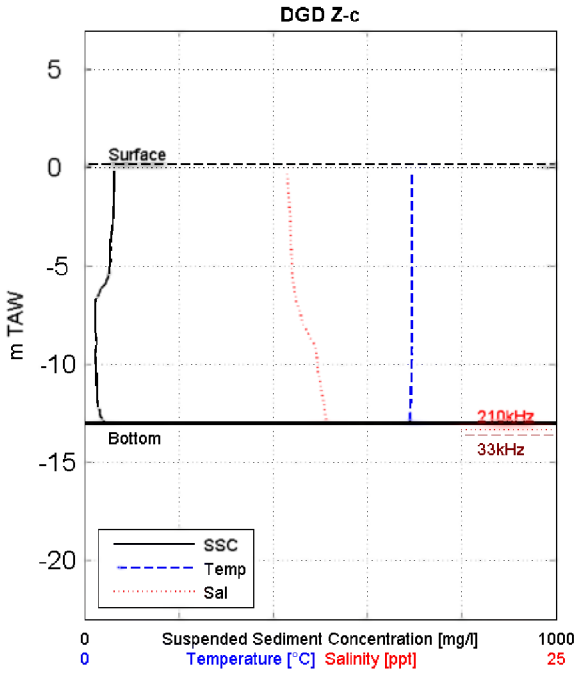
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8112 Zc_ctd.sil 8127 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:02
Time after/before HT [MET]:	5:52
Coordinates [UTM-ED50] Easting:	588766
Coordinates [UTM-ED50] Northing:	5684256
Water-Bottom Interface Siltpr. [m TAW]:	-13.23
Waterdepth 210 kHz Echo [m TAW]:	-13.22
Waterdepth 33 kHz Echo [m TAW]:	-13.44
Surface Elevation [m TAW]:	0.47

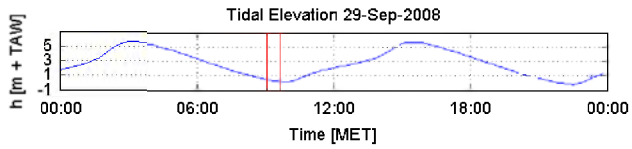
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.17	17.0	7.5	19
-0.57	17.1	11.5	19
-1.33	17.1	11.5	22
-1.97	17.1	11.6	23
-2.70	17.2	11.6	24
-3.39	17.2	11.6	23
-4.08	17.2	11.6	22
-4.72	17.3	11.7	22
-5.34	17.2	11.7	20
-5.92	17.3	11.7	19
-6.57	17.3	11.7	19
-7.15	17.3	11.7	18
-7.72	17.3	11.8	18
-8.29	17.3	11.8	17
-8.90	17.3	11.8	17
-9.49	17.3	11.8	16
-10.13	17.3	11.9	16
-10.81	17.3	11.9	19
-11.43	17.3	12.1	30
-12.09	17.3	12.3	41
-12.63	17.3	12.4	45
-13.23	17.3	12.5	27975
-13.23	17.3	12.5	27975
Depth Avg	**17.2**	**11.7**	**95**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:39
Time after/before HT [MET]:	6:29
Coordinates [UTM-ED50] Easting:	588764
Coordinates [UTM-ED50] Northing:	5684265
Water-Bottom Interface Siltpr. [m TAW]:	-13.06
Waterdepth 210 kHz Echo [m TAW]:	-13.34
Waterdepth 33 kHz Echo [m TAW]:	-13.62
Surface Elevation [m TAW]:	0.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.13	17.3	NaN	63
-0.79	17.3	10.8	63
-1.44	17.3	10.8	62
-2.15	17.3	10.9	61
-2.76	17.3	10.9	60
-3.33	17.3	10.9	55
-3.94	17.3	10.9	54
-4.58	17.3	10.9	55
-5.22	17.3	11.0	51
-5.86	17.3	11.0	45
-6.48	17.4	11.2	28
-7.11	17.3	11.3	21
-7.70	17.3	11.5	21
-8.31	17.3	11.8	22
-8.86	17.3	12.1	25
-9.47	17.3	12.3	22
-10.09	17.3	12.3	23
-10.72	17.3	12.4	23
-11.31	17.2	12.6	25
-11.90	17.3	12.6	26
-12.49	17.3	12.7	31
-12.99	17.3	12.9	41
-13.06	17.2	12.9	63
Depth Avg	**17.3**	**11.5**	**40**



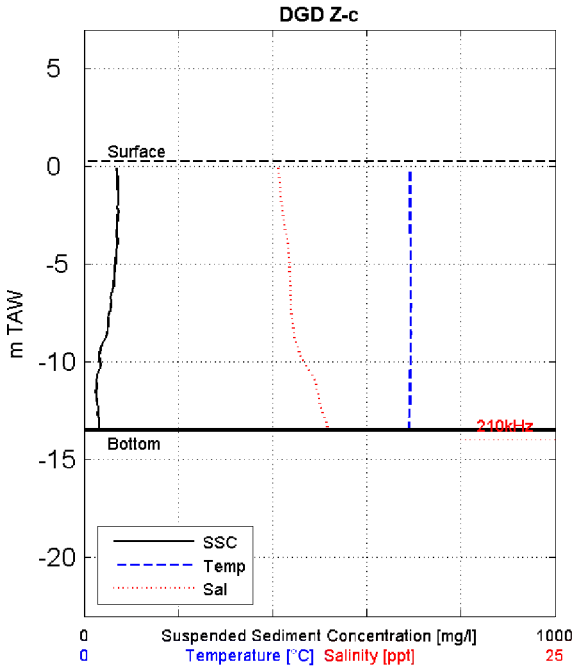
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

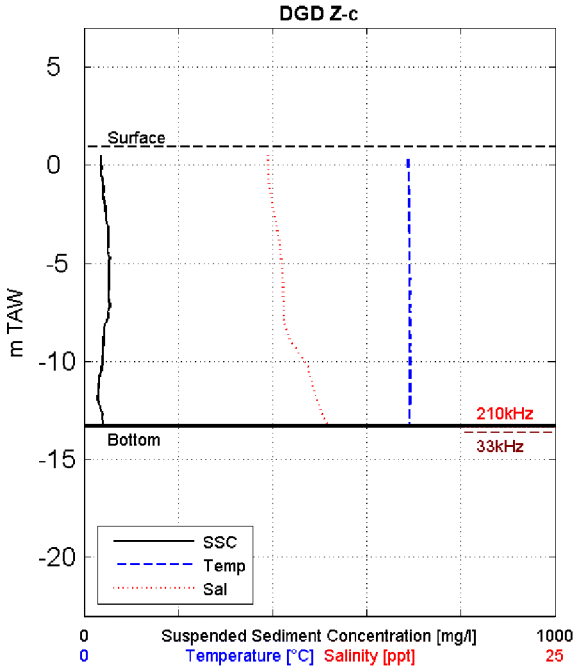
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8142 Zc_ctd.sil 8157 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:11
Time after/before HT [MET]:	0:21
Coordinates [UTM-ED50] Easting:	588767
Coordinates [UTM-ED50] Northing:	5684275
Water-Bottom Interface Siltpr. [m TAW]:	-13.49
Waterdepth 210 kHz Echo [m TAW]:	-13.97
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.27

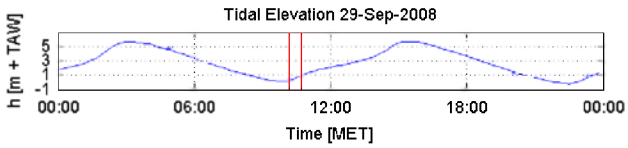
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.03	17.3	10.3	69
-0.72	17.3	10.4	70
-1.38	17.3	10.4	72
-1.99	17.3	10.5	69
-2.53	17.3	10.6	69
-3.20	17.3	10.7	68
-3.88	17.3	10.8	69
-4.60	17.3	10.9	66
-5.29	17.3	10.9	64
-5.95	17.3	10.9	61
-6.59	17.3	10.9	56
-7.23	17.3	11.0	56
-7.89	17.3	11.0	49
-8.50	17.3	11.1	50
-9.12	17.3	11.3	35
-9.78	17.3	11.5	33
-10.40	17.3	11.9	29
-11.01	17.3	12.3	27
-11.58	17.3	12.4	25
-12.17	17.3	12.5	28
-12.71	17.2	12.7	30
-13.27	17.3	12.9	31
-13.49	17.2	12.9	33
Depth Avg	**17.3**	**11.2**	**53**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:44
Time after/before HT [MET]:	0:54
Coordinates [UTM-ED50] Easting:	588768
Coordinates [UTM-ED50] Northing:	5684266
Water-Bottom Interface Siltpr. [m TAW]:	-13.31
Waterdepth 210 kHz Echo [m TAW]:	-13.36
Waterdepth 33 kHz Echo [m TAW]:	-13.62
Surface Elevation [m TAW]:	0.92

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.60	17.2	9.7	36
-0.15	17.2	9.8	36
-0.81	17.2	9.8	39
-1.44	17.2	9.9	39
-2.11	17.2	10.0	44
-2.78	17.2	10.2	47
-3.48	17.3	10.3	51
-4.22	17.2	10.4	50
-4.91	17.3	10.5	52
-5.57	17.3	10.5	53
-6.21	17.3	10.5	54
-6.90	17.3	10.6	51
-7.59	17.3	10.5	50
-8.30	17.3	10.7	42
-9.01	17.3	11.0	41
-9.60	17.3	11.4	39
-10.25	17.3	11.9	35
-10.86	17.3	12.0	30
-11.50	17.3	12.2	30
-12.14	17.3	12.4	32
-12.82	17.3	12.7	37
-13.31	17.2	12.9	39
-13.31	17.2	12.9	39
Depth Avg	**17.2**	**10.8**	**43**



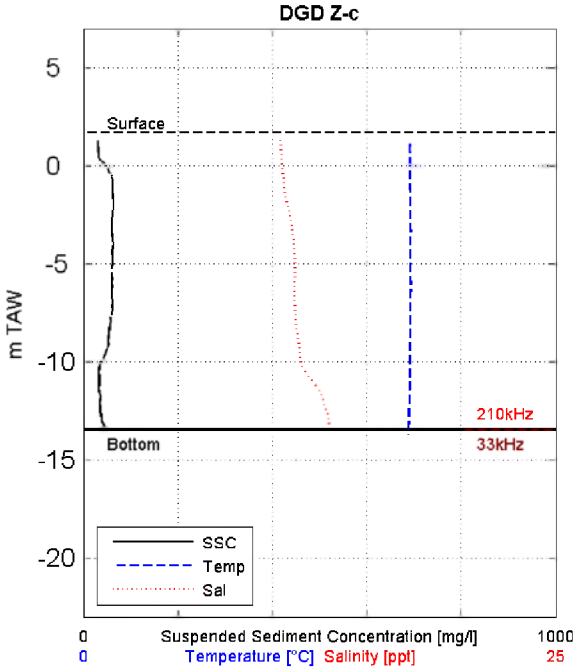
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

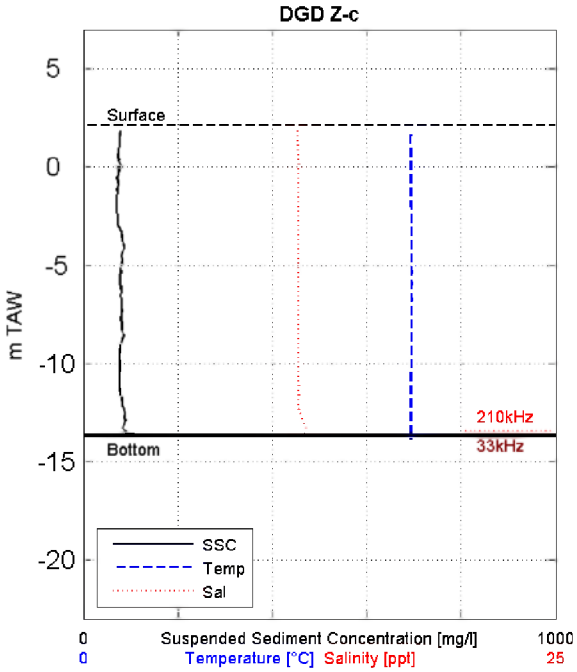
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8172 Zc_ctd.sil 8187 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:24
Time after/before HT [MET]:	1:34
Coordinates [UTM-ED50] Easting:	588765
Coordinates [UTM-ED50] Northing:	5684234
Water-Bottom Interface Siltpr. [m TAW]:	-13.46
Waterdepth 210 kHz Echo [m TAW]:	-13.34
Waterdepth 33 kHz Echo [m TAW]:	-13.48
Surface Elevation [m TAW]:	1.68

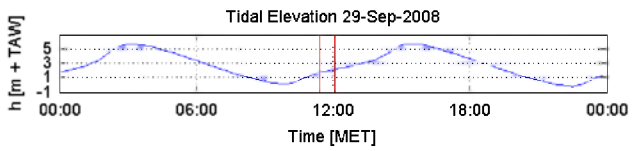
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.36	17.3	10.4	29
0.77	17.3	10.5	30
0.17	17.3	10.5	41
-0.42	17.3	10.6	58
-1.11	17.3	10.6	60
-1.80	17.3	10.7	63
-2.50	17.3	10.9	60
-3.19	17.3	11.0	57
-3.95	17.3	11.1	63
-4.70	17.3	11.2	61
-5.46	17.3	11.2	59
-6.26	17.3	11.2	59
-7.00	17.3	11.2	62
-7.77	17.3	11.2	58
-8.53	17.3	11.3	54
-9.19	17.3	11.4	52
-9.97	17.3	11.5	34
-10.64	17.3	11.8	31
-11.33	17.3	12.4	31
-12.04	17.3	12.7	34
-12.73	17.2	12.9	36
-13.37	17.2	13.0	51
-13.46	17.2	13.0	57
Depth Avg	**17.3**	**11.3**	**50**



Siltprofiler

Date & Time [MET]:	29/9/2008 12:04
Time after/before HT [MET]:	2:14
Coordinates [UTM-ED50] Easting:	588772
Coordinates [UTM-ED50] Northing:	5684239
Water-Bottom Interface Siltpr. [m TAW]:	-13.66
Waterdepth 210 kHz Echo [m TAW]:	-13.41
Waterdepth 33 kHz Echo [m TAW]:	-13.49
Surface Elevation [m TAW]:	2.14

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.85	17.3	11.3	78
0.96	17.4	11.4	74
0.18	17.3	11.4	78
-0.56	17.4	11.4	70
-1.23	17.3	11.4	70
-1.74	17.4	11.3	70
-2.43	17.3	11.3	71
-3.22	17.3	11.3	77
-4.05	17.4	11.4	85
-4.81	17.4	11.4	80
-5.50	17.4	11.4	77
-6.12	17.4	11.4	78
-6.83	17.3	11.4	80
-7.64	17.4	11.4	77
-8.43	17.3	11.4	83
-9.13	17.4	11.3	77
-9.78	17.3	11.4	75
-10.44	17.4	11.4	76
-11.08	17.4	11.4	76
-11.84	17.4	11.4	82
-12.63	17.3	11.5	86
-13.41	17.4	11.8	83
-13.66	17.3	11.5	125
Depth Avg	**17.4**	**11.4**	**78**



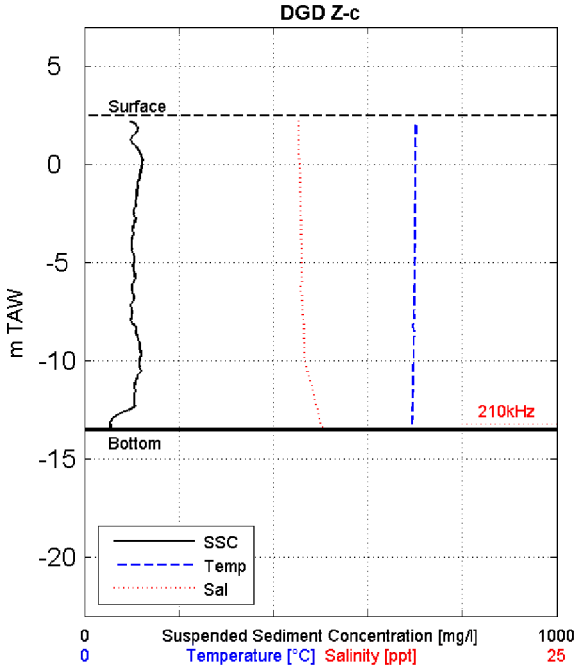
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

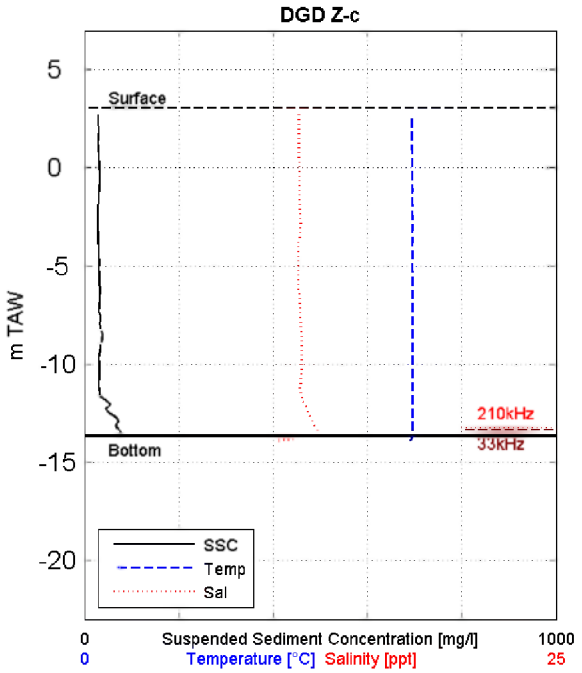
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8202 Zc_ctd.sil 8222 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:38
Time after/before HT [MET]:	2:48
Coordinates [UTM-ED50] Easting:	588763
Coordinates [UTM-ED50] Northing:	5684270
Water-Bottom Interface Siltpr. [m TAW]:	-13.49
Waterdepth 210 kHz Echo [m TAW]:	-13.23
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.51

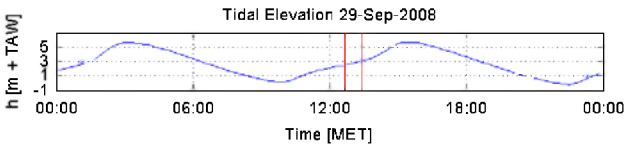
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.21	17.5	11.3	96
1.43	17.5	11.3	101
0.69	17.5	11.3	115
-0.17	17.5	11.4	118
-0.85	17.5	11.4	111
-1.60	17.5	11.4	110
-2.30	17.5	11.4	104
-3.05	17.5	11.4	103
-3.86	17.5	11.5	99
-4.64	17.5	11.5	105
-5.45	17.4	11.5	106
-6.17	17.4	11.5	98
-6.90	17.4	11.5	106
-7.62	17.4	11.6	100
-8.32	17.4	11.6	109
-9.02	17.4	11.6	117
-9.71	17.4	11.6	117
-10.46	17.4	11.8	125
-11.22	17.4	12.0	103
-11.97	17.3	12.2	103
-12.67	17.3	12.4	72
-13.42	17.3	12.6	56
-13.49	17.3	12.6	50
Depth Avg	**17.4**	**11.6**	**105**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:24
Time after/before HT [MET]:	3:34
Coordinates [UTM-ED50] Easting:	588775
Coordinates [UTM-ED50] Northing:	5684257
Water-Bottom Interface Siltpr. [m TAW]:	-13.68
Waterdepth 210 kHz Echo [m TAW]:	-13.21
Waterdepth 33 kHz Echo [m TAW]:	-13.33
Surface Elevation [m TAW]:	3.06

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.77	17.3	11.4	27
2.10	17.3	11.3	29
1.32	17.3	11.3	28
0.50	17.3	11.3	28
-0.33	17.4	11.4	30
-1.12	17.4	11.4	30
-1.88	17.4	11.4	27
-2.61	17.4	11.4	26
-3.31	17.4	11.4	28
-4.16	17.4	11.4	30
-5.09	17.4	11.3	30
-5.94	17.4	11.4	31
-6.64	17.3	11.4	26
-7.46	17.4	11.4	34
-8.24	17.4	11.5	35
-9.01	17.4	11.5	34
-9.79	17.4	11.5	31
-10.58	17.4	11.5	30
-11.37	17.4	11.4	30
-12.10	17.4	11.7	54
-12.82	17.4	12.0	67
-13.58	17.4	12.5	82
-13.68	17.4	12.5	90
Depth Avg	**17.4**	**11.5**	**34**



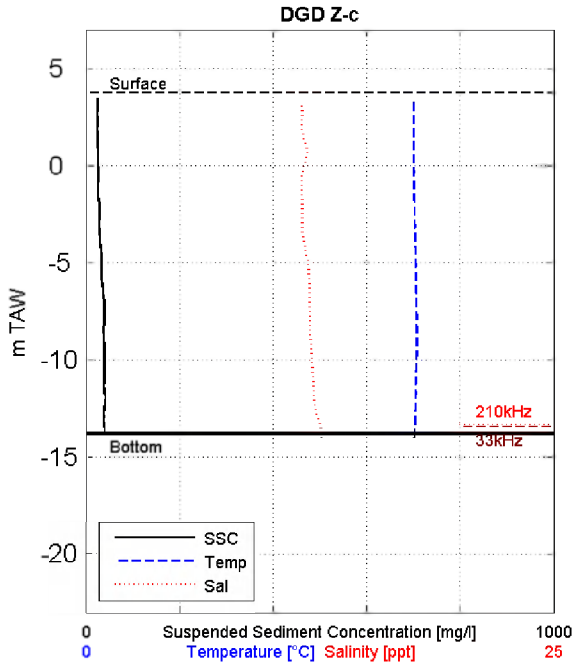
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

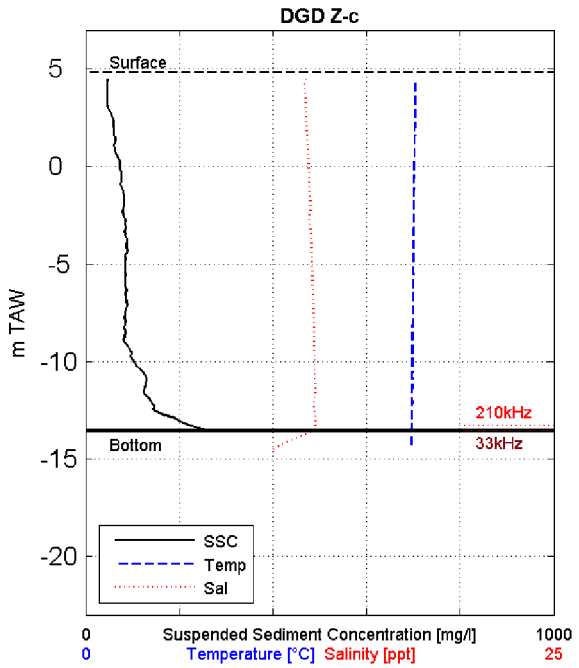
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8237 Zc_ctd.sil 8252 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 14:02
Time after/before HT [MET]:	4:12
Coordinates [UTM-ED50] Easting:	588773
Coordinates [UTM-ED50] Northing:	5684247
Water-Bottom Interface Siltpr. [m TAW]:	-13.79
Waterdepth 210 kHz Echo [m TAW]:	-13.32
Waterdepth 33 kHz Echo [m TAW]:	-13.42
Surface Elevation [m TAW]:	3.76

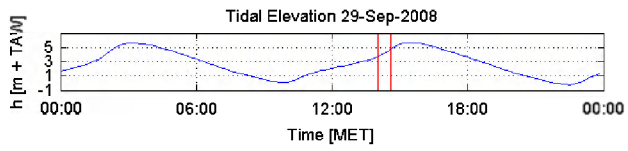
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.47	17.5	NaN	24
2.80	17.5	11.5	24
2.14	17.5	11.5	24
1.52	17.5	11.6	24
0.79	17.5	11.8	24
0.07	17.5	11.7	25
-0.62	17.5	11.5	26
-1.33	17.5	11.5	26
-1.99	17.6	11.5	28
-2.63	17.6	11.5	28
-3.37	17.6	11.5	29
-4.17	17.6	11.7	30
-5.02	17.6	11.9	33
-6.02	17.6	11.9	31
-7.00	17.6	12.0	39
-7.91	17.7	12.0	38
-8.80	17.7	12.0	37
-9.71	17.7	12.1	39
-10.54	17.6	12.1	41
-11.40	17.6	12.1	37
-12.26	17.6	12.2	38
-13.12	17.6	12.4	36
-13.79	17.6	12.6	42
Depth Avg	**17.6**	**11.8**	**32**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:37
Time after/before HT [MET]:	4:47
Coordinates [UTM-ED50] Easting:	588754
Coordinates [UTM-ED50] Northing:	5684274
Water-Bottom Interface Siltpr. [m TAW]:	-13.57
Waterdepth 210 kHz Echo [m TAW]:	-13.29
Waterdepth 33 kHz Echo [m TAW]:	-13.51
Surface Elevation [m TAW]:	4.83

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.54	17.6	11.8	51
3.78	17.6	11.7	44
2.97	17.6	11.8	49
2.10	17.6	11.8	58
1.27	17.5	11.8	63
0.51	17.6	11.9	66
-0.31	17.5	11.9	72
-1.16	17.5	11.9	77
-2.07	17.5	12.0	80
-2.93	17.5	12.0	84
-3.77	17.4	12.0	88
-4.61	17.5	12.1	83
-5.57	17.5	12.1	85
-6.50	17.5	12.1	85
-7.40	17.4	12.2	86
-8.22	17.4	12.2	82
-9.12	17.4	12.2	87
-9.96	17.4	12.2	103
-10.78	17.4	12.2	124
-11.66	17.4	12.2	124
-12.57	17.4	12.2	144
-13.38	17.4	12.2	251
-13.57	17.4	12.2	276
Depth Avg	**17.5**	**12.0**	**88**



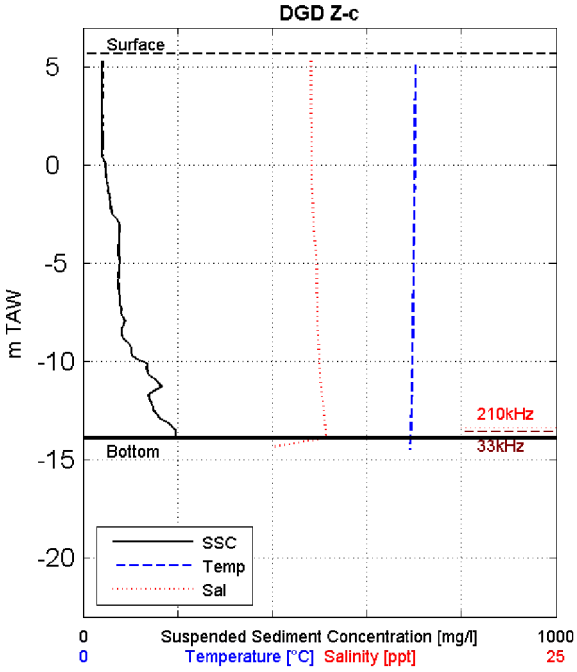
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

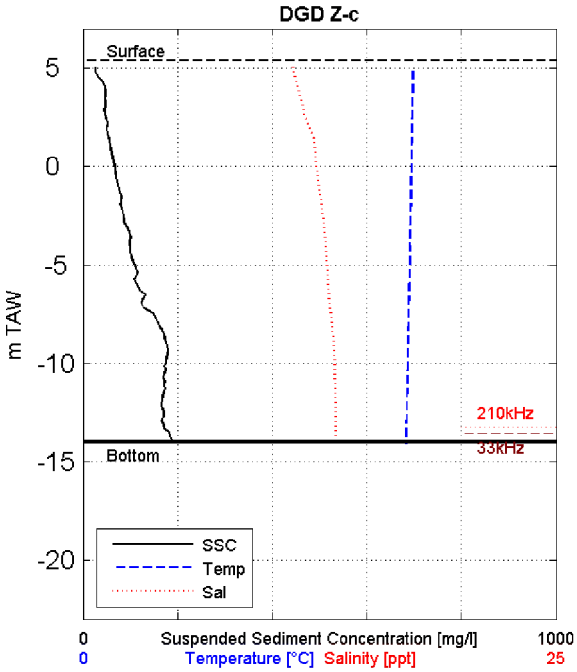
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8267 Zc_ctd.sil 8282 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:30
Time after/before HT [MET]:	5:40
Coordinates [UTM-ED50] Easting:	588761
Coordinates [UTM-ED50] Northing:	5684267
Water-Bottom Interface Siltpr. [m TAW]:	-13.88
Waterdepth 210 kHz Echo [m TAW]:	-13.34
Waterdepth 33 kHz Echo [m TAW]:	-13.56
Surface Elevation [m TAW]:	5.66

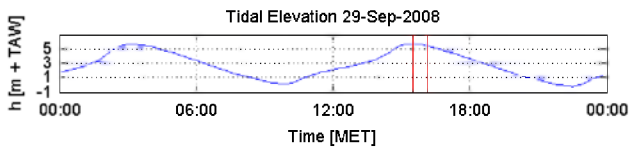
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.37	17.5	12.0	38
4.60	17.5	12.1	42
3.82	17.5	12.1	40
3.01	17.5	12.0	40
2.22	17.5	12.0	39
1.46	17.5	12.1	41
0.65	17.5	12.1	40
-0.17	17.5	12.1	47
-1.15	17.5	12.1	54
-2.15	17.5	12.1	58
-3.07	17.5	12.2	75
-4.03	17.4	12.3	75
-4.98	17.4	12.3	76
-5.87	17.4	12.4	73
-6.85	17.4	12.3	79
-7.79	17.4	12.4	89
-8.69	17.4	12.4	82
-9.67	17.4	12.5	103
-10.63	17.4	12.5	138
-11.59	17.3	12.6	138
-12.60	17.4	12.7	152
-13.56	17.3	12.8	196
-13.88	17.3	12.8	203
Depth Avg	**17.5**	**12.3**	**80**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:08
Time after/before HT [MET]:	6:18
Coordinates [UTM-ED50] Easting:	588781
Coordinates [UTM-ED50] Northing:	5684266
Water-Bottom Interface Siltpr. [m TAW]:	-13.99
Waterdepth 210 kHz Echo [m TAW]:	-13.22
Waterdepth 33 kHz Echo [m TAW]:	-13.56
Surface Elevation [m TAW]:	5.40

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.11	17.4	11.1	26
4.18	17.4	11.3	44
3.34	17.4	11.5	49
2.48	17.4	11.8	47
1.60	17.4	12.1	54
0.71	17.4	12.3	60
-0.25	17.4	12.4	68
-1.21	17.3	12.5	76
-2.17	17.3	12.6	82
-3.12	17.3	12.7	92
-4.09	17.3	12.8	98
-5.06	17.3	12.9	111
-6.02	17.3	12.9	114
-6.84	17.2	13.0	123
-7.75	17.2	13.1	153
-8.70	17.1	13.2	171
-9.64	17.1	13.3	178
-10.59	17.1	13.3	170
-11.48	17.1	13.3	171
-12.37	17.1	13.3	171
-13.18	17.1	13.4	170
-13.99	17.1	13.3	190
Depth Avg	**17.3**	**12.6**	**108**



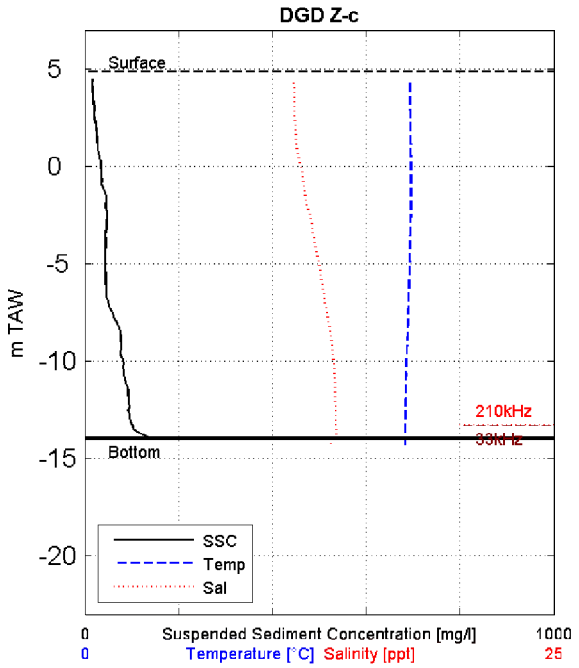
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

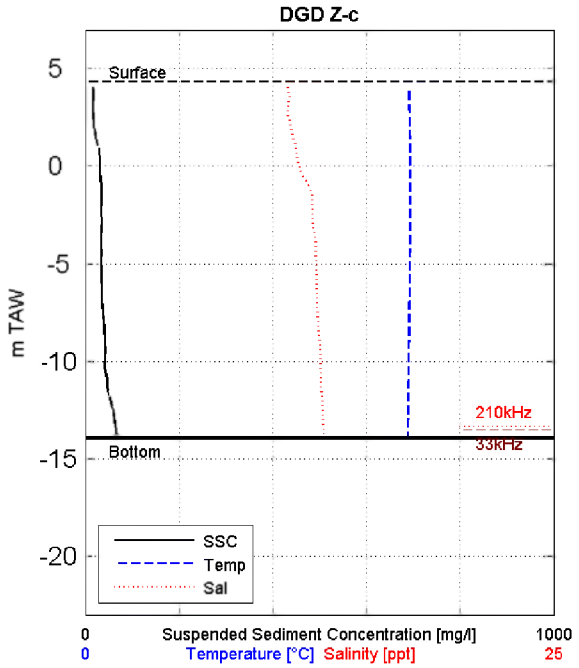
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8297 Zc_ctd.sil 8312 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:45
Time after/before HT [MET]:	6:55
Coordinates [UTM-ED50] Easting:	588763
Coordinates [UTM-ED50] Northing:	5684237
Water-Bottom Interface Siltpr. [m TAW]:	-13.98
Waterdepth 210 kHz Echo [m TAW]:	-13.24
Waterdepth 33 kHz Echo [m TAW]:	-13.29
Surface Elevation [m TAW]:	4.84

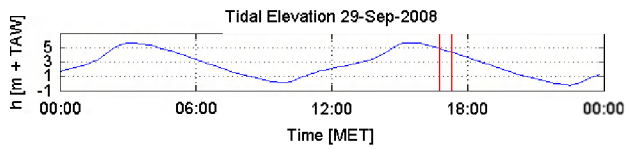
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.50	17.3	NaN	16
3.63	17.3	11.1	18
2.78	17.3	11.2	20
1.77	17.4	11.2	26
0.86	17.4	11.3	27
0.04	17.4	11.5	35
-0.79	17.4	11.6	36
-1.57	17.4	11.7	45
-2.46	17.4	12.0	48
-3.30	17.4	12.1	44
-4.28	17.3	12.3	44
-5.16	17.3	12.5	43
-6.09	17.3	12.7	45
-7.05	17.2	12.8	51
-7.92	17.2	13.0	68
-8.80	17.2	13.1	76
-9.71	17.1	13.2	77
-10.60	17.1	13.3	86
-11.48	17.1	13.4	92
-12.32	17.1	13.4	95
-13.17	17.1	13.4	98
-13.98	17.1	13.3	179
-13.98	17.1	13.3	179
Depth Avg	**17.3**	**12.3**	**53**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:16
Time after/before HT [MET]:	7:26
Coordinates [UTM-ED50] Easting:	588764
Coordinates [UTM-ED50] Northing:	5684263
Water-Bottom Interface Siltpr. [m TAW]:	-13.94
Waterdepth 210 kHz Echo [m TAW]:	-13.33
Waterdepth 33 kHz Echo [m TAW]:	-13.53
Surface Elevation [m TAW]:	4.34

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.05	17.3	10.8	16
3.03	17.3	10.8	15
2.05	17.3	10.9	17
1.26	17.3	11.2	23
0.31	17.3	11.3	31
-0.56	17.3	11.7	32
-1.41	17.4	12.1	35
-2.15	17.3	12.1	34
-2.96	17.3	12.2	36
-3.80	17.3	12.3	36
-4.59	17.3	12.3	34
-5.51	17.3	12.3	35
-6.35	17.3	12.4	35
-7.17	17.3	12.4	36
-8.00	17.3	12.4	40
-8.79	17.3	12.5	41
-9.65	17.2	12.6	44
-10.38	17.3	12.6	40
-11.17	17.3	12.6	48
-11.98	17.2	12.6	54
-12.82	17.2	12.7	60
-13.62	17.2	12.7	66
-13.94	17.2	12.7	80
Depth Avg	**17.3**	**12.0**	**36**



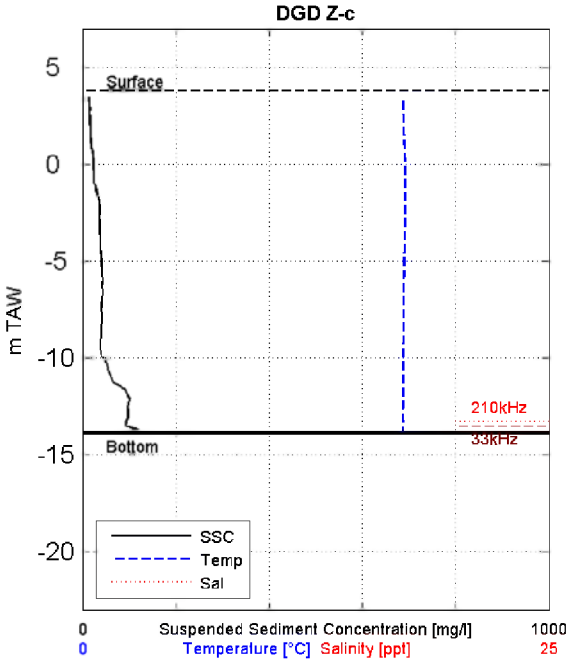
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

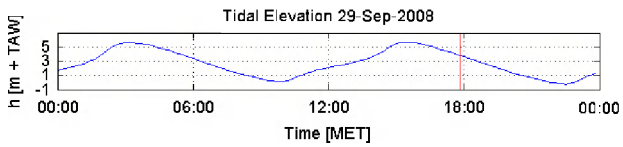
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8327 Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:49
Time after/before HT [MET]:	7:59
Coordinates [UTM-ED50] Easting:	588756
Coordinates [UTM-ED50] Northing:	5684267
Water-Bottom Interface Siltpr. [m TAW]:	-13.88
Waterdepth 210 kHz Echo [m TAW]:	-13.27
Waterdepth 33 kHz Echo [m TAW]:	-13.49
Surface Elevation [m TAW]:	3.80

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.48	17.2	NaN	14
2.56	17.2	NaN	16
1.63	17.2	NaN	16
0.69	17.3	NaN	20
-0.12	17.3	NaN	22
-0.87	17.3	NaN	24
-1.67	17.3	NaN	32
-2.50	17.3	NaN	36
-3.31	17.3	NaN	37
-4.29	17.3	NaN	37
-5.01	17.2	NaN	44
-5.74	17.2	NaN	42
-6.61	17.2	NaN	45
-7.42	17.2	NaN	39
-8.30	17.2	NaN	39
-9.11	17.2	NaN	37
-9.89	17.2	NaN	43
-10.68	17.2	NaN	55
-11.37	17.2	NaN	72
-12.06	17.2	NaN	101
-12.80	17.2	NaN	97
-13.48	17.2	NaN	90
-13.88	17.2	NaN	218
Depth Avg	**17.2**	**NaN**	**43**



Data Processed by: IMDC

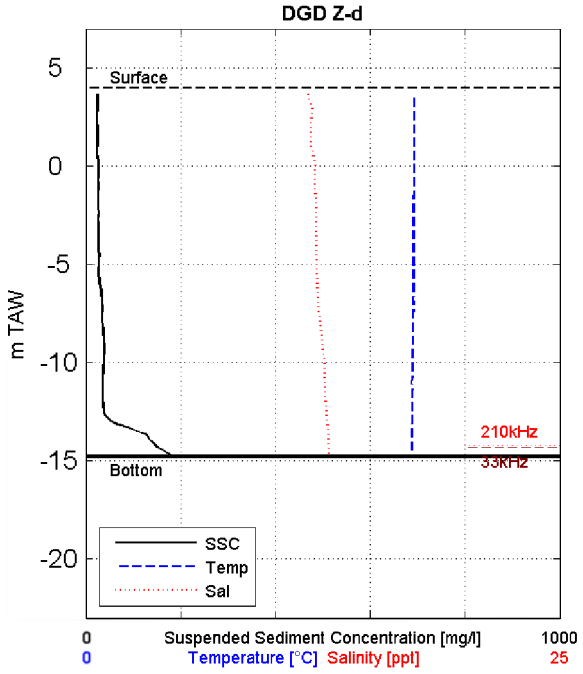
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.14 Location Zd

Through tide measurements Siltprofiler DGD Summer 2008

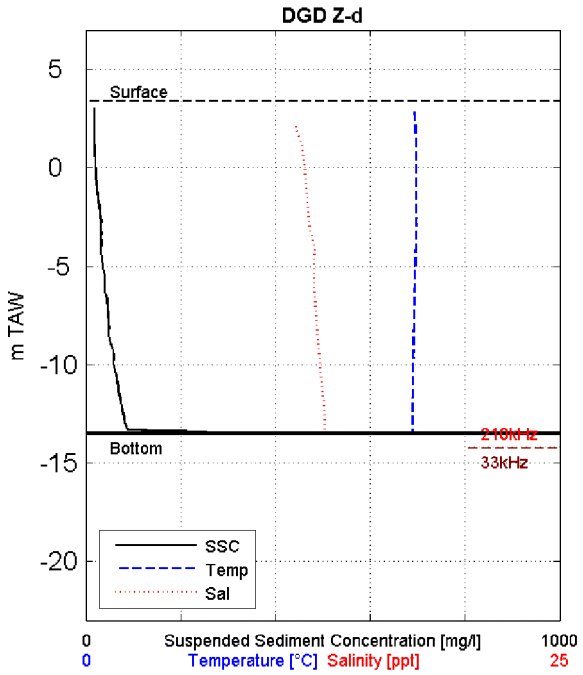
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8015 Zd_ctd.sil 8030 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:22
Time after/before HT [MET]:	2:12
Coordinates [UTM-ED50] Easting:	588825
Coordinates [UTM-ED50] Northing:	5684329
Water-Bottom Interface Siltpr. [m TAW]:	-14.79
Waterdepth 210 kHz Echo [m TAW]:	-14.23
Waterdepth 33 kHz Echo [m TAW]:	-14.34
Surface Elevation [m TAW]:	4.00

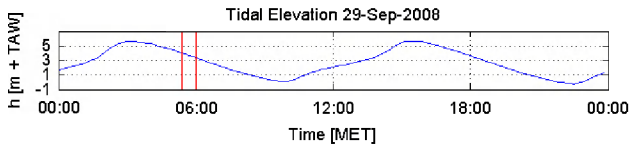
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.67	17.3	11.7	24
2.88	17.3	11.9	26
2.10	17.3	11.8	26
1.33	17.3	11.9	24
0.50	17.3	12.0	24
-0.36	17.3	12.1	26
-1.24	17.3	12.1	25
-2.10	17.3	12.1	25
-2.97	17.3	12.1	27
-3.82	17.3	12.1	26
-4.68	17.3	12.2	28
-5.60	17.3	12.2	27
-6.55	17.3	12.2	33
-7.54	17.3	12.3	34
-8.44	17.2	12.4	37
-9.38	17.2	12.5	38
-10.28	17.2	12.6	38
-11.20	17.2	12.6	35
-12.10	17.2	12.7	36
-12.99	17.2	12.7	55
-13.88	17.2	12.8	134
-14.68	17.2	12.8	182
-14.79	17.2	NaN	174
Depth Avg	**17.3**	**12.3**	**39**



Siltprofiler

Date & Time [MET]:	29/9/2008 06:00
Time after/before HT [MET]:	2:50
Coordinates [UTM-ED50] Easting:	588820
Coordinates [UTM-ED50] Northing:	5684349
Water-Bottom Interface Siltpr. [m TAW]:	-13.52
Waterdepth 210 kHz Echo [m TAW]:	-14.21
Waterdepth 33 kHz Echo [m TAW]:	-14.24
Surface Elevation [m TAW]:	3.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.07	17.3	NaN	17
2.33	17.4	NaN	17
1.50	17.4	11.3	17
0.69	17.4	11.4	20
-0.22	17.4	11.5	20
-1.08	17.4	11.6	24
-1.92	17.4	11.7	28
-2.71	17.4	11.8	32
-3.52	17.4	11.9	32
-4.43	17.4	12.0	33
-5.26	17.4	12.0	38
-6.18	17.3	12.0	38
-7.03	17.3	12.1	45
-7.87	17.3	12.2	47
-8.76	17.3	12.2	49
-9.59	17.3	12.3	59
-10.48	17.3	12.4	63
-11.36	17.2	12.5	70
-12.20	17.3	12.6	77
-13.06	17.3	12.6	85
-13.43	17.2	12.6	255
-13.47	17.3	12.6	48
-13.52	17.2	12.6	161
Depth Avg	**17.3**	**11.9**	**42**



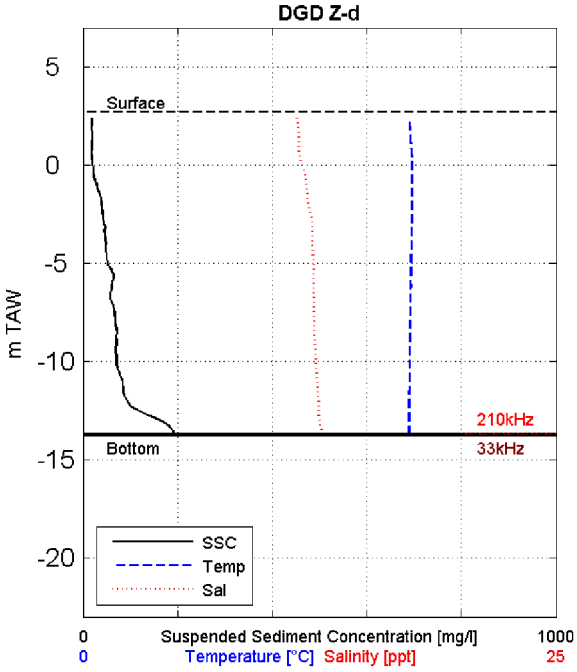
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

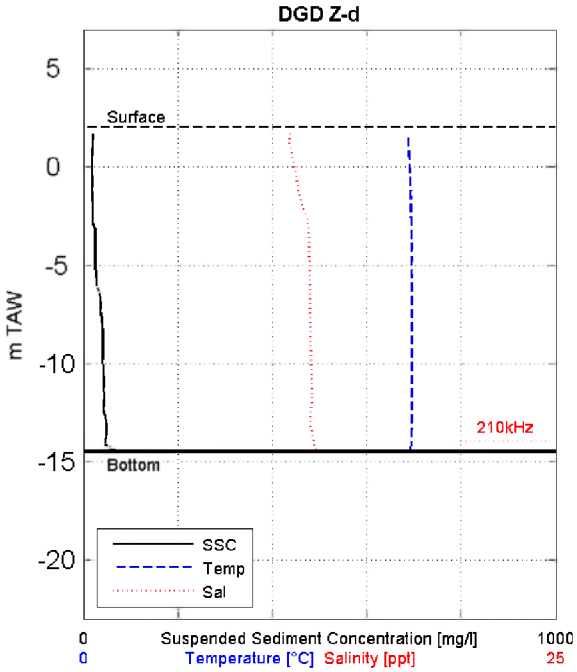
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8046 Zd_ctd.sil 8061 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:36
Time after/before HT [MET]:	3:26
Coordinates [UTM-ED50] Easting:	588807
Coordinates [UTM-ED50] Northing:	5684321
Water-Bottom Interface Siltpr. [m TAW]:	-13.73
Waterdepth 210 kHz Echo [m TAW]:	-13.63
Waterdepth 33 kHz Echo [m TAW]:	-13.70
Surface Elevation [m TAW]:	2.69

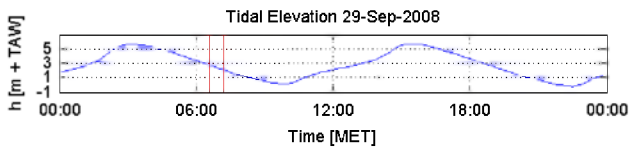
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.40	17.3	11.3	18
1.43	17.3	11.4	18
0.50	17.4	11.4	18
-0.33	17.4	11.7	21
-1.14	17.4	11.8	29
-1.98	17.4	11.9	39
-2.86	17.4	12.1	44
-3.72	17.3	12.1	48
-4.56	17.3	12.2	49
-5.44	17.3	12.2	63
-6.30	17.3	12.2	60
-7.12	17.3	12.2	63
-7.91	17.3	12.2	66
-8.66	17.3	12.2	70
-9.43	17.3	12.3	67
-10.21	17.3	12.3	70
-10.95	17.3	12.4	83
-11.67	17.2	12.4	85
-12.35	17.2	12.4	109
-13.12	17.2	12.5	175
-13.63	17.2	12.6	191
-13.70	17.2	12.6	183
-13.73	17.2	12.6	184
Depth Avg	**17.3**	**12.0**	**59**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:11
Time after/before HT [MET]:	4:01
Coordinates [UTM-ED50] Easting:	588808
Coordinates [UTM-ED50] Northing:	5684329
Water-Bottom Interface Siltpr. [m TAW]:	-14.46
Waterdepth 210 kHz Echo [m TAW]:	-13.95
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.04

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.76	17.2	10.9	21
0.91	17.2	11.0	19
0.04	17.2	11.2	17
-0.89	17.3	11.3	18
-1.75	17.3	11.5	20
-2.54	17.3	11.8	19
-3.42	17.4	11.9	24
-4.33	17.4	11.9	26
-5.29	17.4	12.0	26
-6.12	17.4	12.0	29
-6.91	17.4	12.0	36
-7.74	17.4	12.0	38
-8.61	17.4	12.0	41
-9.46	17.4	12.0	40
-10.30	17.4	12.1	41
-11.16	17.4	12.1	43
-12.02	17.4	12.1	44
-12.88	17.4	12.0	48
-13.75	17.4	12.1	48
-14.29	17.3	12.3	50
-14.36	17.3	12.3	65
-14.41	17.3	12.3	104
-14.46	17.3	12.3	15
Depth Avg	**17.3**	**11.8**	**31**



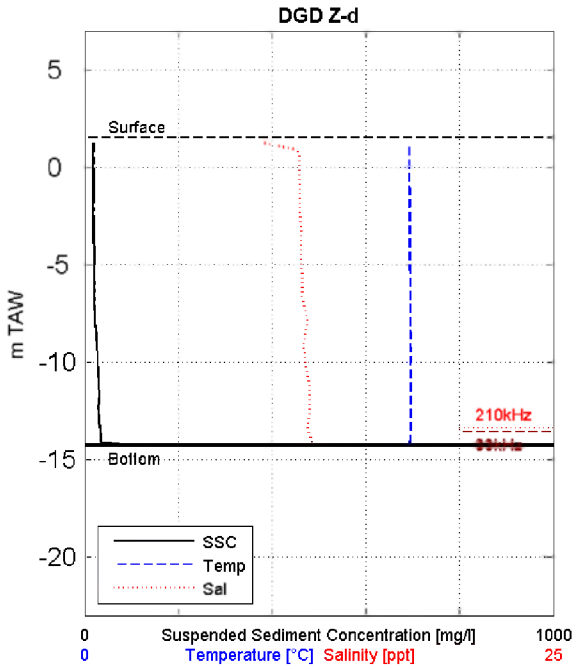
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

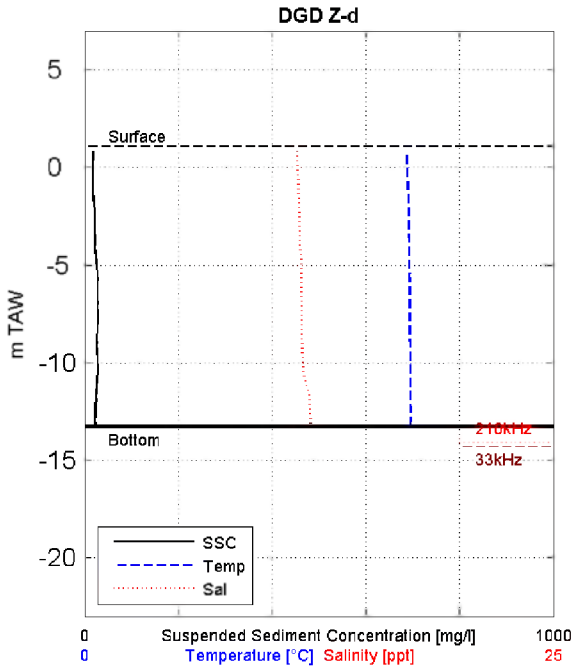
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8076 Zd_ctd.sil 8091 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:41
Time after/before HT [MET]:	4:31
Coordinates [UTM-ED50] Easting:	588816
Coordinates [UTM-ED50] Northing:	5684344
Water-Bottom Interface Siltpr. [m TAW]:	-14.26
Waterdepth 210 kHz Echo [m TAW]:	-13.37
Waterdepth 33 kHz Echo [m TAW]:	-13.54
Surface Elevation [m TAW]:	1.55

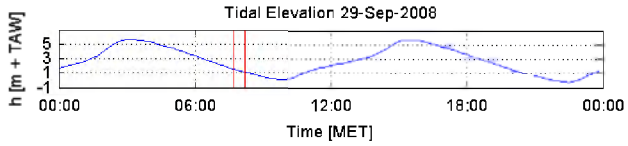
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.25	17.3	9.6	18
0.49	17.3	11.4	18
-0.22	17.3	11.4	18
-0.89	17.3	11.4	18
-1.70	17.3	11.5	18
-2.44	17.3	11.5	18
-3.22	17.3	11.5	19
-3.95	17.3	11.5	19
-4.69	17.3	11.5	21
-5.46	17.4	11.6	21
-6.22	17.4	11.6	20
-6.95	17.4	11.6	19
-7.74	17.3	11.9	23
-8.46	17.4	11.8	23
-9.21	17.4	11.7	26
-9.95	17.4	11.7	28
-10.69	17.4	11.9	29
-11.41	17.4	12.0	32
-12.09	17.4	12.0	30
-12.81	17.4	11.9	32
-13.57	17.4	11.9	31
-14.25	17.4	12.1	39
-14.26	17.3	12.2	195
Depth Avg	**17.3**	**11.6**	**23**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:12
Time after/before HT [MET]:	5:02
Coordinates [UTM-ED50] Easting:	588816
Coordinates [UTM-ED50] Northing:	5684345
Water-Bottom Interface Siltpr. [m TAW]:	-13.27
Waterdepth 210 kHz Echo [m TAW]:	-14.09
Waterdepth 33 kHz Echo [m TAW]:	-14.26
Surface Elevation [m TAW]:	1.10

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.81	17.1	11.3	19
0.17	17.2	11.3	17
-0.49	17.2	11.4	17
-1.14	17.3	11.4	14
-1.82	17.3	11.4	18
-2.46	17.3	11.4	21
-3.17	17.3	11.4	22
-3.88	17.3	11.5	23
-4.60	17.3	11.5	23
-5.28	17.3	11.6	27
-5.97	17.3	11.6	27
-6.62	17.3	11.6	28
-7.33	17.3	11.6	27
-8.01	17.3	11.6	27
-8.70	17.3	11.6	26
-9.37	17.3	11.6	27
-10.08	17.3	11.6	29
-10.74	17.3	11.7	27
-11.48	17.4	11.9	24
-12.19	17.3	12.0	23
-12.90	17.4	12.1	22
-13.22	17.4	12.0	23
-13.27	17.4	12.0	40
Depth Avg	**17.3**	**11.6**	**24**



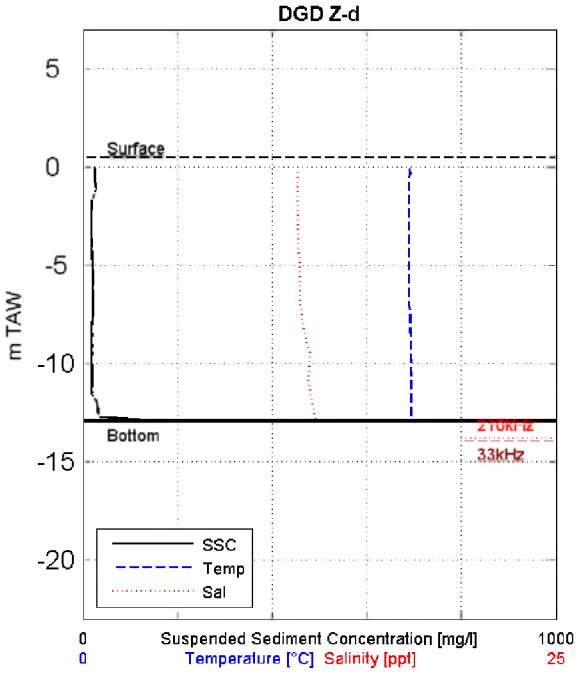
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

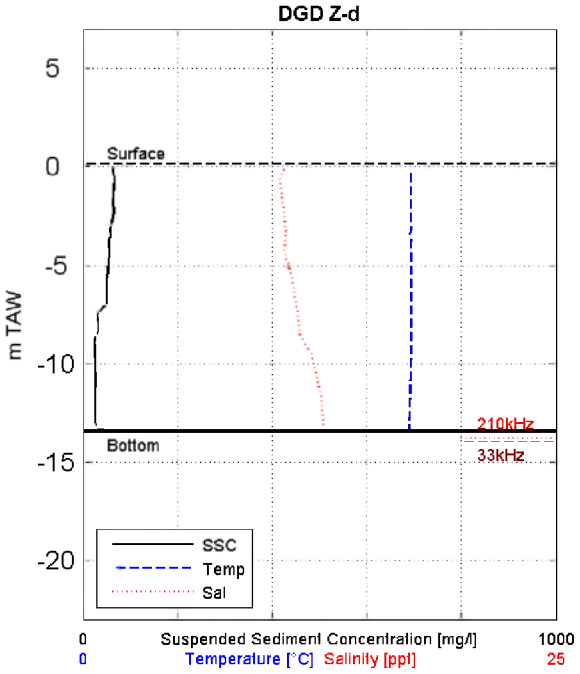
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8111 Zd_ctd.sil 8126 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:01
Time after/before HT [MET]:	5:51
Coordinates [UTM-ED50] Easting:	588792
Coordinates [UTM-ED50] Northing:	5684328
Water-Bottom Interface Siltpr. [m TAW]:	-12.94
Waterdepth 210 kHz Echo [m TAW]:	-13.80
Waterdepth 33 kHz Echo [m TAW]:	-13.92
Surface Elevation [m TAW]:	0.48

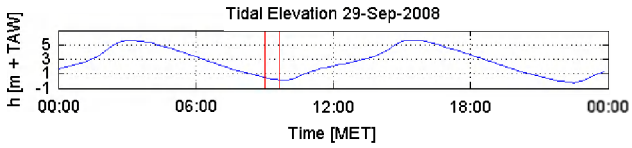
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.18	17.3	NaN	19
-0.61	17.3	11.3	25
-1.35	17.2	11.3	25
-2.04	17.3	11.3	18
-2.77	17.2	11.3	13
-3.53	17.3	11.3	18
-4.24	17.3	11.4	18
-4.91	17.2	11.4	18
-5.60	17.3	11.4	21
-6.34	17.2	11.4	20
-7.05	17.3	11.5	20
-7.73	17.3	11.6	18
-8.40	17.3	11.7	18
-9.09	17.3	11.9	19
-9.83	17.3	12.0	19
-10.54	17.3	11.9	20
-11.22	17.3	12.0	17
-11.89	17.3	12.1	27
-12.53	17.3	12.2	30
-12.83	17.3	12.3	30
-12.87	17.3	12.3	34
-12.90	17.3	12.3	100
-12.94	17.3	12.3	91
Depth Avg	**17.3**	**11.6**	**21**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:37
Time after/before HT [MET]:	6:27
Coordinates [UTM-ED50] Easting:	588808
Coordinates [UTM-ED50] Northing:	5684342
Water-Bottom Interface Siltpr. [m TAW]:	-13.44
Waterdepth 210 kHz Echo [m TAW]:	-13.76
Waterdepth 33 kHz Echo [m TAW]:	-13.93
Surface Elevation [m TAW]:	0.18

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.14	17.3	10.6	63
-0.78	17.3	10.4	66
-1.44	17.3	10.5	63
-2.09	17.3	10.6	65
-2.80	17.3	10.6	58
-3.44	17.3	10.7	57
-4.07	17.3	10.6	55
-4.72	17.3	10.7	54
-5.30	17.3	11.0	53
-5.94	17.3	11.1	48
-6.55	17.3	11.2	49
-7.15	17.3	11.3	40
-7.78	17.3	11.4	31
-8.42	17.3	11.4	28
-9.04	17.3	11.8	24
-9.73	17.3	12.1	26
-10.41	17.3	12.3	26
-11.01	17.3	12.4	27
-11.67	17.3	12.6	26
-12.28	17.2	12.6	26
-12.89	17.3	12.7	26
-13.41	17.2	12.7	34
-13.44	17.2	12.7	28
Depth Avg	**17.3**	**11.4**	**43**



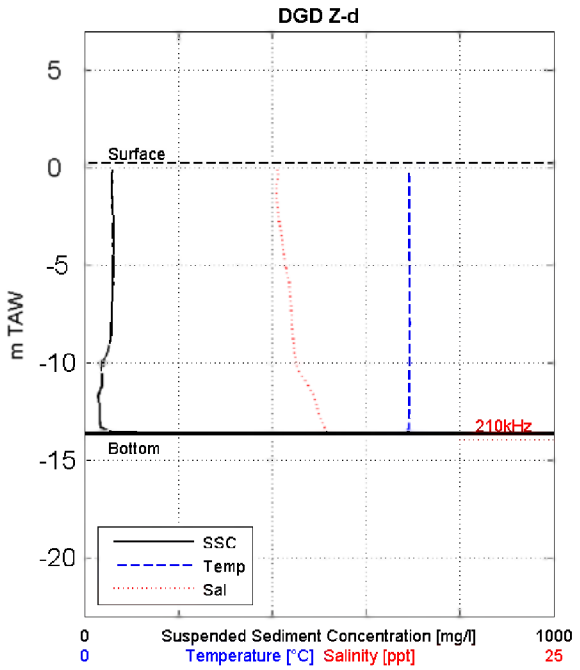
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

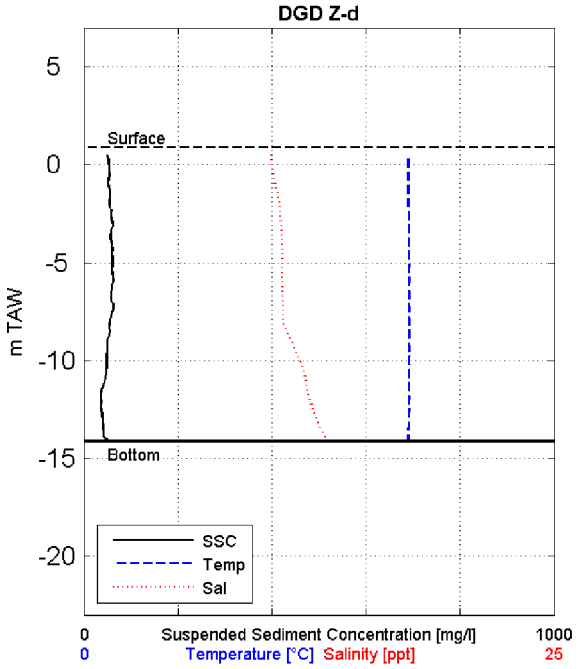
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8141 Zd_ctd.sil 8156 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:10
Time after/before HT [MET]:	0:20
Coordinates [UTM-ED50] Easting:	588808
Coordinates [UTM-ED50] Northing:	5684344
Water-Bottom Interface Siltpr. [m TAW]:	-13.65
Waterdepth 210 kHz Echo [m TAW]:	-13.93
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.24

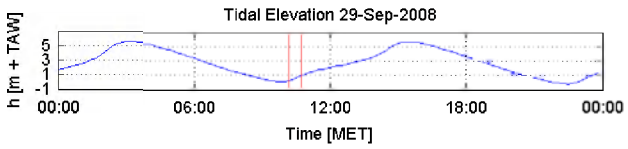
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.04	17.3	NaN	62
-0.73	17.3	10.2	58
-1.39	17.3	10.2	58
-2.00	17.3	10.3	59
-2.64	17.3	10.4	63
-3.33	17.3	10.4	60
-4.05	17.3	10.6	61
-4.79	17.3	10.7	61
-5.44	17.3	10.8	61
-6.08	17.3	10.9	60
-6.85	17.3	11.0	60
-7.58	17.3	11.0	58
-8.25	17.3	11.1	55
-8.81	17.3	11.1	57
-9.38	17.3	11.2	50
-10.11	17.3	11.3	39
-10.80	17.3	11.6	37
-11.42	17.3	12.1	32
-11.98	17.3	12.3	30
-12.50	17.3	12.4	31
-13.12	17.3	12.7	33
-13.58	17.2	12.9	33
-13.65	17.2	12.9	499
Depth Avg	**17.3**	**11.1**	**52**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:41
Time after/before HT [MET]:	0:51
Coordinates [UTM-ED50] Easting:	588823
Coordinates [UTM-ED50] Northing:	5684331
Water-Bottom Interface Siltpr. [m TAW]:	-14.12
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.88

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.54	17.2	9.9	48
-0.20	17.3	10.0	53
-0.94	17.2	10.2	51
-1.78	17.3	10.4	57
-2.52	17.3	10.4	56
-3.25	17.3	10.5	59
-3.97	17.2	10.5	58
-4.73	17.3	10.5	60
-5.49	17.3	10.5	60
-6.20	17.3	10.5	59
-6.89	17.3	10.6	58
-7.57	17.3	10.6	59
-8.27	17.3	10.7	52
-8.98	17.3	11.0	49
-9.74	17.2	11.4	49
-10.45	17.3	11.7	48
-11.11	17.3	11.8	44
-11.83	17.2	11.9	36
-12.56	17.3	12.2	36
-13.30	17.3	12.5	41
-13.92	17.2	12.8	43
-14.07	17.2	12.9	42
-14.12	17.2	12.9	112
Depth Avg	**17.3**	**10.9**	**52**



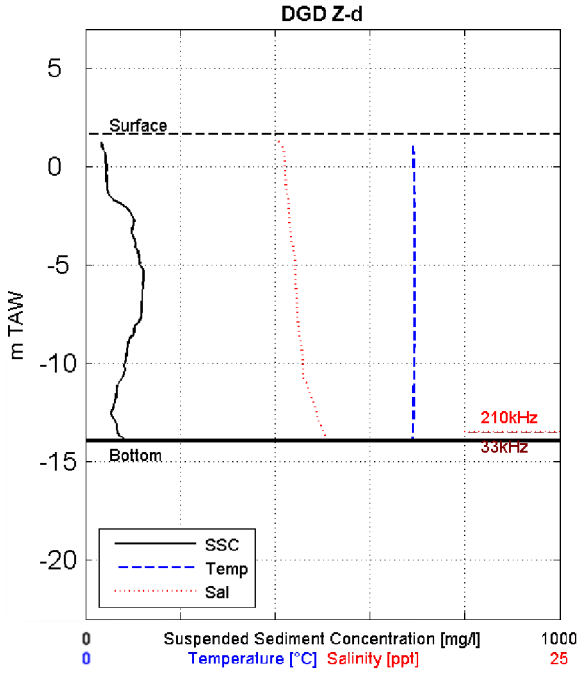
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

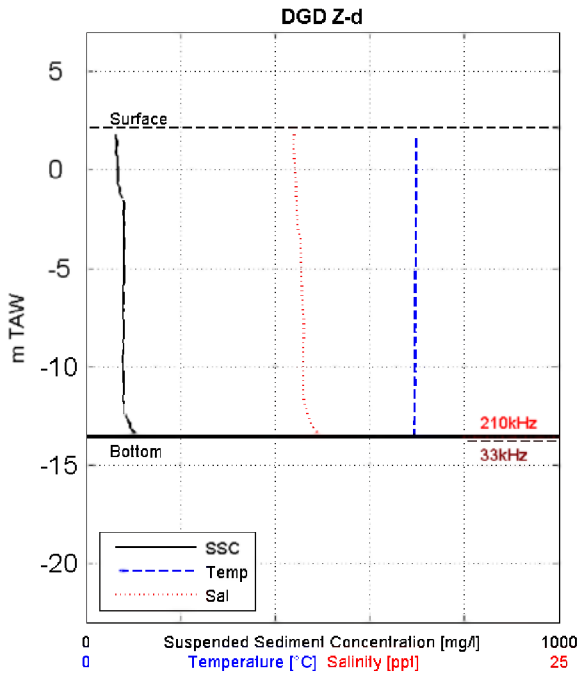
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8171 Zd_ctd.sil 8186 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:21
Time after/before HT [MET]:	1:31
Coordinates [UTM-ED50] Easting:	588831
Coordinates [UTM-ED50] Northing:	5684321
Water-Bottom Interface Siltpr. [m TAW]:	-13.96
Waterdepth 210 kHz Echo [m TAW]:	-13.45
Waterdepth 33 kHz Echo [m TAW]:	-13.51
Surface Elevation [m TAW]:	1.64

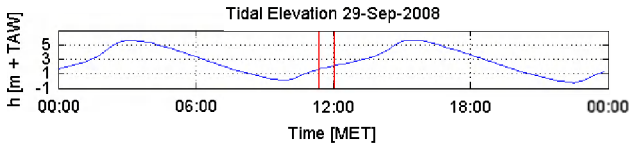
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.35	17.3	10.1	32
0.63	17.3	10.5	41
-0.05	17.3	10.5	44
-0.69	17.3	10.5	44
-1.31	17.3	10.6	49
-2.02	17.3	10.7	85
-2.76	17.3	10.7	105
-3.49	17.3	10.8	100
-4.21	17.3	11.0	108
-4.92	17.3	11.0	115
-5.66	17.3	11.0	123
-6.45	17.3	11.1	121
-7.24	17.3	11.1	119
-7.99	17.3	11.2	107
-8.78	17.3	11.3	91
-9.61	17.3	11.4	85
-10.43	17.3	11.5	86
-11.26	17.3	11.7	66
-12.13	17.3	12.1	57
-13.01	17.2	12.3	64
-13.84	17.3	12.7	73
-13.94	17.2	12.8	78
-13.96	17.2	12.8	208
Depth Avg	**17.3**	**11.2**	**82**



Siltprofiler

Date & Time [MET]:	29/9/2008 12:02
Time after/before HT [MET]:	2:12
Coordinates [UTM-ED50] Easting:	588822
Coordinates [UTM-ED50] Northing:	5684326
Water-Bottom Interface Siltpr. [m TAW]:	-13.57
Waterdepth 210 kHz Echo [m TAW]:	-13.56
Waterdepth 33 kHz Echo [m TAW]:	-13.78
Surface Elevation [m TAW]:	2.11

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.81	17.4	11.0	61
1.08	17.4	11.0	61
0.34	17.4	11.0	65
-0.40	17.4	11.1	66
-1.02	17.4	11.1	73
-1.67	17.4	11.1	79
-2.41	17.4	11.1	79
-3.23	17.4	11.3	77
-3.98	17.4	11.3	79
-4.68	17.4	11.4	79
-5.34	17.4	11.4	83
-6.02	17.4	11.4	76
-6.77	17.4	11.4	79
-7.55	17.4	11.5	78
-8.27	17.4	11.5	80
-8.95	17.4	11.5	81
-9.56	17.4	11.4	75
-10.25	17.4	11.4	80
-11.02	17.4	11.4	79
-11.82	17.4	11.5	81
-12.61	17.4	11.8	83
-13.27	17.3	12.2	102
-13.57	17.3	12.4	108
Depth Avg	**17.4**	**11.3**	**77**



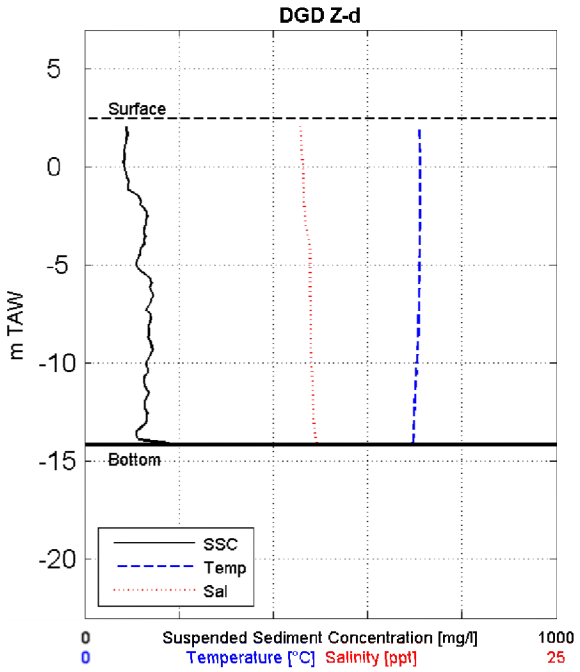
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

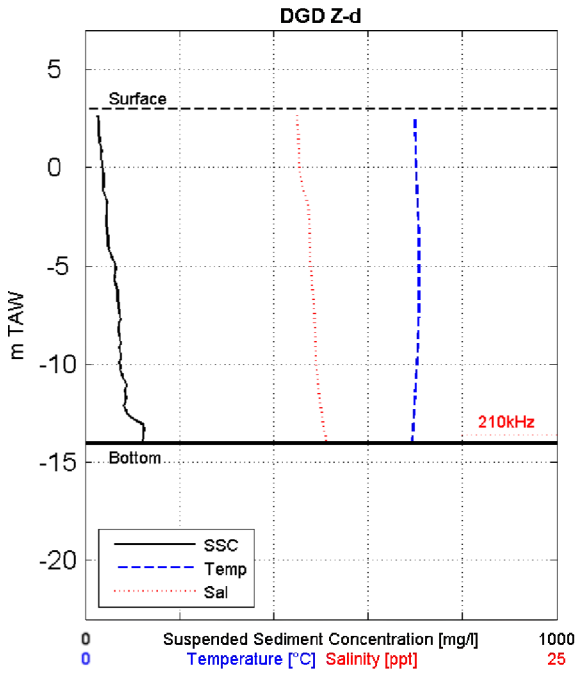
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8201 Zd_ctd.sil 8221 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:36
Time after/before HT [MET]:	2:46
Coordinates [UTM-ED50] Easting:	588827
Coordinates [UTM-ED50] Northing:	5684333
Water-Bottom Interface Siltpr. [m TAW]:	-14.18
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.48

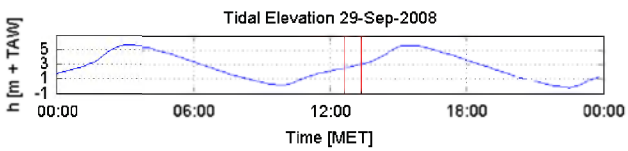
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.16	17.7	11.4	88
1.27	17.7	11.5	87
0.36	17.8	11.5	84
-0.42	17.8	11.6	89
-1.41	17.8	11.6	112
-2.19	17.8	11.7	128
-3.00	17.8	11.7	129
-3.72	17.8	11.9	126
-4.51	17.7	11.9	116
-5.37	17.7	11.9	122
-6.22	17.7	11.9	139
-7.08	17.7	11.9	135
-7.92	17.7	12.0	139
-8.70	17.7	11.9	135
-9.51	17.6	12.0	139
-10.30	17.6	12.0	132
-11.11	17.5	12.1	128
-11.90	17.5	12.1	126
-12.62	17.4	12.1	132
-13.38	17.4	12.2	112
-14.02	17.4	12.3	124
-14.11	17.4	12.3	129
-14.18	17.4	12.3	362
Depth Avg	**17.7**	**11.9**	**120**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:21
Time after/before HT [MET]:	3:31
Coordinates [UTM-ED50] Easting:	588833
Coordinates [UTM-ED50] Northing:	5684318
Water-Bottom Interface Siltpr. [m TAW]:	-14.06
Waterdepth 210 kHz Echo [m TAW]:	-13.62
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	3.02

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.73	17.5	11.2	26
1.92	17.5	11.3	29
1.16	17.5	11.3	32
0.25	17.5	11.3	36
-0.62	17.6	11.4	38
-1.45	17.6	11.7	43
-2.31	17.7	11.9	45
-3.10	17.7	11.9	45
-3.90	17.7	11.9	47
-4.77	17.7	11.9	61
-5.60	17.7	12.0	62
-6.44	17.7	12.1	69
-7.15	17.7	12.1	70
-7.91	17.6	12.2	70
-8.70	17.7	12.2	73
-9.44	17.6	12.2	74
-10.22	17.6	12.3	74
-11.03	17.5	12.3	87
-11.82	17.5	12.4	85
-12.60	17.4	12.5	90
-13.30	17.4	12.7	125
-14.01	17.3	12.8	126
-14.06	17.3	12.8	135
Depth Avg	**17.6**	**11.9**	**62**



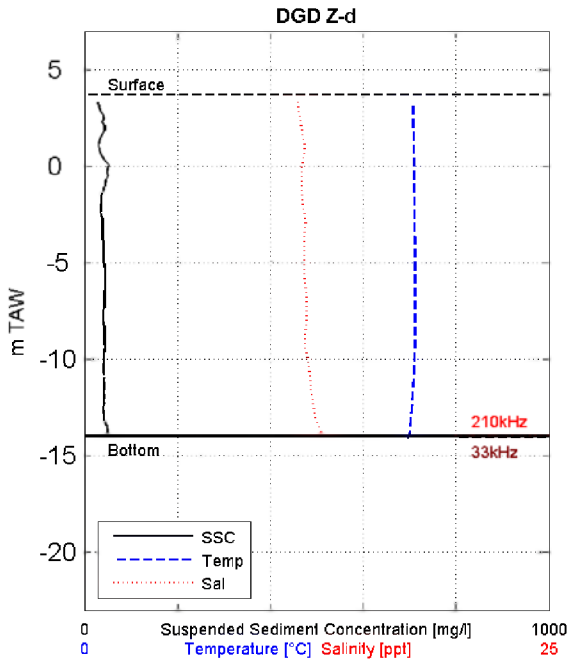
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

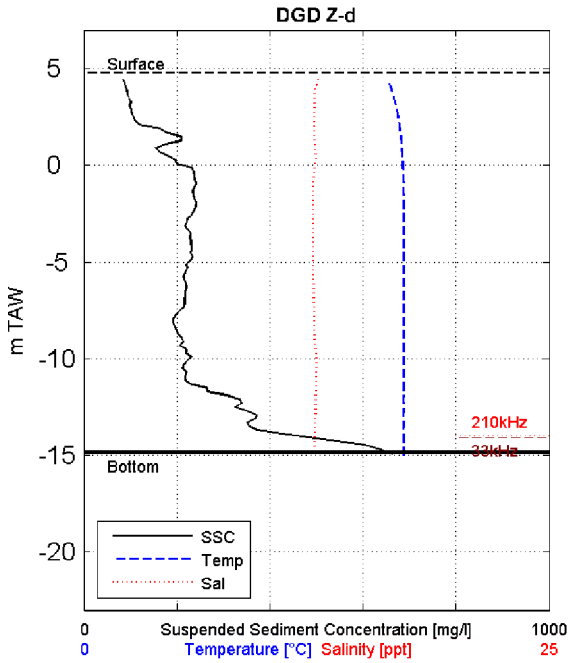
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8236 Zd_ctd.sil 8251 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 14:00
Time after/before HT [MET]:	4:10
Coordinates [UTM-ED50] Easting:	588833
Coordinates [UTM-ED50] Northing:	5684339
Water-Bottom Interface Siltpr. [m TAW]:	-13.99
Waterdepth 210 kHz Echo [m TAW]:	-13.92
Waterdepth 33 kHz Echo [m TAW]:	-14.09
Surface Elevation [m TAW]:	3.72

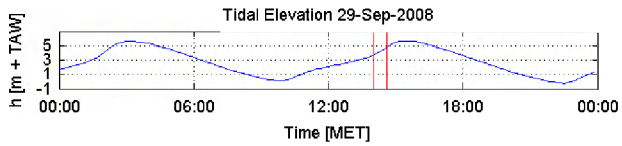
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.38	17.7	11.4	29
2.54	17.7	11.6	41
1.76	17.7	11.7	40
0.95	17.7	11.8	31
0.13	17.7	11.7	54
-0.73	17.7	11.7	44
-1.63	17.8	11.7	35
-2.62	17.8	11.9	37
-3.52	17.7	11.8	38
-4.21	17.8	11.8	40
-5.03	17.8	11.8	41
-5.78	17.8	11.8	43
-6.57	17.8	11.9	43
-7.34	17.8	11.9	41
-8.10	17.8	11.9	40
-8.91	17.8	11.9	43
-9.77	17.8	11.9	40
-10.56	17.7	12.1	39
-11.34	17.7	12.2	41
-12.11	17.6	12.3	39
-12.92	17.6	12.4	43
-13.72	17.5	12.7	48
-13.99	17.5	12.8	47
Depth Avg	**17.7**	**11.9**	**40**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:35
Time after/before HT [MET]:	4:45
Coordinates [UTM-ED50] Easting:	588820
Coordinates [UTM-ED50] Northing:	5684322
Water-Bottom Interface Siltpr. [m TAW]:	-14.88
Waterdepth 210 kHz Echo [m TAW]:	-13.99
Waterdepth 33 kHz Echo [m TAW]:	-14.07
Surface Elevation [m TAW]:	4.77

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.46	16.3	12.6	82
3.50	16.6	12.4	97
2.54	16.9	12.4	105
1.56	17.0	12.4	201
0.59	17.1	12.4	171
-0.31	17.2	12.4	238
-1.24	17.1	12.3	238
-2.23	17.2	12.3	240
-3.12	17.2	12.3	217
-4.03	17.2	12.3	230
-4.96	17.2	12.3	226
-5.89	17.2	12.3	214
-6.87	17.2	12.4	215
-7.76	17.2	12.4	196
-8.69	17.2	12.4	201
-9.56	17.2	12.4	227
-10.46	17.2	12.5	207
-11.30	17.2	12.5	257
-12.19	17.2	12.5	348
-13.04	17.2	12.4	378
-13.93	17.1	12.4	438
-14.81	17.1	12.3	657
-14.88	17.1	12.3	676
Depth Avg	**17.1**	**12.4**	**231**



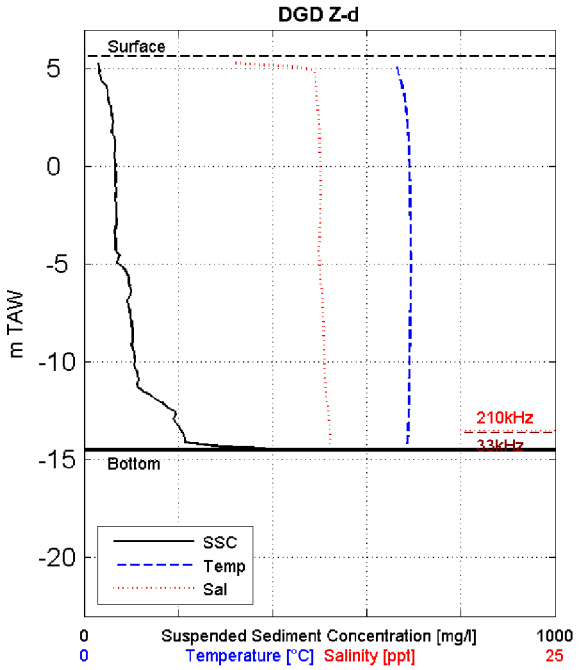
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

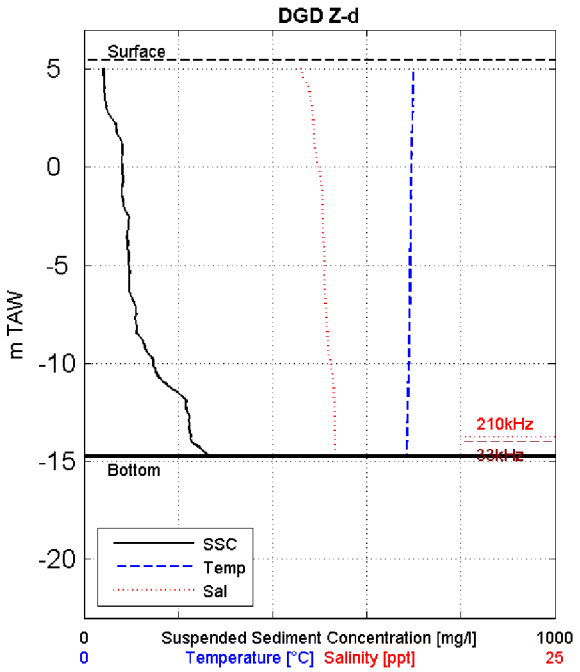
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8266 Zd_ctd.sil 8281 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:26
Time after/before HT [MET]:	5:36
Coordinates [UTM-ED50] Easting:	588833
Coordinates [UTM-ED50] Northing:	5684350
Water-Bottom Interface Siltpr. [m TAW]:	-14.51
Waterdepth 210 kHz Echo [m TAW]:	-13.52
Waterdepth 33 kHz Echo [m TAW]:	-13.60
Surface Elevation [m TAW]:	5.65

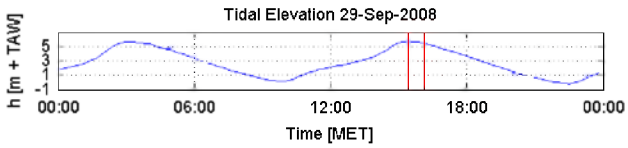
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.33	16.5	7.2	29
4.17	16.9	12.3	46
2.97	17.1	12.4	56
1.76	17.2	12.5	58
0.53	17.2	12.5	62
-0.63	17.3	12.5	67
-1.80	17.3	12.5	66
-2.86	17.3	12.5	67
-4.06	17.3	12.5	67
-5.25	17.3	12.5	86
-6.33	17.3	12.6	100
-7.46	17.3	12.7	98
-8.59	17.3	12.7	103
-9.64	17.3	12.7	106
-10.70	17.2	12.8	114
-11.88	17.2	12.8	150
-12.99	17.2	13.0	191
-14.09	17.2	13.0	212
-14.43	17.1	NaN	177
-14.43	17.1	NaN	287
-14.44	17.1	NaN	267
-14.46	17.1	NaN	352
-14.51	17.1	NaN	271
Depth Avg	**17.2**	**12.5**	**93**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:06
Time after/before HT [MET]:	6:16
Coordinates [UTM-ED50] Easting:	588810
Coordinates [UTM-ED50] Northing:	5684344
Water-Bottom Interface Siltpr. [m TAW]:	-14.75
Waterdepth 210 kHz Echo [m TAW]:	-13.78
Waterdepth 33 kHz Echo [m TAW]:	-13.99
Surface Elevation [m TAW]:	5.42

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.12	17.4	11.5	41
4.19	17.5	11.8	41
3.31	17.4	12.0	45
2.28	17.4	12.1	66
1.27	17.4	12.2	79
0.28	17.3	12.4	79
-0.63	17.3	12.6	81
-1.60	17.3	12.6	82
-2.59	17.3	12.7	97
-3.60	17.3	12.7	93
-4.56	17.3	12.7	95
-5.56	17.3	12.7	97
-6.54	17.3	12.8	100
-7.58	17.3	12.8	109
-8.61	17.2	12.9	115
-9.60	17.2	13.0	141
-10.55	17.2	13.2	154
-11.51	17.2	13.2	197
-12.49	17.1	13.3	218
-13.50	17.1	13.3	226
-14.49	17.1	13.3	252
-14.68	17.1	NaN	268
-14.75	17.1	NaN	295
Depth Avg	**17.3**	**12.7**	**113**



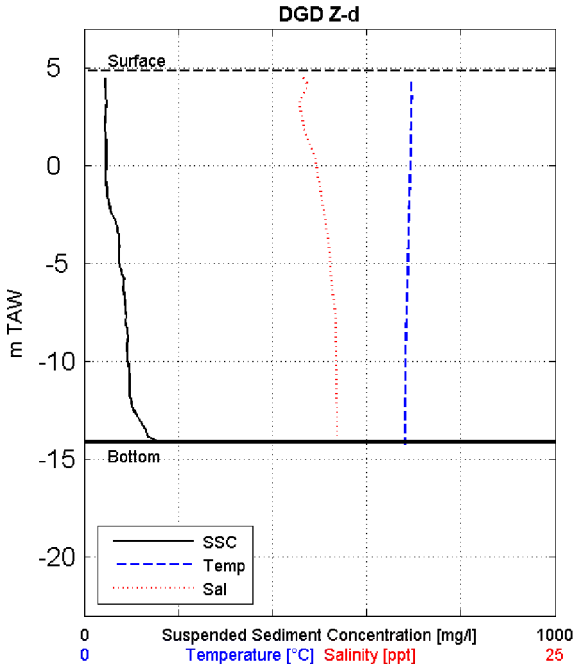
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

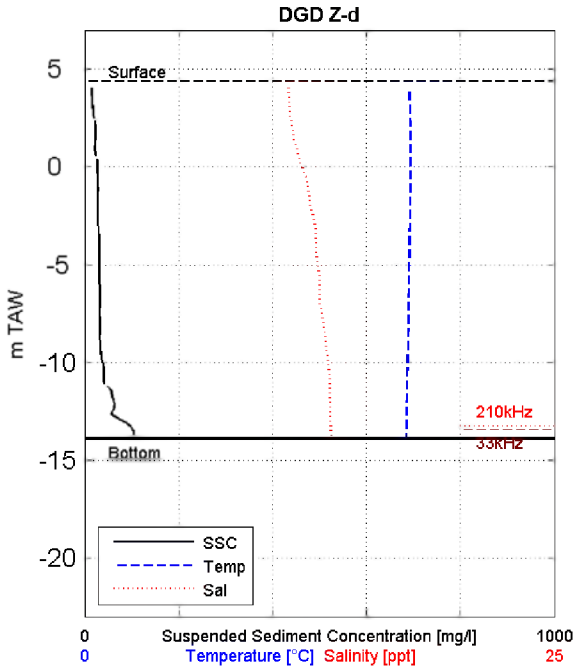
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8296 Zd_ctd.sil 8311 Zd_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:44
Time after/before HT [MET]:	6:54
Coordinates [UTM-ED50] Easting:	588813
Coordinates [UTM-ED50] Northing:	5684323
Water-Bottom Interface Siltpr. [m TAW]:	-14.15
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	4.87

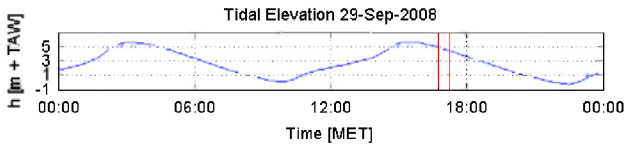
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.58	17.3	NaN	45
3.57	17.4	11.6	45
2.63	17.3	11.5	45
1.75	17.3	11.7	45
0.92	17.3	12.1	48
-0.02	17.3	12.3	46
-0.95	17.3	12.5	47
-1.94	17.3	12.6	54
-2.79	17.2	12.8	67
-3.59	17.2	12.9	72
-4.37	17.2	13.0	74
-5.21	17.2	13.1	79
-6.16	17.2	13.2	83
-7.03	17.1	13.3	87
-7.93	17.1	13.3	88
-8.77	17.1	13.4	93
-9.58	17.1	13.4	91
-10.42	17.1	13.4	94
-11.30	17.1	13.4	98
-12.11	17.0	13.4	99
-13.00	17.0	13.4	116
-13.83	17.0	13.4	134
-14.15	17.0	13.4	86
Depth Avg	**17.2**	**12.8**	**74**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:14
Time after/before HT [MET]:	7:24
Coordinates [UTM-ED50] Easting:	588808
Coordinates [UTM-ED50] Northing:	5684339
Water-Bottom Interface Siltpr. [m TAW]:	-13.92
Waterdepth 210 kHz Echo [m TAW]:	-13.21
Waterdepth 33 kHz Echo [m TAW]:	-13.41
Surface Elevation [m TAW]:	4.38

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.09	17.3	10.8	14
3.28	17.3	10.9	16
2.52	17.3	10.9	21
1.76	17.3	11.1	22
0.85	17.4	11.3	21
-0.04	17.3	11.6	27
-0.90	17.3	11.9	27
-1.76	17.3	12.0	27
-2.70	17.3	12.2	26
-3.58	17.3	12.3	31
-4.52	17.3	12.3	30
-5.40	17.3	12.5	31
-6.23	17.3	12.5	33
-7.12	17.2	12.5	32
-8.05	17.2	12.7	34
-8.92	17.2	12.8	34
-9.85	17.2	12.9	38
-10.69	17.1	13.0	41
-11.54	17.1	13.1	57
-12.38	17.1	13.1	61
-13.24	17.1	13.1	97
-13.92	17.1	13.1	103
-13.92	17.1	13.1	209
Depth Avg	**17.2**	**12.2**	**35**



Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

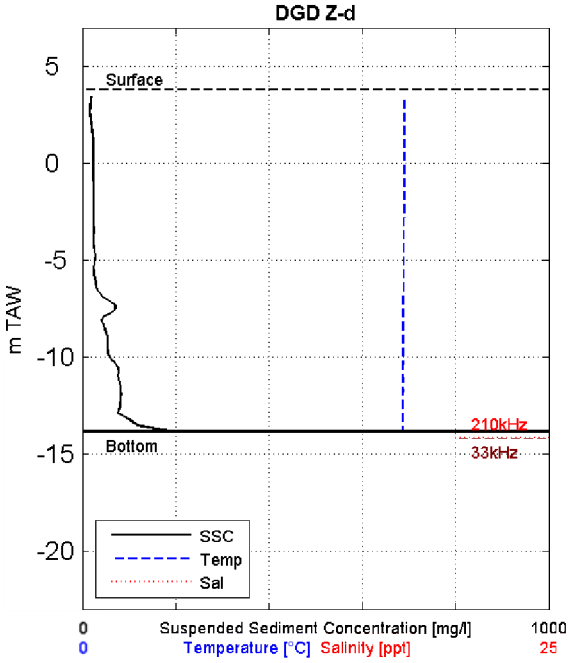
Through tide measurements Siltprofiler DGD Summer 2008

11283

Sourcefile(s):
8326 Zd_ctd.sil

Equipment(s):
SiltProfiler & CTD-Diver

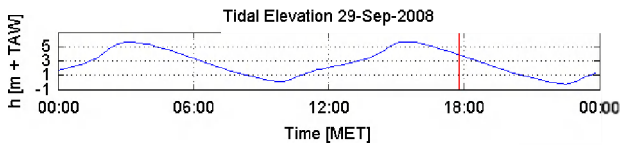
Location:
Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:47
Time after/before HT [MET]:	7:57
Coordinates [UTM-ED50] Easting:	588814
Coordinates [UTM-ED50] Northing:	5684339
Water-Bottom Interface Siltpr. [m TAW]:	-13.84
Waterdepth 210 kHz Echo [m TAW]:	-14.13
Waterdepth 33 kHz Echo [m TAW]:	-14.19
Surface Elevation [m TAW]:	3.83

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.51	17.2	NaN	18
2.68	17.2	NaN	18
1.87	17.2	NaN	19
0.98	17.2	NaN	23
0.00	17.2	NaN	22
-0.93	17.2	NaN	23
-1.80	17.2	NaN	23
-2.76	17.2	NaN	24
-3.66	17.2	NaN	22
-4.45	17.2	NaN	26
-5.19	17.2	NaN	24
-6.05	17.2	NaN	28
-6.89	17.2	NaN	40
-7.69	17.2	NaN	67
-8.51	17.2	NaN	49
-9.29	17.1	NaN	54
-10.05	17.1	NaN	59
-10.84	17.2	NaN	75
-11.58	17.2	NaN	82
-12.29	17.2	NaN	82
-13.05	17.1	NaN	80
-13.77	17.1	NaN	89
-13.84	17.2	NaN	330
Depth Avg	**17.2**	**NaN**	**43**



Data Processed by: IMDC

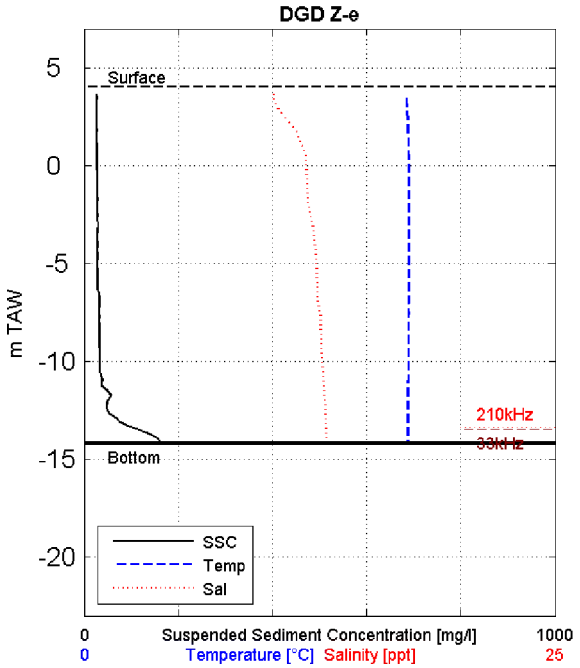
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

F.15 Location Ze

Through tide measurements Siltprofiler DGD Summer 2008

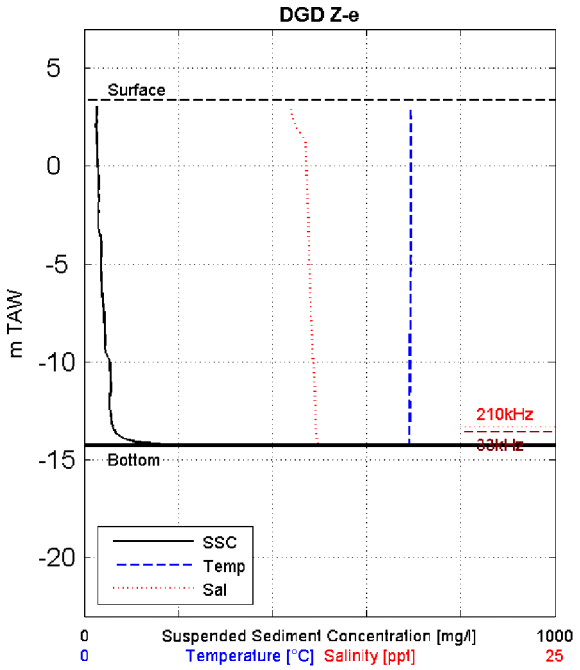
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8014 Ze_ctd.sil 8029 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 05:20
Time after/before HT [MET]:	2:10
Coordinates [UTM-ED50] Easting:	588857
Coordinates [UTM-ED50] Northing:	5684429
Water-Bottom Interface Siltpr. [m TAW]:	-14.20
Waterdepth 210 kHz Echo [m TAW]:	-13.37
Waterdepth 33 kHz Echo [m TAW]:	-13.46
Surface Elevation [m TAW]:	4.04

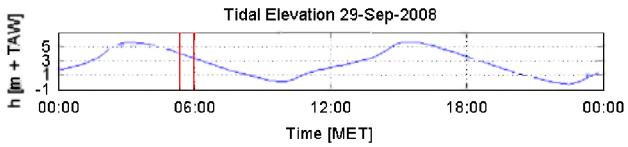
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.72	17.1	10.1	26
2.76	17.1	10.4	26
1.88	17.2	11.2	26
0.97	17.2	11.6	26
0.05	17.2	11.8	27
-0.93	17.3	11.8	27
-1.86	17.3	11.9	28
-2.80	17.2	12.1	28
-3.65	17.2	12.2	28
-4.52	17.2	12.3	30
-5.42	17.2	12.3	28
-6.26	17.2	12.3	28
-7.07	17.2	12.4	33
-7.89	17.2	12.5	31
-8.75	17.2	12.6	32
-9.58	17.2	12.6	33
-10.34	17.1	12.6	35
-11.15	17.2	12.7	37
-11.89	17.1	12.8	51
-12.68	17.2	12.8	49
-13.44	17.2	12.8	110
-14.15	17.2	12.9	163
-14.20	17.2	12.9	164
Depth Avg	**17.2**	**12.1**	**38**



Siltprofiler

Date & Time [MET]:	29/9/2008 05:58
Time after/before HT [MET]:	2:48
Coordinates [UTM-ED50] Easting:	588867
Coordinates [UTM-ED50] Northing:	5684427
Water-Bottom Interface Siltpr. [m TAW]:	-14.30
Waterdepth 210 kHz Echo [m TAW]:	-13.35
Waterdepth 33 kHz Echo [m TAW]:	-13.56
Surface Elevation [m TAW]:	3.38

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.10	17.3	NaN	26
2.31	17.3	11.1	27
1.55	17.3	11.6	26
0.83	17.3	11.8	26
0.03	17.3	11.8	30
-0.73	17.3	11.8	31
-1.64	17.3	11.8	32
-2.48	17.3	11.9	30
-3.37	17.3	11.9	32
-4.22	17.3	11.9	38
-5.04	17.3	11.9	35
-5.92	17.3	12.0	39
-6.76	17.3	12.0	39
-7.64	17.3	12.0	44
-8.55	17.3	12.1	43
-9.46	17.3	12.1	45
-10.35	17.3	12.2	54
-11.23	17.3	12.2	57
-12.11	17.3	12.2	53
-12.95	17.3	12.3	58
-13.79	17.3	12.3	75
-14.25	17.3	12.5	107
-14.30	17.3	12.5	448
Depth Avg	**17.3**	**11.9**	**41**



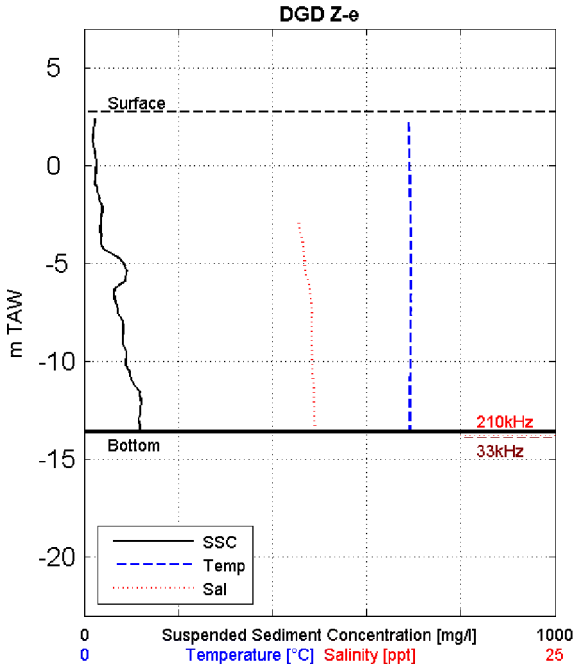
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

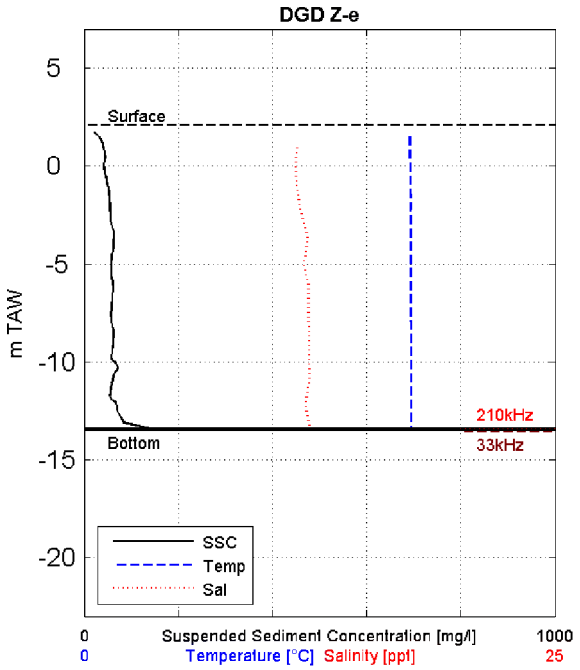
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8045 Ze_ctd.sil 8060 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 06:33
Time after/before HT [MET]:	3:23
Coordinates [UTM-ED50] Easting:	588892
Coordinates [UTM-ED50] Northing:	5684414
Water-Bottom Interface Siltpr. [m TAW]:	-13.58
Waterdepth 210 kHz Echo [m TAW]:	-13.80
Waterdepth 33 kHz Echo [m TAW]:	-13.88
Surface Elevation [m TAW]:	2.73

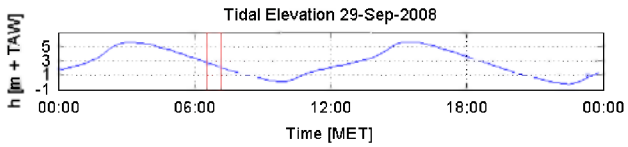
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.43	17.2	NaN	23
1.66	17.2	NaN	20
0.80	17.3	NaN	21
-0.06	17.3	NaN	24
-1.00	17.3	NaN	25
-1.75	17.3	NaN	33
-2.56	17.3	NaN	35
-3.33	17.3	11.5	34
-4.12	17.3	11.6	38
-4.90	17.3	11.7	80
-5.68	17.3	11.8	88
-6.45	17.3	12.0	64
-7.19	17.3	12.1	70
-7.93	17.3	12.1	82
-8.64	17.3	12.0	82
-9.33	17.3	12.1	88
-10.08	17.3	12.1	88
-10.80	17.3	12.1	99
-11.48	17.3	12.2	118
-12.17	17.3	12.2	120
-12.87	17.3	12.2	116
-13.48	17.3	12.2	119
-13.58	17.3	12.2	121
Depth Avg	**17.3**	**11.8**	**63**



Siltprofiler

Date & Time [MET]:	29/9/2008 07:10
Time after/before HT [MET]:	4:00
Coordinates [UTM-ED50] Easting:	588837
Coordinates [UTM-ED50] Northing:	5684419
Water-Bottom Interface Siltpr. [m TAW]:	-13.46
Waterdepth 210 kHz Echo [m TAW]:	-13.43
Waterdepth 33 kHz Echo [m TAW]:	-13.56
Surface Elevation [m TAW]:	2.06

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.76	17.3	NaN	20
0.92	17.3	11.3	42
0.09	17.3	11.2	40
-0.75	17.3	11.3	45
-1.54	17.3	11.4	52
-2.54	17.3	11.6	56
-3.43	17.3	11.8	63
-4.26	17.3	11.8	62
-5.05	17.3	11.7	57
-5.86	17.3	11.8	60
-6.65	17.3	11.9	58
-7.53	17.3	11.9	56
-8.39	17.4	11.9	64
-9.15	17.3	11.9	59
-10.01	17.4	11.9	63
-10.80	17.3	11.9	60
-11.61	17.3	11.8	55
-12.33	17.4	11.8	69
-13.12	17.4	11.9	83
-13.38	17.3	12.0	42
-13.39	17.4	12.0	397
-13.43	17.3	12.0	116
-13.46	17.4	12.0	110
Depth Avg	**17.3**	**11.7**	**57**



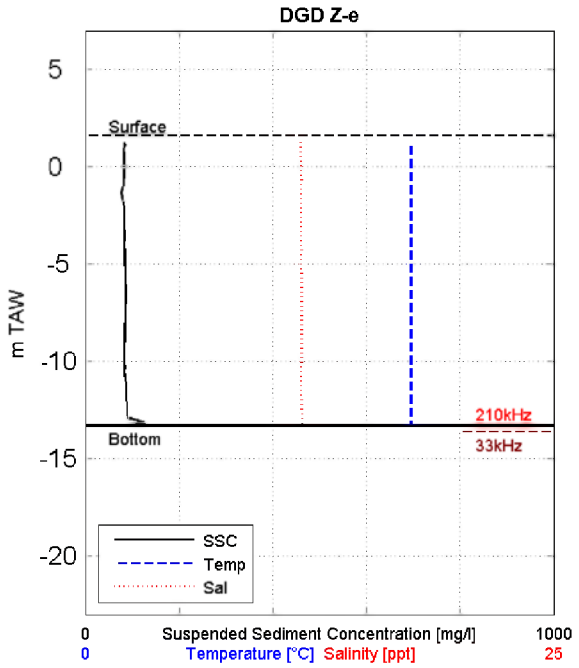
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

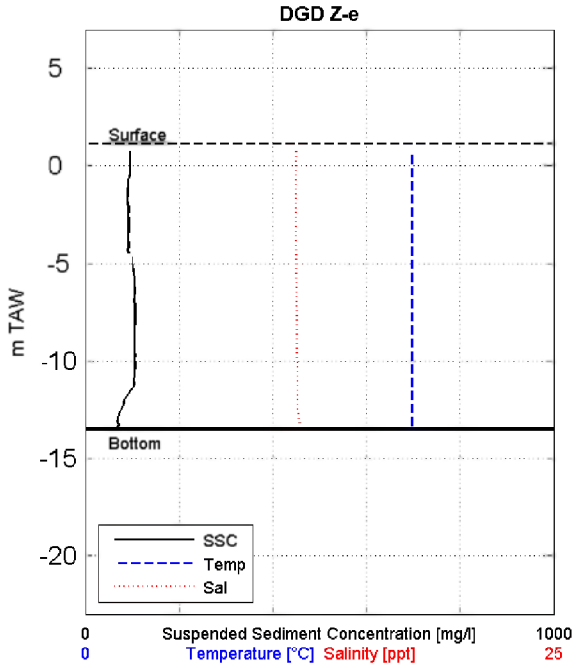
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8075 Ze_ctd.sil 8090 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 07:39
Time after/before HT [MET]:	4:29
Coordinates [UTM-ED50] Easting:	588838
Coordinates [UTM-ED50] Northing:	5684430
Water-Bottom Interface Siltpr. [m TAW]:	-13.29
Waterdepth 210 kHz Echo [m TAW]:	-13.43
Waterdepth 33 kHz Echo [m TAW]:	-13.61
Surface Elevation [m TAW]:	1.58

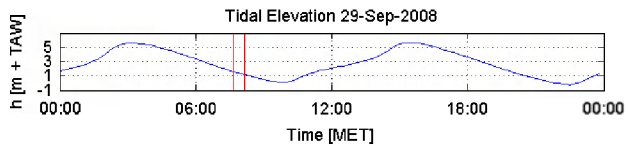
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.28	17.4	11.5	82
0.57	17.4	11.5	82
-0.21	17.4	11.5	84
-0.97	17.4	11.5	81
-1.79	17.4	11.5	82
-2.67	17.4	11.5	82
-3.38	17.4	11.5	85
-4.12	17.4	11.5	82
-4.86	17.4	11.5	85
-5.64	17.4	11.5	83
-6.36	17.4	11.5	85
-7.10	17.4	11.5	84
-7.86	17.4	11.5	86
-8.64	17.4	11.5	85
-9.48	17.4	11.6	83
-10.27	17.4	11.5	79
-11.05	17.4	11.5	88
-11.83	17.4	11.5	87
-12.60	17.4	11.6	89
-13.19	17.4	11.6	40
-13.22	17.4	11.6	178
-13.24	17.4	11.6	56
-13.29	17.4	11.6	54
Depth Avg	**17.4**	**11.5**	**85**



Siltprofiler

Date & Time [MET]:	29/9/2008 08:10
Time after/before HT [MET]:	5:00
Coordinates [UTM-ED50] Easting:	588831
Coordinates [UTM-ED50] Northing:	5684413
Water-Bottom Interface Siltpr. [m TAW]:	-13.54
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	1.11

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.80	17.4	11.2	95
0.09	17.5	11.2	96
-0.60	17.4	11.2	92
-1.26	17.4	11.2	90
-1.92	17.4	11.2	91
-2.58	17.4	11.2	92
-3.27	17.4	11.2	94
-3.98	17.4	11.2	95
-4.65	17.4	11.2	98
-5.32	17.5	11.2	103
-6.03	17.4	11.3	107
-6.69	17.4	11.3	104
-7.45	17.4	11.3	107
-8.14	17.5	11.3	106
-8.87	17.4	11.3	106
-9.49	17.5	11.3	106
-10.20	17.5	11.3	107
-10.92	17.4	11.3	104
-11.56	17.4	11.3	94
-12.25	17.4	11.3	82
-12.95	17.4	11.4	69
-13.47	17.4	11.5	60
-13.54	17.4	11.5	59
Depth Avg	**17.5**	**11.3**	**96**



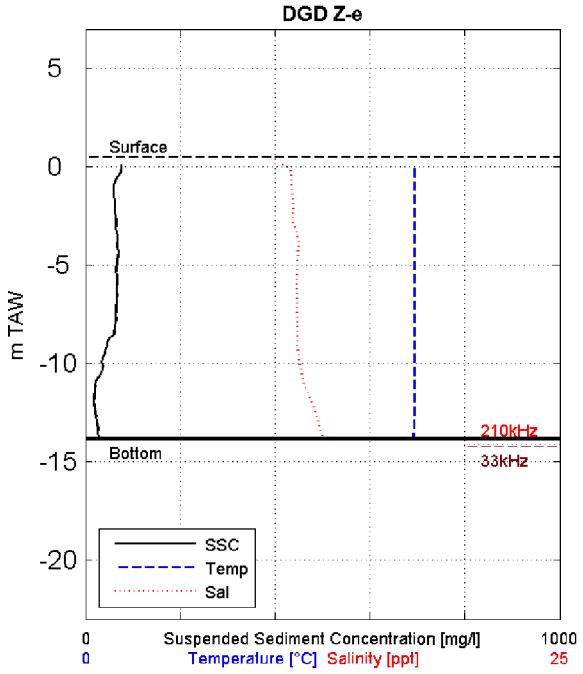
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

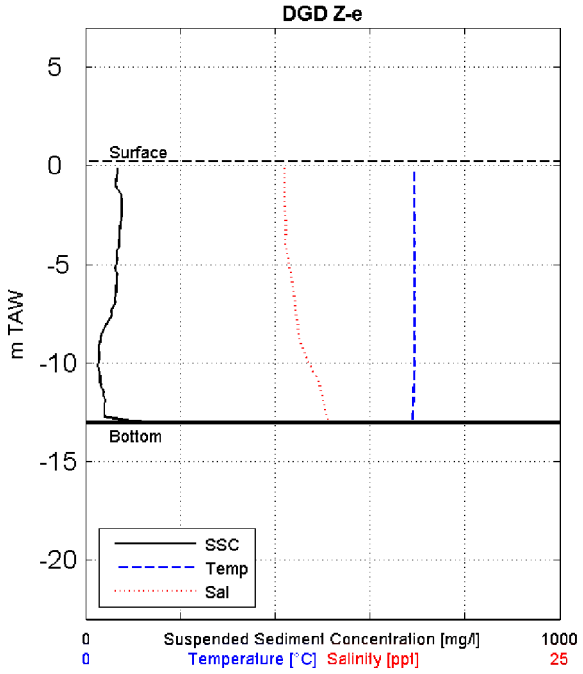
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8110 Ze_ctd.sil 8125 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 09:00
Time after/before HT [MET]:	5:50
Coordinates [UTM-ED50] Easting:	588859
Coordinates [UTM-ED50] Northing:	5684420
Water-Bottom Interface Siltpr. [m TAW]:	-13.85
Waterdepth 210 kHz Echo [m TAW]:	-14.12
Waterdepth 33 kHz Echo [m TAW]:	-14.23
Surface Elevation [m TAW]:	0.50

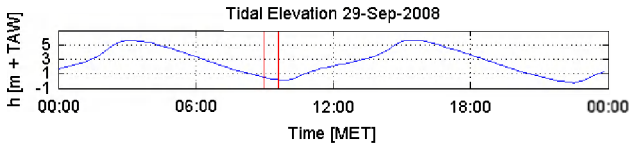
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.18	17.3	10.2	75
-0.41	17.3	10.8	70
-1.05	17.3	10.9	59
-1.66	17.3	10.9	63
-2.37	17.3	10.9	63
-3.04	17.3	11.0	62
-3.71	17.3	11.2	65
-4.46	17.3	11.2	68
-5.23	17.3	11.1	64
-5.92	17.3	11.1	65
-6.68	17.3	11.1	66
-7.41	17.3	11.2	65
-8.01	17.3	11.2	63
-8.72	17.3	11.2	51
-9.36	17.3	11.2	41
-10.09	17.3	11.3	37
-10.78	17.3	11.4	26
-11.49	17.3	11.7	19
-12.25	17.3	12.1	19
-13.00	17.3	12.3	24
-13.70	17.3	12.5	26
-13.78	17.3	12.5	28
-13.85	17.3	12.5	26
Depth Avg	**17.3**	**11.3**	**52**



Siltprofiler

Date & Time [MET]:	29/9/2008 09:35
Time after/before HT [MET]:	6:25
Coordinates [UTM-ED50] Easting:	588844
Coordinates [UTM-ED50] Northing:	5684419
Water-Bottom Interface Siltpr. [m TAW]:	-13.03
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	0.19

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.10	17.3	10.5	67
-0.82	17.3	10.5	65
-1.53	17.3	10.4	76
-2.26	17.3	10.5	77
-3.02	17.3	10.5	73
-3.74	17.3	10.5	70
-4.40	17.3	10.6	64
-5.07	17.3	10.7	62
-5.71	17.3	10.9	65
-6.30	17.3	11.0	64
-6.99	17.3	11.0	62
-7.60	17.3	11.1	54
-8.24	17.3	11.2	38
-8.97	17.3	11.4	31
-9.64	17.3	11.6	28
-10.32	17.3	11.9	30
-11.01	17.3	12.3	31
-11.70	17.3	12.5	40
-12.36	17.2	12.6	40
-12.93	17.2	12.8	41
-12.98	17.3	12.8	40
-13.01	17.2	12.8	41
-13.03	17.2	12.8	179
Depth Avg	**17.3**	**11.2**	**55**



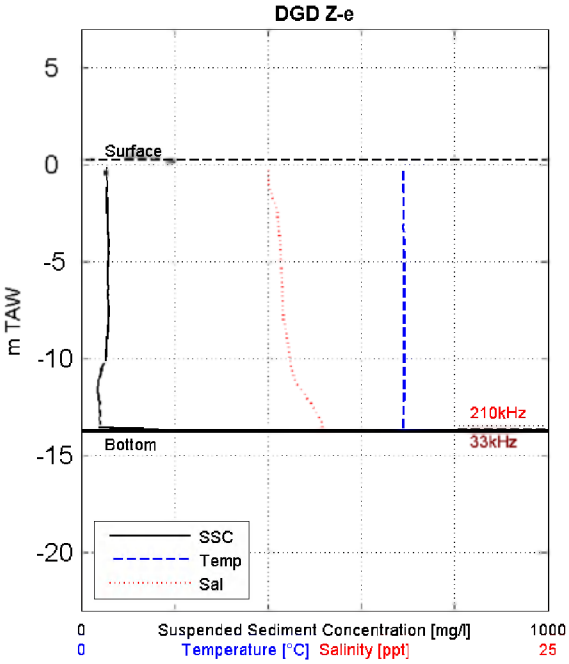
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

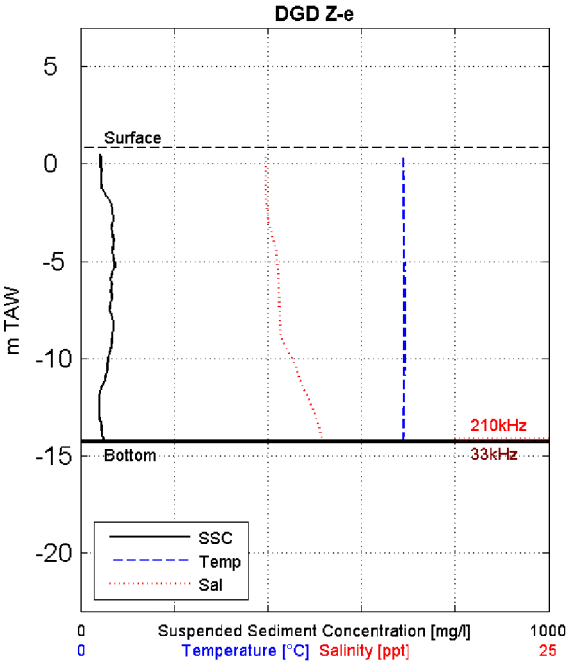
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8140 Ze_ctd.sil 8155 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 10:09
Time after/before HT [MET]:	0:19
Coordinates [UTM-ED50] Easting:	588842
Coordinates [UTM-ED50] Northing:	5684413
Water-Bottom Interface Siltpr. [m TAW]:	-13.73
Waterdepth 210 kHz Echo [m TAW]:	-13.46
Waterdepth 33 kHz Echo [m TAW]:	-13.58
Surface Elevation [m TAW]:	0.23

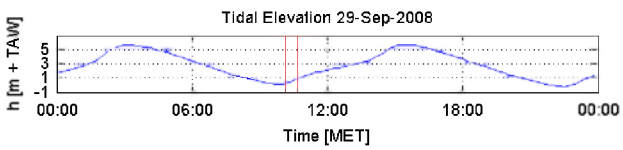
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.06	17.2	NaN	53
-0.70	17.2	10.0	54
-1.35	17.2	10.1	54
-2.01	17.3	10.4	55
-2.79	17.3	10.5	55
-3.53	17.3	10.6	56
-4.32	17.3	10.7	58
-5.05	17.3	10.7	58
-5.70	17.3	10.7	56
-6.33	17.3	10.7	58
-7.00	17.3	10.8	58
-7.73	17.3	10.8	58
-8.40	17.3	10.9	56
-9.04	17.3	11.0	54
-9.70	17.3	11.1	51
-10.38	17.3	11.2	44
-11.08	17.3	11.4	35
-11.79	17.3	11.9	36
-12.47	17.3	12.4	37
-13.11	17.3	12.8	38
-13.61	17.3	12.9	221
-13.68	17.2	12.9	43
-13.73	17.2	12.9	160
Depth Avg	**17.3**	**11.0**	**52**



Siltprofiler

Date & Time [MET]:	29/9/2008 10:40
Time after/before HT [MET]:	0:50
Coordinates [UTM-ED50] Easting:	588860
Coordinates [UTM-ED50] Northing:	5684414
Water-Bottom Interface Siltpr. [m TAW]:	-14.28
Waterdepth 210 kHz Echo [m TAW]:	-14.12
Waterdepth 33 kHz Echo [m TAW]:	-14.23
Surface Elevation [m TAW]:	0.84

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.56	17.2	NaN	40
-0.28	17.2	9.9	46
-1.14	17.2	9.9	45
-1.84	17.2	9.9	63
-2.68	17.2	10.0	69
-3.40	17.3	10.1	66
-4.20	17.3	10.4	68
-4.87	17.3	10.5	69
-5.58	17.3	10.5	68
-6.24	17.3	10.6	65
-6.96	17.3	10.6	66
-7.70	17.3	10.6	65
-8.48	17.3	10.6	70
-9.31	17.3	10.9	66
-10.00	17.3	11.3	59
-10.69	17.3	11.6	56
-11.41	17.2	11.8	45
-12.14	17.2	12.2	39
-12.91	17.2	12.5	39
-13.55	17.3	12.8	46
-14.16	17.2	12.9	48
-14.25	17.2	12.9	49
-14.28	17.2	12.9	48
Depth Avg	**17.3**	**10.8**	**57**



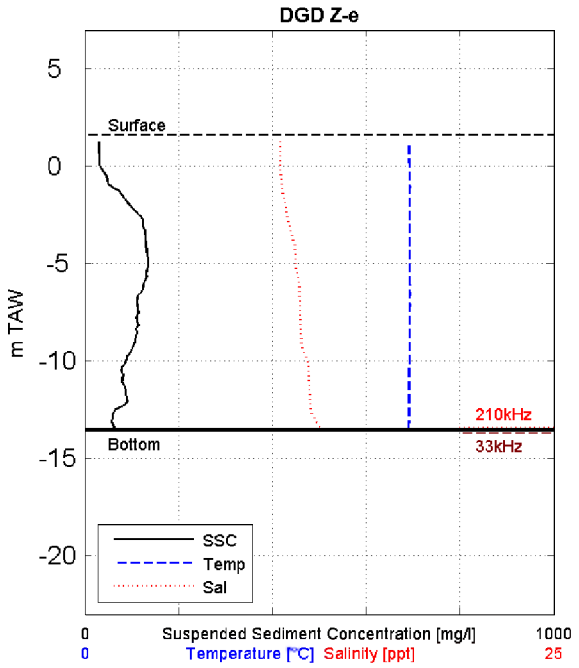
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

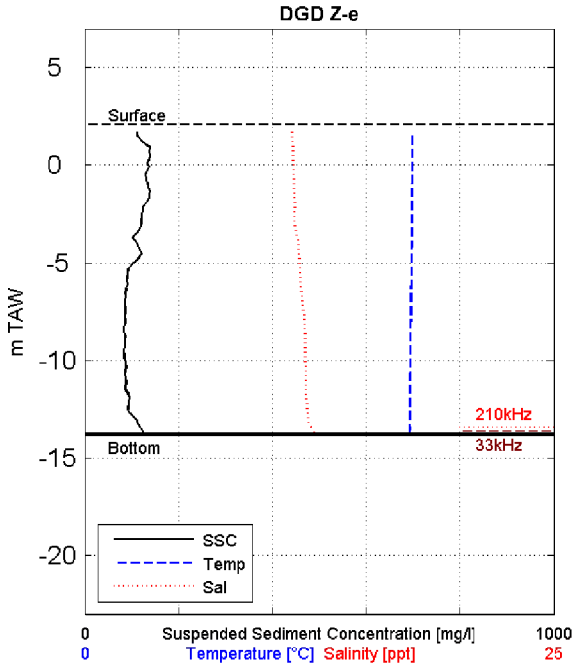
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8170 Ze_ctd.sil 8185 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 11:19
Time after/before HT [MET]:	1:29
Coordinates [UTM-ED50] Easting:	588848
Coordinates [UTM-ED50] Northing:	5684390
Water-Bottom Interface Siltpr. [m TAW]:	-13.57
Waterdepth 210 kHz Echo [m TAW]:	-13.42
Waterdepth 33 kHz Echo [m TAW]:	-13.68
Surface Elevation [m TAW]:	1.60

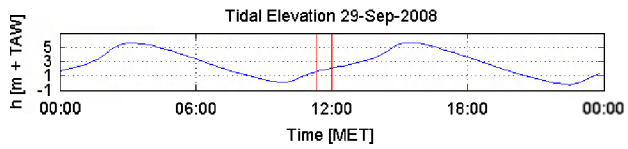
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.32	17.3	10.4	31
0.66	17.3	10.4	32
0.04	17.3	10.4	32
-0.60	17.3	10.5	48
-1.23	17.3	10.5	69
-1.90	17.3	10.7	94
-2.59	17.3	10.8	121
-3.35	17.3	11.0	130
-4.08	17.3	11.2	129
-4.80	17.3	11.2	136
-5.48	17.4	11.3	132
-6.10	17.3	11.4	121
-6.83	17.3	11.4	110
-7.57	17.3	11.5	115
-8.31	17.3	11.5	108
-9.14	17.3	11.5	106
-9.91	17.3	11.8	90
-10.81	17.3	11.9	82
-11.68	17.3	12.0	88
-12.47	17.3	12.0	66
-13.32	17.3	12.5	60
-13.57	17.2	12.6	72
-13.57	17.2	12.6	72
Depth Avg	**17.3**	**11.3**	**92**



Siltprofiler

Date & Time [MET]:	29/9/2008 11:59
Time after/before HT [MET]:	2:09
Coordinates [UTM-ED50] Easting:	588859
Coordinates [UTM-ED50] Northing:	5684382
Water-Bottom Interface Siltpr. [m TAW]:	-13.79
Waterdepth 210 kHz Echo [m TAW]:	-13.43
Waterdepth 33 kHz Echo [m TAW]:	-13.62
Surface Elevation [m TAW]:	2.08

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.77	17.4	11.1	112
1.10	17.4	11.1	128
0.44	17.4	11.1	140
-0.30	17.4	11.1	130
-0.99	17.4	11.1	134
-1.63	17.4	11.2	136
-2.41	17.4	11.2	121
-3.18	17.4	11.2	118
-4.03	17.4	11.4	112
-4.80	17.4	11.4	111
-5.54	17.4	11.5	92
-6.25	17.4	11.5	90
-7.01	17.4	11.6	86
-7.85	17.4	11.7	86
-8.70	17.3	11.7	88
-9.49	17.3	11.7	83
-10.26	17.4	11.7	88
-11.06	17.4	11.8	91
-12.00	17.3	11.8	94
-12.91	17.3	11.9	105
-13.70	17.3	12.2	121
-13.74	17.3	12.3	214
-13.79	17.3	12.3	172
Depth Avg	**17.4**	**11.5**	**106**



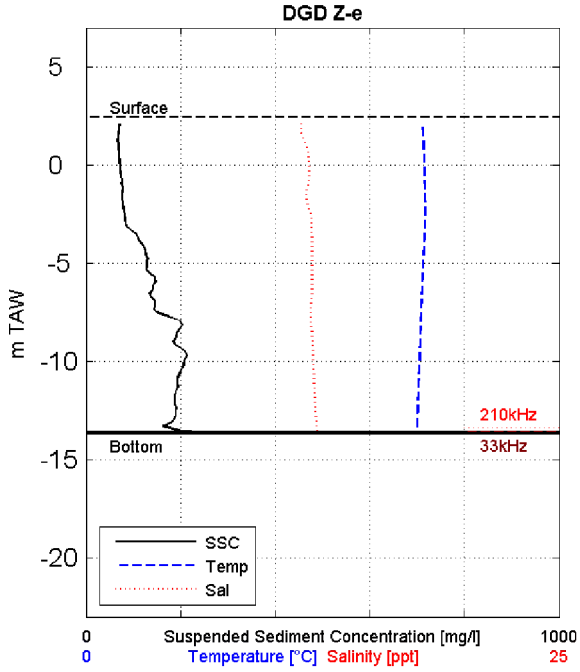
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

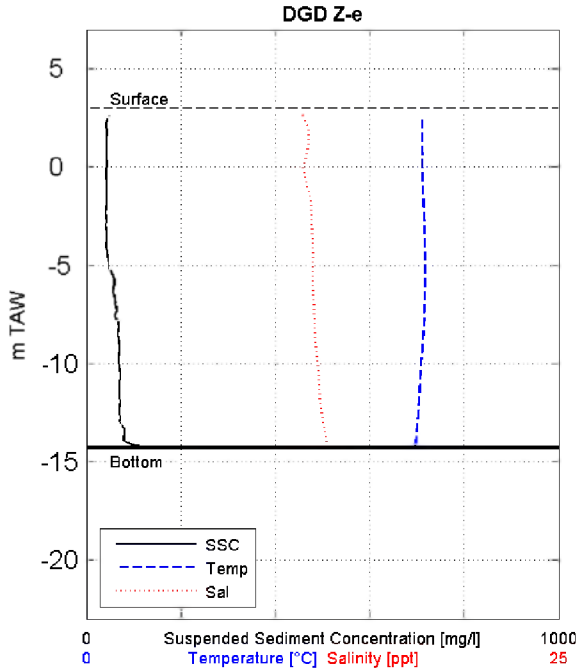
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8200 Ze_ctd.sil 8220 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 12:34
Time after/before HT [MET]:	2:44
Coordinates [UTM-ED50] Easting:	588883
Coordinates [UTM-ED50] Northing:	5684410
Water-Bottom Interface Siltpr. [m TAW]:	-13.64
Waterdepth 210 kHz Echo [m TAW]:	-13.38
Waterdepth 33 kHz Echo [m TAW]:	-13.56
Surface Elevation [m TAW]:	2.46

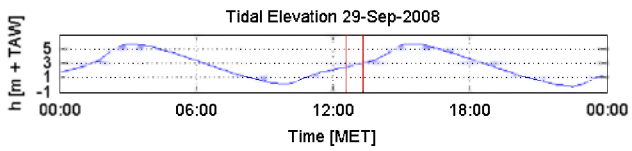
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.17	17.8	11.4	73
1.38	17.8	11.5	66
0.59	17.9	11.7	66
-0.20	17.9	11.8	73
-1.06	17.9	11.7	77
-1.91	17.9	11.7	77
-2.77	17.9	11.9	83
-3.64	17.9	11.9	110
-4.49	17.9	11.9	124
-5.36	17.8	11.9	129
-6.16	17.7	11.9	142
-6.95	17.7	11.9	149
-7.66	17.7	11.8	175
-8.45	17.7	11.9	194
-9.21	17.6	12.0	193
-10.02	17.6	12.0	204
-10.84	17.6	12.0	193
-11.65	17.5	12.1	186
-12.55	17.5	12.1	190
-13.32	17.5	12.2	158
-13.56	17.4	12.2	165
-13.59	17.4	12.2	154
-13.64	17.4	12.2	333
Depth Avg	**17.7**	**11.9**	**134**



Siltprofiler

Date & Time [MET]:	29/9/2008 13:19
Time after/before HT [MET]:	3:29
Coordinates [UTM-ED50] Easting:	588881
Coordinates [UTM-ED50] Northing:	5684393
Water-Bottom Interface Siltpr. [m TAW]:	-14.31
Waterdepth 210 kHz Echo [m TAW]:	NaN
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	2.99

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.64	17.7	11.4	47
1.71	17.8	11.8	41
0.55	17.8	11.6	41
-0.33	17.8	11.5	41
-1.36	17.8	11.8	42
-2.34	17.9	11.9	36
-3.32	17.9	11.9	43
-4.21	17.9	12.0	43
-5.09	17.9	12.0	47
-5.90	17.9	11.9	56
-6.77	17.9	12.0	59
-7.60	17.9	12.1	58
-8.37	17.8	12.1	67
-9.10	17.8	12.1	71
-9.87	17.7	12.2	67
-10.70	17.7	12.3	72
-11.56	17.6	12.3	69
-12.42	17.6	12.4	68
-13.18	17.5	12.6	76
-14.01	17.4	12.7	78
-14.22	17.4	12.7	62
-14.26	17.3	12.8	179
-14.31	17.3	12.8	84
Depth Avg	**17.8**	**12.0**	**56**



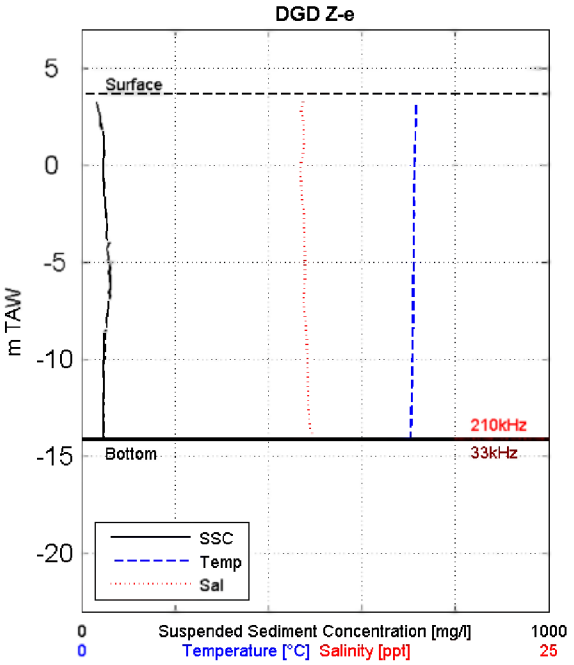
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

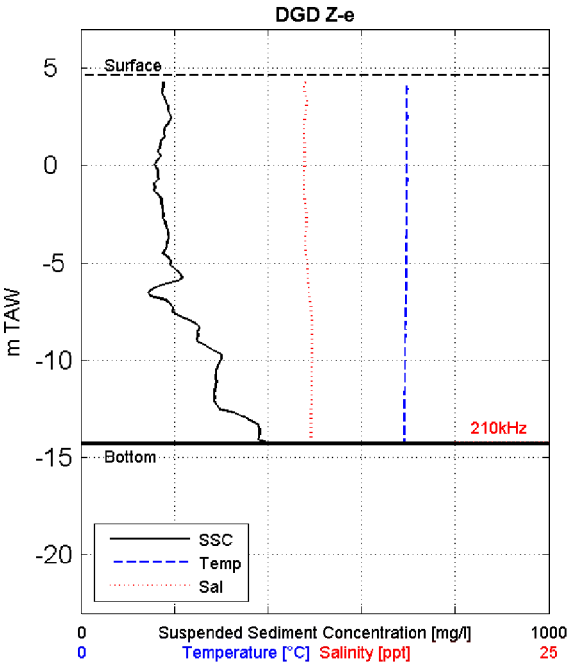
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8235 Ze_ctd.sil 8250 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 13:58
Time after/before HT [MET]:	4:08
Coordinates [UTM-ED50] Easting:	588877
Coordinates [UTM-ED50] Northing:	5684399
Water-Bottom Interface Siltpr. [m TAW]:	-14.14
Waterdepth 210 kHz Echo [m TAW]:	-14.06
Waterdepth 33 kHz Echo [m TAW]:	-14.12
Surface Elevation [m TAW]:	3.68

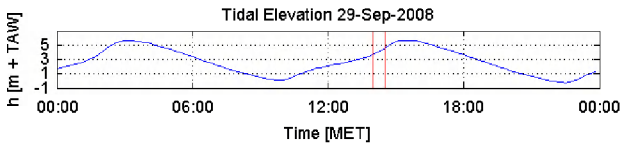
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.38	17.9	11.9	31
2.67	17.9	11.8	37
1.83	17.9	11.9	43
1.00	17.9	11.9	47
0.06	17.8	11.7	45
-0.92	17.8	11.7	49
-1.66	17.8	11.8	50
-2.47	17.8	11.9	51
-3.20	17.8	11.9	55
-4.01	17.8	11.9	58
-4.82	17.8	11.9	56
-5.61	17.7	11.9	58
-6.40	17.7	11.9	62
-7.36	17.7	11.9	57
-8.27	17.7	12.0	54
-9.17	17.7	12.0	47
-10.08	17.7	12.1	46
-11.16	17.7	12.1	47
-12.12	17.6	12.1	45
-13.14	17.6	12.2	44
-14.02	17.6	12.4	49
-14.09	17.5	12.4	51
-14.14	17.5	12.5	51
Depth Avg	**17.7**	**11.9**	**49**



Siltprofiler

Date & Time [MET]:	29/9/2008 14:31
Time after/before HT [MET]:	4:41
Coordinates [UTM-ED50] Easting:	588857
Coordinates [UTM-ED50] Northing:	5684418
Water-Bottom Interface Siltpr. [m TAW]:	-14.28
Waterdepth 210 kHz Echo [m TAW]:	-14.19
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	4.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.35	17.4	12.0	169
3.44	17.4	12.0	182
2.48	17.4	11.9	195
1.46	17.4	11.9	180
0.64	17.4	11.9	160
-0.20	17.4	11.9	164
-1.08	17.4	11.9	158
-1.92	17.4	12.0	173
-2.84	17.4	12.1	179
-3.75	17.4	12.0	187
-4.64	17.4	12.0	177
-5.52	17.4	12.1	212
-6.41	17.4	12.2	145
-7.37	17.4	12.3	195
-8.26	17.3	12.3	252
-9.12	17.3	12.4	252
-9.93	17.3	12.3	299
-10.79	17.3	12.3	288
-11.62	17.3	12.3	285
-12.48	17.3	12.3	295
-13.22	17.3	12.3	371
-14.06	17.3	12.3	371
-14.28	17.3	NaN	404
Depth Avg	**17.4**	**12.1**	**220**



Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

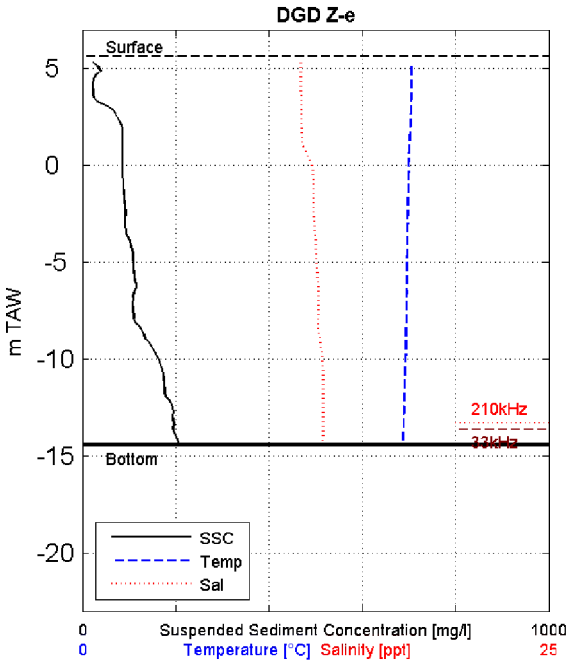
SiltProfiler & CTD-Diver

Sourcefile(s):

8265 Ze_ctd.sil
8280 Ze_ctd.sil

Location:

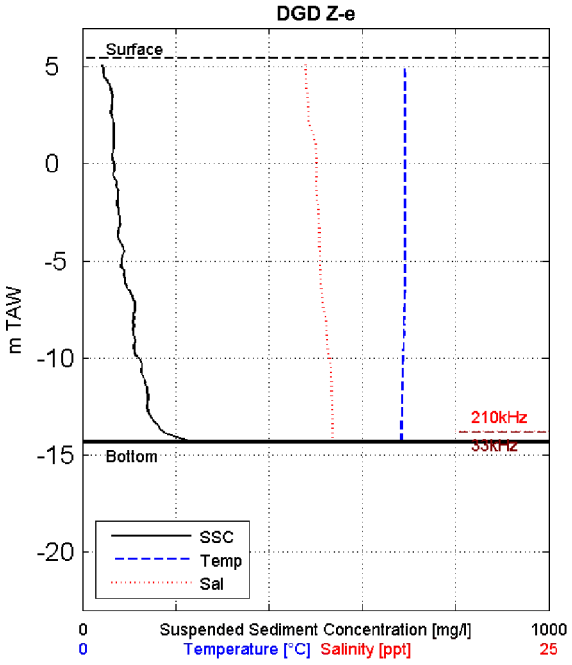
Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 15:15
Time after/before HT [MET]:	5:25
Coordinates [UTM-ED50] Easting:	588855
Coordinates [UTM-ED50] Northing:	5684416
Water-Bottom Interface Siltpr. [m TAW]:	-14.42
Waterdepth 210 kHz Echo [m TAW]:	-13.26
Waterdepth 33 kHz Echo [m TAW]:	-13.59
Surface Elevation [m TAW]:	5.61

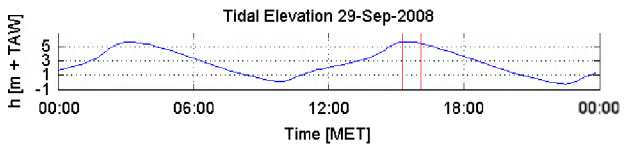
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.33	17.6	11.7	24
4.40	17.6	11.7	22
3.46	17.6	11.7	24
2.49	17.6	11.7	76
1.60	17.5	11.8	85
0.71	17.5	12.0	84
-0.22	17.5	12.4	85
-1.16	17.5	12.4	87
-2.04	17.4	12.4	91
-3.00	17.4	12.4	92
-3.98	17.4	12.5	103
-4.97	17.4	12.5	110
-5.97	17.4	12.6	113
-7.00	17.4	12.7	109
-7.96	17.4	12.6	110
-8.89	17.3	12.7	134
-9.80	17.3	12.8	161
-10.71	17.3	12.9	173
-11.57	17.3	12.9	177
-12.48	17.2	12.9	193
-13.39	17.2	12.9	195
-14.28	17.2	NaN	204
-14.42	17.2	NaN	208
Depth Avg	**17.4**	**12.4**	**111**



Siltprofiler

Date & Time [MET]:	29/9/2008 16:04
Time after/before HT [MET]:	6:14
Coordinates [UTM-ED50] Easting:	588874
Coordinates [UTM-ED50] Northing:	5684419
Water-Bottom Interface Siltpr. [m TAW]:	-14.34
Waterdepth 210 kHz Echo [m TAW]:	-13.74
Waterdepth 33 kHz Echo [m TAW]:	-13.79
Surface Elevation [m TAW]:	5.44

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.14	17.2	11.9	42
4.26	17.3	12.0	53
3.30	17.3	12.1	64
2.32	17.3	12.1	65
1.36	17.3	12.4	66
0.33	17.3	12.5	64
-0.65	17.3	12.5	67
-1.61	17.3	12.6	75
-2.70	17.3	12.7	79
-3.70	17.3	12.7	76
-4.71	17.3	12.7	86
-5.79	17.3	12.7	89
-6.80	17.2	12.8	106
-7.91	17.3	13.0	110
-8.96	17.2	13.1	110
-10.07	17.2	13.2	123
-11.10	17.1	13.3	132
-12.16	17.1	13.4	140
-13.22	17.1	13.4	150
-14.20	17.1	NaN	226
-14.27	17.1	NaN	227
-14.30	17.1	NaN	231
-14.34	17.1	NaN	233
Depth Avg	**17.2**	**12.7**	**94**



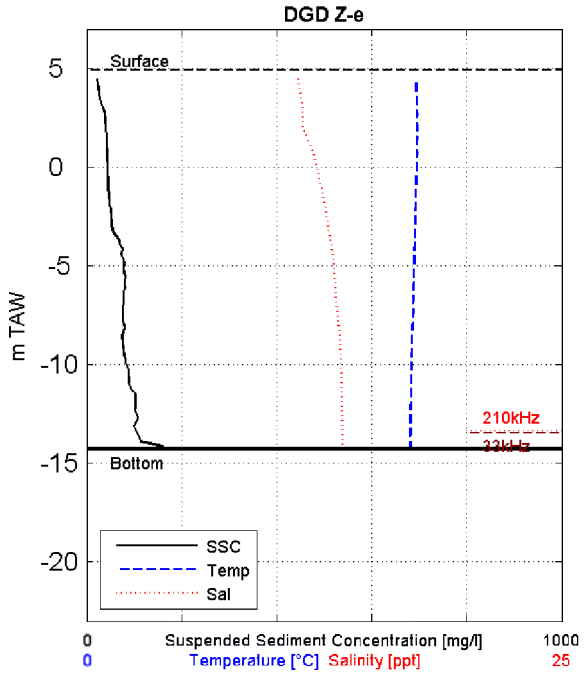
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

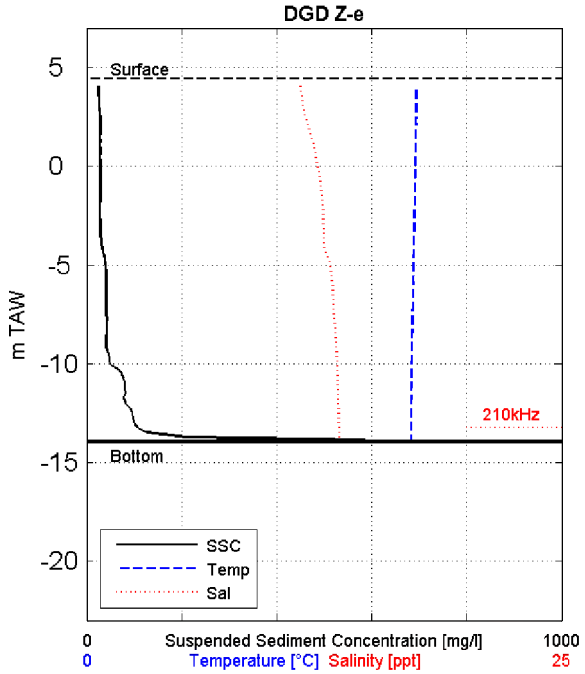
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8295 Ze_ctd.sil 8310 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 16:42
Time after/before HT [MET]:	6:52
Coordinates [UTM-ED50] Easting:	588869
Coordinates [UTM-ED50] Northing:	5684399
Water-Bottom Interface Siltpr. [m TAW]:	-14.28
Waterdepth 210 kHz Echo [m TAW]:	-13.37
Waterdepth 33 kHz Echo [m TAW]:	-13.45
Surface Elevation [m TAW]:	4.90

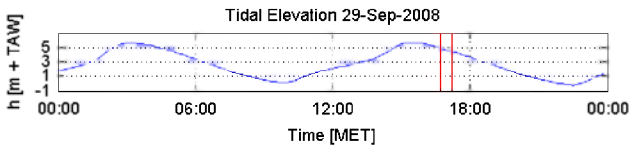
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.60	17.3	11.1	21
3.79	17.4	11.2	25
2.81	17.4	11.3	37
1.80	17.4	11.5	40
0.77	17.4	11.9	43
-0.41	17.3	12.2	44
-1.42	17.3	12.4	45
-2.31	17.3	12.6	51
-3.39	17.3	12.8	59
-4.40	17.2	12.9	72
-5.43	17.2	13.0	80
-6.53	17.2	13.1	77
-7.59	17.1	13.2	76
-8.57	17.1	13.3	73
-9.45	17.1	13.4	79
-10.37	17.1	13.4	88
-11.28	17.0	13.4	93
-12.14	17.1	13.4	104
-13.12	17.0	13.4	99
-14.03	17.1	13.5	119
-14.22	17.0	NaN	295
-14.25	17.0	NaN	117
-14.28	17.0	NaN	211
Depth Avg	**17.2**	**12.6**	**66**



Siltprofiler

Date & Time [MET]:	29/9/2008 17:12
Time after/before HT [MET]:	7:22
Coordinates [UTM-ED50] Easting:	588877
Coordinates [UTM-ED50] Northing:	5684416
Water-Bottom Interface Siltpr. [m TAW]:	-13.95
Waterdepth 210 kHz Echo [m TAW]:	-13.24
Waterdepth 33 kHz Echo [m TAW]:	NaN
Surface Elevation [m TAW]:	4.41

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.09	17.3	11.2	23
2.94	17.3	11.4	26
1.81	17.3	11.7	28
0.53	17.3	12.0	26
-0.75	17.3	12.3	28
-1.42	17.3	12.4	28
-1.59	17.2	12.4	28
-2.20	17.2	12.4	28
-3.09	17.3	12.4	29
-4.14	17.2	12.5	33
-5.30	17.2	12.8	41
-6.46	17.1	13.0	42
-7.63	17.1	13.0	43
-8.77	17.1	13.1	41
-9.92	17.1	13.2	47
-11.10	17.1	13.2	79
-12.16	17.1	13.2	88
-13.23	17.1	13.3	106
-13.85	17.0	13.3	733
-13.87	17.0	13.3	345
-13.88	17.0	13.3	2570
-13.93	17.1	13.3	204
-13.95	17.1	13.3	1004
Depth Avg	**17.2**	**12.6**	**48**



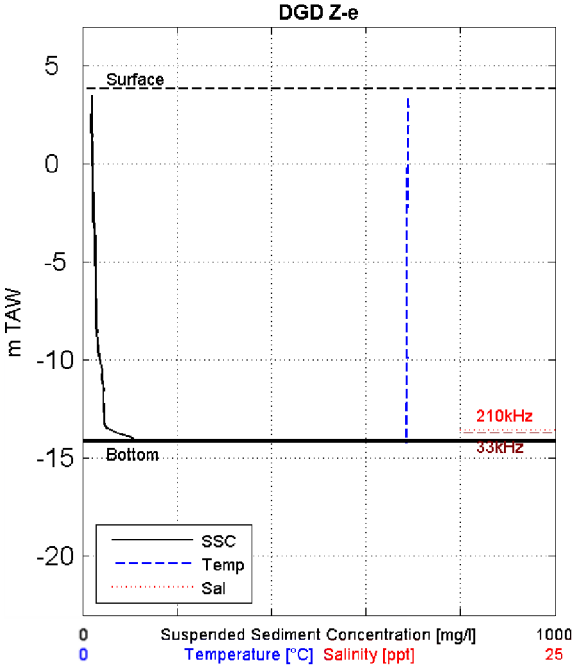
Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

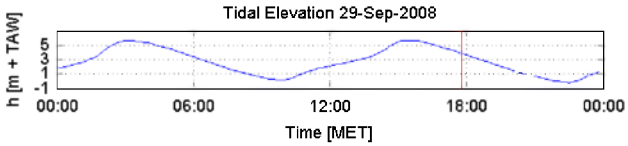
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 8325 Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]:	29/9/2008 17:46
Time after/before HT [MET]:	7:56
Coordinates [UTM-ED50] Easting:	588864
Coordinates [UTM-ED50] Northing:	5684419
Water-Bottom Interface Siltpr. [m TAW]:	-14.12
Waterdepth 210 kHz Echo [m TAW]:	-13.53
Waterdepth 33 kHz Echo [m TAW]:	-13.70
Surface Elevation [m TAW]:	3.85

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.53	17.2	NaN	19
2.55	17.2	NaN	18
1.64	17.2	NaN	19
0.73	17.2	NaN	22
-0.10	17.2	NaN	22
-1.01	17.2	NaN	22
-1.82	17.2	NaN	22
-2.59	17.2	NaN	23
-3.42	17.1	NaN	23
-4.31	17.1	NaN	27
-5.21	17.1	NaN	27
-6.03	17.1	NaN	27
-6.86	17.1	NaN	28
-7.68	17.1	NaN	28
-8.53	17.1	NaN	30
-9.29	17.1	NaN	32
-10.06	17.1	NaN	37
-10.84	17.2	NaN	40
-11.53	17.1	NaN	44
-12.27	17.1	NaN	44
-13.08	17.1	NaN	44
-13.91	17.1	NaN	97
-14.12	17.1	NaN	124
Depth Avg	**17.2**	**NaN**	**30**



Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

APPENDIX G.

DEPTH AVERAGE FIGURES AND TABLES

G.1 Tables

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8008Xa	1:55	5:05	17.2	12.4	54	17.4	11.7	33	17.1	13	74
8023Xa	2:32	5:42	17.3	12.1	47	17.3	11.7	30	17.2	12.6	65
8038Xa	3:06	6:16	17.1	12	50	17	11.4	29	17.2	12.6	72
8054Xa	3:46	6:56	17.3	12	60	17.3	11.7	33	17.3	12.4	87
8069Xa	4:18	7:28	17.3	11.7	60	17.2	11.5	42	17.3	11.9	77
8084Xa	4:47	7:57	17.3	11.9	40	17.3	11.7	33	17.3	12.2	48
8099Xa	5:17	8:27	17.3	11.6	30	17.2	11.1	26	17.3	12.1	34
8119Xa	6:09	9:19	17.3	12	44	17.3	11.5	53	17.3	12.4	34
8134Xa	-05:32	9:57	17.3	11.2	46	17.3	10.9	51	17.3	11.6	41
8149Xa	-05:03	10:26	17.2	11.1	45	17.2	10.5	48	17.2	11.6	42
8164Xa	-04:27	11:02	17.2	11.3	43	17.2	10.4	51	17.2	12.3	34
8179Xa	-03:45	11:44	17.3	11.7	54	17.3	11.1	68	17.3	12.2	40
8194Xa	-03:09	12:20	17.3	11.7	35	17.3	11.2	25	17.3	12.2	45
8214Xa	-02:23	13:06	17.3	12.1	49	17.3	11.5	43	17.2	12.7	56
8229Xa	-01:49	13:40	17.4	12.1	64	17.5	11.8	37	17.4	12.4	92
8244Xa	-01:10	14:19	17.5	11.9	29	17.5	11.6	24	17.5	12.2	34
8259Xa	-00:29	15:00	17.5	12	30	17.6	11.9	21	17.5	12.2	39
8274Xa	0:21	15:51	17.4	12.3	125	17.4	12.2	85	17.3	12.4	165
8289Xa	0:57	16:27	17.3	12.6	112	17.3	12.3	92	17.2	12.9	131
8300Xa	1:24	16:54	17.2	12.9	78	17.3	12.4	59	17.1	13.4	97
8304Xa	1:30	17:00	17.2	12.7	65	17.3	12.1	48	17.1	13.3	82
8319Xa	2:03	17:33	17.3	-	48	17.3	-	24	17.2	-	71
AVERAGE			**17.3**	**12.0**	**54.9**	**17.3**	**11.5**	**43.4**	**17.3**	**12.4**	**66.4**
8007Xb	1:53	5:03	17.2	12.3	52	17.3	11.6	38	17.1	13	67

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8022Xb	2:30	5:40	17.1	12.4	55	17.2	12	34	17.1	12.8	77
8037Xb	3:04	6:14	17.2	11.9	58	17.3	11.4	34	17.2	12.5	82
8053Xb	3:44	6:54	17.3	12	64	17.3	11.6	39	17.3	12.3	89
8068Xb	4:15	7:25	17.3	11.8	55	17.3	11.5	48	17.3	12	61
8083Xb	4:46	7:56	17.3	11.8	37	17.3	11.5	34	17.3	12.1	41
8098Xb	5:16	8:26	17.3	11.5	26	17.3	11.3	22	17.3	11.6	29
8118Xb	6:08	9:18	17.4	11.8	53	17.4	11.4	64	17.3	12.3	42
8133Xb	-05:34	9:55	17.3	11.1	50	17.3	10.8	55	17.3	11.5	45
8148Xb	-05:04	10:25	17.3	10.7	47	17.3	10.4	48	17.3	11	47
8163Xb	-04:30	10:59	16.9	11.1	46	16.8	9.9	52	17.1	12.3	40
8178Xb	-03:46	11:43	17.3	11.7	54	17.3	11.1	69	17.3	12.4	39
8193Xb	-03:11	12:18	17.3	11.4	47	17.3	10.9	51	17.3	11.8	42
8213Xb	-02:25	13:04	17.3	12	42	17.3	11.4	25	17.2	12.6	60
8228Xb	-01:50	13:39	17.3	12	36	17.3	11.8	24	17.3	12.3	48
8243Xb	-01:12	14:17	17.5	11.8	23	17.5	11.6	21	17.4	12.1	26
8258Xb	-00:31	14:58	17.4	12.2	27	17.5	11.8	22	17.4	12.5	32
8288Xb	0:55	16:25	17.3	12.6	104	17.3	12.4	103	17.2	12.8	105
8303Xb	1:28	16:58	17.2	12.7	58	17.3	12.3	49	17.1	13.2	67
8318Xb	2:01	17:31	17.2	-	48	17.3	-	29	17.1	-	68
AVERAGE			**17.3**	**11.8**	**49.1**	**17.3**	**11.4**	**43.1**	**17.2**	**12.3**	**55.4**
8006Xc	1:51	5:01	17.2	12.5	50	17.3	11.9	36	17.1	13.1	65
8021Xc	2:28	5:38	17	12.6	47	16.9	12.5	33	17.1	12.8	62
8036Xc	3:03	6:13	17.1	12.2	66	17.1	11.9	51	17.2	12.6	82
8052Xc	3:43	6:53	17.3	11.7	60	17.3	11.4	39	17.3	12	80
8067Xc	4:14	7:24	17.3	11.7	36	17.2	11.5	31	17.3	11.9	41

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8082Xc	4:44	7:54	17.3	11.8	29	17.3	11.7	31	17.3	11.9	27
8097Xc	5:14	8:24	17.4	11.3	74	17.4	11.1	88	17.4	11.5	59
8117Xc	6:06	9:16	17.3	11.3	97	17.3	10.8	55	17.3	11.9	137
8132Xc	-05:35	9:54	17.3	10.8	54	17.3	10.8	54	17.3	10.9	54
8147Xc	-05:06	10:23	17.3	10.4	49	17.3	10.3	46	17.3	10.5	52
8162Xc	-04:32	10:57	17.3	10.9	61	17.3	10.2	55	17.2	11.6	68
8177Xc	-03:48	11:41	17.3	11.6	77	17.3	11.3	94	17.3	11.9	60
8192Xc	-03:13	12:16	17.4	11.5	80	17.4	11.3	100	17.4	11.6	60
8212Xc	-02:28	13:01	17.3	11.8	50	17.3	11.4	32	17.3	12.3	68
8227Xc	-01:52	13:37	17.3	11.8	23	17.4	11.5	20	17.3	12.1	26
8242Xc	-01:14	14:15	17.6	12	45	17.6	11.9	51	17.5	12.1	39
8257Xc	-00:33	14:56	17.4	12	114	17.5	11.8	24	17.4	12.3	204
8272Xc	0:14	15:44	17.3	12.4	109	17.3	12.2	81	17.3	12.6	137
8287Xc	0:53	16:23	17.3	12.5	105	17.3	12.1	47	17.2	12.8	165
8302Xc	1:27	16:57	17.1	12.8	66	17.1	12.4	51	17	13.4	81
8317Xc	1:59	17:29	17.2	-	47	17.3	-	26	17.1	-	67
AVERAGE			**17.3**	**11.8**	**63.8**	**17.3**	**11.5**	**49.8**	**17.3**	**12.1**	**77.8**
8005Xd	1:47	4:57	17.2	12.4	52	17.3	11.8	37	17.1	13	68
8020Xd	2:26	5:36	17	12.5	53	16.9	12.2	30	17.1	12.8	77
8035Xd	3:01	6:11	17.2	12.2	77	17.2	11.8	75	17.2	12.6	80
8051Xd	3:41	6:51	17.3	11.5	48	17.2	11.4	34	17.3	11.7	63
8066Xd	4:13	7:23	17.3	11.7	56	17.3	11.4	42	17.3	12	70
8081Xd	4:43	7:53	17.3	11.6	31	17.3	11.5	27	17.3	11.7	35
8096Xd	5:13	8:23	17.4	11.4	69	17.5	11.2	91	17.4	11.6	47
8116Xd	6:04	9:14	17.3	11.2	53	17.4	10.8	59	17.3	11.6	47

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8131Xd	-05:36	9:53	17.3	10.8	59	17.3	10.7	58	17.3	10.8	60
8146Xd	-05:08	10:21	17.3	10.3	65	17.2	10.2	51	17.3	10.5	79
8161Xd	-04:34	10:55	17.3	10.9	86	17.3	10.3	74	17.3	11.5	100
8176Xd	-03:49	11:40	17.3	11.6	82	17.3	11.3	89	17.3	11.9	74
8191Xd	-03:15	12:14	17.4	11.7	187	17.4	11.3	284	17.4	12	90
8211Xd	-02:30	12:59	17.5	11.9	73	17.5	11.6	70	17.5	12.3	77
8226Xd	-01:53	13:36	17.6	11.8	41	17.6	11.6	39	17.6	12.1	44
8241Xd	-01:16	14:13	17.5	11.9	94	17.5	11.8	93	17.5	12	96
8256Xd	-00:36	14:53	17.4	12.2	94	17.5	12.1	40	17.4	12.4	149
8271Xd	0:12	15:42	17.4	12.4	128	17.4	12.2	81	17.3	12.6	175
8286Xd	0:51	16:21	17.3	12.5	115	17.4	12.2	58	17.2	12.9	171
8301Xd	1:25	16:55	17.2	12.8	68	17.3	12.3	50	17.1	13.3	86
8316Xd	1:57	17:27	17.1	-	56	17.2	-	34	17.1	-	77
AVERAGE			**17.3**	**11.8**	**75.6**	**17.3**	**11.5**	**67.4**	**17.3**	**12.1**	**84.0**
8004Xe	1:45	4:55	17.1	12.6	59	17.2	12.2	45	17.1	13	72
8019Xe	2:23	5:33	17.3	12.2	50	17.3	11.9	28	17.2	12.5	72
8034Xe	2:59	6:09	17.3	12.1	62	17.3	12	47	17.3	12.2	77
8050Xe	3:39	6:49	17.3	11.6	55	17.3	11.5	49	17.3	11.7	62
8065Xe	4:11	7:21	17.3	11.6	60	17.3	11.5	55	17.3	11.7	66
8080Xe	4:41	7:51	17.3	11.3	52	17.3	11	45	17.4	11.6	58
8095Xe	5:10	8:20	17.5	11.1	118	17.5	11.1	107	17.5	11.2	128
8115Xe	6:01	9:11	17.4	11.2	53	17.4	10.8	60	17.3	11.7	47
8130Xe	-05:38	9:51	17.3	10.7	62	17.3	10.6	61	17.3	10.8	63
8145Xe	-05:09	10:20	17.3	10.2	60	17.2	10	60	17.3	10.4	61
8160Xe	-04:36	10:53	17.3	10.4	67	17.3	10.2	46	17.3	10.5	88

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8175Xe	-03:51	11:38	17.4	11	89	17.4	10.9	56	17.4	11	122
8190Xe	-03:17	12:12	17.5	11.6	261	17.5	11.2	234	17.4	11.9	289
8210Xe	-02:32	12:57	17.9	11.9	85	17.8	11.7	62	17.9	12	109
8225Xe	-01:54	13:35	17.9	11.9	46	18	11.9	36	17.8	12	56
8240Xe	-01:17	14:12	17.4	12	86	17.4	11.9	53	17.4	12	119
8255Xe	-00:43	14:46	17.4	12.4	148	17.4	12.2	135	17.3	12.5	162
8270Xe	0:10	15:40	17.2	12.6	131	17.3	12.4	96	17.2	12.9	167
8285Xe	0:49	16:19	17.3	12.6	112	17.4	12.3	66	17.3	12.9	158
8315Xe	1:55	17:25	17.1	-	60	17.2	-	38	17	-	82
AVERAGE			**17.4**	**11.6**	**85.8**	**17.4**	**11.4**	**69.0**	**17.4**	**11.8**	**102.9**
8009Ya	2:00	5:10	17.3	12.1	42	17.4	11.4	24	17.2	12.8	59
8024Ya	2:36	5:46	17.3	11.9	41	17.3	11.4	23	17.3	12.4	58
8039Ya	3:10	6:20	17.4	11.8	32	17.4	11.3	18	17.4	12.2	46
8055Ya	3:50	7:00	17.3	11.7	30	17.3	11	22	17.3	12.3	38
8070Ya	4:21	7:31	17.3	11.8	36	17.3	11.5	20	17.3	12.1	53
8085Ya	4:51	8:01	17.3	11.9	29	17.3	11.6	30	17.3	12.1	28
8100Ya	5:20	8:30	17.3	12	31	17.3	11.8	29	17.3	12.2	33
8120Ya	6:14	9:24	17.3	12.1	27	17.3	11.8	25	17.3	12.4	28
8135Ya	-05:29	10:00	17.3	11.6	42	17.3	10.9	50	17.3	12.3	33
8150Ya	-04:59	10:30	17.3	11.4	43	17.3	10.6	50	17.3	12.2	35
8165Ya	-04:24	11:05	17.3	11.4	39	17.3	10.4	43	17.3	12.4	35
8180Ya	-03:43	11:46	17.3	11.7	58	17.3	11.1	77	17.3	12.3	38
8195Ya	-03:06	12:23	17.3	11.9	53	17.3	11.3	60	17.3	12.6	46
8215Ya	-02:20	13:09	17.5	11.9	75	17.5	11.4	62	17.4	12.4	90
8230Ya	-01:46	13:43	17.4	12.1	43	17.5	11.6	27	17.4	12.5	58

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8245Ya	-01:08	14:21	17.5	12	25	17.5	11.7	23	17.4	12.3	27
8260Ya	-00:25	15:04	17.4	12.2	144	17.5	12.1	110	17.4	12.3	178
8275Ya	0:24	15:54	17.3	12.3	121	17.4	11.9	53	17.2	12.8	188
8290Ya	1:00	16:30	17.3	12.4	78	17.4	11.7	50	17.2	13	106
8305Ya	1:32	17:02	17.2	12.3	45	17.3	11.6	32	17.1	13	59
8320Ya	2:06	17:36	17.3	-	43	17.3	-	22	17.3	-	64
AVERAGE			**17.3**	**11.9**	**51.3**	**17.4**	**11.4**	**40.5**	**17.3**	**12.4**	**61.9**
8010Yb	2:02	5:12	17.3	11.9	53	17.3	11.3	26	17.3	12.5	81
8025Yb	2:39	5:49	17.3	11.7	41	17.3	11.2	24	17.3	12.3	58
8040Yb	3:11	6:21	17.3	11.8	32	17.3	11.3	19	17.3	12.3	45
8056Yb	3:52	7:02	17.2	11.8	40	17.2	11.3	25	17.3	12.2	56
8071Yb	4:22	7:32	17.3	11.8	21	17.3	11.5	18	17.3	12.1	23
8086Yb	4:52	8:02	17.3	11.8	33	17.3	11.6	37	17.3	12.1	28
8101Yb	5:22	8:32	17.3	11.9	65	17.3	11.6	26	17.3	12.1	103
8121Yb	6:17	9:27	17.3	11.7	39	17.4	11	50	17.3	12.3	28
8136Yb	-05:28	10:01	17.3	11.4	52	17.3	10.7	61	17.3	12.1	43
8151Yb	-04:57	10:32	17.2	11.4	56	17.3	10.5	49	17.2	12.2	62
8166Yb	-04:22	11:07	17.3	11.2	47	17.2	10.3	50	17.3	12	43
8181Yb	-03:40	11:49	17.3	11.7	64	17.4	11.2	81	17.3	12.2	46
8196Yb	-03:05	12:24	17.3	11.7	51	17.4	11	52	17.3	12.4	49
8216Yb	-02:16	13:13	17.4	11.9	67	17.4	11.4	40	17.3	12.4	94
8231Yb	-01:42	13:47	17.4	11.9	31	17.4	11.5	24	17.4	12.3	38
8246Yb	-01:06	14:23	17.5	12	29	17.6	11.8	30	17.5	12.2	28
8261Yb	-00:23	15:06	17.4	12.2	131	17.5	12	78	17.4	12.3	184
8276Yb	0:26	15:56	17.2	12.4	112	17.3	11.9	55	17.2	12.9	171

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8291Yb	1:02	16:32	17.2	12.4	85	17.3	11.9	53	17.1	13	118
8306Yb	1:34	17:04	17.3	12.3	44	17.4	11.6	30	17.2	13	57
8321Yb	2:08	17:38	17.3	-	50	17.3	-	25	17.2	-	76
AVERAGE			**17.3**	**11.8**	**54.4**	**17.3**	**11.3**	**40.6**	**17.3**	**12.3**	**68.1**
8011Yc	2:04	5:14	17.2	12.2	56	17.3	11.6	35	17.2	12.7	78
8026Yc	2:41	5:51	17.3	11.8	47	17.3	11.4	32	17.3	12.3	62
8041Yc	3:13	6:23	17.3	11.9	47	17.3	11.5	26	17.3	12.3	69
8057Yc	3:54	7:04	17.3	11.8	34	17.3	11.4	28	17.3	12.2	40
8072Yc	4:24	7:34	17.3	11.7	22	17.3	11.5	19	17.3	12	26
8087Yc	4:54	8:04	17.3	11.8	24	17.3	11.6	27	17.4	12	22
8102Yc	5:24	8:34	17.3	11.8	26	17.2	11.5	22	17.3	12.1	30
8122Yc	6:20	9:30	17.2	11.4	47	17.2	11	56	17.3	11.8	39
8137Yc	-05:26	10:03	17.3	11.1	55	17.3	10.7	61	17.3	11.6	49
8152Yc	-04:55	10:34	17.2	10.8	46	17.2	10.3	47	17.3	11.3	44
8167Yc	-04:18	11:11	17.3	11.1	55	17.3	10.4	51	17.3	11.8	60
8182Yc	-03:38	11:51	17.3	11.6	76	17.4	11.3	80	17.3	11.9	71
8197Yc	-03:03	12:26	17.4	11.6	81	17.4	11.2	94	17.3	11.9	68
8217Yc	-02:15	13:14	17.4	12	83	17.4	11.5	38	17.4	12.4	128
8232Yc	-01:40	13:49	17.4	11.9	32	17.4	11.6	26	17.5	12.2	38
8247Yc	-01:04	14:25	17.5	12	48	17.6	11.9	53	17.5	12.1	44
8262Yc	-00:21	15:08	17.5	12.1	77	17.6	11.9	29	17.4	12.4	125
8277Yc	0:28	15:58	17.2	12.5	115	17.2	12.1	60	17.2	12.8	171
8292Yc	1:04	16:34	17.2	12.6	96	17.3	11.9	54	17.1	13.3	139
8307Yc	1:36	17:06	17.2	12.4	57	17.3	11.6	31	17.1	13.1	84
8322Yc	2:10	17:40	17.3	-	40	17.3	-	27	17.2	-	54

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
AVERAGE			**17.3**	**11.8**	**55.4**	**17.3**	**11.4**	**42.7**	**17.3**	**12.2**	**68.6**
8012Yd	2:06	5:16	17.2	12.4	69	17.2	12	32	17.1	12.9	106
8027Yd	2:43	5:53	17.2	11.6	38	17.2	11.2	23	17.3	12.1	54
8042Yd	3:15	6:25	17.3	11.8	57	17.3	11.4	29	17.3	12.2	87
8058Yd	3:55	7:05	17.3	12	58	17.3	11.6	40	17.3	12.3	76
8073Yd	4:25	7:35	17.3	11.8	29	17.3	11.6	26	17.3	11.9	32
8088Yd	4:56	8:06	17.3	11.6	26	17.3	11.5	27	17.4	11.7	25
8103Yd	5:25	8:35	17.3	11.8	32	17.3	11.6	32	17.3	12.1	31
8123Yd	6:22	9:32	17.3	11.3	54	17.3	10.9	59	17.3	11.8	50
8138Yd	-5:24	10:05	17.3	11	56	17.3	10.7	59	17.3	11.3	53
8153Yd	-4:54	10:35	17.2	10.8	52	17.2	10.1	54	17.3	11.4	50
8168Yd	-4:16	11:13	17.3	11.3	76	17.3	10.7	73	17.3	11.9	79
8183Yd	-3:37	11:52	17.3	11.7	69	17.4	11.3	73	17.3	12.1	65
8198Yd	-3:01	12:28	17.4	11.8	148	17.5	11.4	213	17.4	12.2	82
8218Yd	-2:14	13:15	17.4	11.9	59	17.5	11.5	45	17.4	12.4	74
8233Yd	-1:38	13:51	17.7	12	38	17.7	11.8	33	17.6	12.2	43
8248Yd	-1:02	14:27	17.5	12	89	17.6	11.9	61	17.5	12.1	116
8263Yd	-0:19	15:10	17.4	12.2	87	17.5	11.9	55	17.4	12.5	118
8278Yd	0:29	15:59	17.3	12.5	122	17.4	12.1	57	17.2	12.8	186
8293Yd	1:05	16:35	17.2	12.8	87	17.3	12.3	66	17.1	13.3	108
8308Yd	1:38	17:08	17.2	12.6	47	17.3	12.1	35	17.1	13.1	60
8323Yd	2:12	17:42	17	-	39	16.9	-	25	17.1	-	54
AVERAGE			**17.3**	**11.8**	**63.4**	**17.3**	**11.5**	**53.2**	**17.3**	**12.2**	**73.8**
8013Ye	2:08	5:18	17	12.5	53	17	12.1	33	17.1	12.9	73
8028Ye	2:45	5:55	17.2	11.9	38	17.2	11.7	28	17.3	12.1	48

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8043Ye	3:17	6:27	17.3	11.8	61	17.3	11.4	36	17.3	12.1	87
8059Ye	3:57	7:07	17.3	11.9	75	17.3	11.6	51	17.3	12.2	100
8074Ye	4:27	7:37	17.3	11.3	44	17.3	11.2	24	17.3	11.4	64
8089Ye	4:57	8:07	17.4	11.2	83	17.5	11.2	89	17.4	11.3	77
8104Ye	5:27	8:37	17.4	11.8	31	17.4	11.5	34	17.4	12.1	28
8124Ye	6:23	9:33	17.3	11.2	63	17.3	10.7	69	17.3	11.7	57
8139Ye	-5:23	10:06	17.3	10.7	60	17.3	10.5	60	17.3	11	61
8154Ye	-4:52	10:37	17.2	10.8	61	17.2	10.2	60	17.3	11.4	62
8169Ye	-4:14	11:15	17.3	11.3	110	17.3	10.8	105	17.3	11.8	115
8184Ye	-3:35	11:54	17.4	11.6	85	17.4	11.1	90	17.3	12	80
8199Ye	-2:58	12:31	17.7	11.9	165	17.9	11.7	90	17.6	12	241
8219Ye	-2:12	13:17	17.7	12.1	57	17.7	11.8	46	17.7	12.3	69
8234Ye	-1:36	13:53	17.8	11.9	46	17.8	11.8	45	17.7	12	48
8249Ye	-1:00	14:29	17.4	12.2	198	17.4	12.1	123	17.3	12.2	276
8279Ye	0:31	16:01	17.2	12.6	120	17.3	12.2	60	17.2	13	178
8294Ye	1:07	16:37	17.1	12.9	78	17.2	12.5	66	17	13.4	91
8309Ye	1:39	17:09	17.2	12.7	60	17.3	12.2	37	17.1	13.2	83
8324Ye	2:13	17:43	17.1	-	37	17.1	-	24	17.1	-	50
AVERAGE			**17.3**	**11.8**	**76.3**	**17.4**	**11.5**	**58.5**	**17.3**	**12.1**	**94.4**
8018Za	2:18	5:28	17.3	11.8	57	17.3	11.1	20	17.3	12.4	96
8033Za	2:55	6:05	17.3	12	30	17.3	11.6	19	17.3	12.3	41
8049Za	3:32	6:42	17.3	12	27	17.3	11.6	18	17.3	12.4	36
8064Za	4:06	7:16	17.4	11.9	20	17.4	11.6	18	17.4	12.2	22
8079Za	4:36	7:46	17.3	11.9	20	17.3	11.6	18	17.4	12.1	22
8094Za	5:07	8:17	17.3	11.9	18	17.3	11.7	18	17.4	12.1	19

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8114Za	5:55	9:05	17.3	11.9	26	17.2	11.5	24	17.3	12.3	27
8129Za	6:32	9:42	17.3	11.8	56	17.3	11.3	31	17.3	12.4	81
8144Za	-5:14	10:15	17.3	11.8	39	17.3	11.1	50	17.3	12.5	28
8159Za	-4:42	10:47	17.3	11.4	39	17.3	10.7	44	17.3	12.1	34
8174Za	-4:00	11:29	17.2	11.5	36	17.3	10.6	39	17.2	12.4	33
8189Za	-3:22	12:07	17.3	11.6	66	17.4	11.2	77	17.3	11.9	54
8204Za	-2:47	12:42	17.3	11.9	48	17.4	11.3	64	17.3	12.5	31
8224Za	-2:02	13:27	17.6	11.9	55	17.6	11.6	40	17.6	12.2	71
8239Za	-1:23	14:06	17.6	12	34	17.6	11.7	28	17.5	12.3	41
8254Za	-0:48	14:41	17.4	12	128	17.4	11.9	71	17.4	12.2	186
8269Za	0:04	15:34	17.4	12.3	109	17.4	11.8	55	17.3	12.7	163
8284Za	0:42	16:12	17.1	12.4	72	17	11.7	47	17.1	13.1	97
8299Za	1:19	16:49	17.3	12.1	49	17.4	11.6	40	17.3	12.7	59
8314Za	1:50	17:20	17.3	-	43	17.3	-	22	17.2	-	63
8329Za	2:24	17:54	17.3	-	36	17.3	-	15	17.3	-	57
AVERAGE			**17.3**	**11.9**	**48.0**	**17.3**	**11.4**	**36.1**	**17.3**	**12.4**	**60.0**
8017Zb	2:16	5:26	17.2	11.8	36	17.2	11.3	20	17.3	12.3	52
8032Zb	2:54	6:04	17.3	11.9	51	17.3	11.5	19	17.3	12.2	82
8048Zb	3:30	6:40	17.3	12	24	17.2	11.7	18	17.3	12.3	30
8063Zb	4:05	7:15	17.3	11.8	23	17.3	11.4	19	17.3	12.2	27
8078Zb	4:34	7:44	17.4	11.8	19	17.4	11.6	18	17.4	11.9	20
8093Zb	5:05	8:15	17.3	11.8	34	17.3	11.6	18	17.4	12	49
8113Zb	5:54	9:04	17.2	12	32	17.2	11.7	21	17.2	12.4	42
8128Zb	6:30	9:40	17.3	11.7	90	17.3	11	43	17.3	12.4	137
8143Zb	-5:16	10:13	17.3	11.5	57	17.3	10.8	61	17.3	12.2	53

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8158Zb	-4:44	10:45	17.3	11.3	47	17.3	10.5	44	17.3	12.2	49
8173Zb	-4:02	11:27	17.3	11.5	55	17.3	10.9	50	17.3	12.1	61
8188Zb	-3:23	12:06	17.3	11.4	66	17.4	11.1	68	17.3	11.8	63
8203Zb	-2:49	12:40	17.4	11.7	59	17.4	11.3	45	17.3	12	74
8223Zb	-2:03	13:26	17.4	11.8	49	17.4	11.5	33	17.4	12.1	65
8238Zb	-1:26	14:03	17.5	11.9	34	17.5	11.7	28	17.5	12.2	40
8253Zb	-0:50	14:39	17.4	11.9	144	17.5	11.9	78	17.4	12	211
8268Zb	0:03	15:33	17.4	12.4	125	17.4	12.3	95	17.3	12.6	156
8283Zb	0:40	16:10	17.3	12.3	76	17.4	11.7	49	17.2	12.9	104
8298Zb	1:17	16:47	17.3	12.1	46	17.3	11.4	30	17.2	12.8	62
8313Zb	1:48	17:18	17.3	12	36	17.3	11.5	24	17.3	12.6	47
8328Zb	2:22	17:52	17.2	-	57	17.2	-	21	17.2	-	94
AVERAGE			**17.3**	**11.8**	**55.2**	**17.3**	**11.4**	**38.2**	**17.3**	**12.3**	**72.3**
8016Zc	2:14	5:24	17.3	12.1	46	17.3	11.7	32	17.2	12.5	60
8031Zc	2:51	6:01	17.3	11.9	35	17.4	11.6	23	17.3	12.2	48
8047Zc	3:28	6:38	17.3	11.8	32	17.3	11.5	19	17.3	12.2	44
8062Zc	4:03	7:13	17.3	11.7	34	17.2	11.3	19	17.3	12.2	48
8077Zc	4:32	7:42	17.3	12	21	17.3	11.9	22	17.3	12.2	21
8092Zc	5:04	8:14	17.3	11.8	20	17.3	11.7	20	17.4	11.9	20
8112Zc	5:52	9:02	17.2	11.7	95	17.2	11.4	21	17.3	12	168
8127Zc	6:29	9:39	17.3	11.5	40	17.3	10.9	55	17.3	12.1	25
8142Zc	-5:18	10:11	17.3	11.2	53	17.3	10.7	68	17.3	11.8	37
8157Zc	-4:45	10:44	17.2	10.8	43	17.2	10.1	45	17.3	11.5	40
8172Zc	-4:05	11:24	17.3	11.3	50	17.3	10.8	54	17.3	11.8	46
8187Zc	-3:25	12:04	17.4	11.4	78	17.3	11.3	75	17.4	11.4	80

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8202Zc	-2:51	12:38	17.4	11.6	105	17.5	11.4	108	17.4	11.8	102
8222Zc	-2:05	13:24	17.4	11.5	34	17.4	11.4	29	17.4	11.6	38
8237Zc	-1:27	14:02	17.6	11.8	32	17.5	11.6	27	17.6	12.1	37
8252Zc	-0:52	14:37	17.5	12	88	17.5	11.9	67	17.4	12.2	109
8267Zc	0:00	15:30	17.5	12.3	80	17.5	12.1	49	17.4	12.5	112
8282Zc	0:38	16:08	17.3	12.6	108	17.4	12.1	64	17.2	13.2	153
8297Zc	1:15	16:45	17.3	12.3	53	17.4	11.6	32	17.2	13.1	73
8312Zc	1:46	17:16	17.3	12	36	17.3	11.6	28	17.3	12.5	44
8327Zc	2:19	17:49	17.2	-	43	17.3	-	26	17.2	-	60
AVERAGE			**17.3**	**11.8**	**53.6**	**17.3**	**11.4**	**42.0**	**17.3**	**12.1**	**65.0**
8015Zd	2:12	5:22	17.3	12.3	39	17.3	12	26	17.2	12.5	52
8030Zd	2:50	6:00	17.3	11.9	42	17.4	11.6	24	17.3	12.3	59
8046Zd	3:26	6:36	17.3	12	59	17.3	11.8	33	17.3	12.3	86
8061Zd	4:01	7:11	17.3	11.8	31	17.3	11.6	21	17.4	12	42
8076Zd	4:31	7:41	17.3	11.6	23	17.3	11.4	19	17.4	11.8	28
8091Zd	5:02	8:12	17.3	11.6	24	17.3	11.4	21	17.3	11.7	26
8111Zd	5:51	9:01	17.3	11.6	21	17.2	11.4	20	17.3	11.8	22
8126Zd	6:27	9:37	17.3	11.4	43	17.3	10.7	58	17.3	12.1	29
8141Zd	-5:19	10:10	17.3	11.1	52	17.3	10.5	60	17.3	11.6	44
8156Zd	-4:48	10:41	17.3	10.9	52	17.3	10.3	57	17.3	11.5	47
8171Zd	-4:08	11:21	17.3	11.2	82	17.3	10.7	78	17.3	11.6	86
8186Zd	-3:27	12:02	17.4	11.3	77	17.4	11.2	73	17.4	11.5	81
8201Zd	-2:53	12:36	17.7	11.9	120	17.8	11.7	107	17.6	12	133
8221Zd	-2:08	13:21	17.6	11.9	62	17.6	11.6	41	17.6	12.3	82
8236Zd	-1:29	14:00	17.7	11.9	40	17.7	11.7	38	17.7	12.1	42

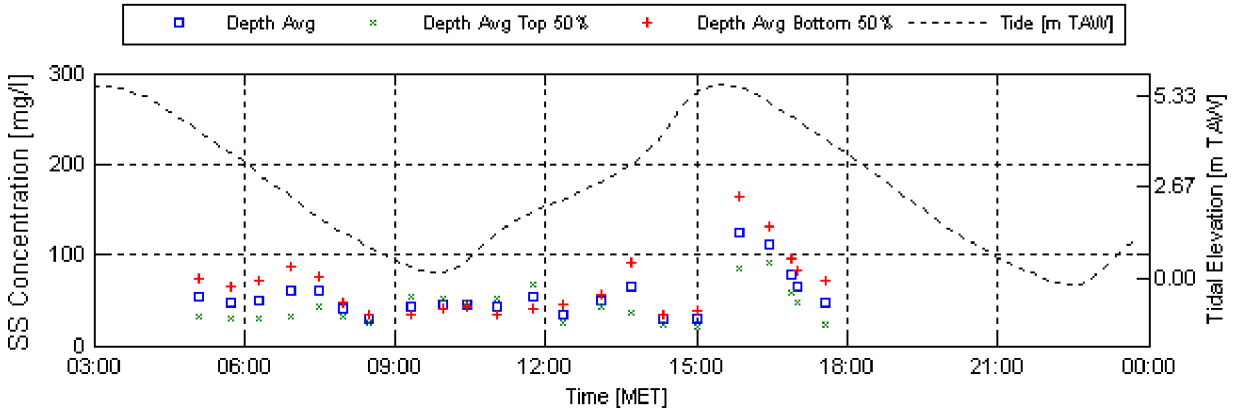
Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg Temp [°C]	Depth Avg Sal [ppt]	Depth Avg SS Conc [mg/l]	Top 50% Depth Avg Temp [°C]	Top 50% Depth Avg Sal [ppt]	Top 50% Depth Avg SS Conc [mg/l]	Bottom 50% Depth Avg Temp [°C]	Bottom 50% Depth Avg Sal [ppt]	Bottom 50% Depth Avg SS Conc [mg/l]
8251Zd	-0:54	14:35	17.1	12.4	231	17	12.4	184	17.2	12.4	278
8266Zd	-0:03	15:26	17.2	12.5	93	17.1	12.2	59	17.3	12.7	128
8281Zd	0:36	16:06	17.3	12.7	113	17.4	12.3	72	17.2	13	155
8296Zd	1:14	16:44	17.2	12.8	74	17.3	12.2	52	17.1	13.3	96
8311Zd	1:44	17:14	17.2	12.2	35	17.3	11.6	24	17.2	12.8	45
8326Zd	2:17	17:47	17.2	-	43	17.2	-	22	17.2	-	63
AVERAGE			**17.3**	**11.9**	**64.6**	**17.3**	**11.5**	**51.9**	**17.3**	**12.2**	**77.3**
8014Ze	2:10	5:20	17.2	12.1	38	17.2	11.6	27	17.2	12.6	48
8029Ze	2:48	5:58	17.3	11.9	41	17.3	11.7	30	17.3	12.1	52
8045Ze	3:23	6:33	17.3	11.8	63	17.3	11.5	35	17.3	12.1	92
8060Ze	4:00	7:10	17.3	11.7	57	17.3	11.5	50	17.4	11.9	64
8075Ze	4:29	7:39	17.4	11.5	85	17.4	11.5	83	17.4	11.5	87
8090Ze	5:00	8:10	17.5	11.3	96	17.4	11.2	95	17.5	11.3	98
8110Ze	5:50	9:00	17.3	11.3	52	17.3	11	66	17.3	11.6	38
8125Ze	6:25	9:35	17.3	11.2	55	17.3	10.6	69	17.3	11.8	41
8140Ze	-5:21	10:09	17.3	11	52	17.3	10.5	55	17.3	11.5	48
8155Ze	-4:49	10:40	17.3	10.8	57	17.2	10.2	59	17.3	11.5	54
8170Ze	-4:10	11:19	17.3	11.3	92	17.3	10.8	89	17.3	11.8	94
8185Ze	-3:30	11:59	17.4	11.5	106	17.4	11.2	121	17.3	11.7	91
8200Ze	-2:55	12:34	17.7	11.9	134	17.9	11.7	87	17.6	12	180
8220Ze	-2:10	13:19	17.8	12	56	17.8	11.8	43	17.7	12.3	69
8235Ze	-1:31	13:58	17.7	11.9	49	17.8	11.8	48	17.7	12	51
8250Ze	-0:58	14:31	17.4	12.1	220	17.4	12	175	17.3	12.3	265
8265Ze	-0:14	15:15	17.4	12.4	111	17.5	12	72	17.3	12.7	149
8280Ze	0:34	16:04	17.2	12.7	94	17.3	12.4	67	17.2	13.1	121

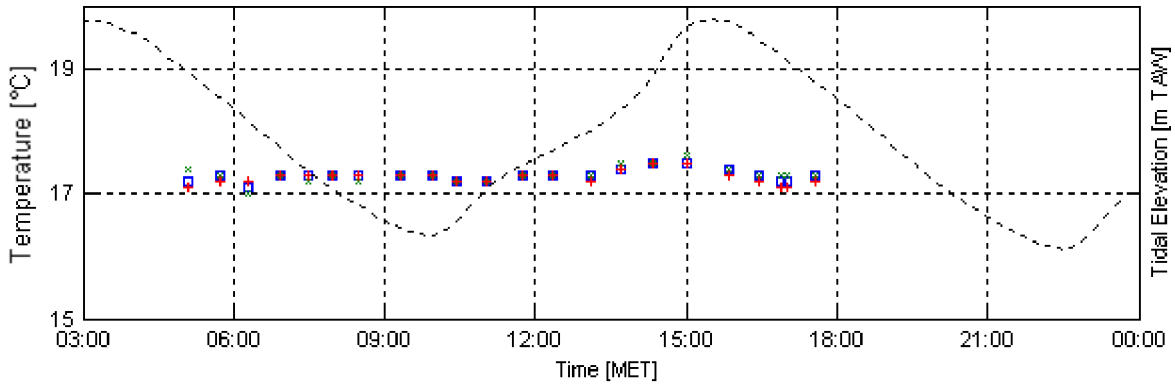
Siltprofiles Name	*Time after HW [hh:mm]*	*Time [hh:mm MET]*	*Depth Avg*			*Top 50% Depth Avg*			*Bottom 50% Depth Avg*		
			Temp [°C]	*Sal [ppt]*	*SS Conc [mg/l]*	*Temp [°C]*	*Sal [ppt]*	*SS Conc [mg/l]*	*Temp [°C]*	*Sal [ppt]*	*SS Conc [mg/l]*
8295Ze	1:12	16:42	17.2	12.6	66	17.3	12	44	17.1	13.3	88
8310Ze	1:42	17:12	17.2	12.6	48	17.3	12	28	17.1	13.1	68
8325Ze	2:16	17:46	17.2	-	30	17.2	-	22	17.1	-	39
AVERAGE			**17.4**	**11.8**	**76.3**	**17.4**	**11.5**	**65.0**	**17.3**	**12.1**	**87.5**

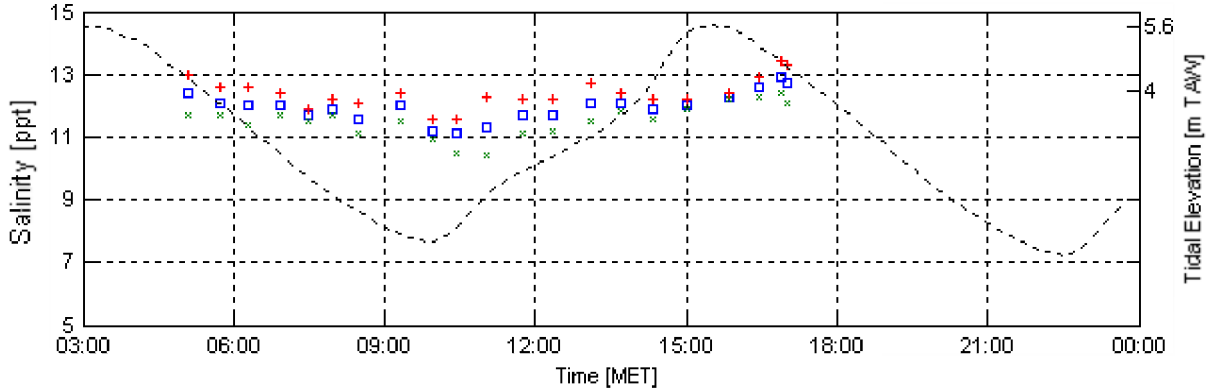
G.2 Figures

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Xa







Date :

29-Sep-2008

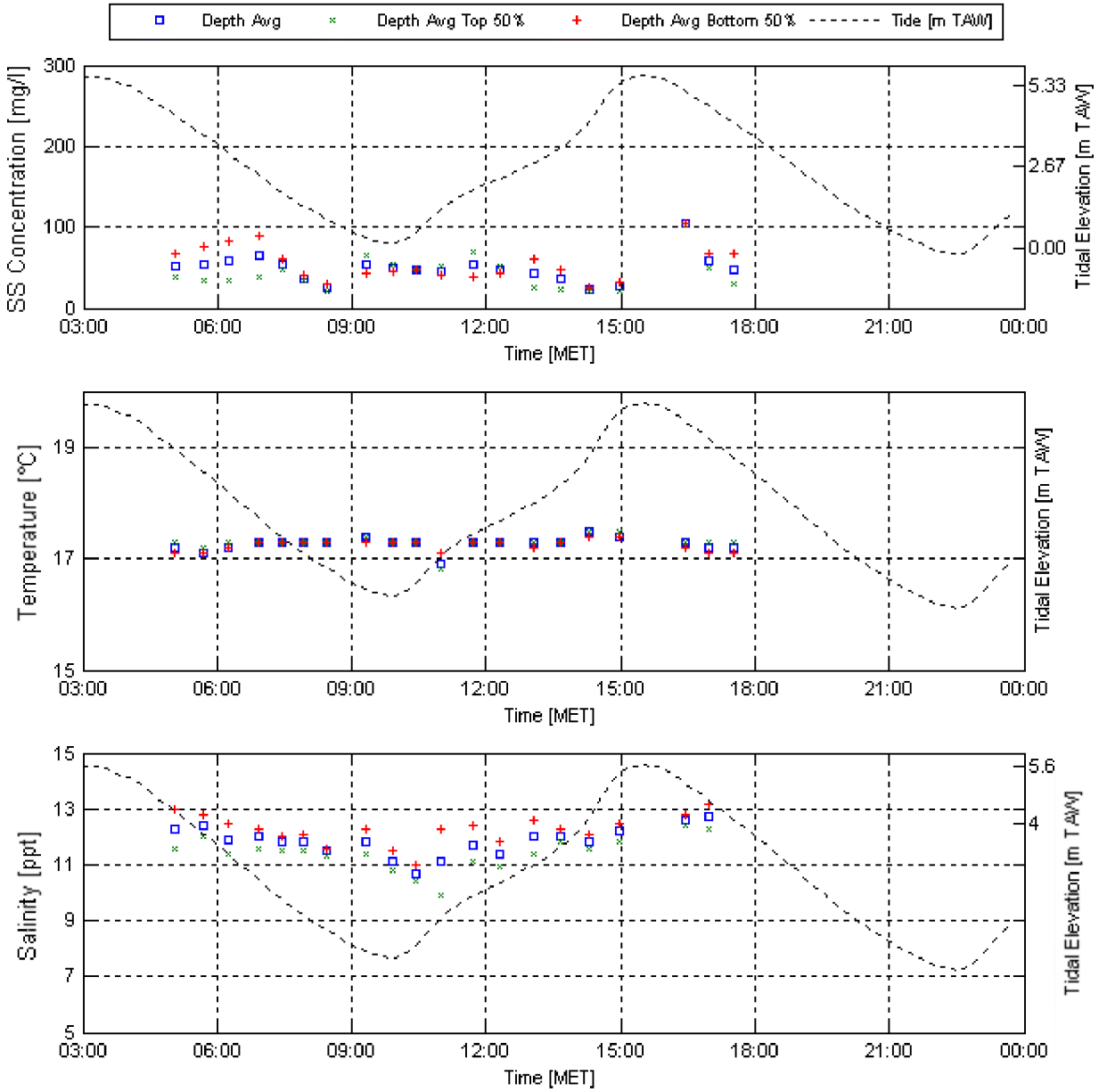
Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Xb



Date :

29-Sep-2008

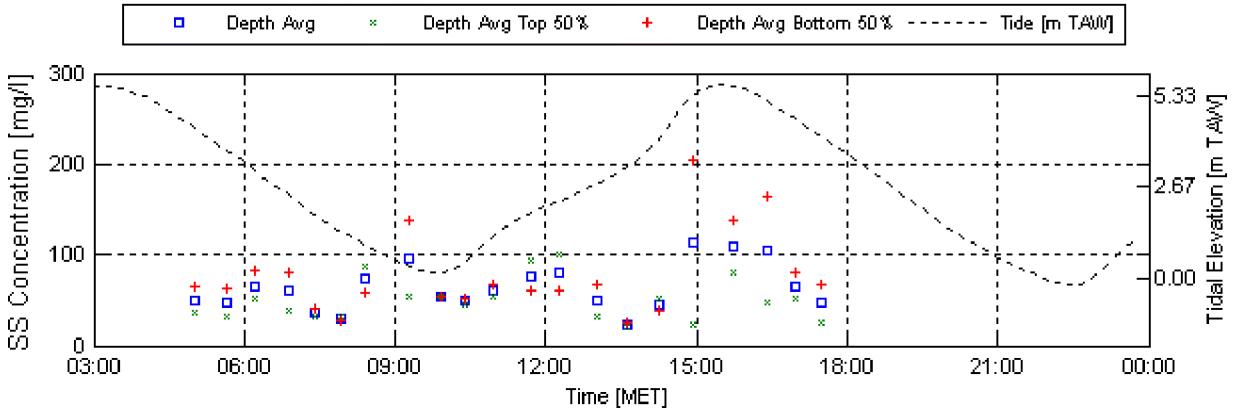
Data Processed by IMDC

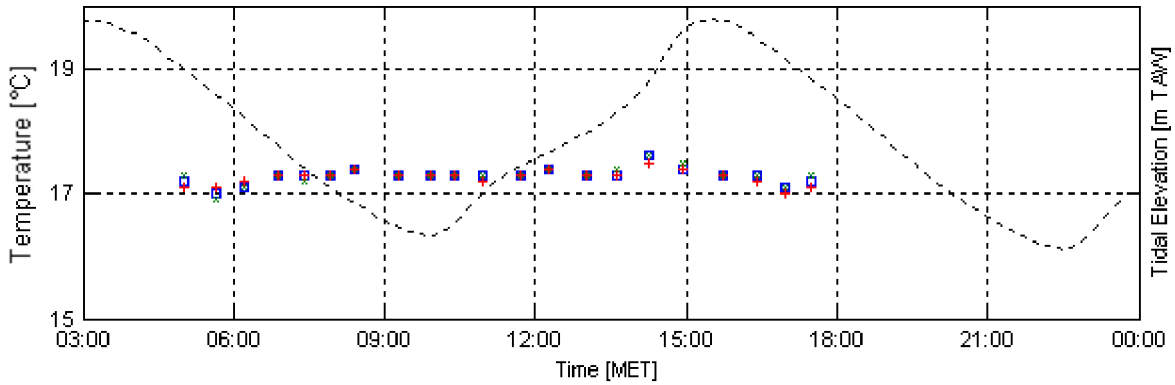
In association with :

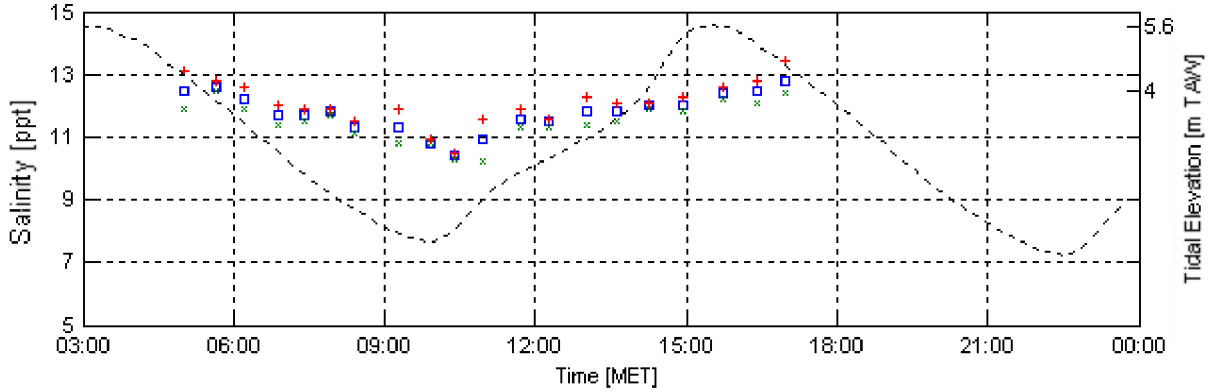
I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Xc



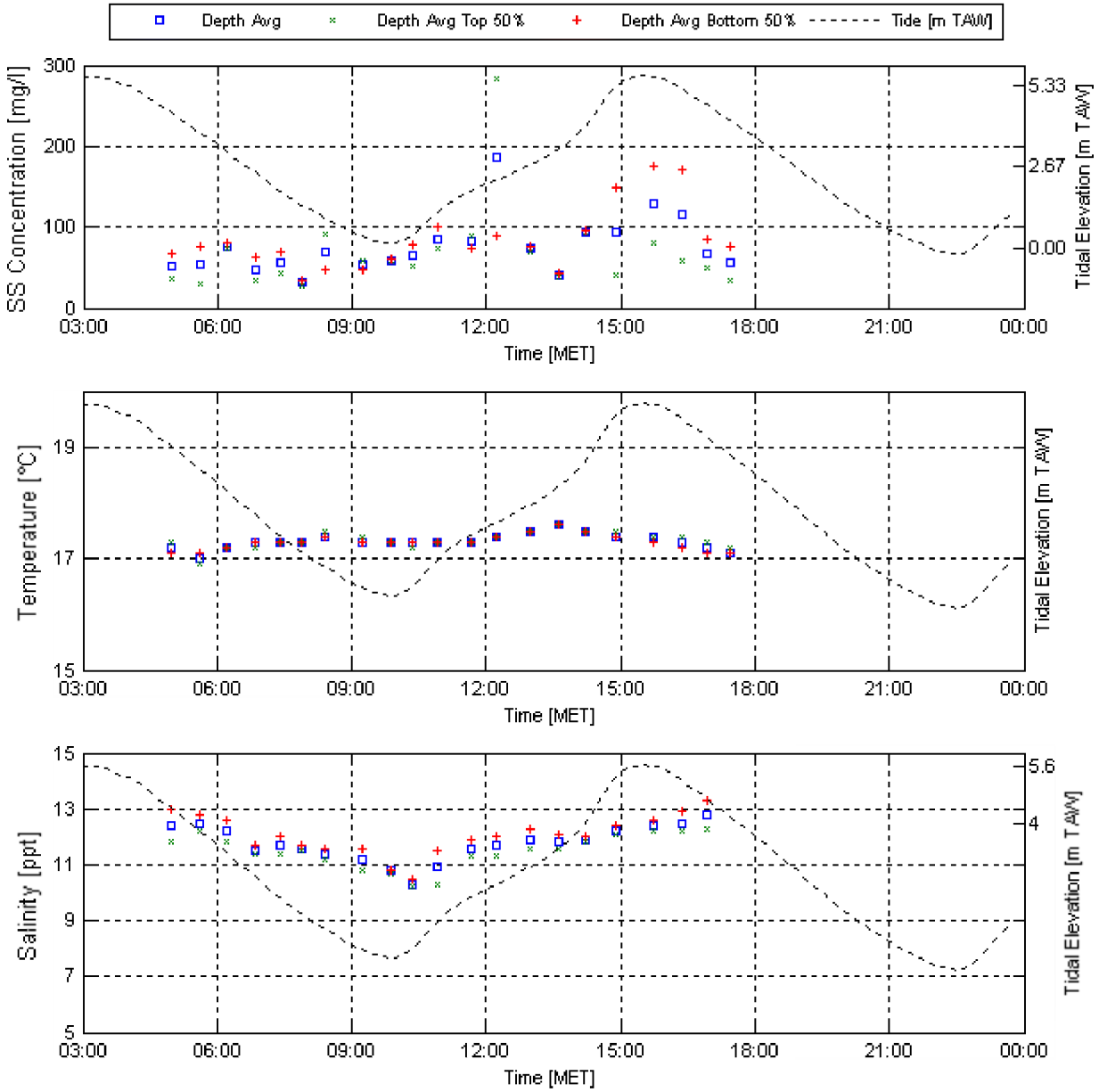




Date : 29-Sep-2008	Data Processed by IMDC In association with : I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Xd



Date :

29-Sep-2008

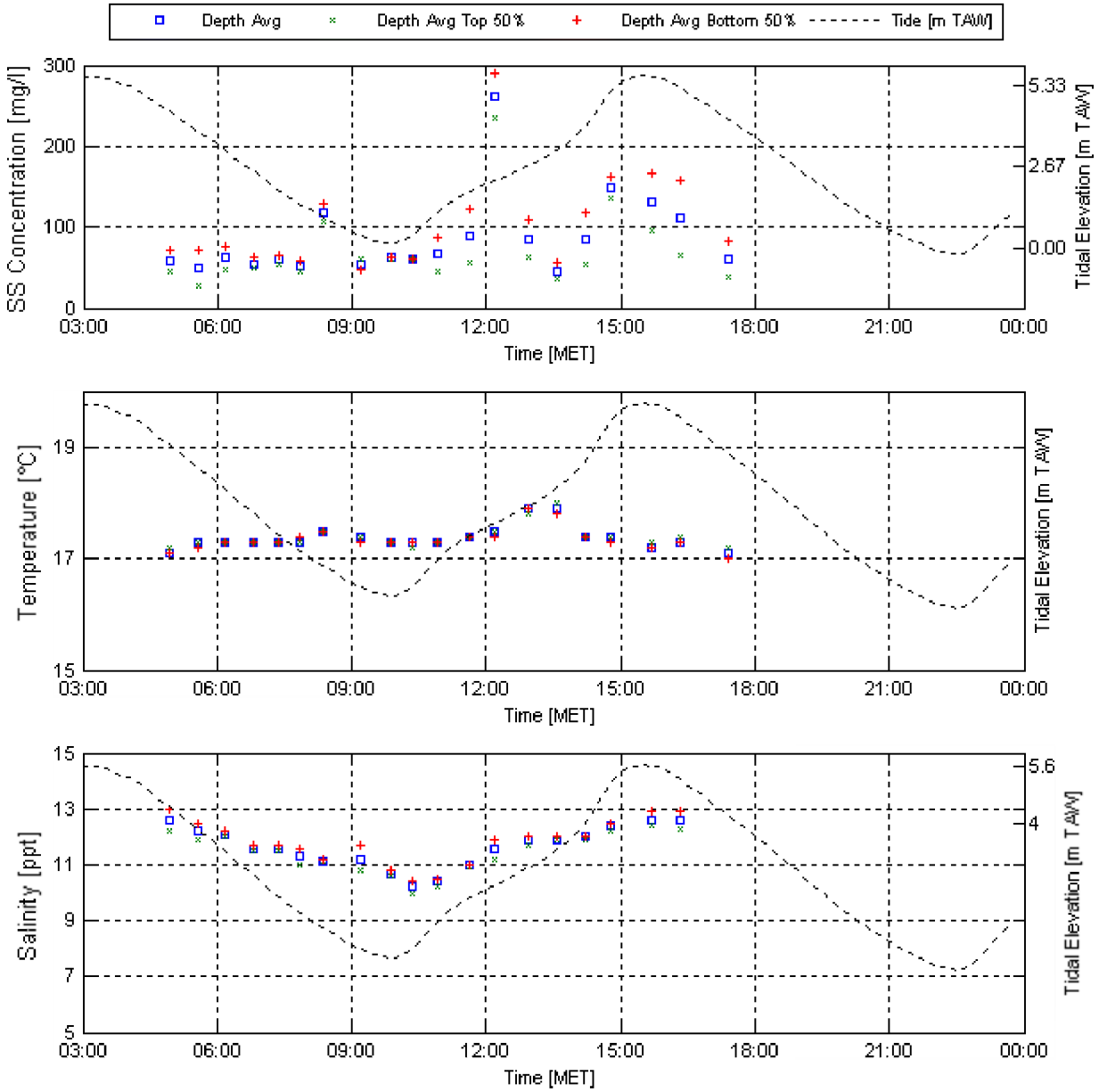
Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Xe



Date :

29-Sep-2008

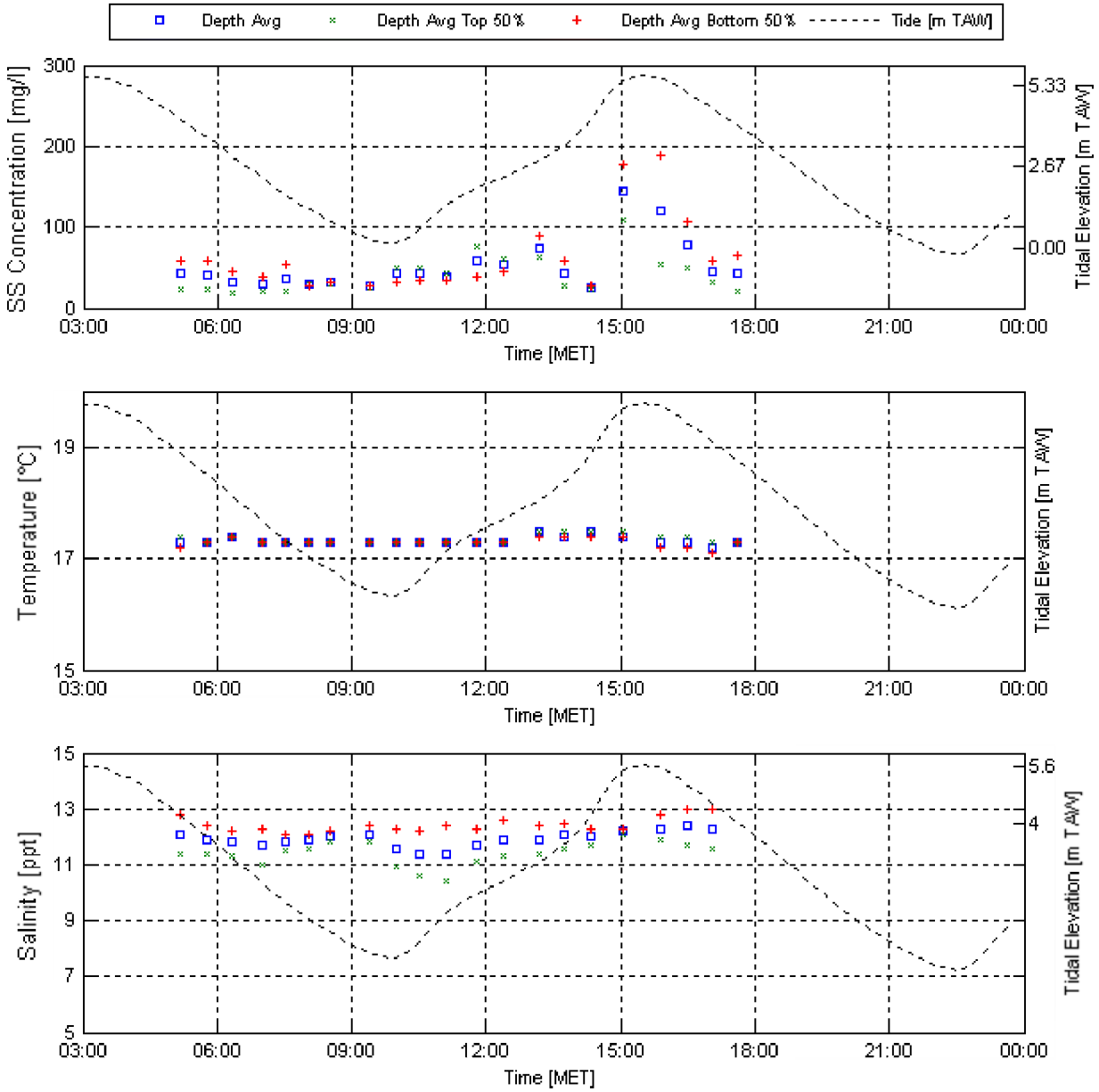
Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Ya



Date :

29-Sep-2008

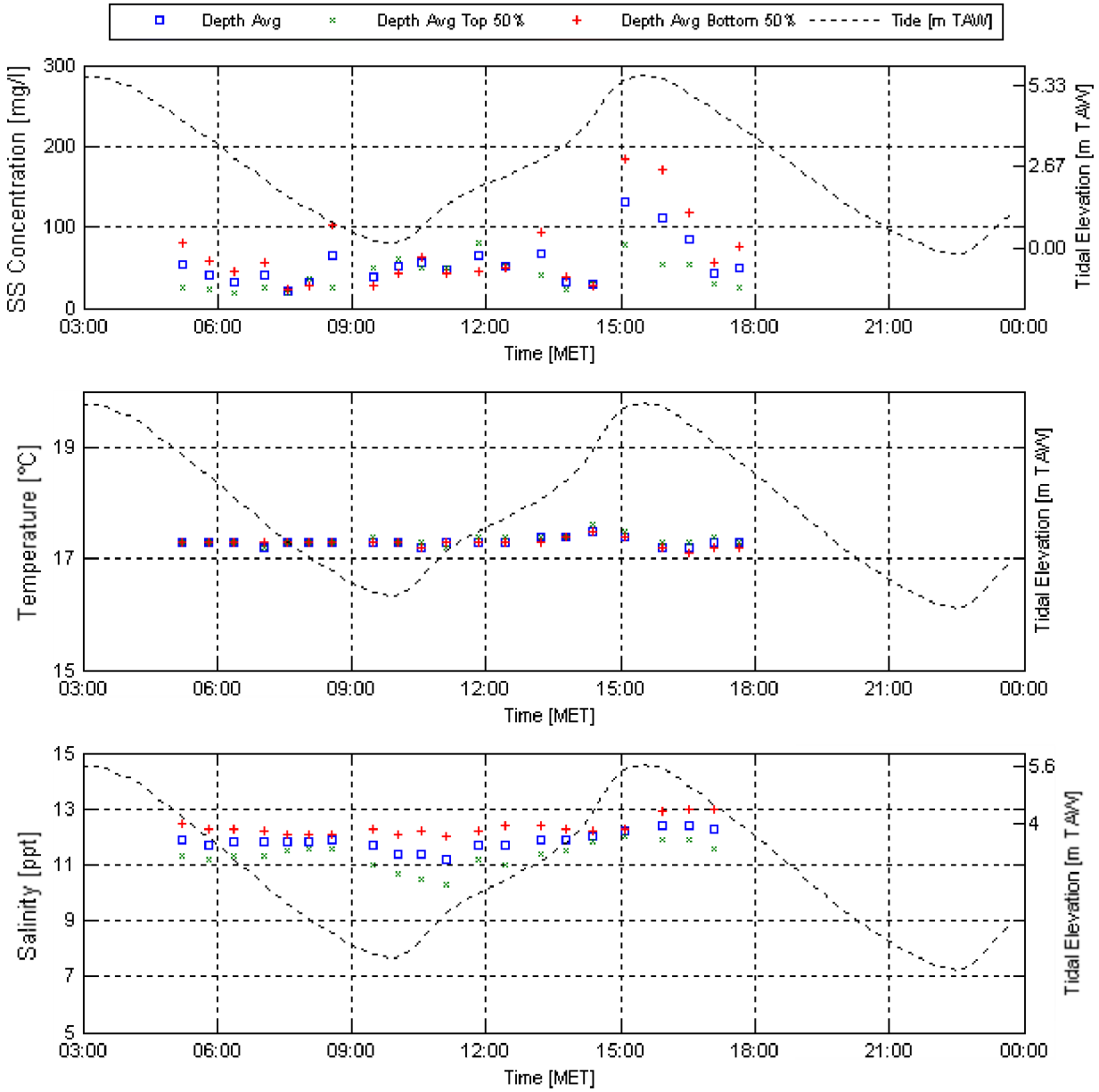
Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Yb



Date :

29-Sep-2008

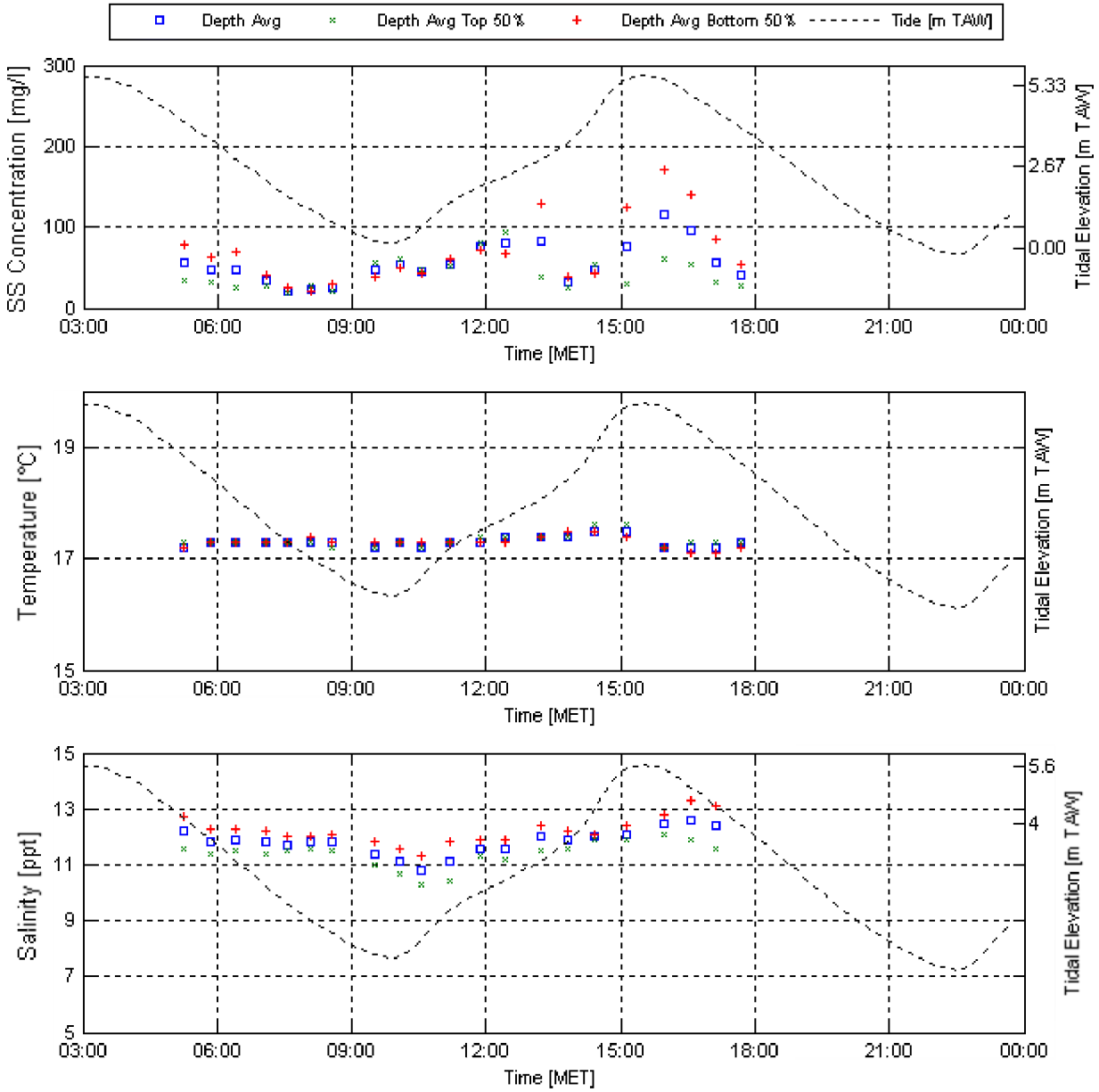
Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Yc



Date :

29-Sep-2008

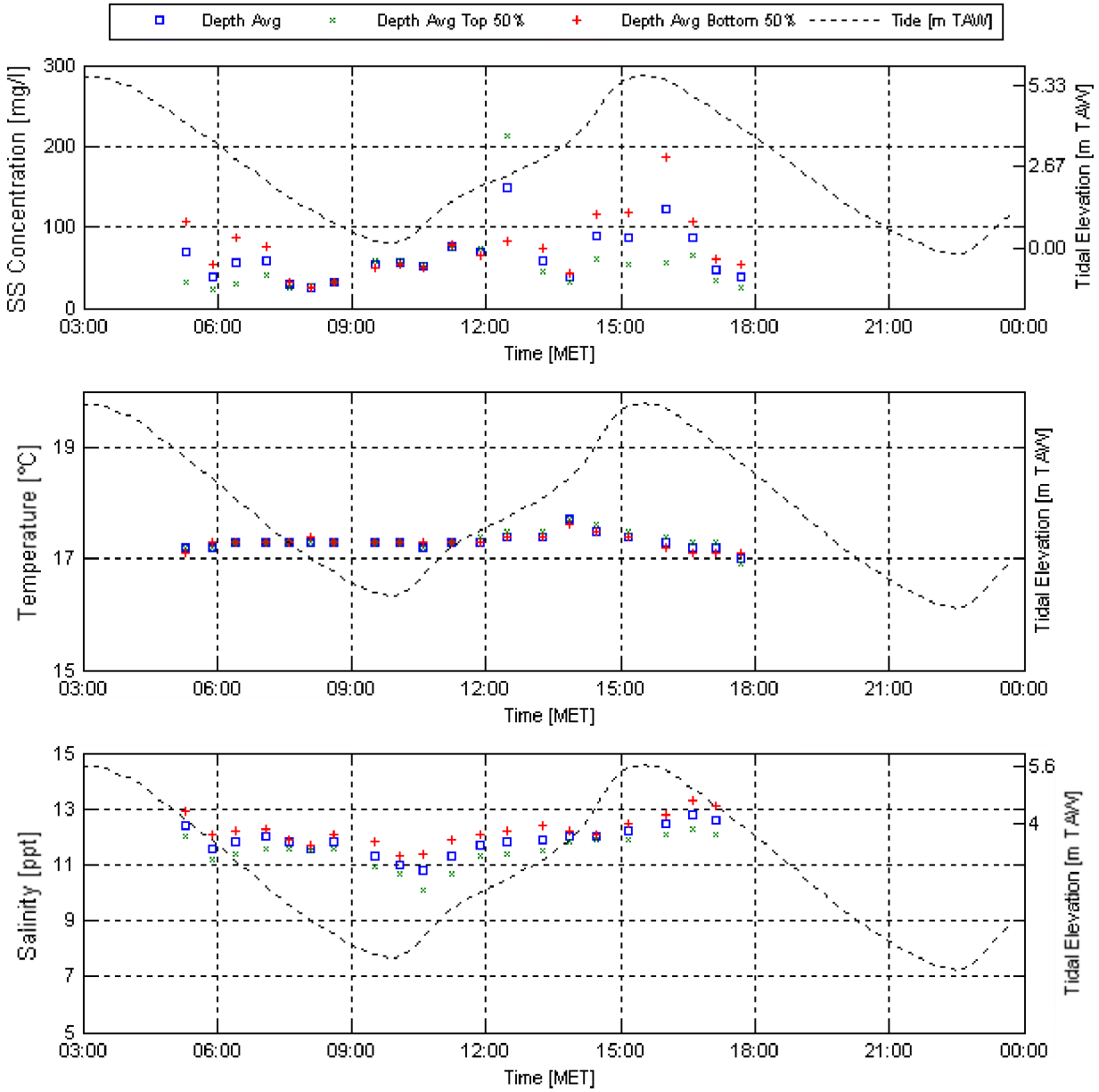
Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Yd



Date :

29-Sep-2008

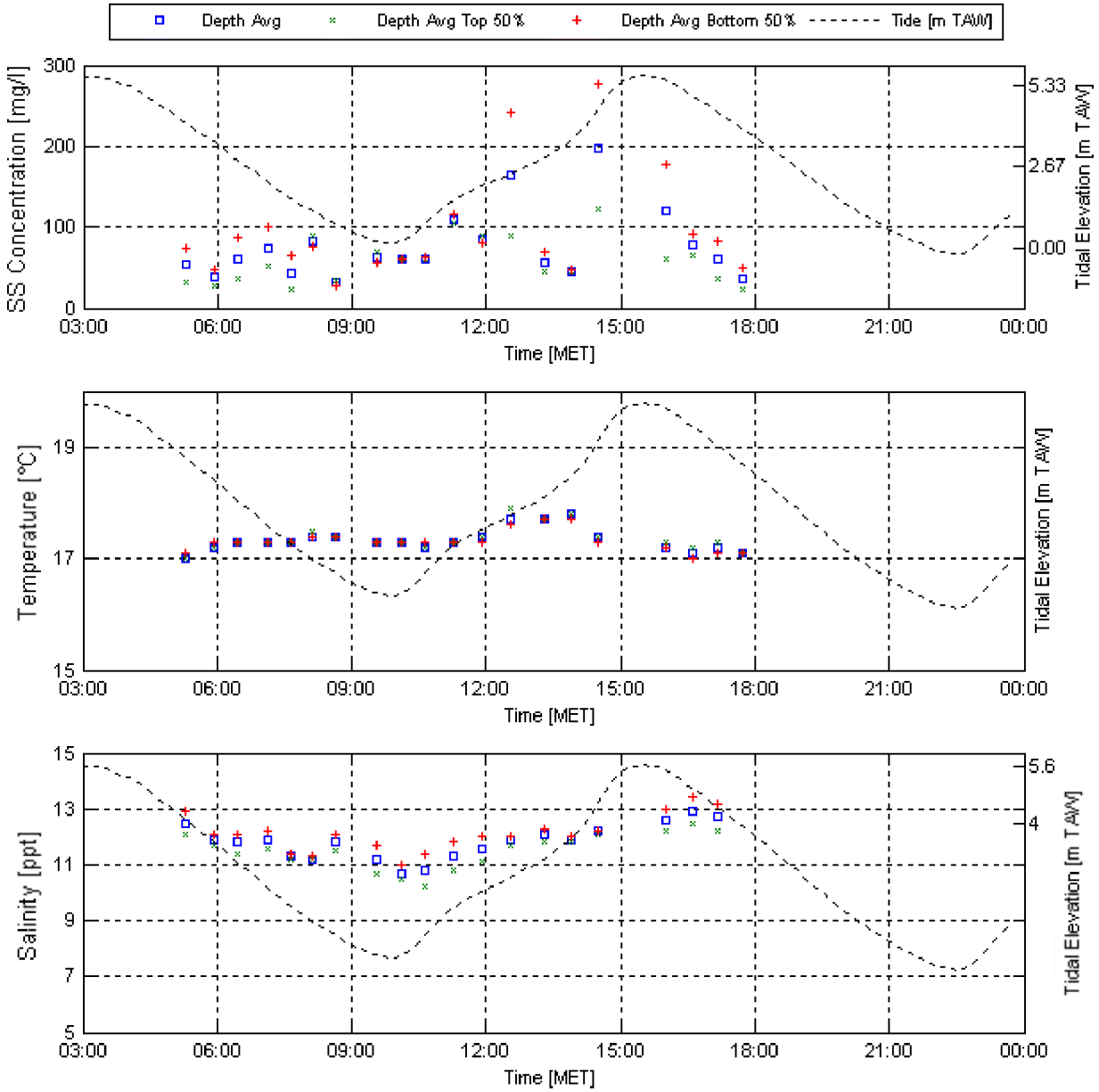
Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Ye



Date :

29-Sep-2008

Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
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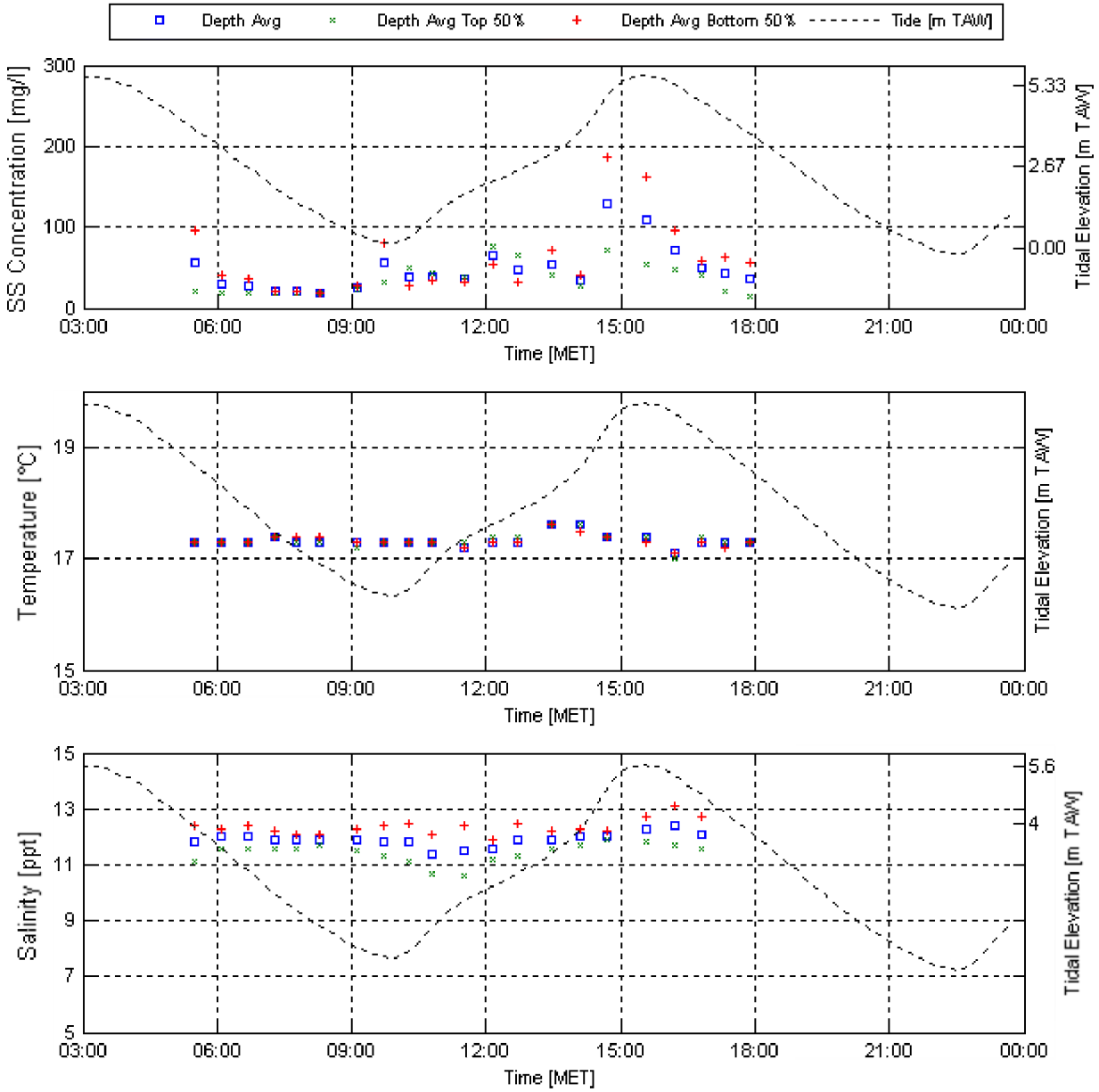


Date :

29-Sep-2008

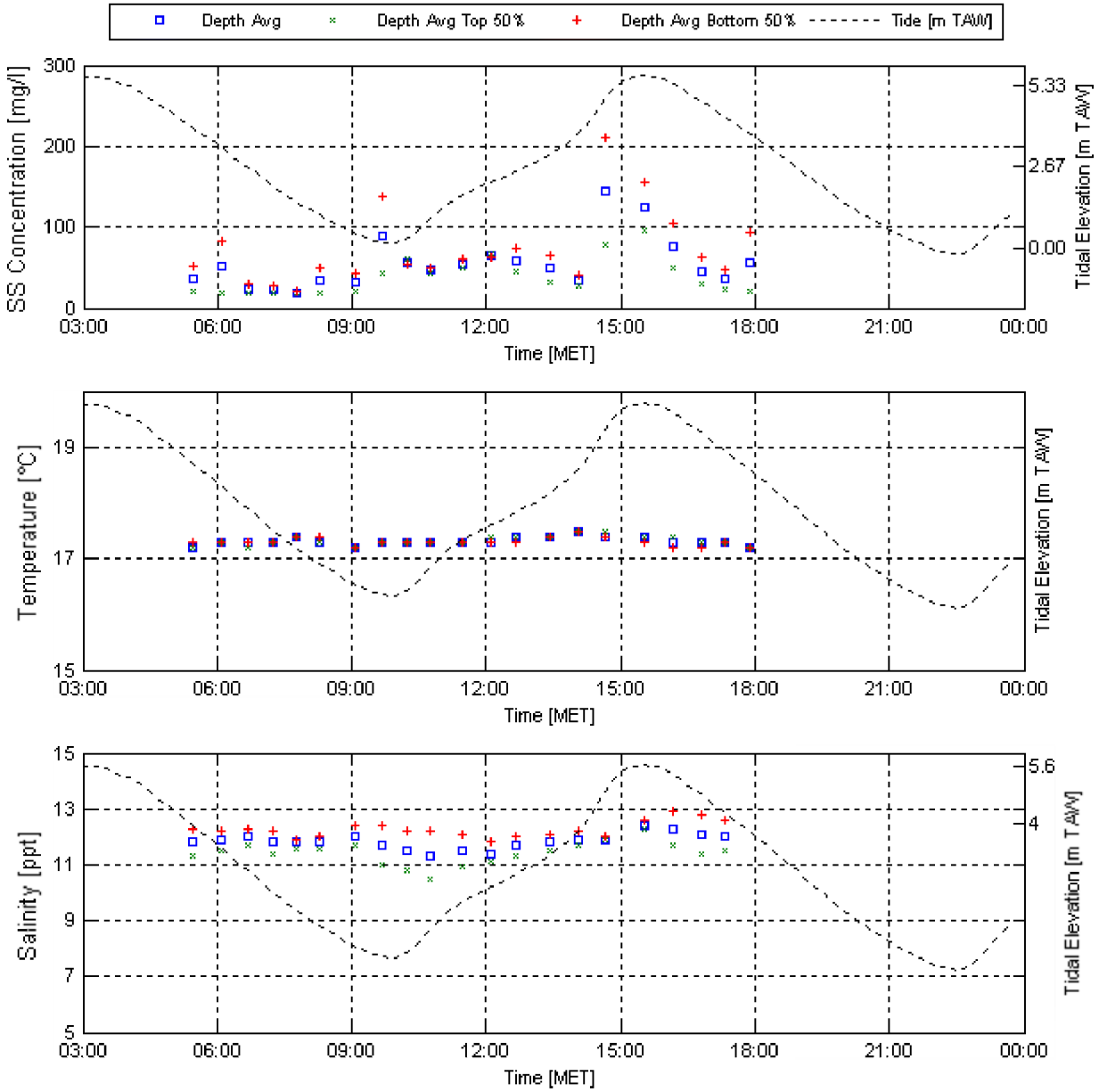
Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Zb



Date :

29-Sep-2008

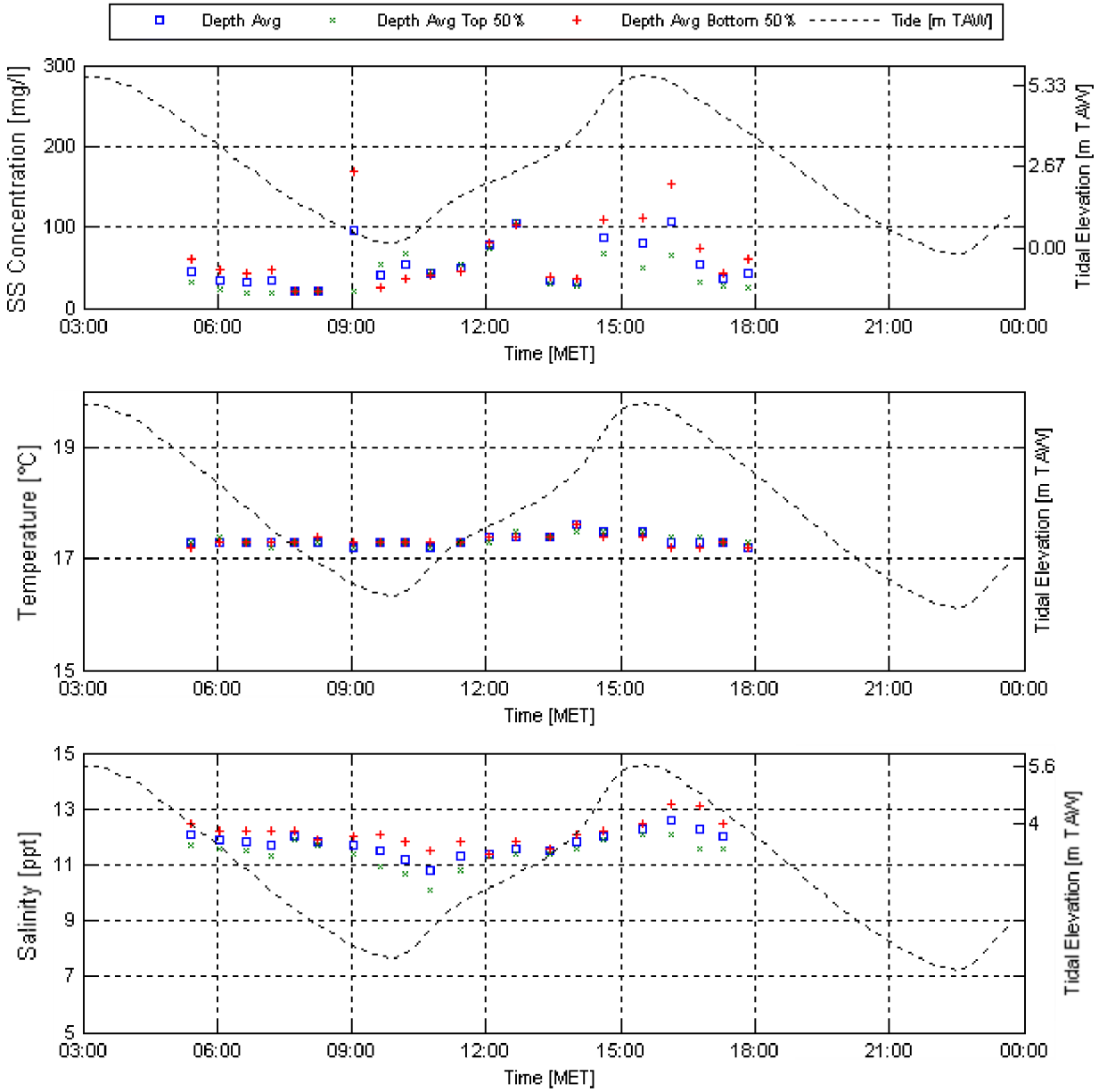
Data Processed by IMDC

In association with :

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Zc



Date :

29-Sep-2008

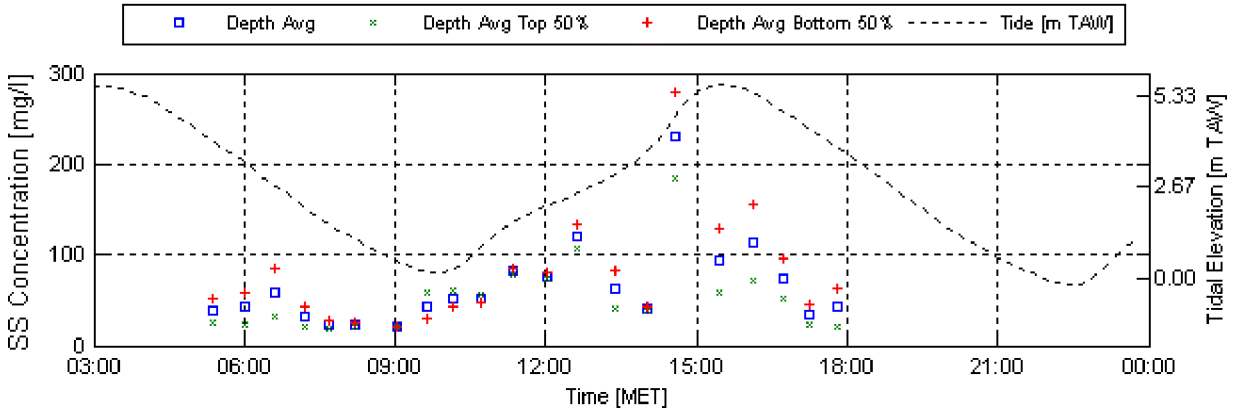
Data Processed by IMDC

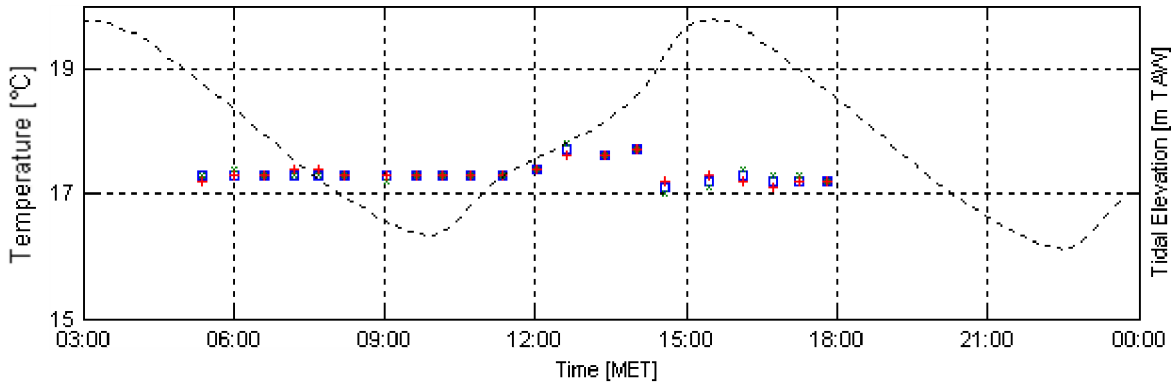
In association with :

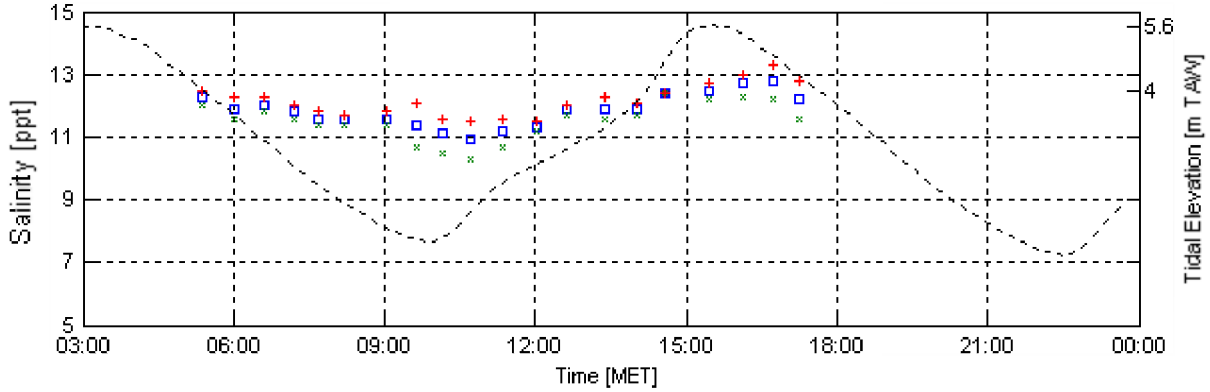
I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Zd



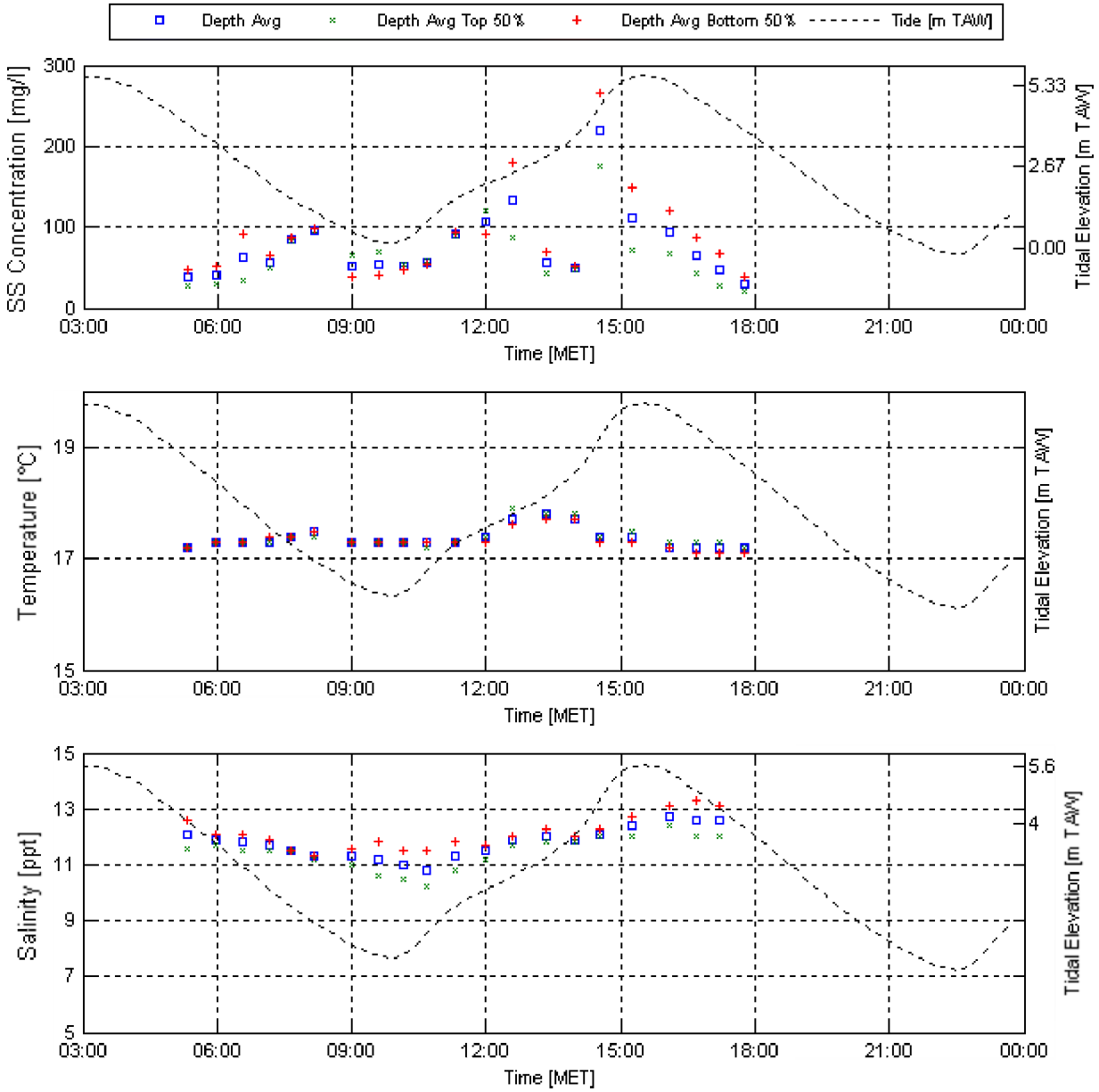




Date : 29-Sep-2008	Data Processed by IMDC In association with : I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283	Equipment(s): Siltprofiler & CTD-Diver
	Location: Deurganckdok - Ze



Date :

29-Sep-2008

Data Processed by IMDC

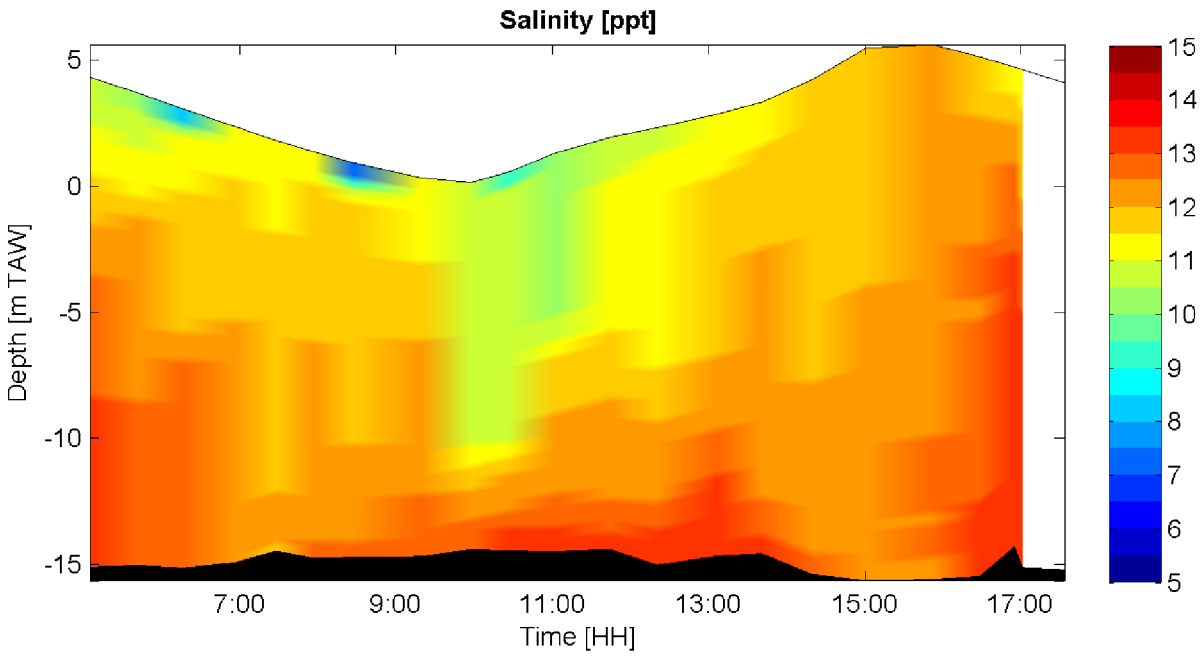
In association with :

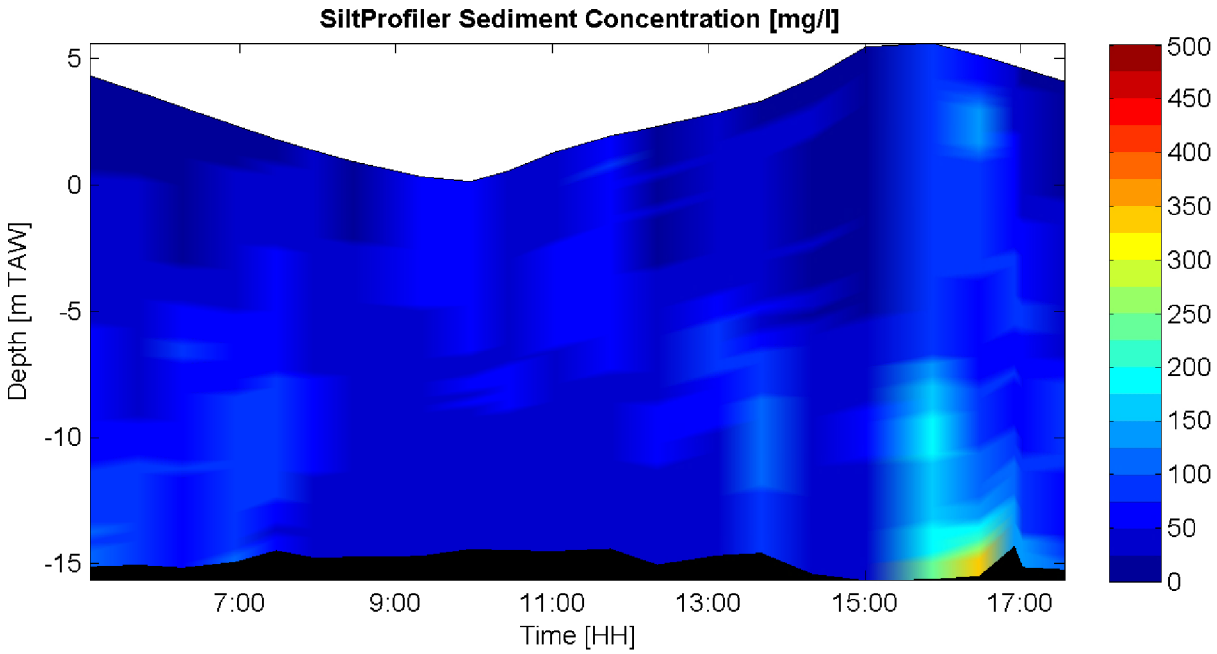
I/RA/11283/08.090/MSA

APPENDIX H. TIMESERIES

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Xa





Date :

29-Sep-2008

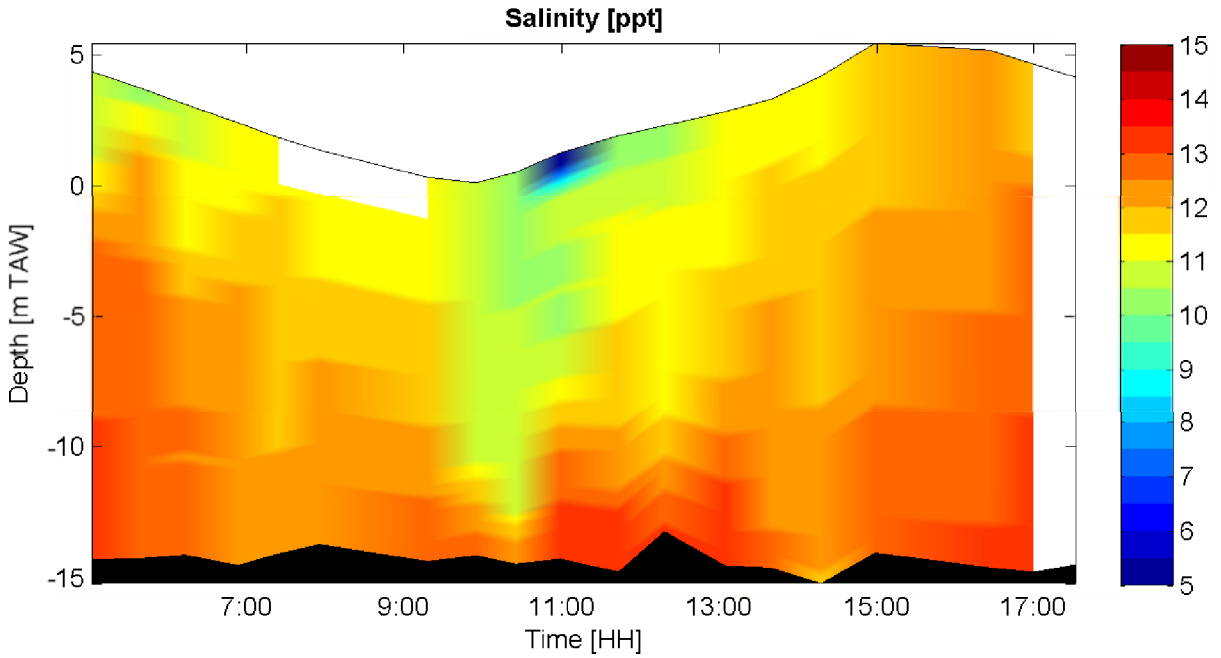
Data Processed by: IMDC

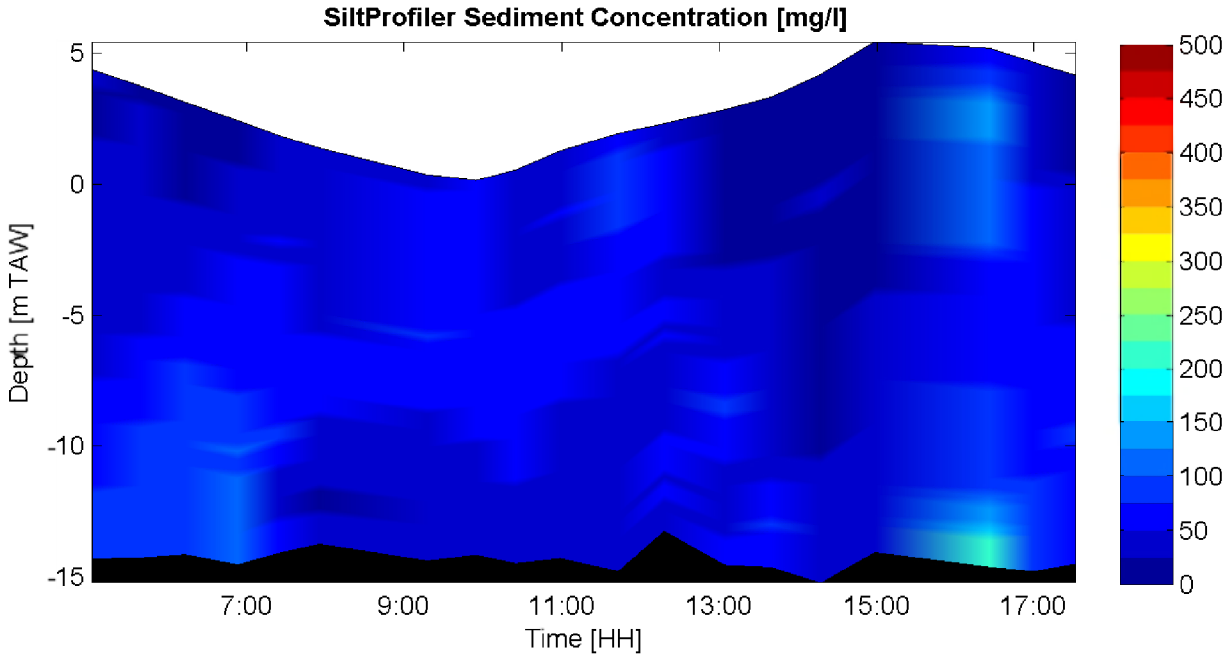
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Xb





Date :

29-Sep-2008

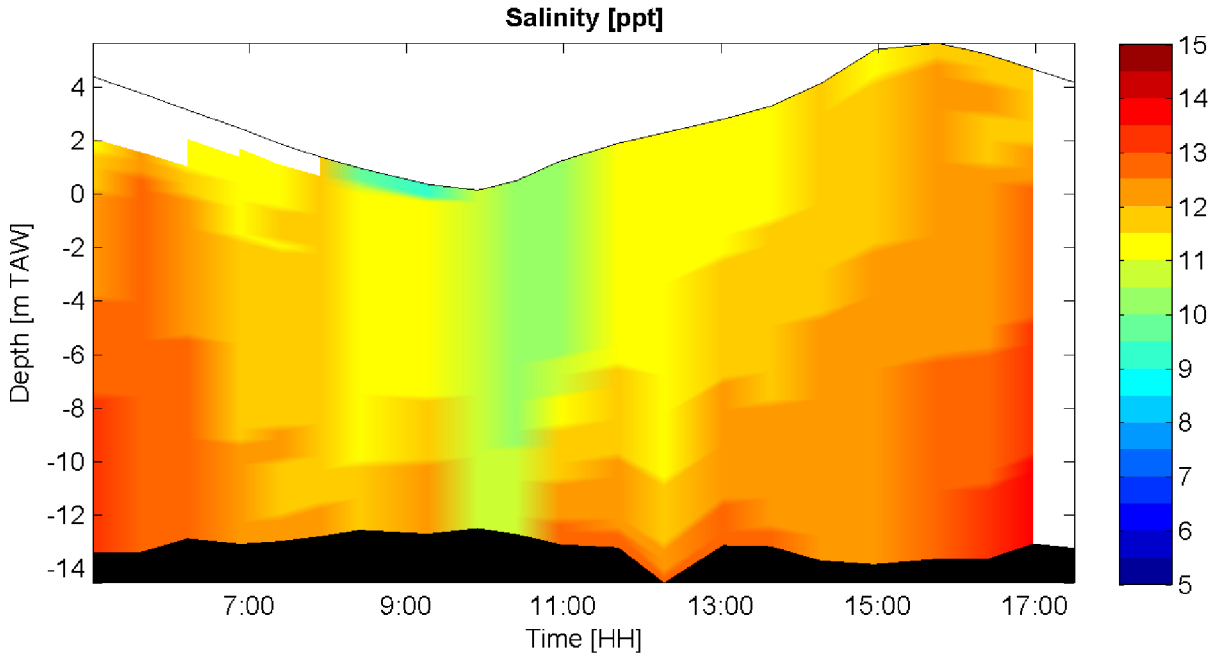
Data Processed by: IMDC

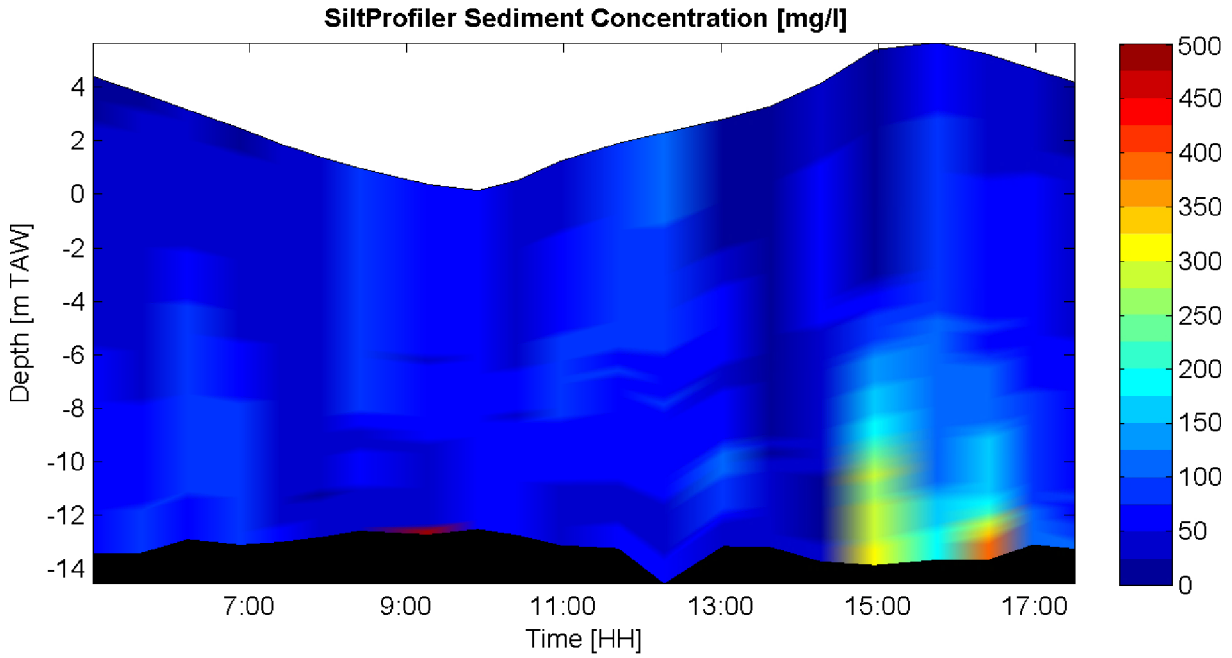
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Xc





Date :

29-Sep-2008

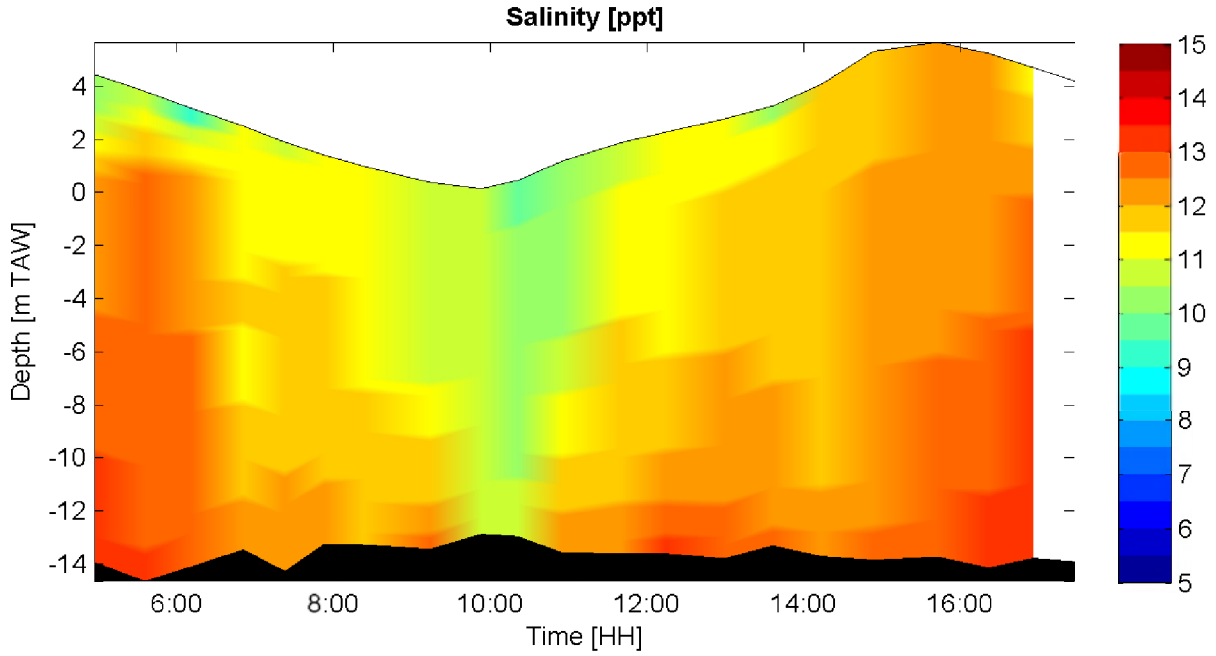
Data Processed by: IMDC

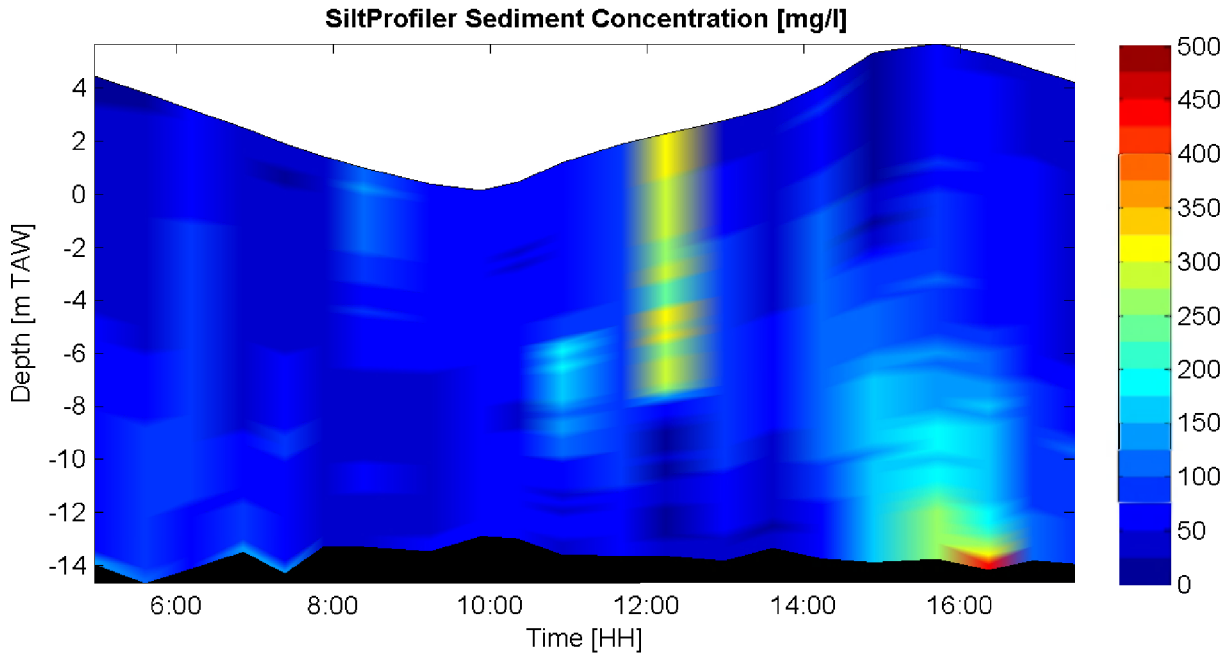
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Xd





Date :

29-Sep-2008

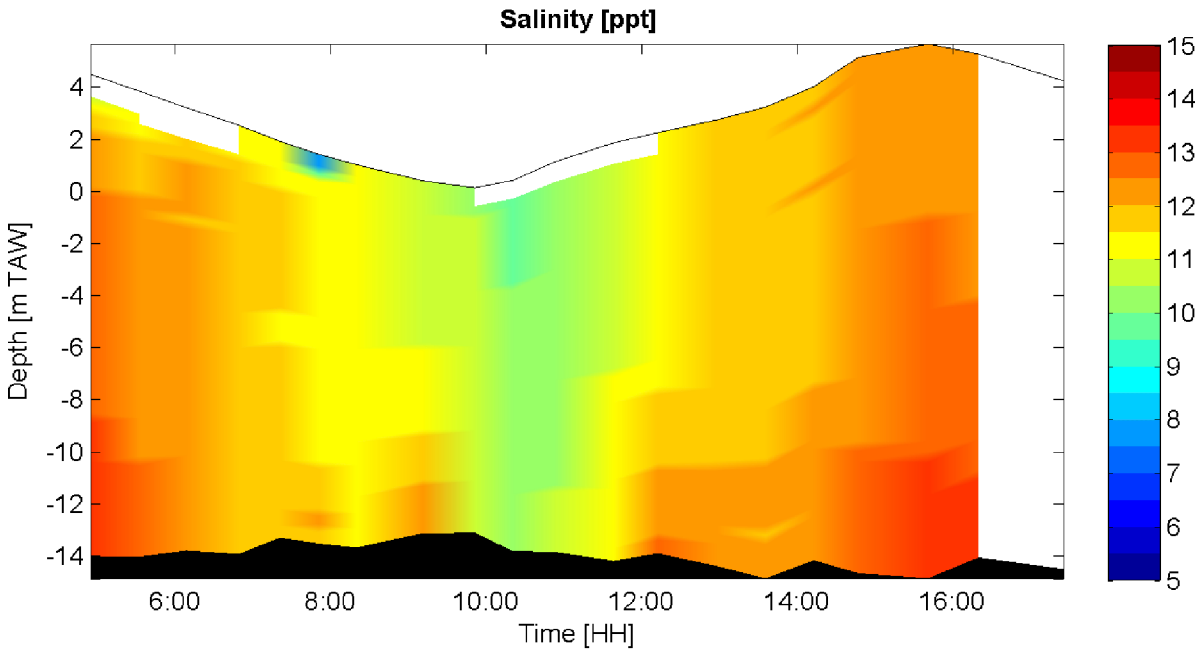
Data Processed by: IMDC

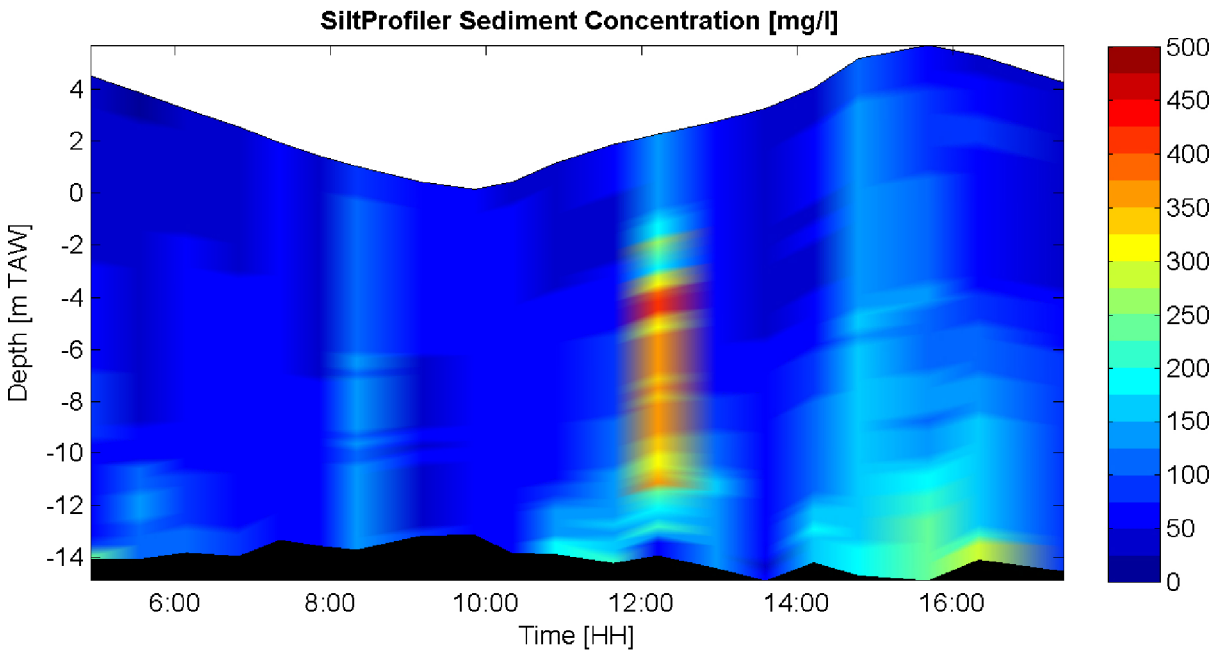
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Xe





Date :

29-Sep-2008

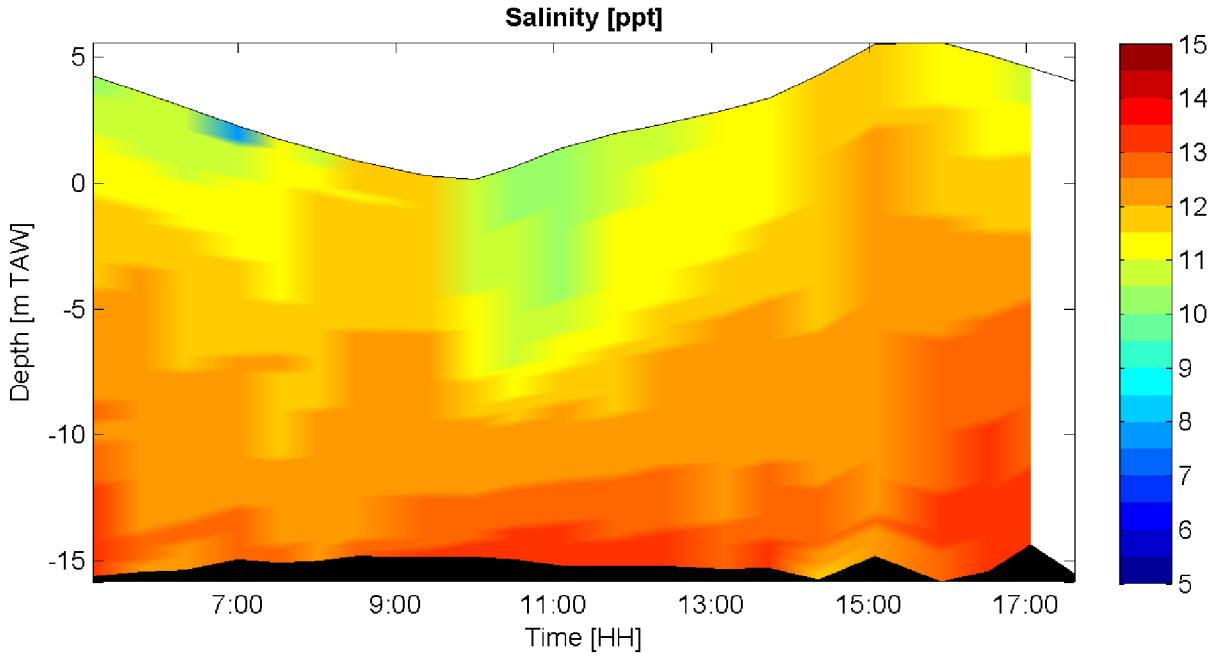
Data Processed by: IMDC

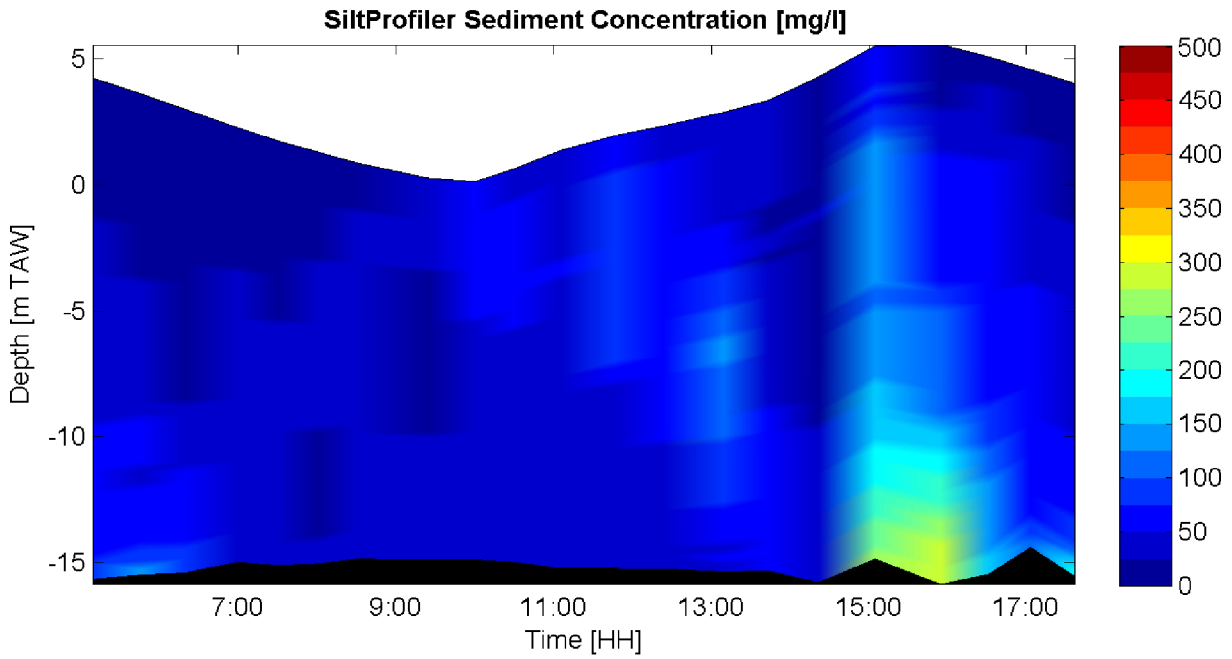
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Ya





Date :

29-Sep-2008

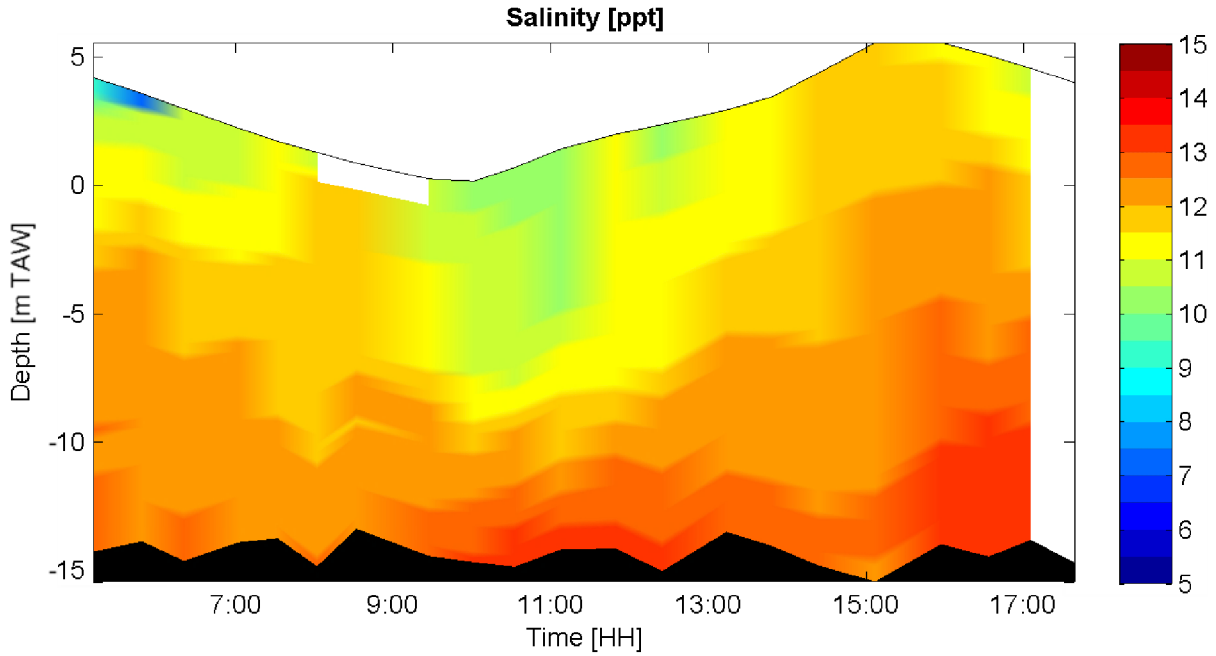
Data Processed by: IMDC

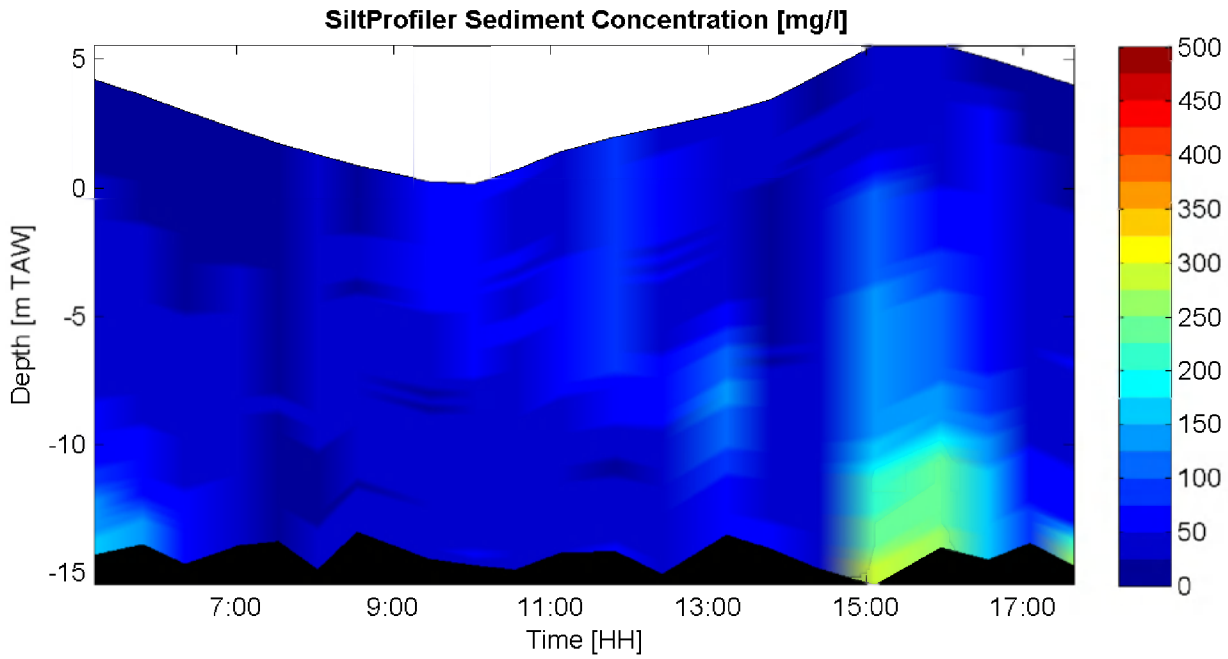
In association with : w | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Yb





Date :

29-Sep-2008

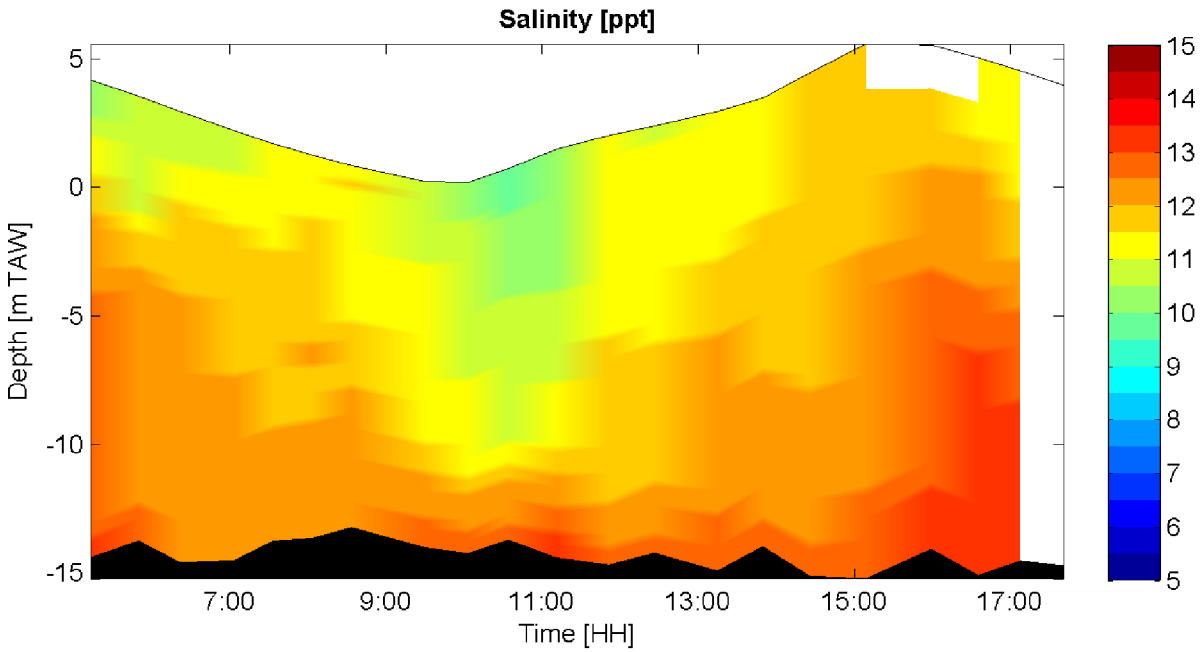
Data Processed by: IMDC

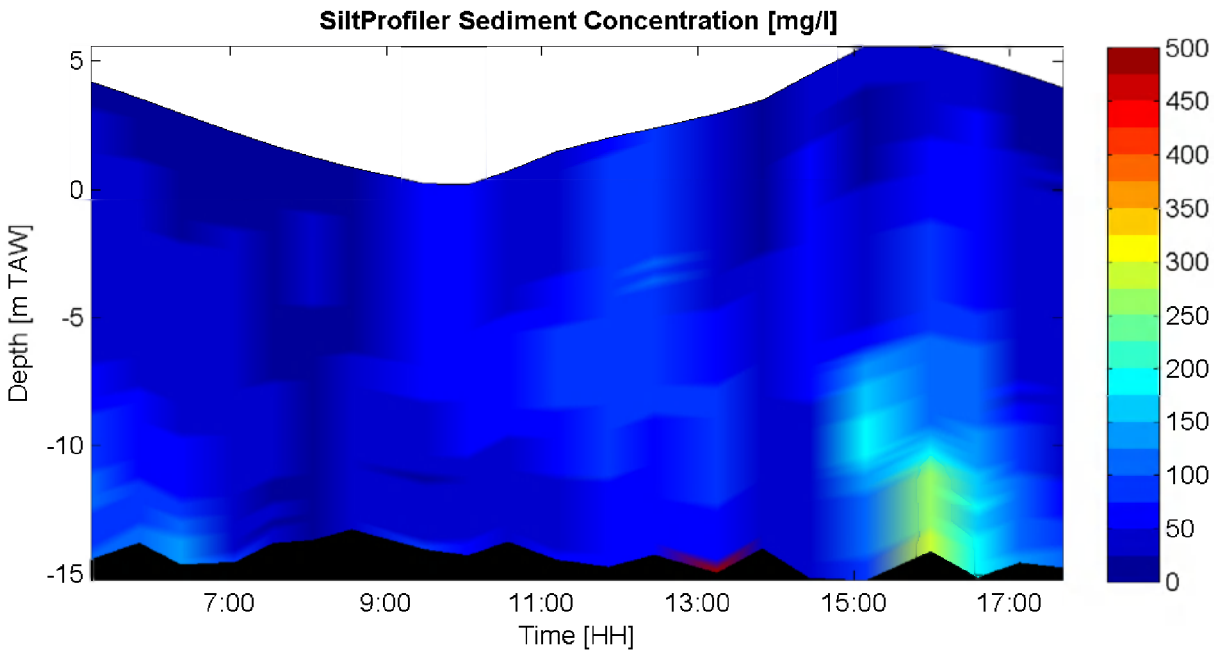
In association with : w | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Yc





Date :

29-Sep-2008

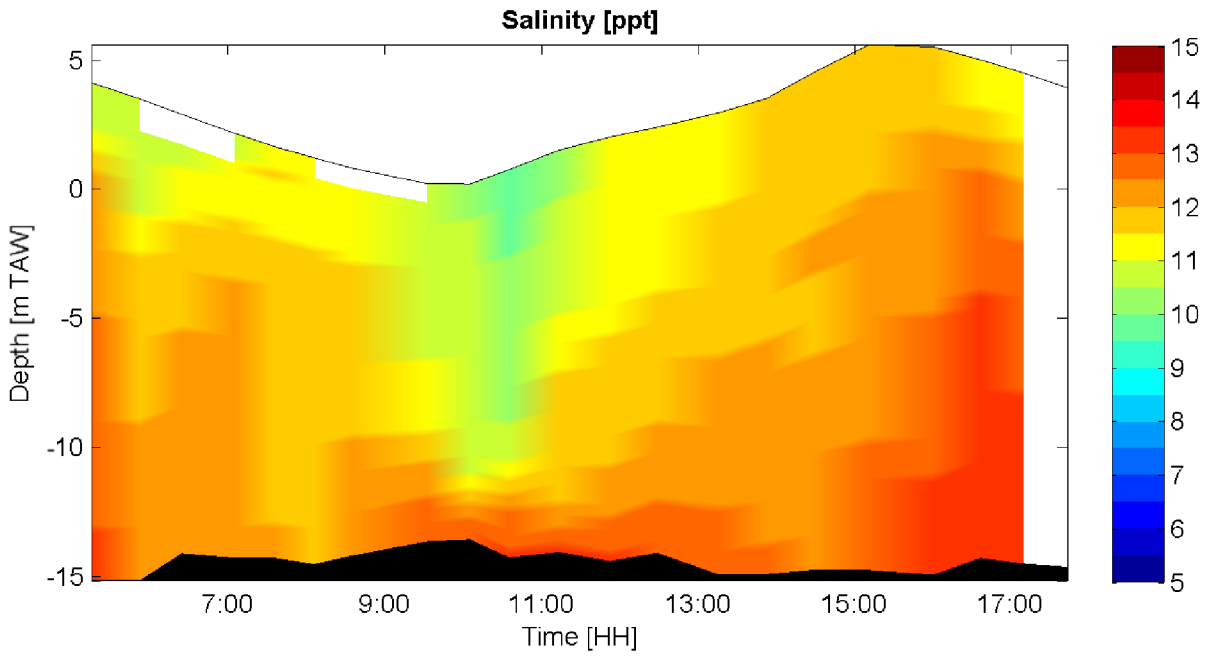
Data Processed by: IMDC

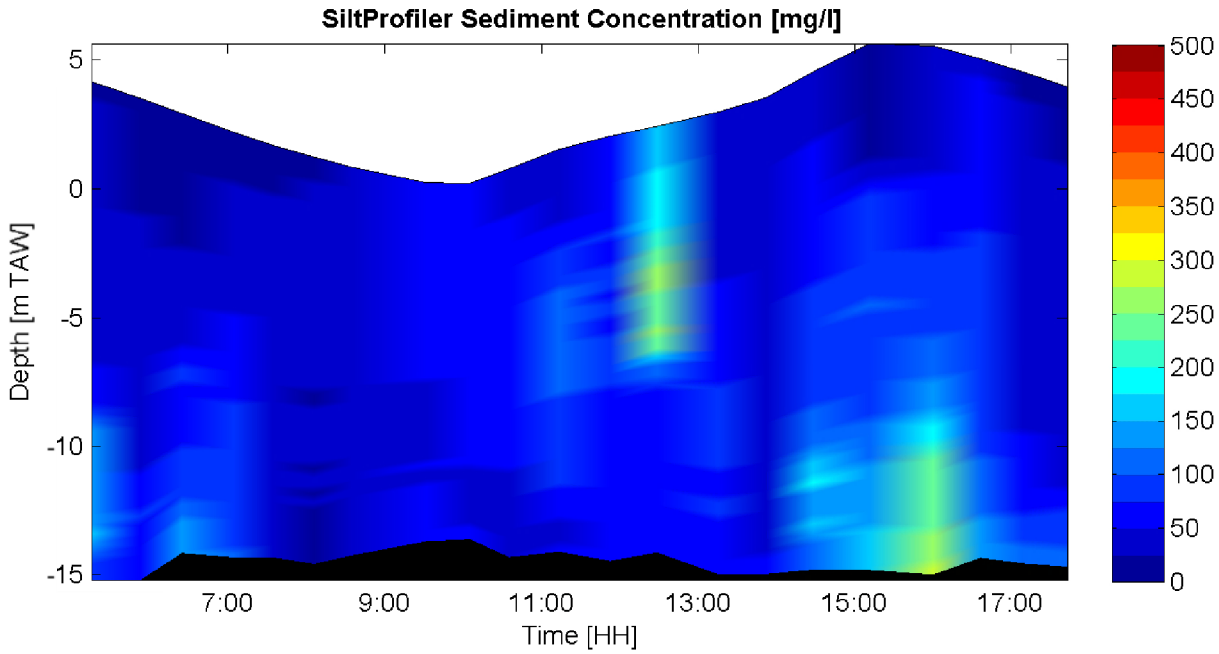
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Yd





Date :

29-Sep-2008

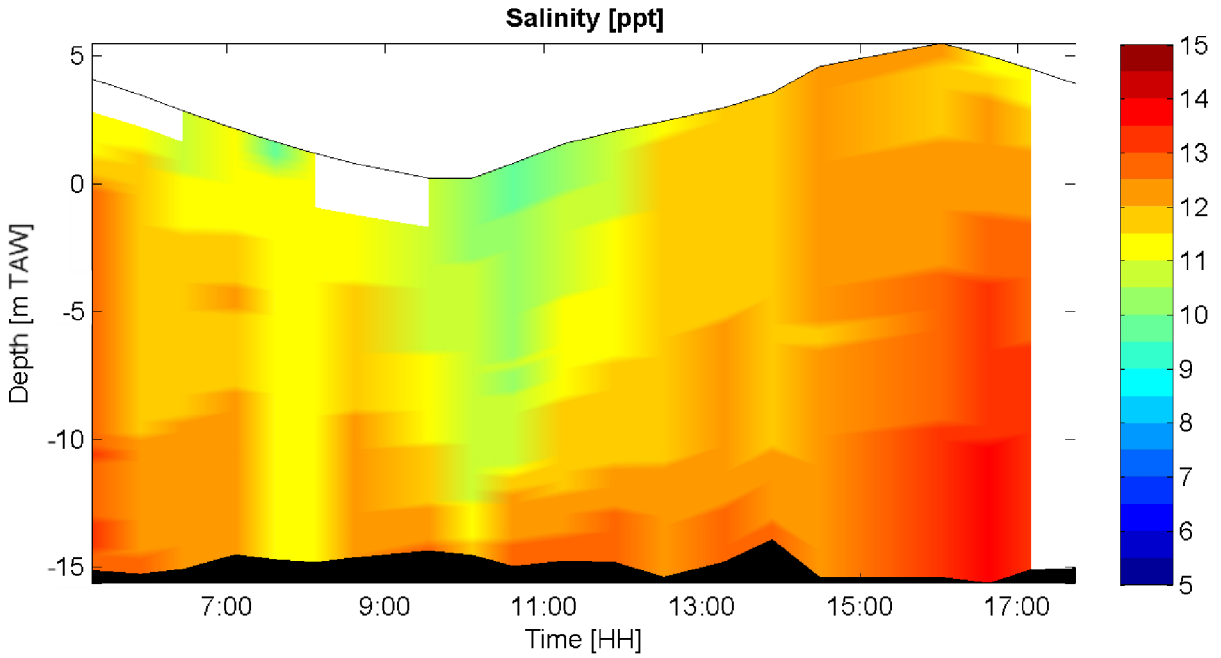
Data Processed by: IMDC

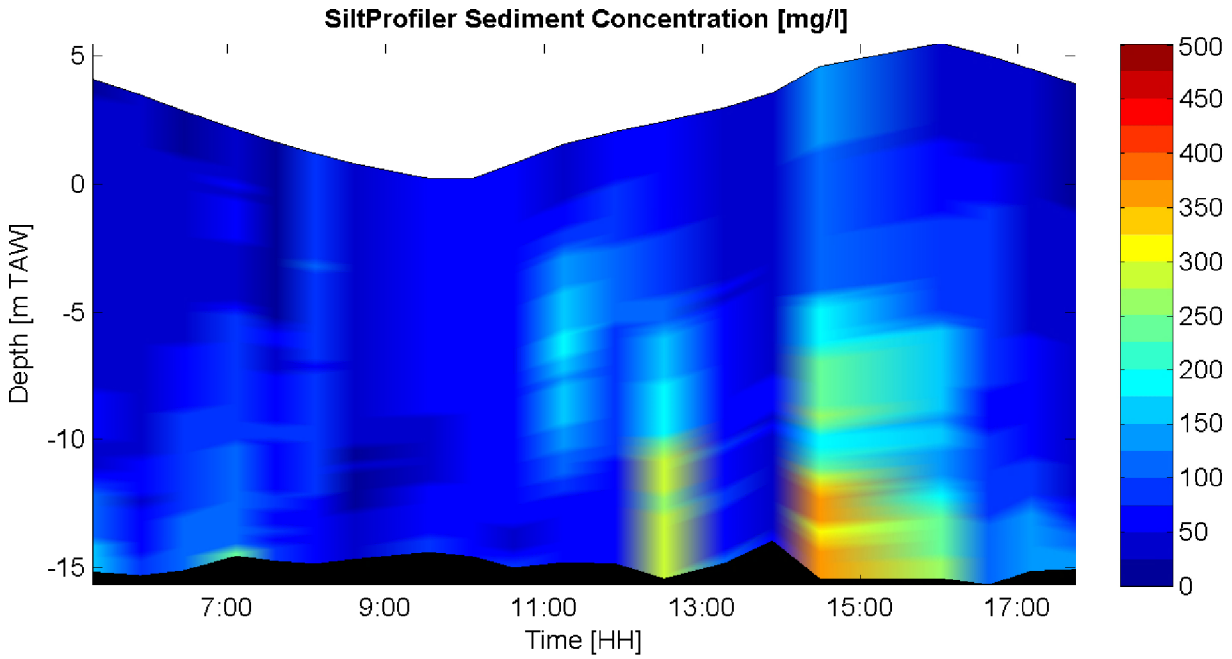
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Ye





Date :

29-Sep-2008

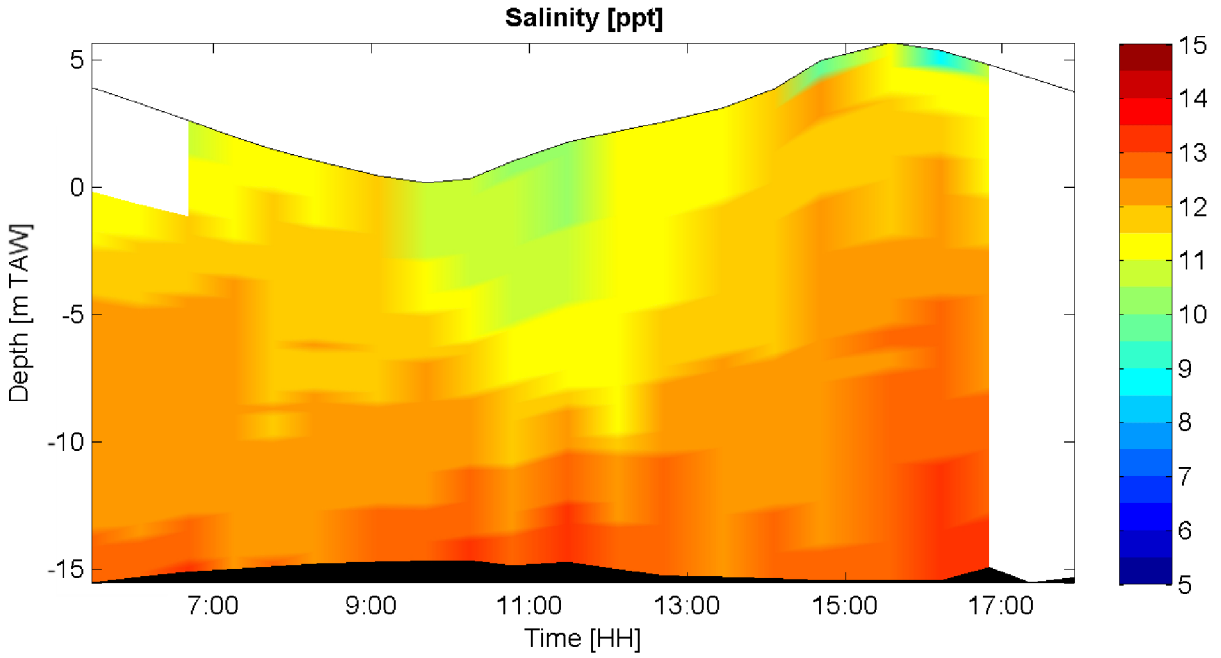
Data Processed by: IMDC

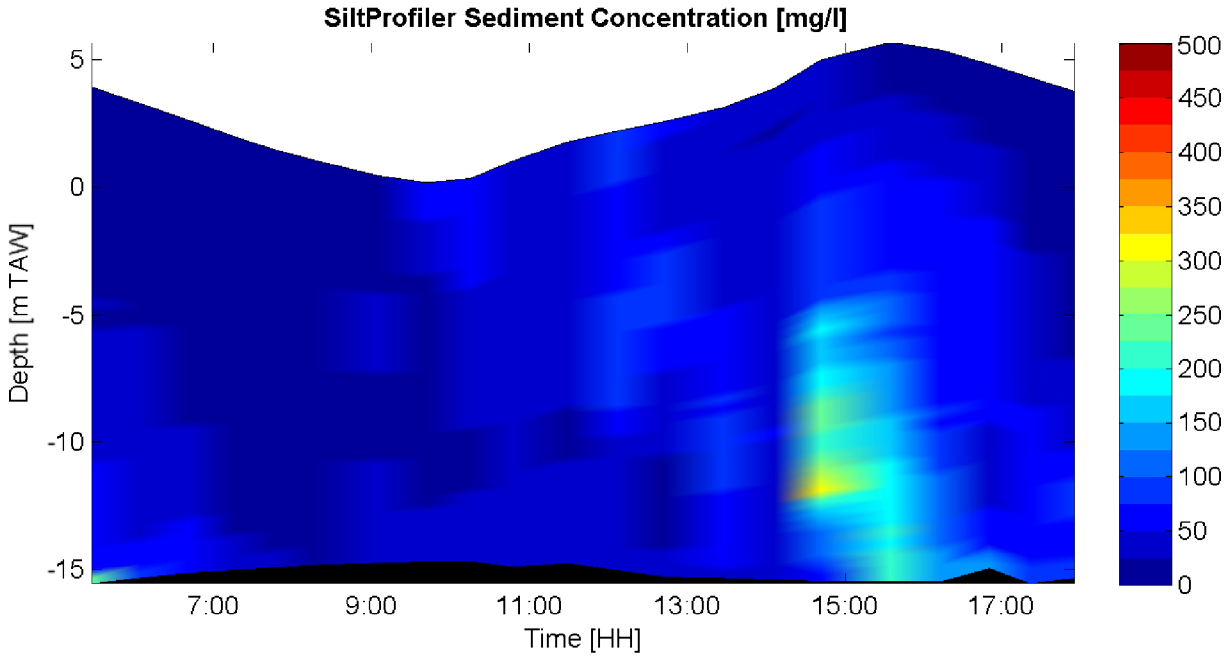
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Za





Date :

29-Sep-2008

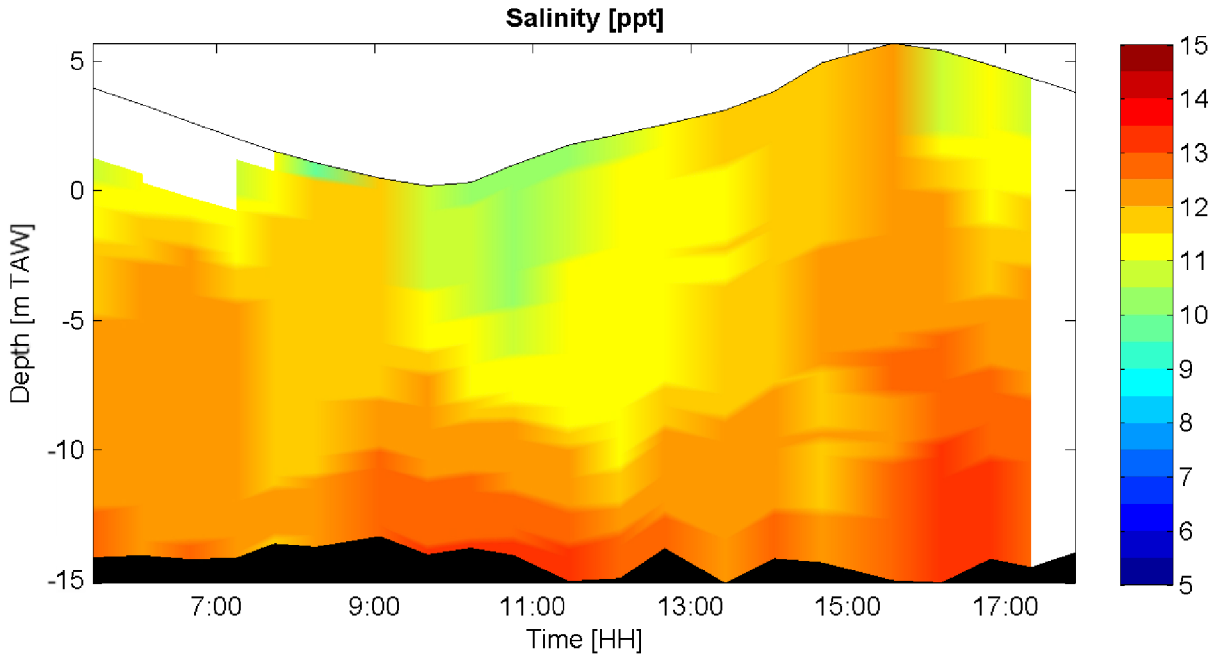
Data Processed by: IMDC

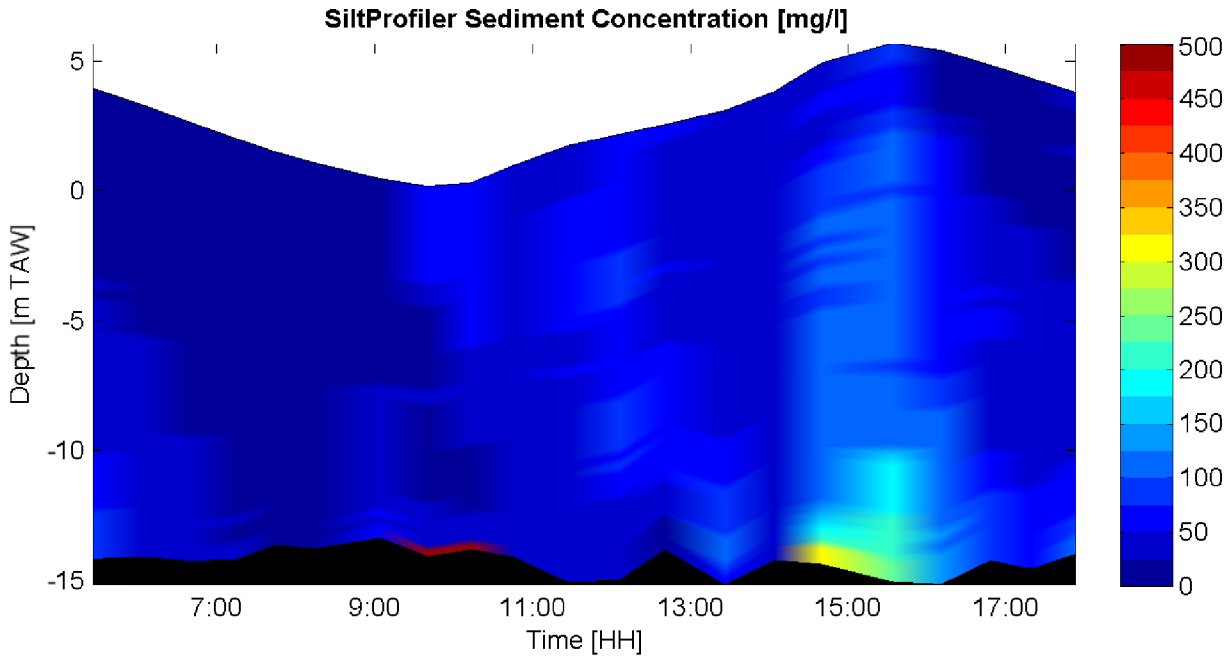
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Zb





Date :

29-Sep-2008

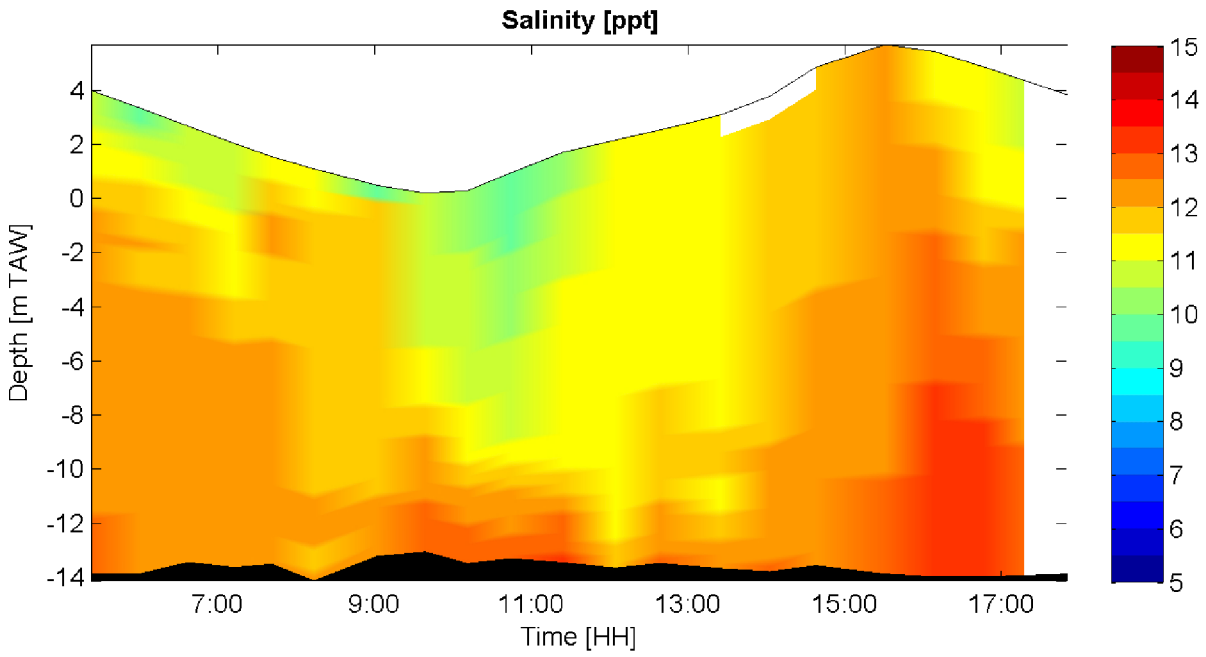
Data Processed by: IMDC

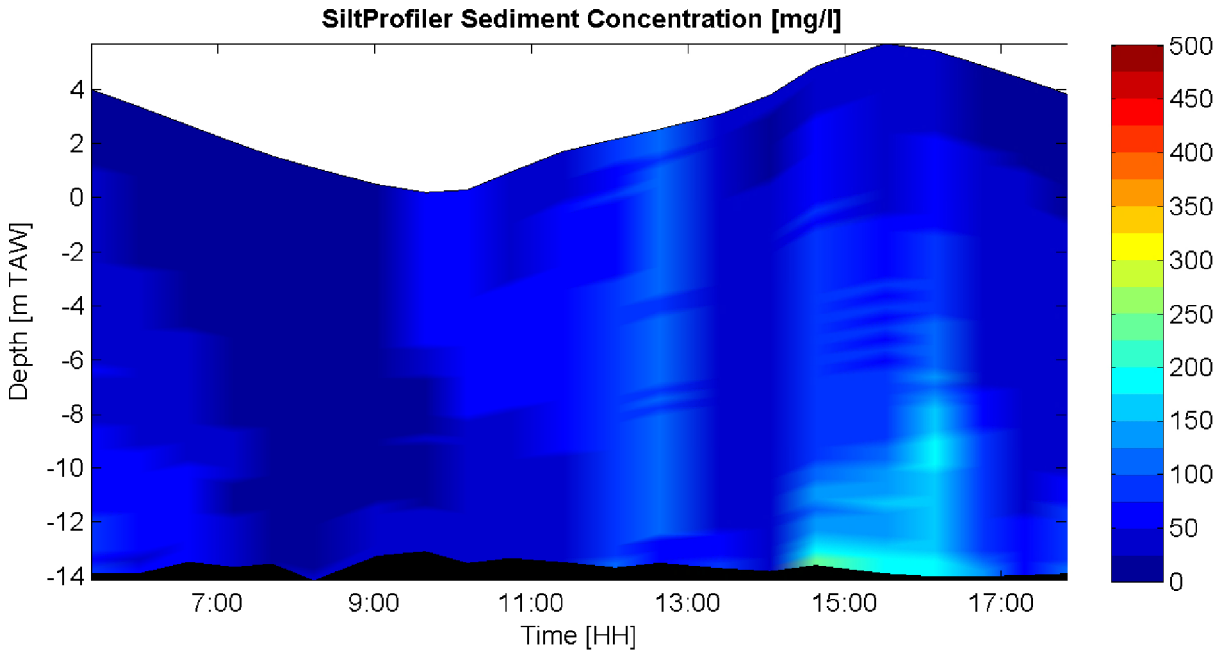
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Zc





Date :

29-Sep-2008

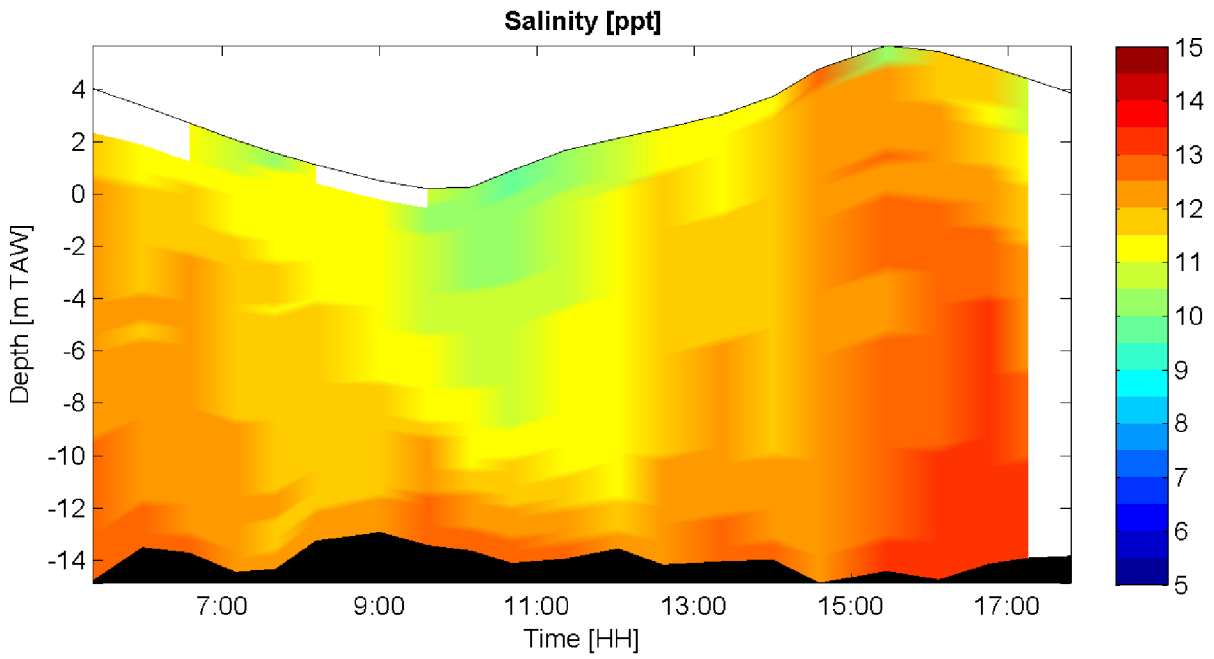
Data Processed by: IMDC

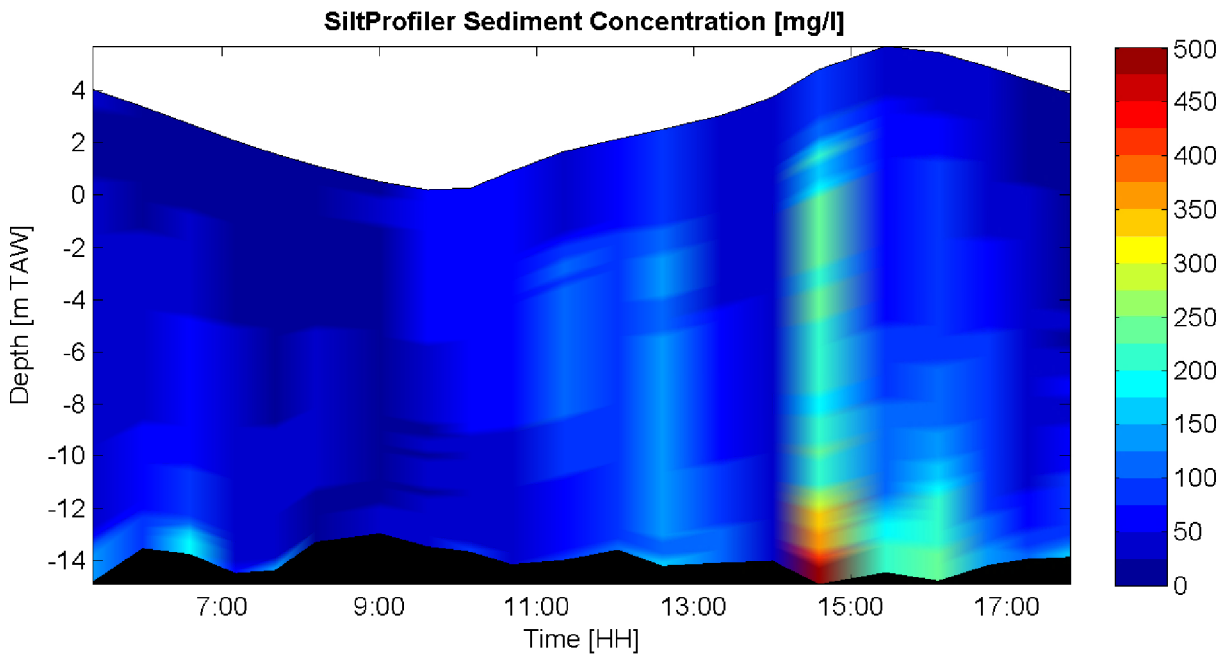
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Zd

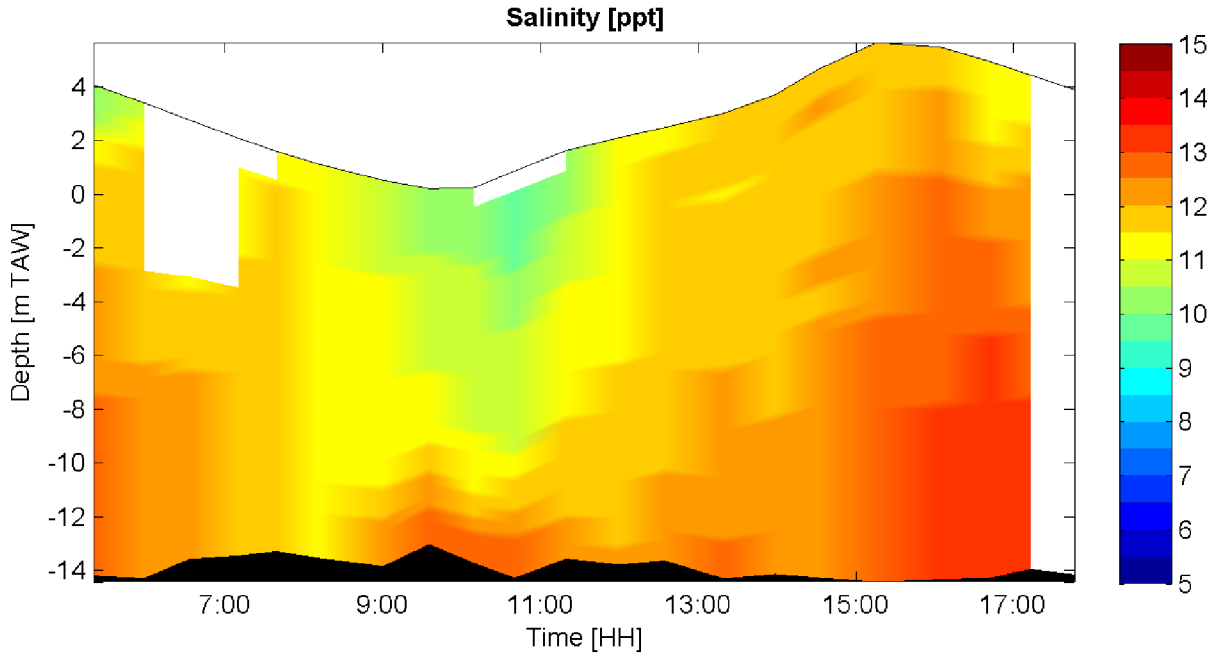


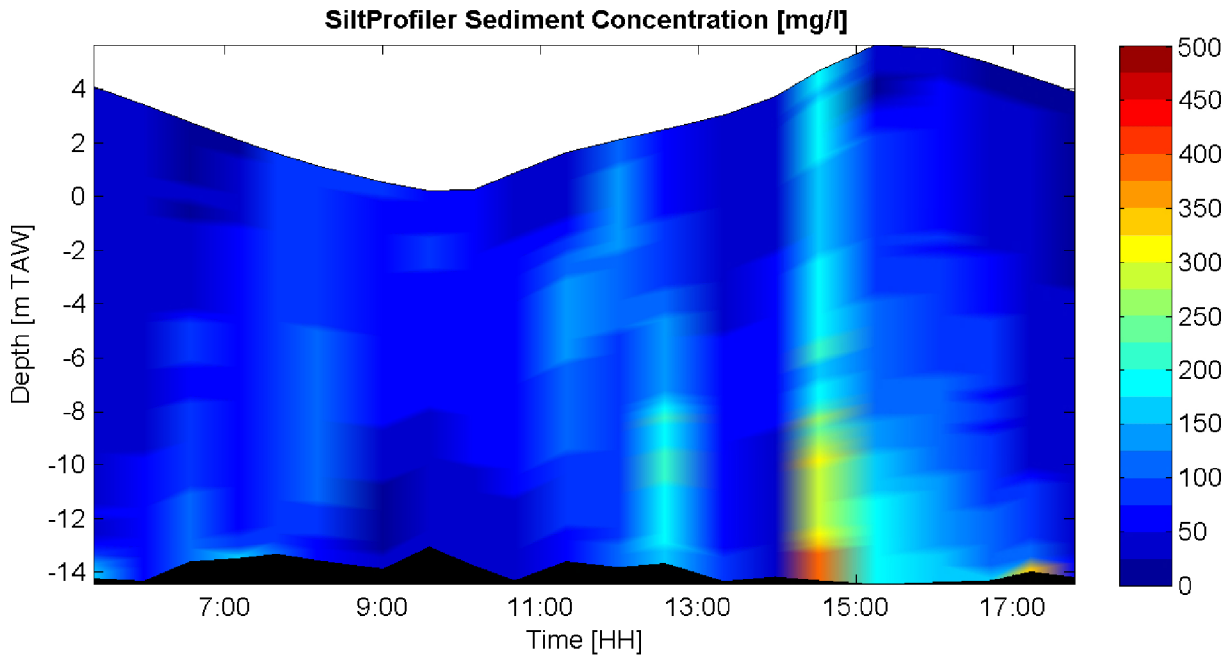


Date : 29-Sep-2008	Data Processed by: IMDC In association with : wl | delft hydraulics I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): CTD-Diver & SiltProfiler
Sourcefile(s): *.sil *.sil	Location: Deurganckdok-Ze





Date :

29-Sep-2008

Data Processed by: IMDC

In association with : w | delft hydraulics

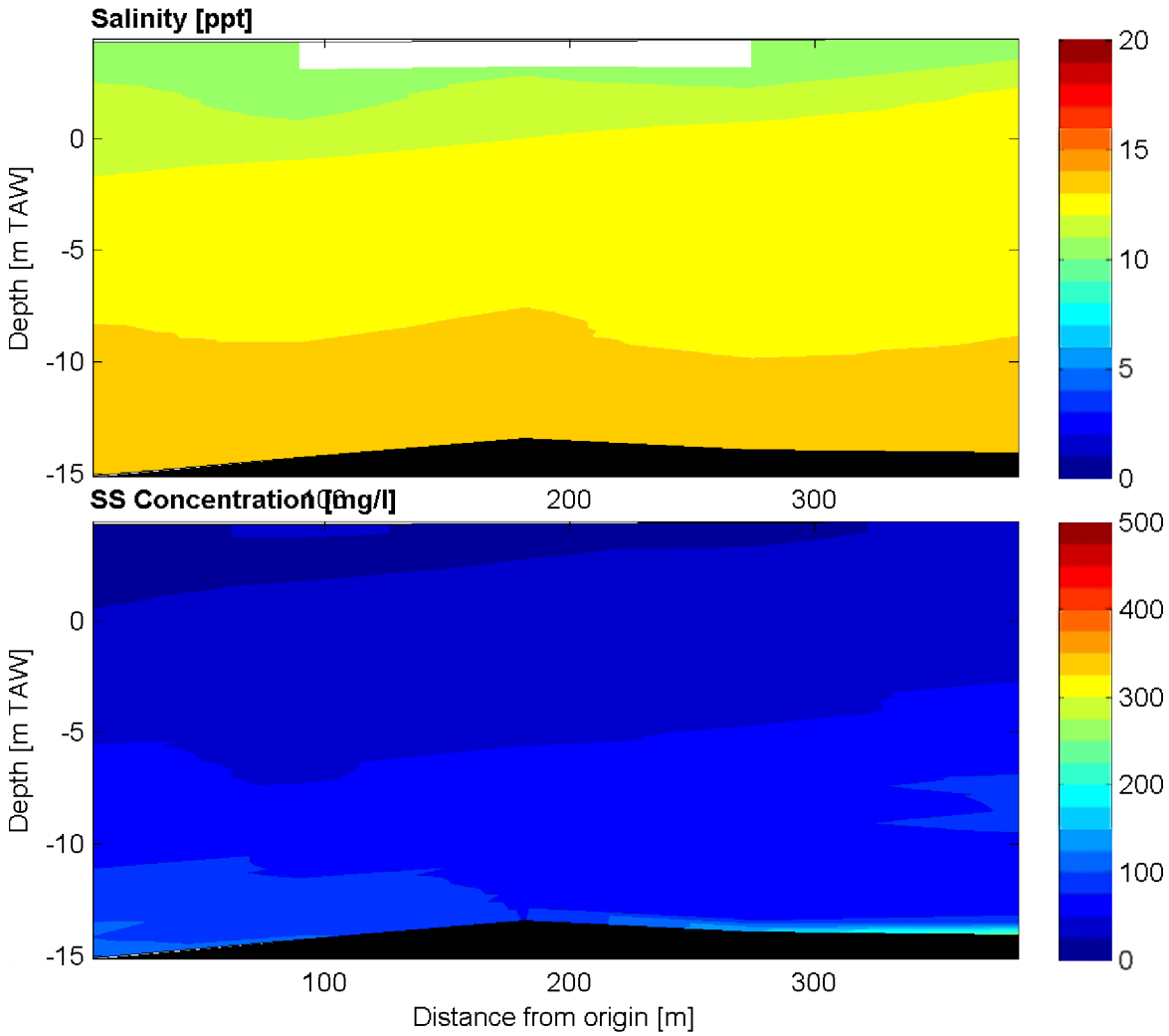
I/RA/11283/08.090/MSA

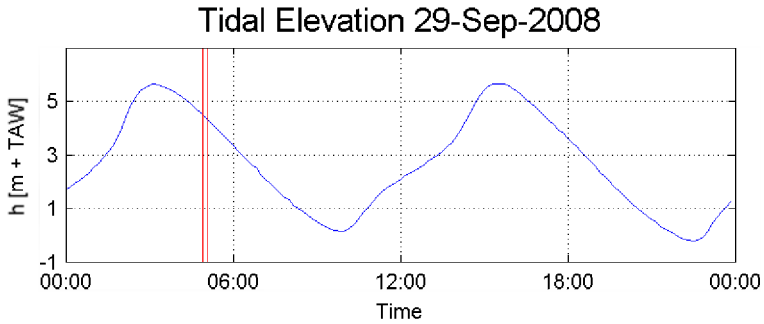
APPENDIX I. TRANSECT SUSPENDED SEDIMENT CONCENTRATION AND SALINITY DISTRIBUTION

I.1 Cross-section X

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8008xa.sil - 8004xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:05 - 04:55

Time after HW [HH:MM]

1:50

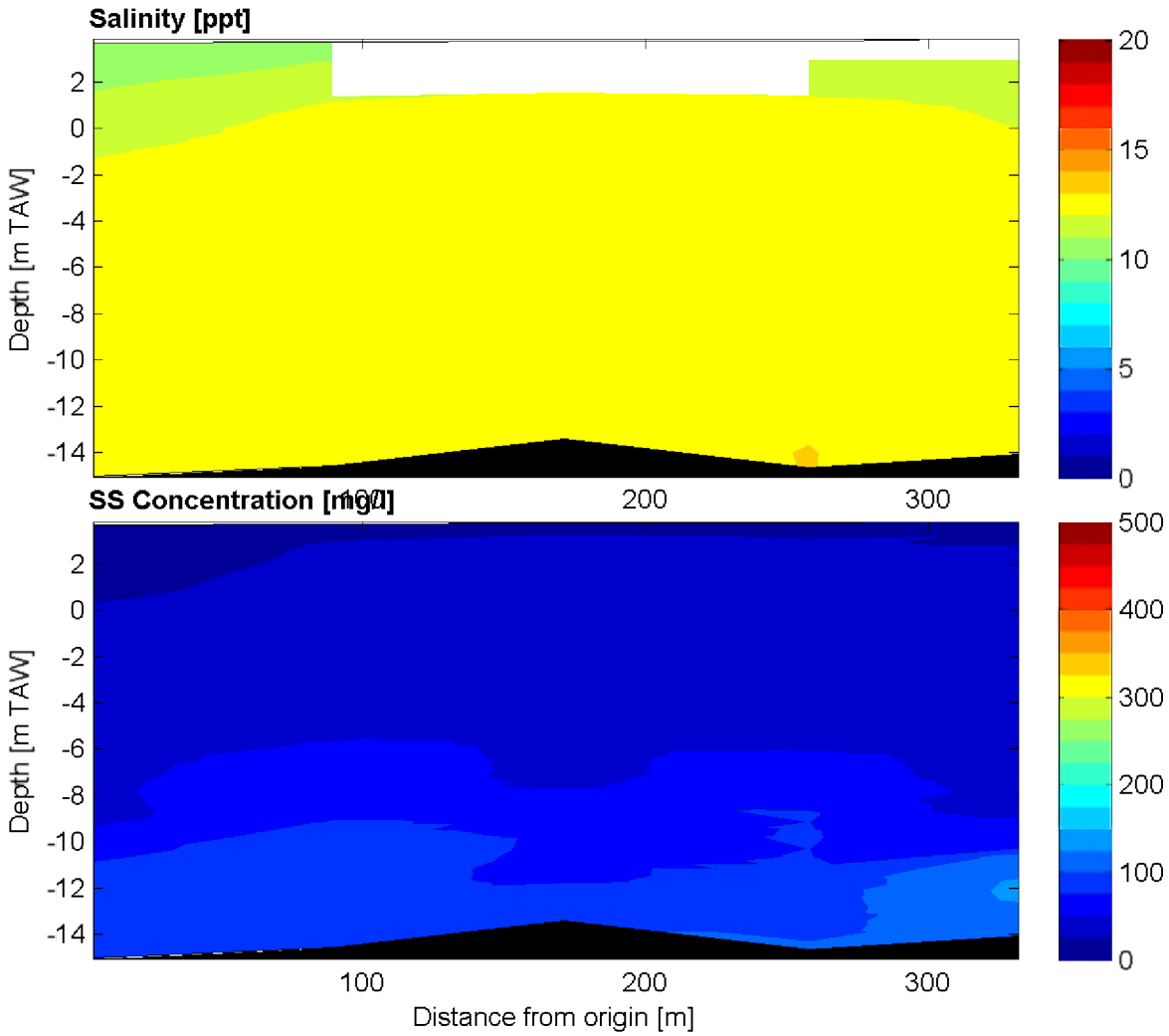
Data Processed by: IMDC

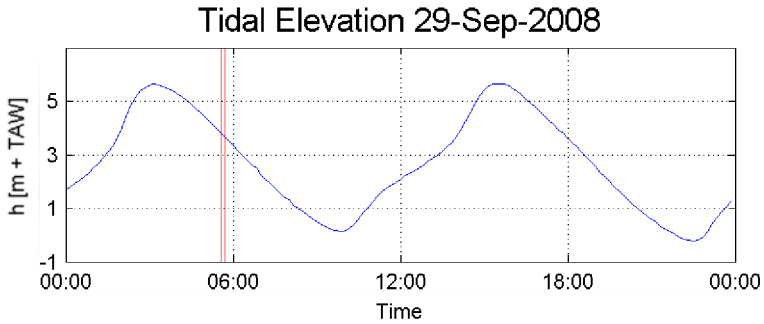
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8023xa.sil - 8019xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:42 - 05:33

Time after HW [HH:MM]

2:28

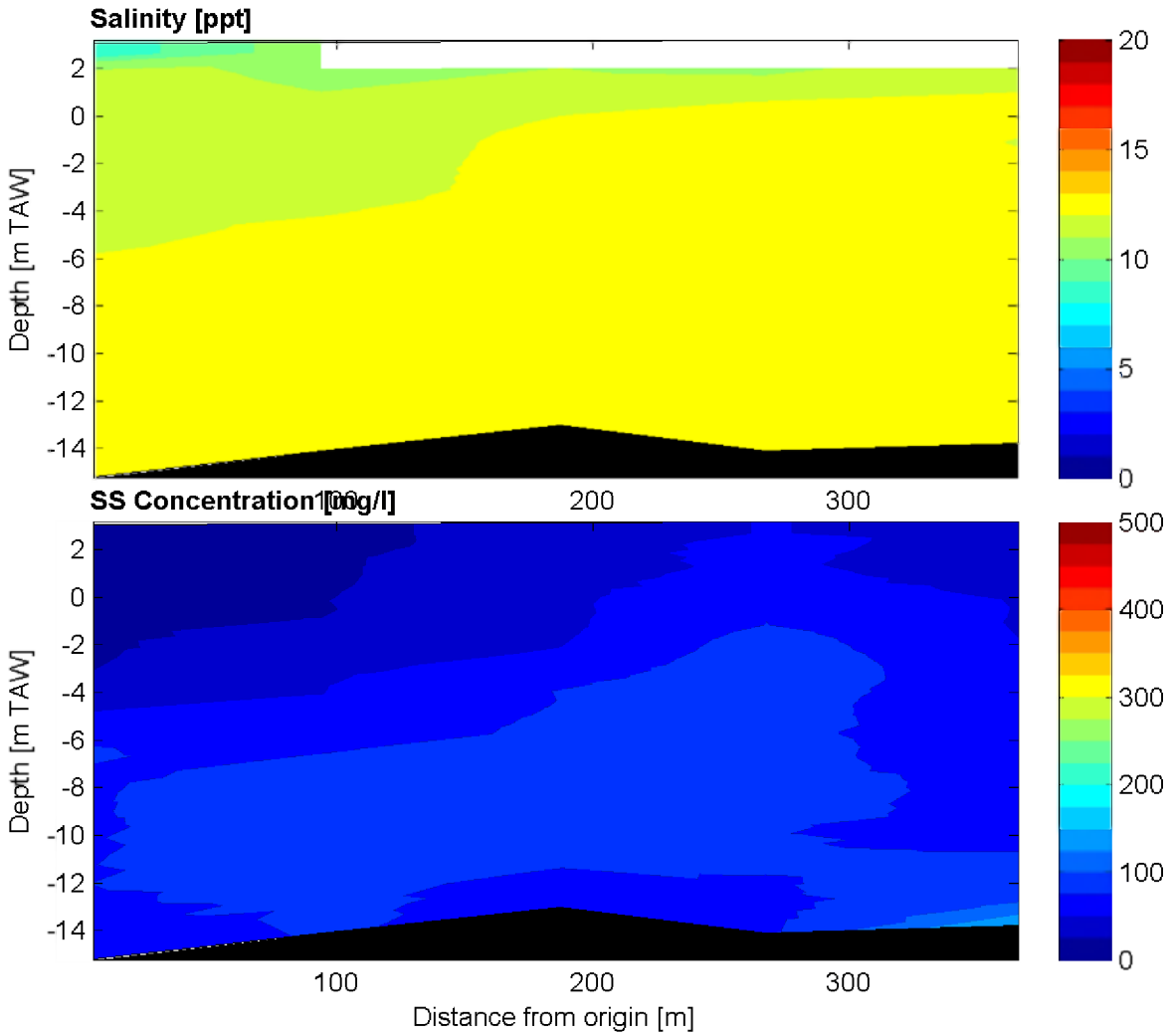
Data Processed by: IMDC

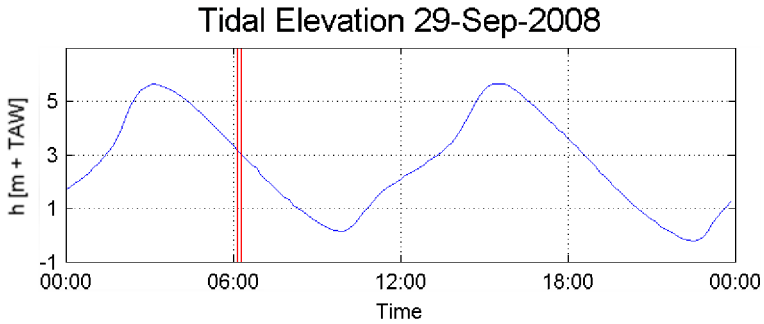
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8038xa.sil - 8034xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

06:16 - 06:09

Time after HW [HH:MM]

3:03

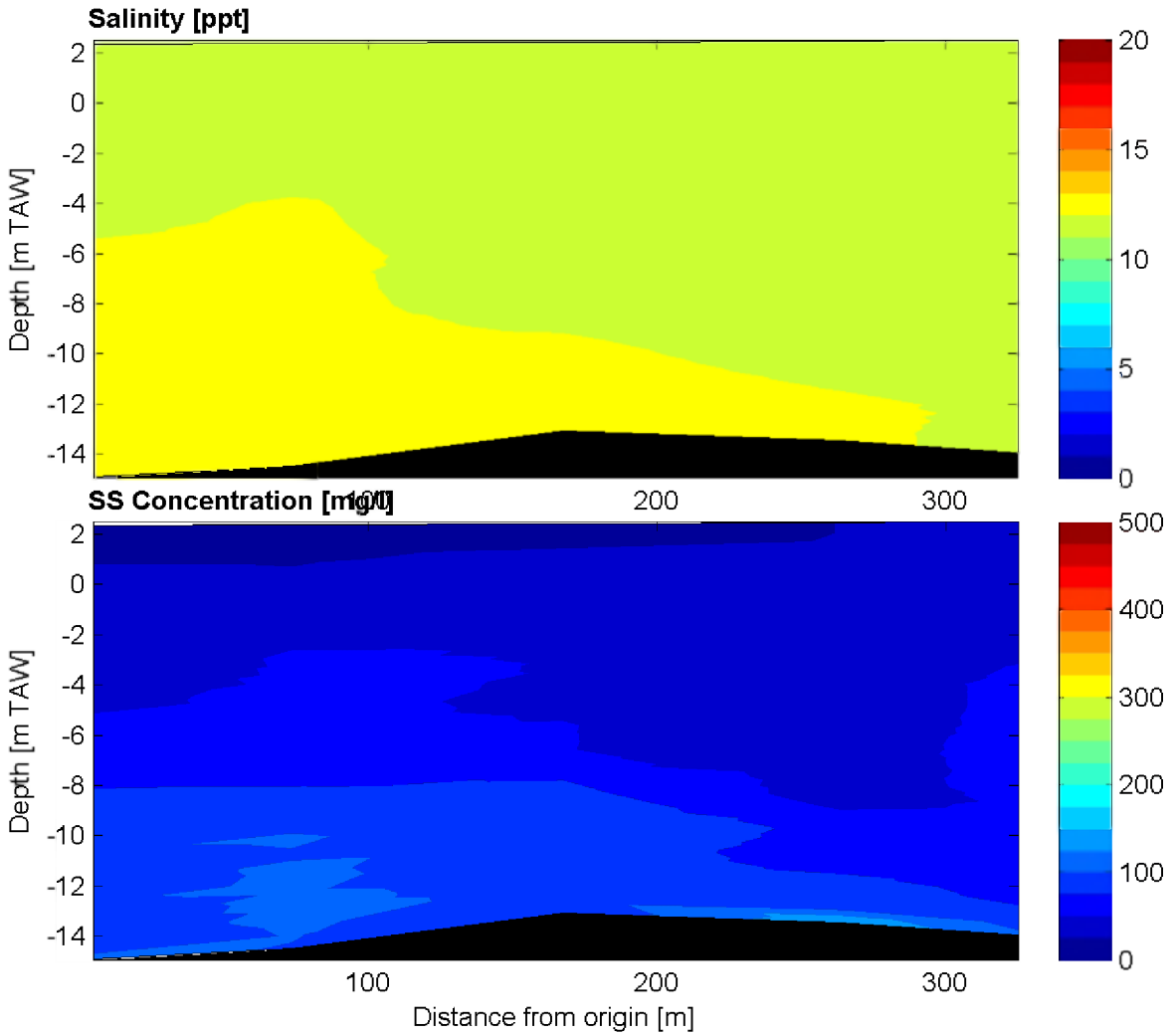
Data Processed by: IMDC

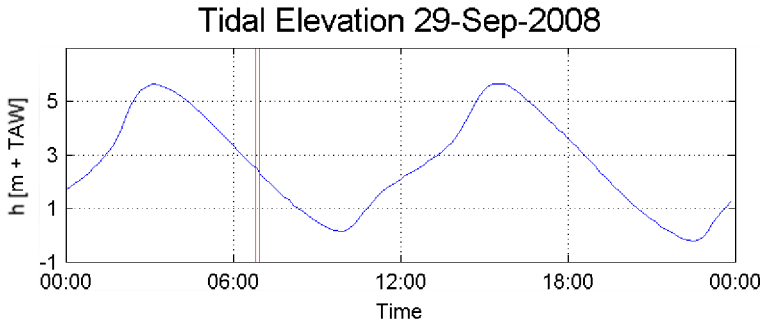
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8054xa.sil - 8050xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

06:56 - 06:49

Time after HW [HH:MM]

3:42

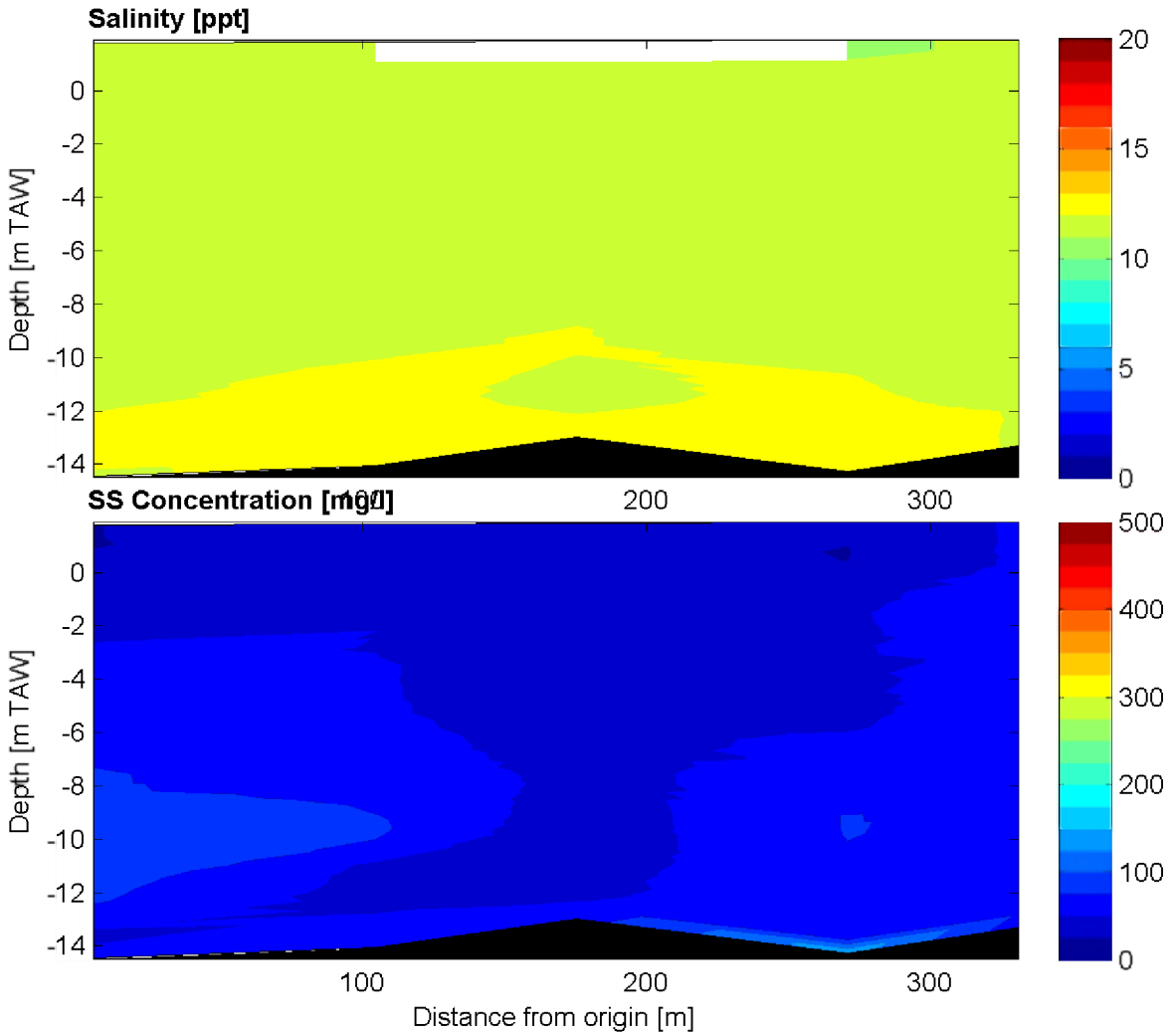
Data Processed by: IMDC

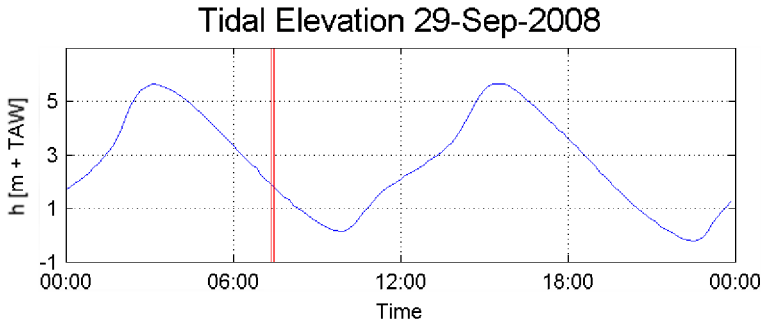
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8069xa.sil - 8065xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:28 - 07:21

Time after HW [HH:MM]

4:14

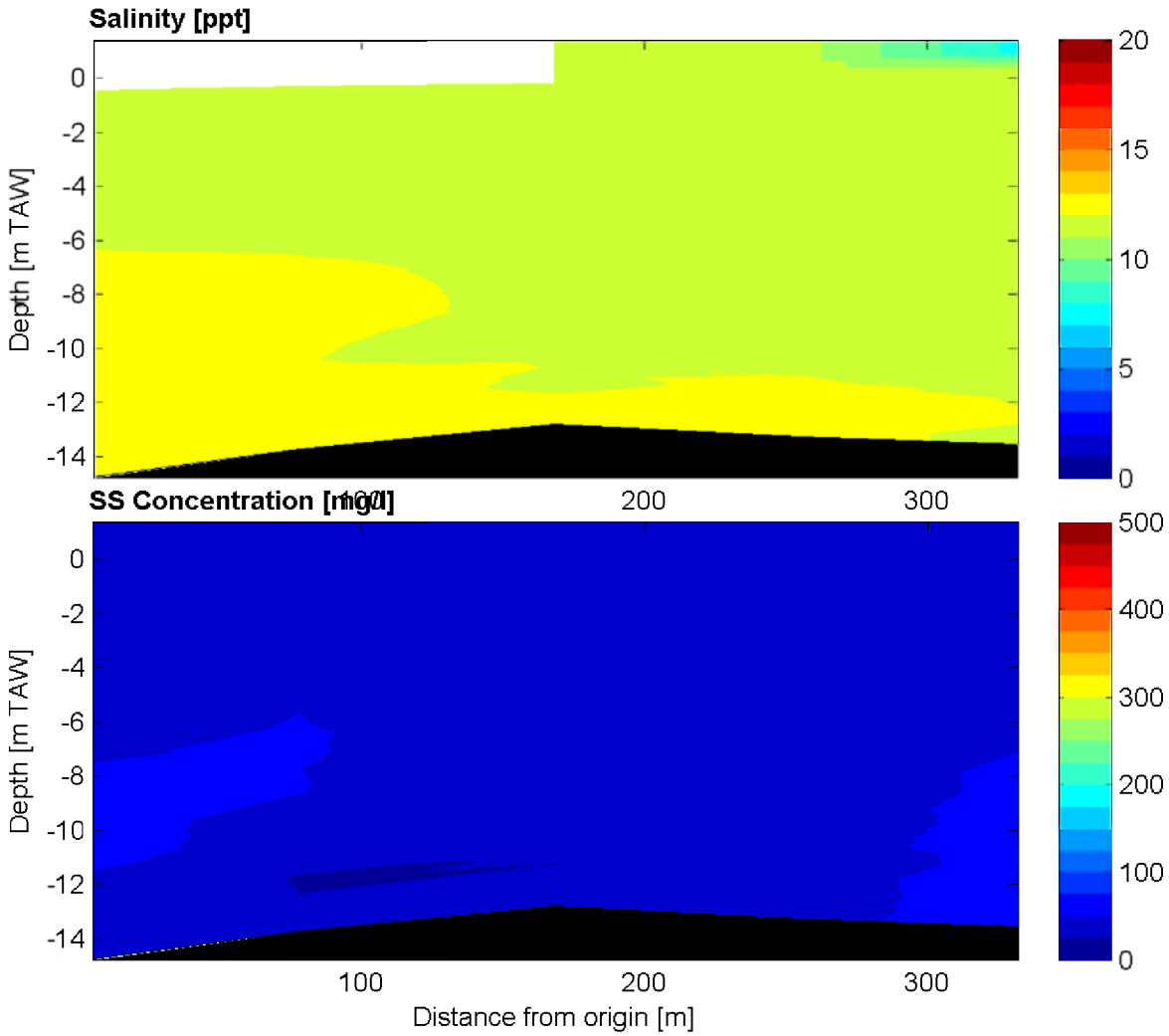
Data Processed by: IMDC

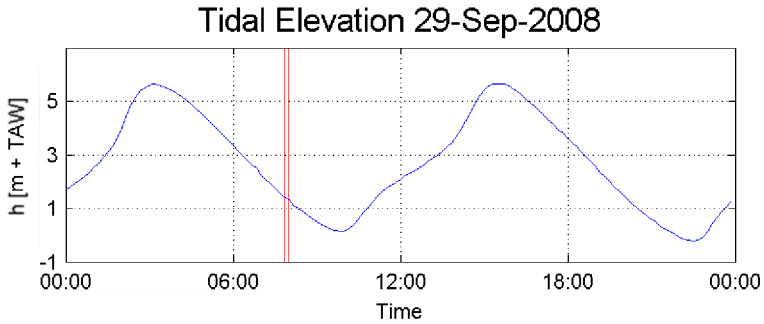
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8084xa.sil - 8080xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:57 - 07:51

Time after HW [HH:MM]

4:44

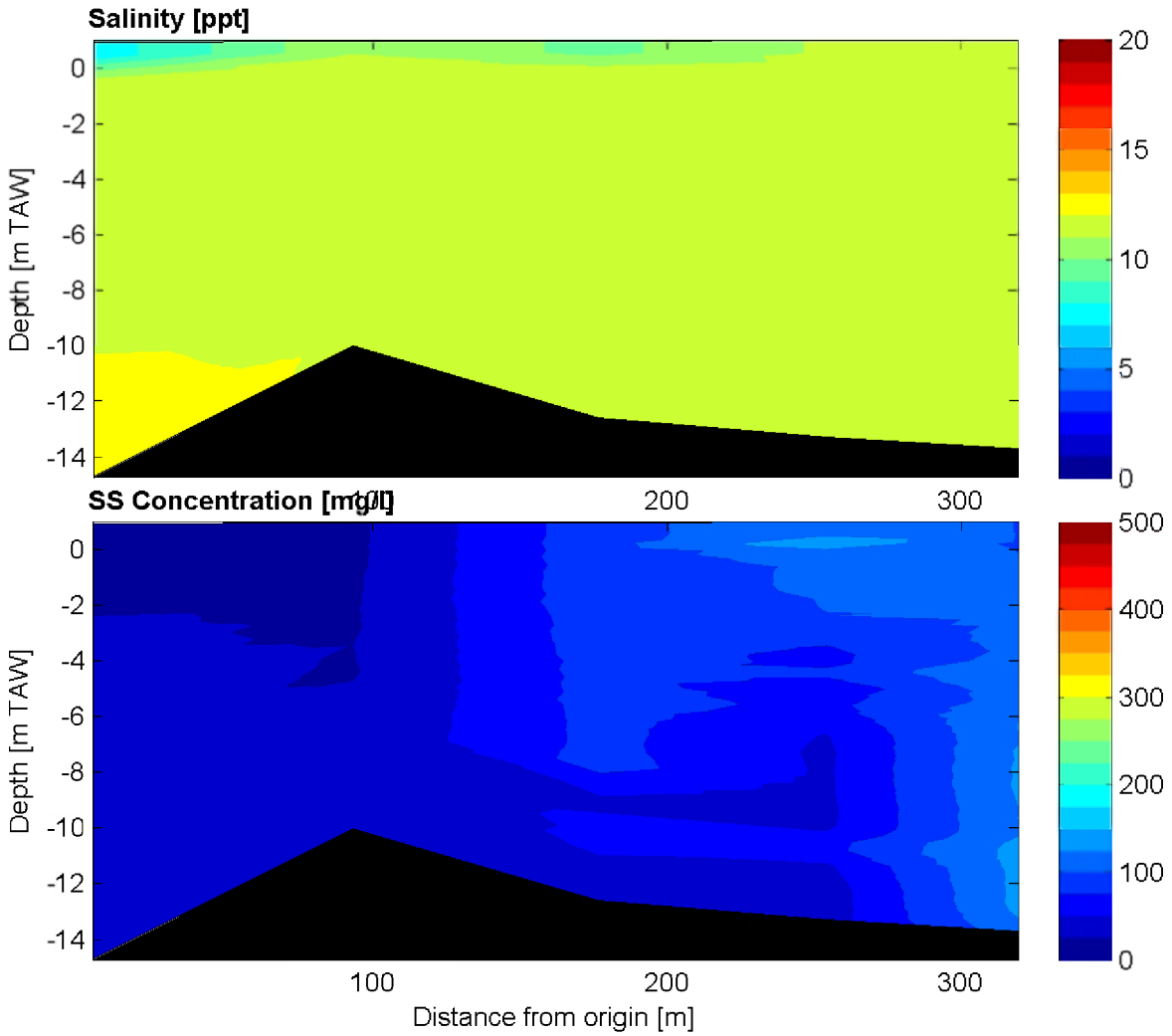
Data Processed by: IMDC

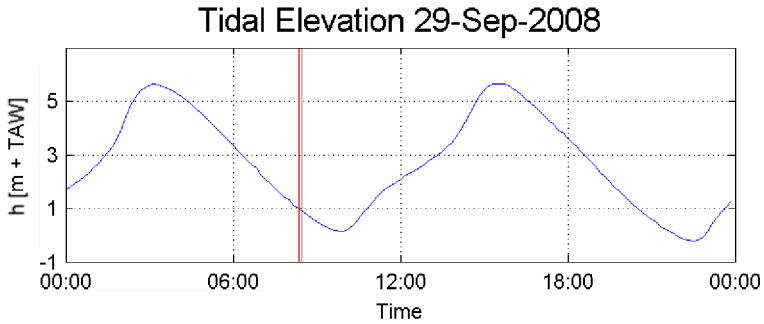
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8099xa.sil - 8095xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

08:27 - 08:20

Time after HW [HH:MM]

5:14

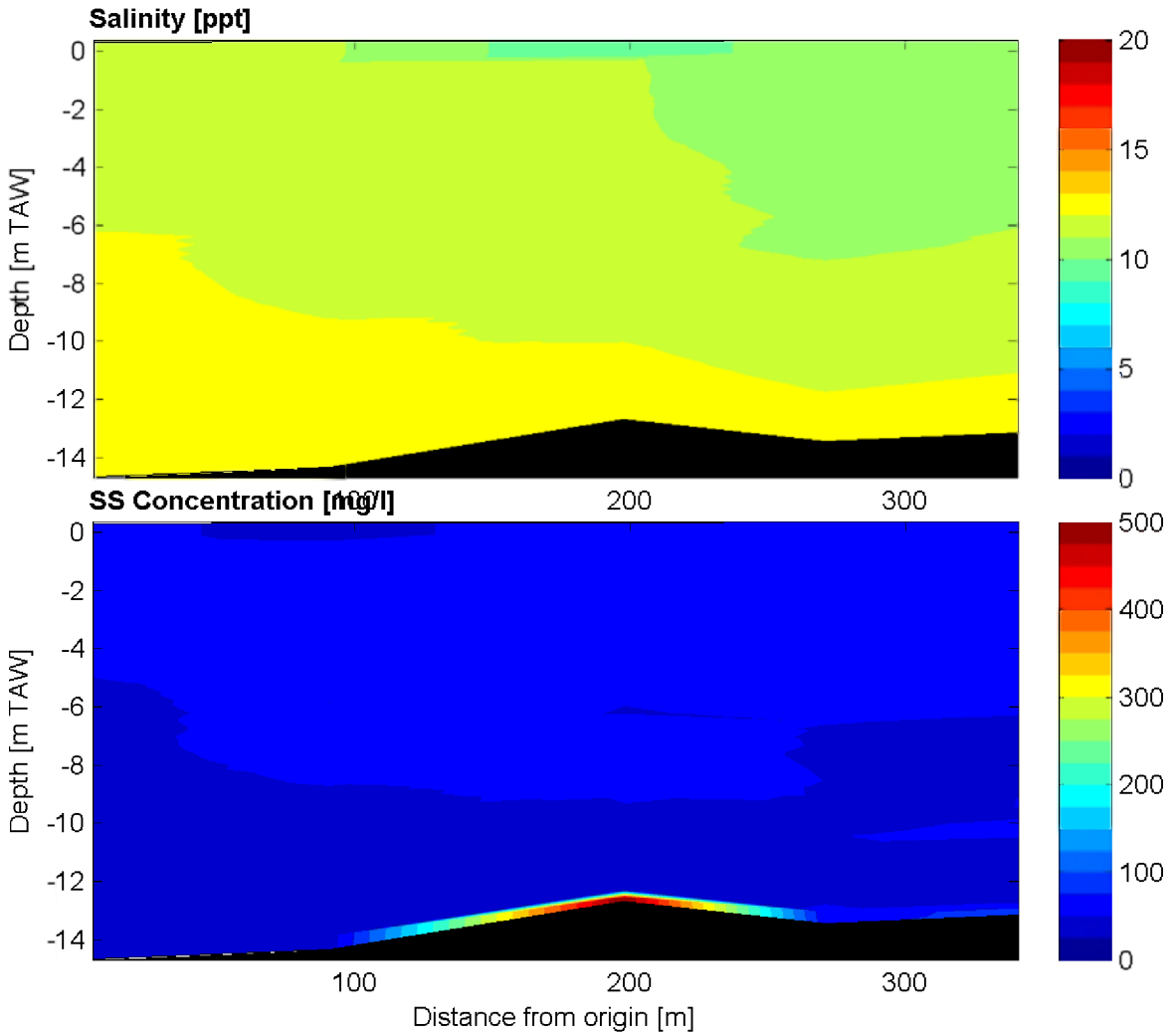
Data Processed by: IMDC

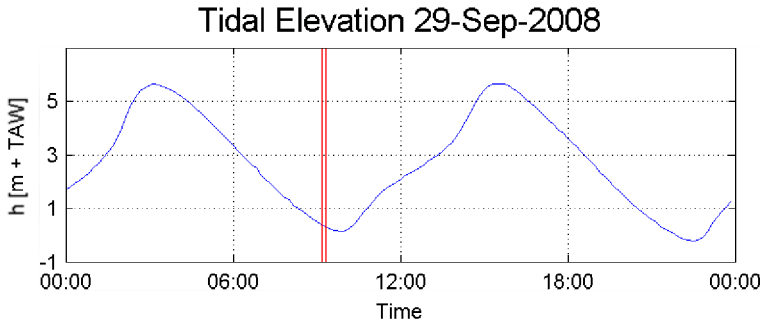
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8119xa.sil - 8115xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

09:19 - 09:11

Time after HW [HH:MM]

6:05

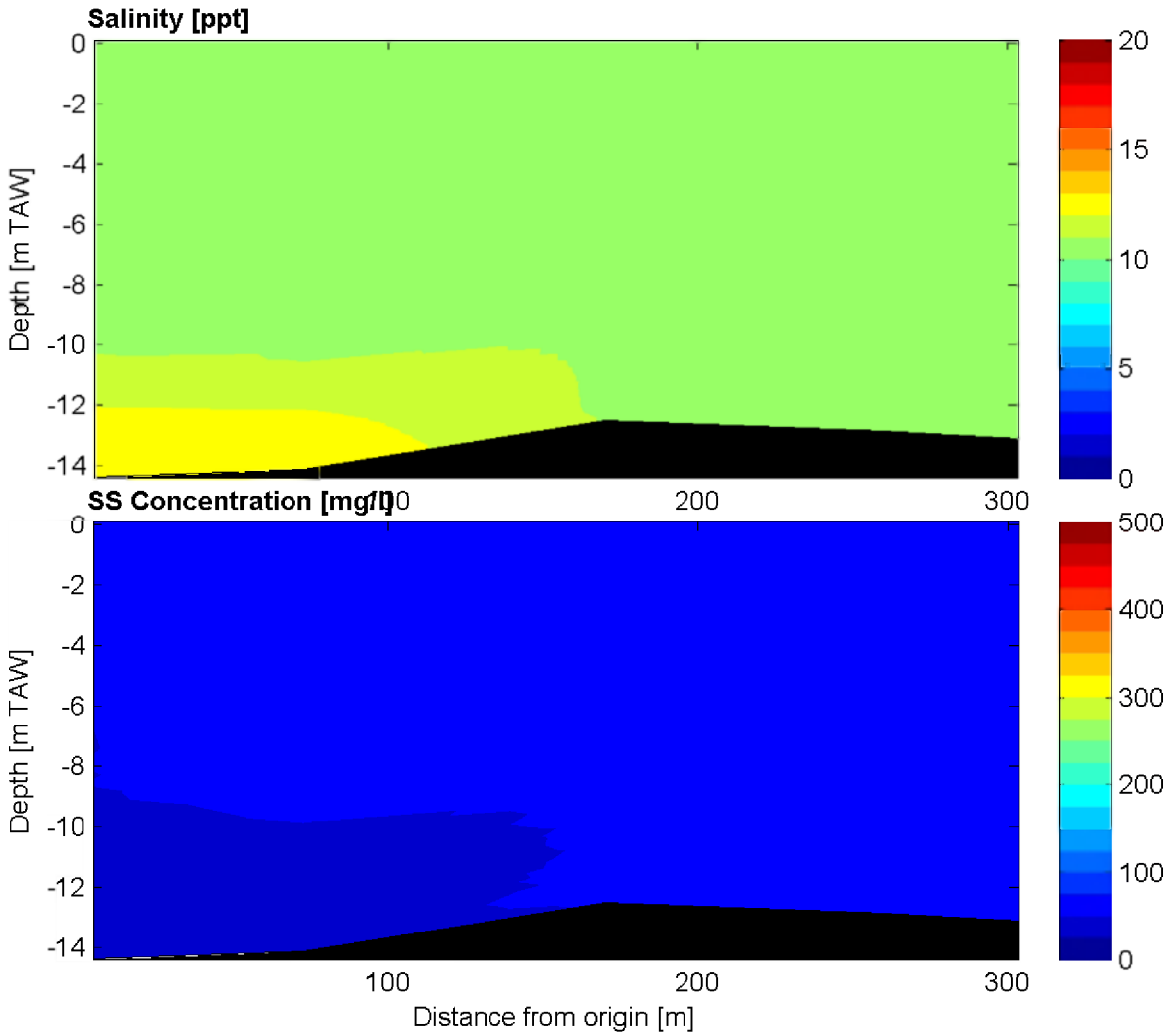
Data Processed by: IMDC

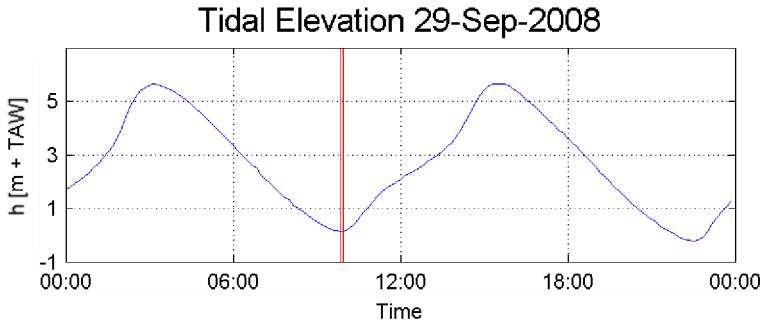
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8134xa.sil - 8130xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

09:57 - 09:51

Time after HW [HH:MM]

-5:35

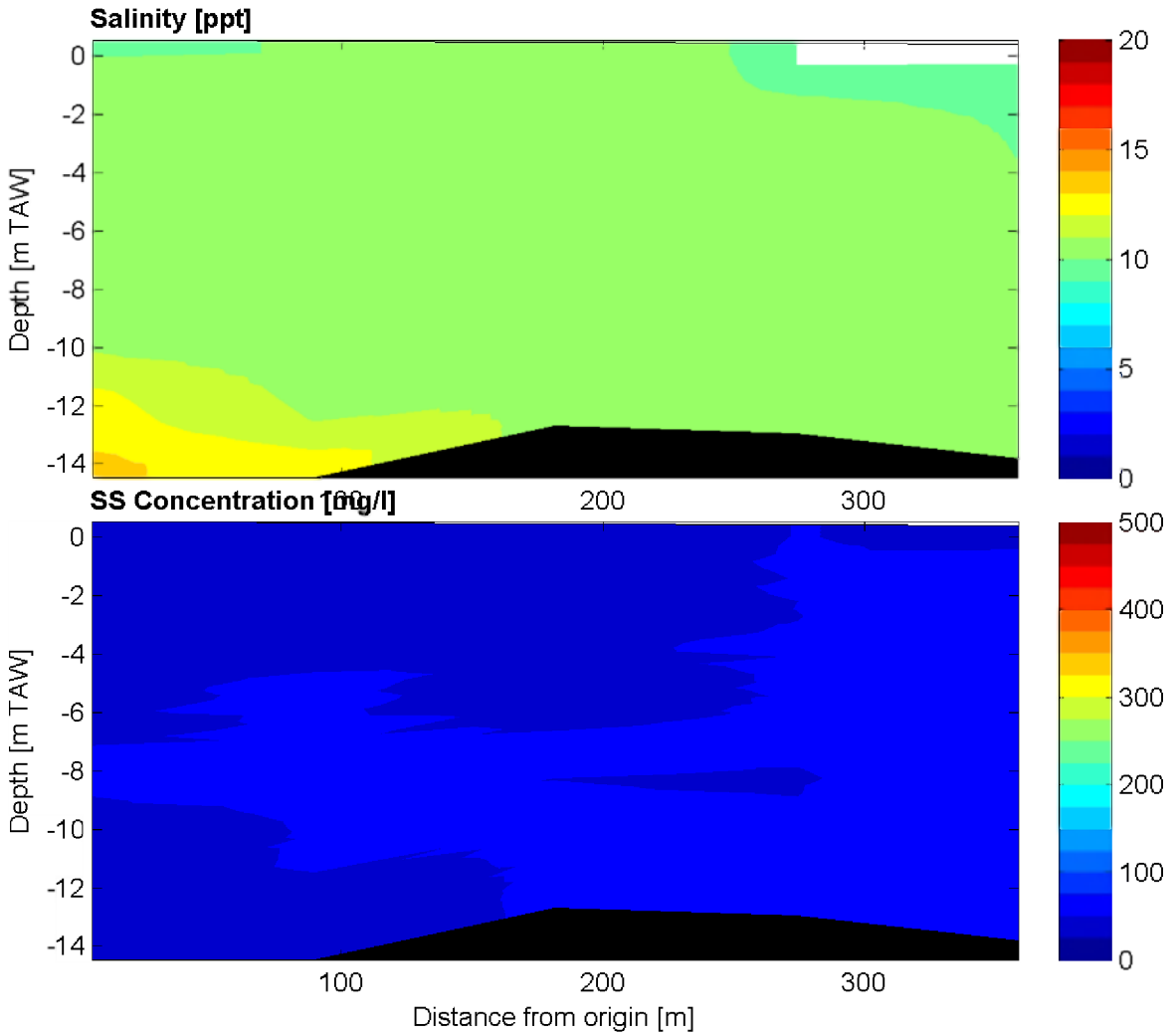
Data Processed by: IMDC

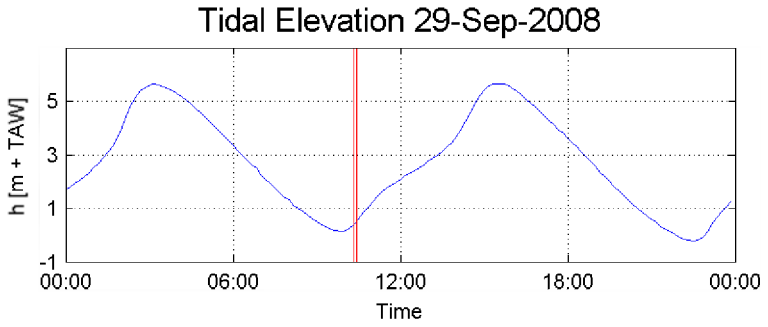
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8149xa.sil - 8145xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

10:26 - 10:20

Time after HW [HH:MM]

-5:06

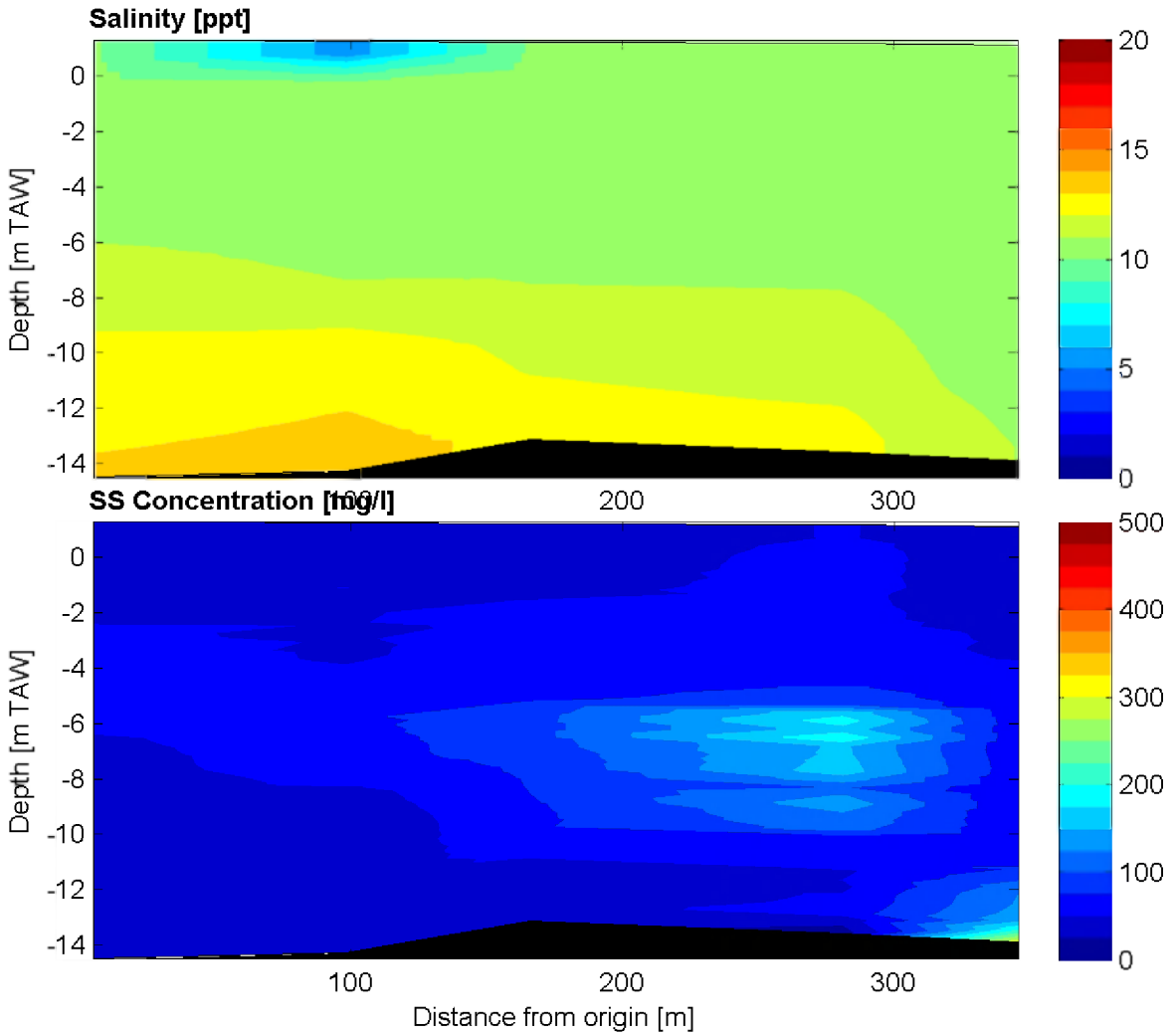
Data Processed by: IMDC

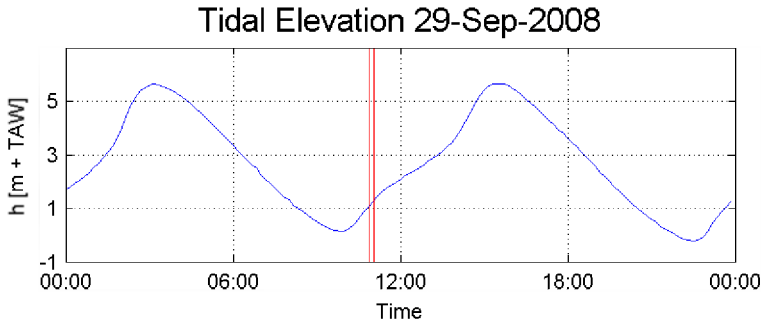
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8164xa.sil - 8160xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:02 - 10:53

Time after HW [HH:MM]

-4:32

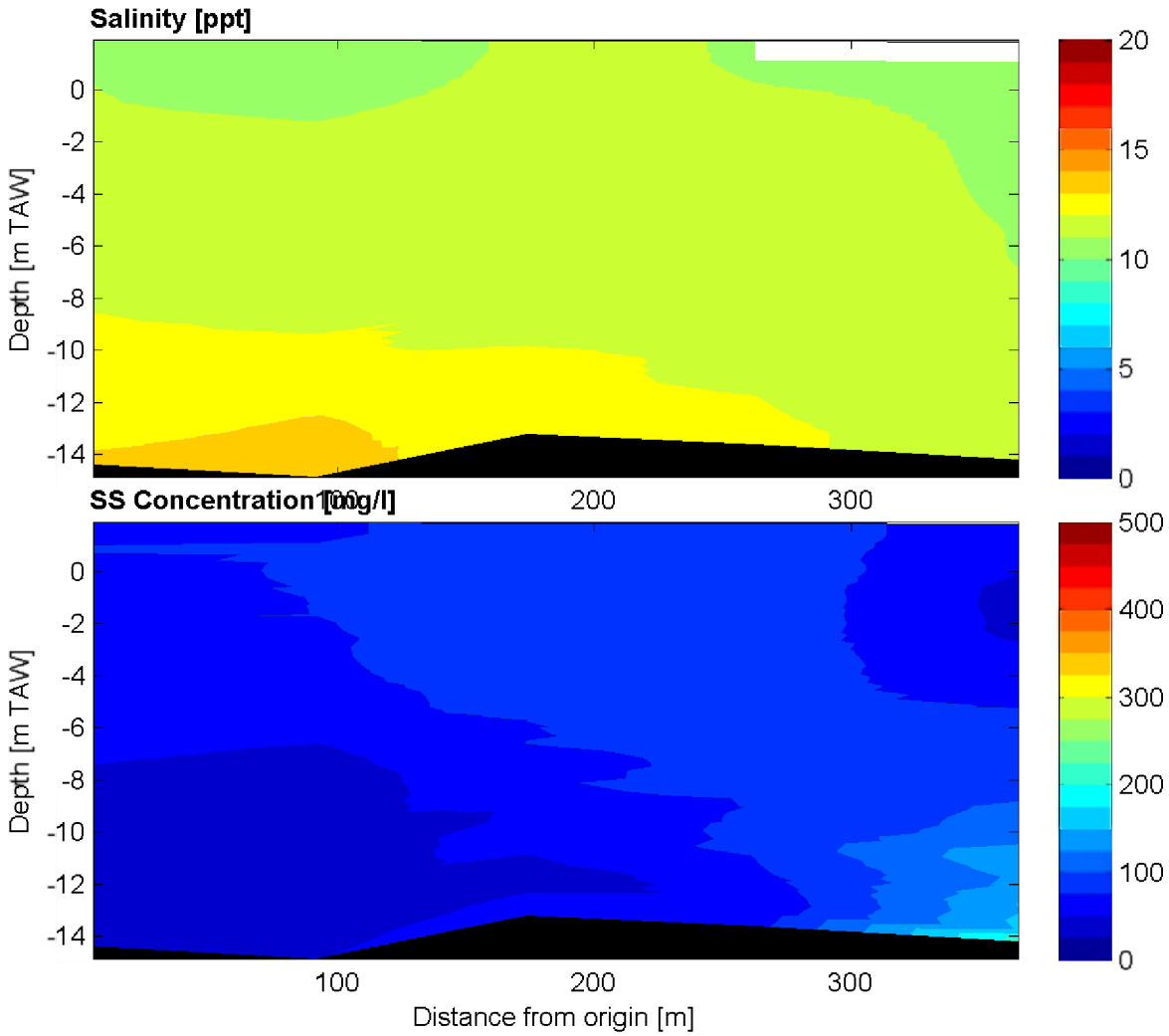
Data Processed by: IMDC

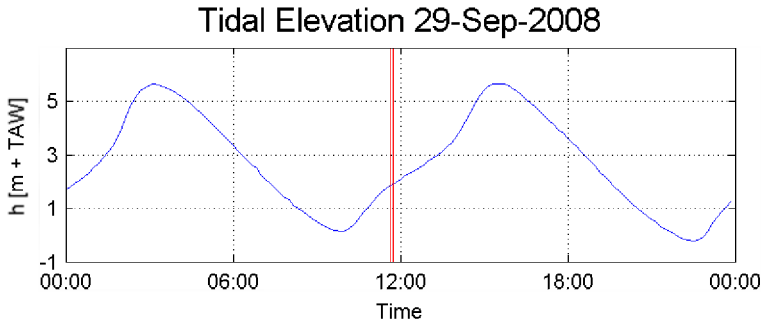
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8179xa.sil - 8175xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:44 - 11:38

Time after HW [HH:MM]

-3:48

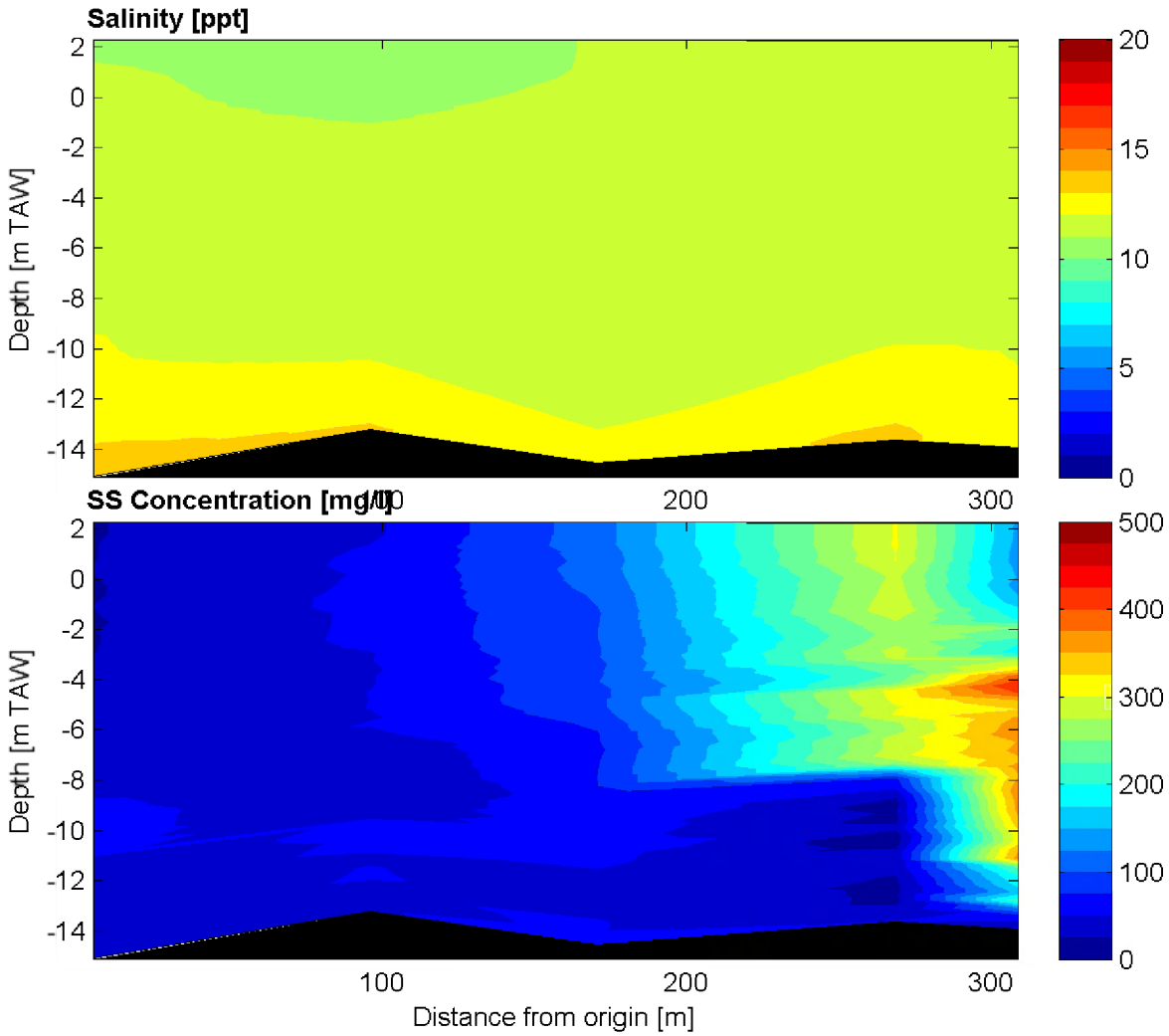
Data Processed by: IMDC

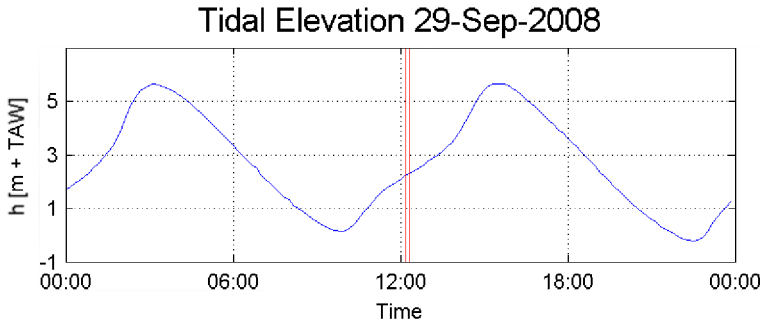
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8194xa.sil - 8190xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

12:20 - 12:12

Time after HW [HH:MM]

-3:13

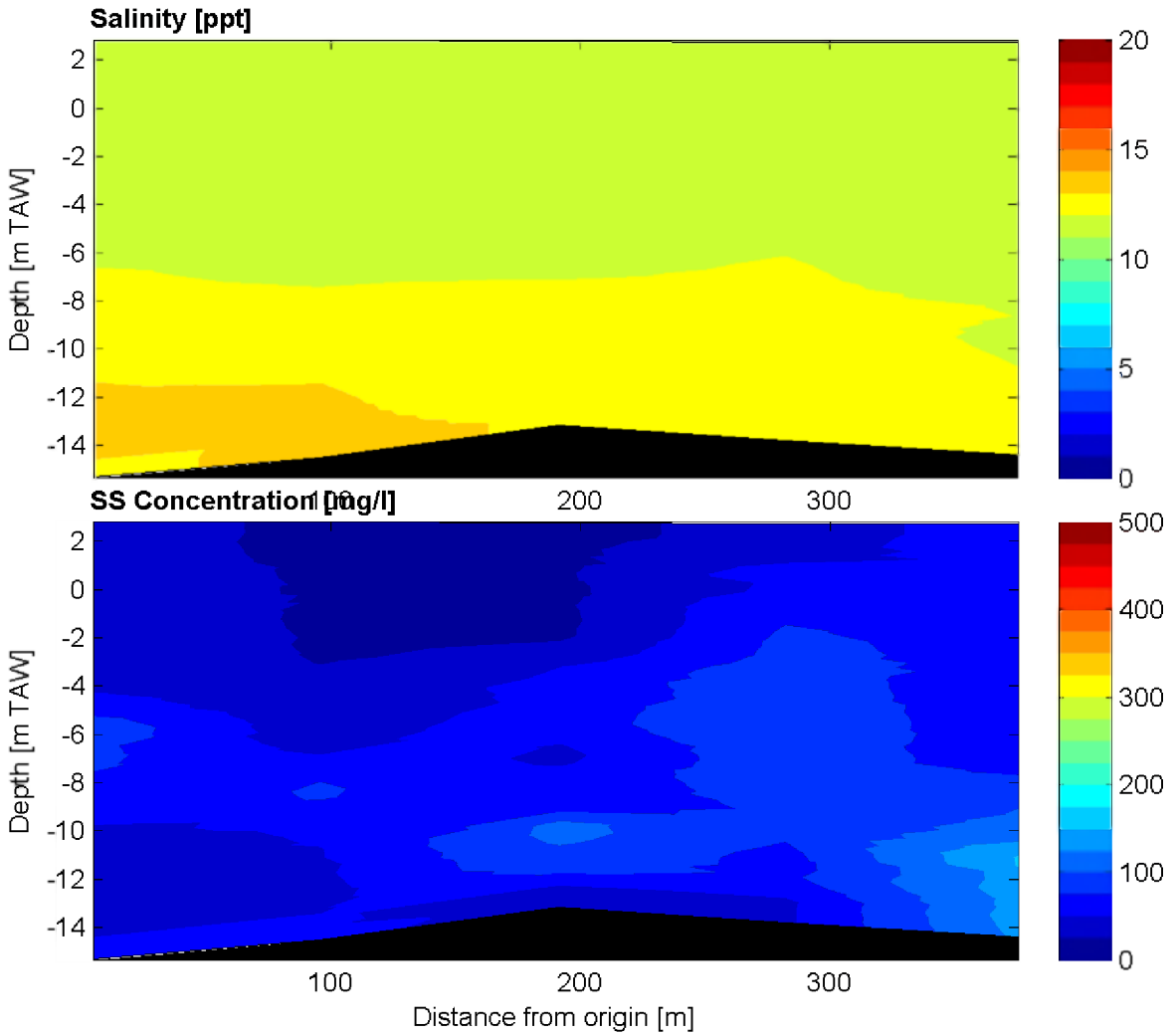
Data Processed by: IMDC

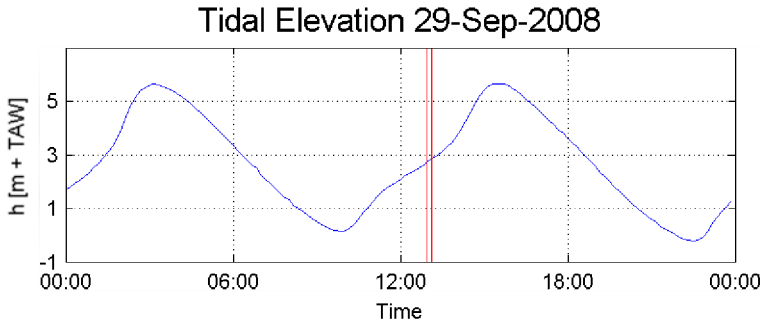
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8214xa.sil - 8210xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:06 - 12:57

Time after HW [HH:MM]

-2:27

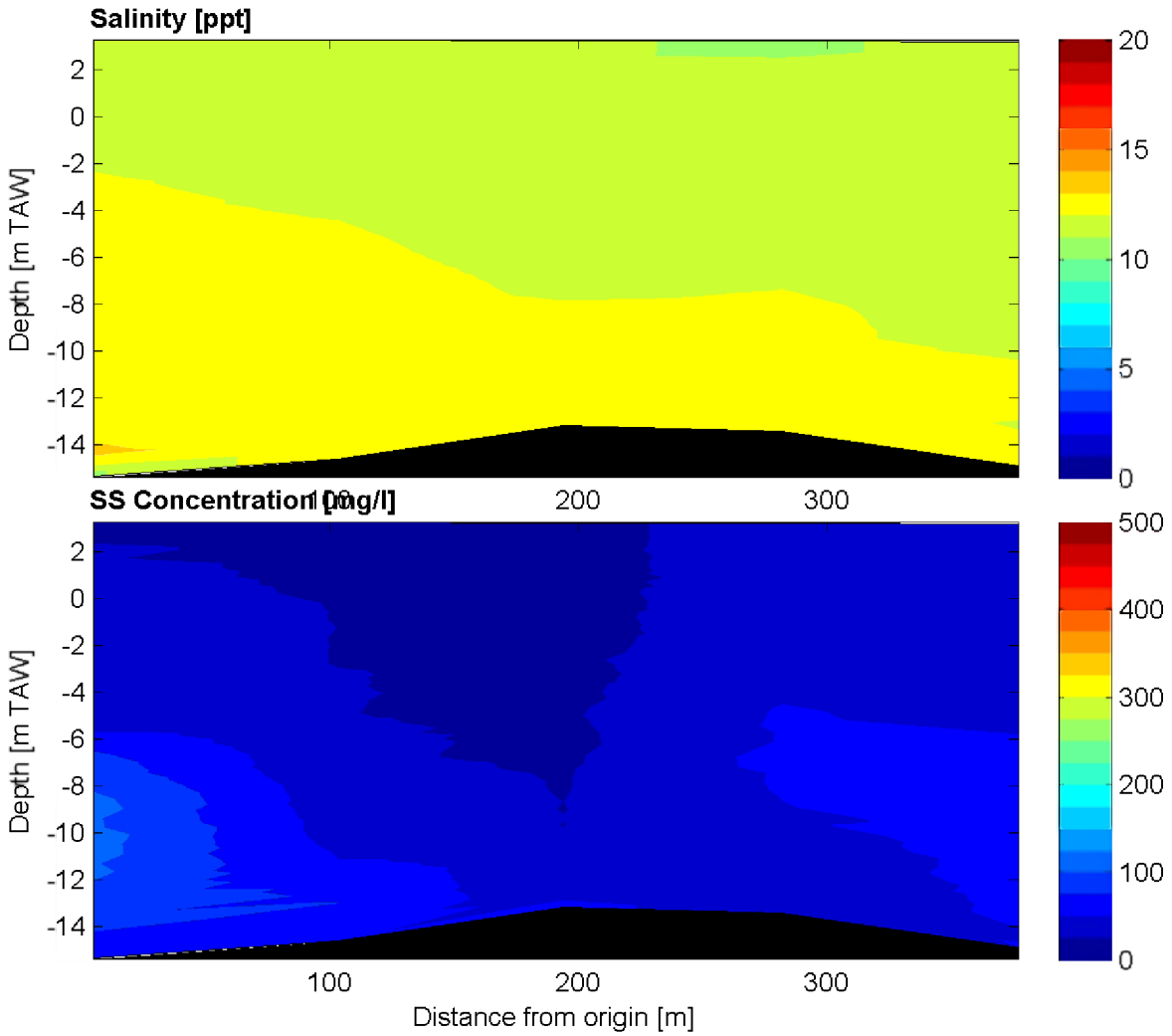
Data Processed by: IMDC

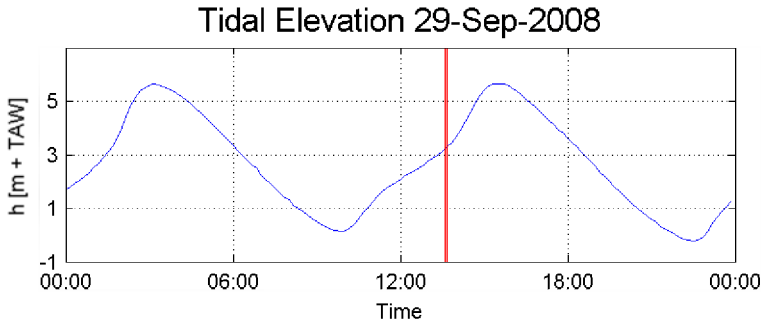
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8229xa.sil - 8225xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:40 - 13:35

Time after HW [HH:MM]

-1:51

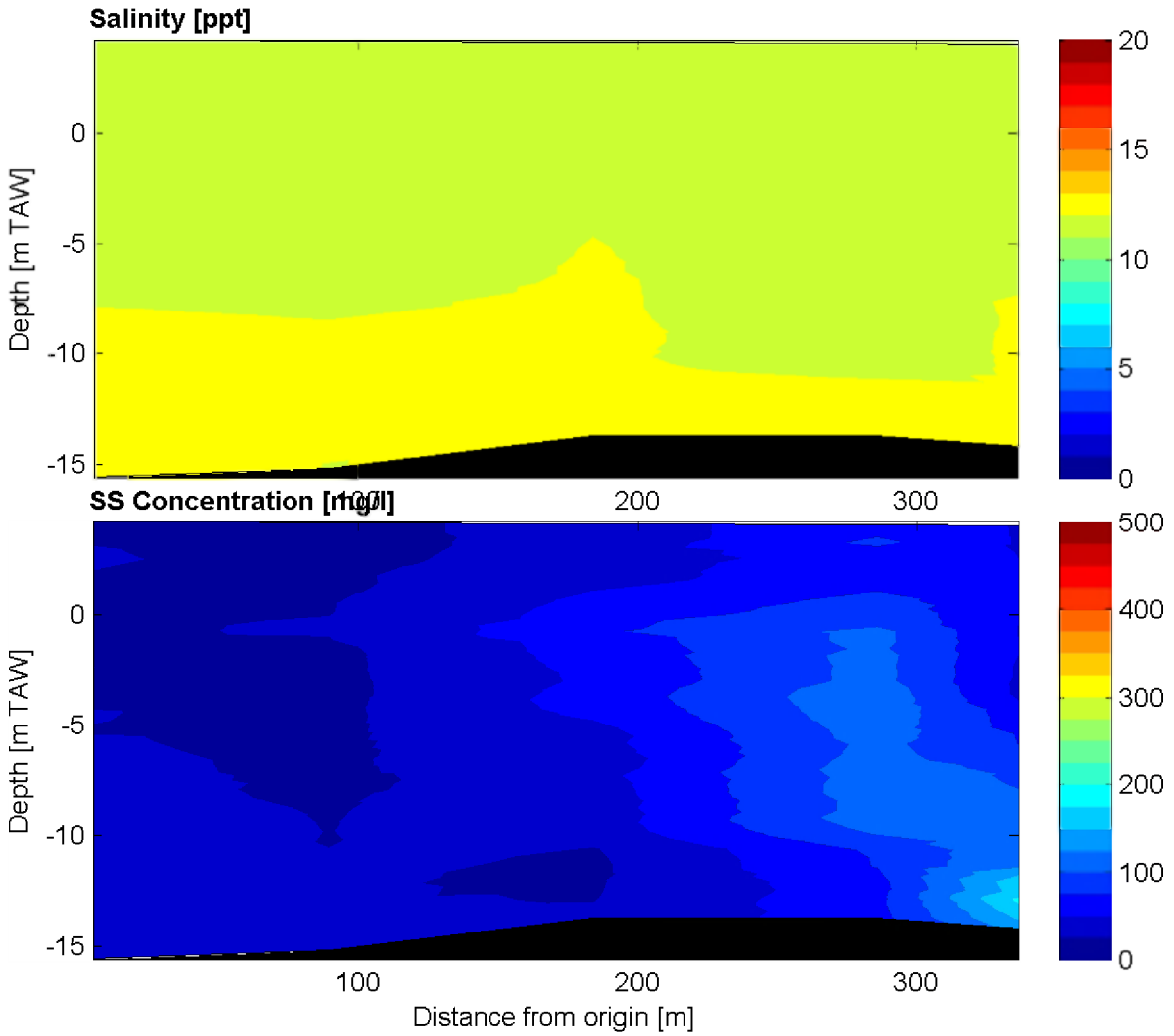
Data Processed by: IMDC

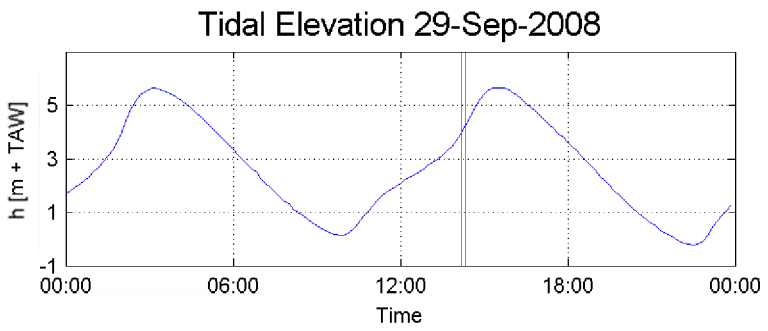
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8244xa.sil - 8240xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

14:19 - 14:12

Time after HW [HH:MM]

-1:14

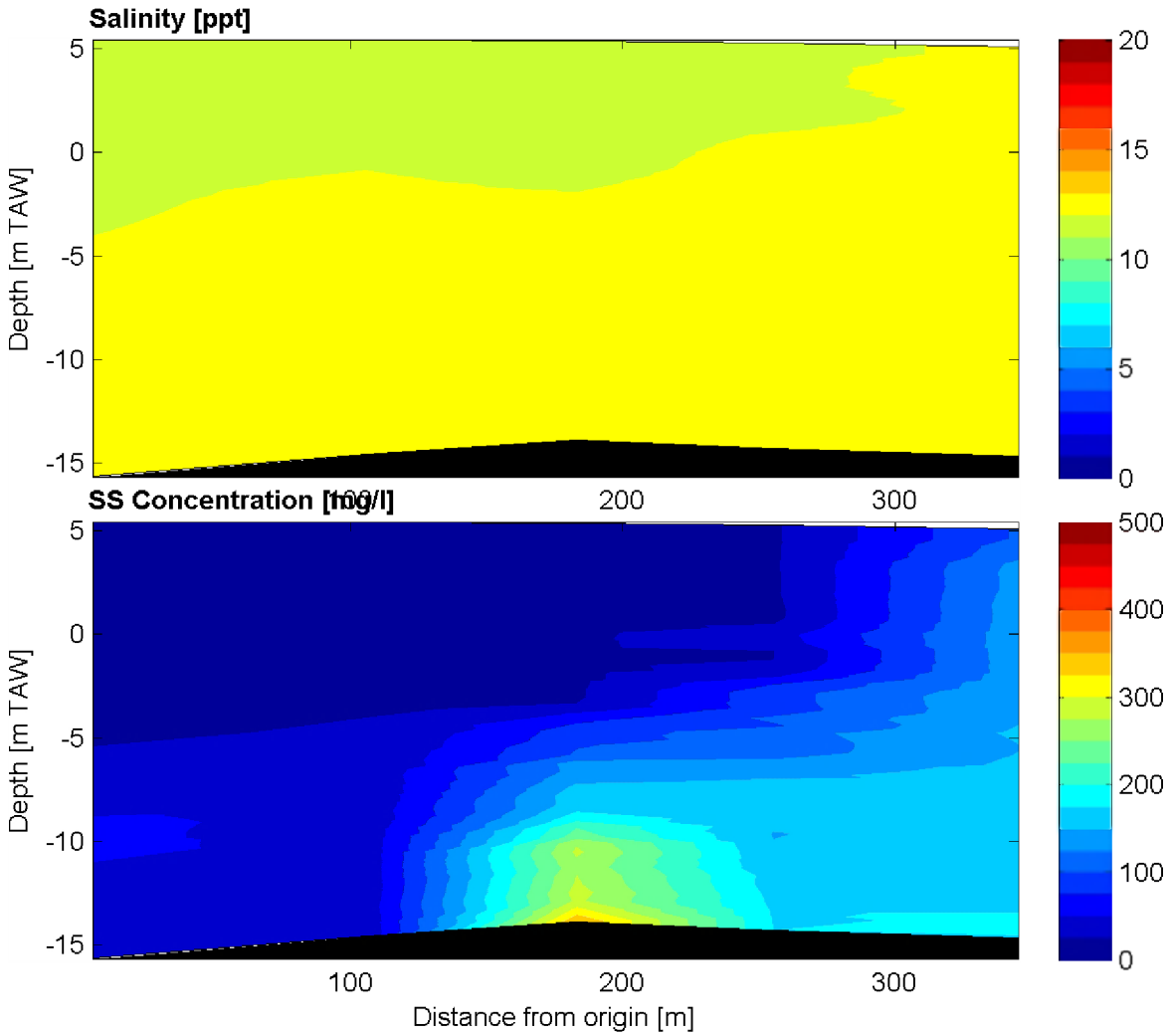
Data Processed by: IMDC

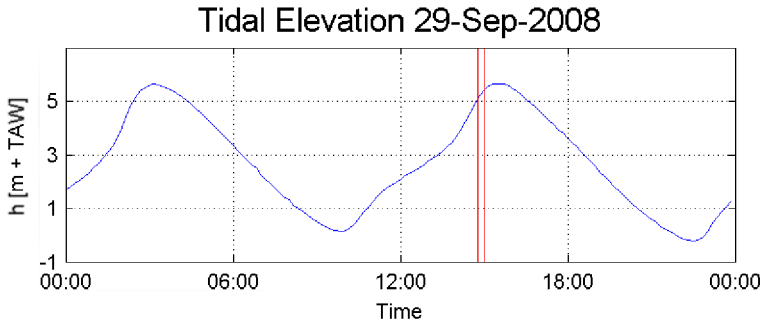
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8259xa.sil - 8255xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

15:00 - 14:46

Time after HW [HH:MM]

-0:36

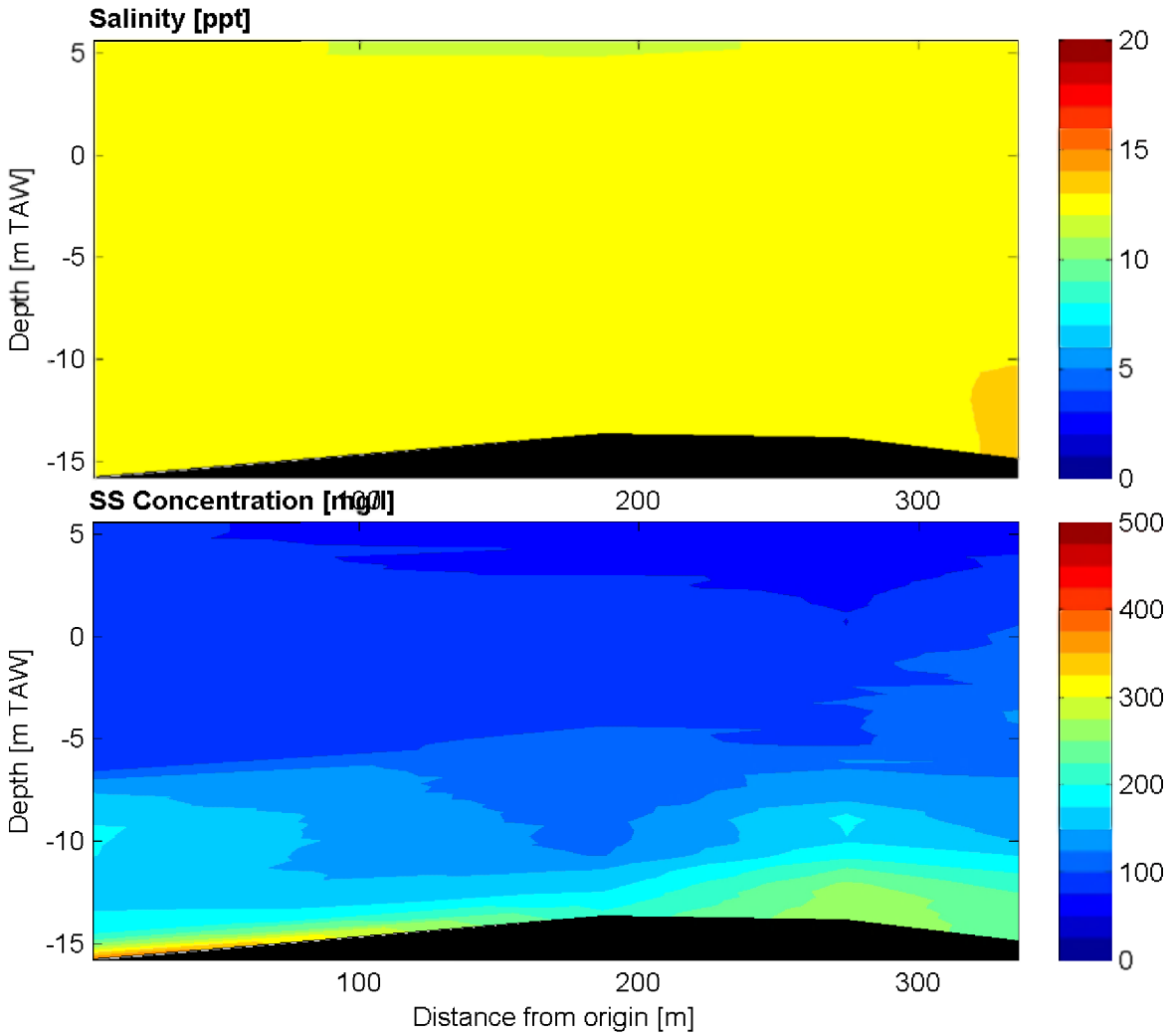
Data Processed by: IMDC

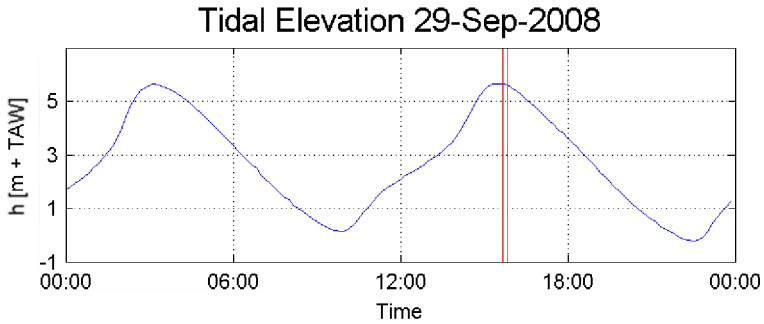
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8274xa.sil - 8270xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

15:51 - 15:40

Time after HW [HH:MM]

0:15

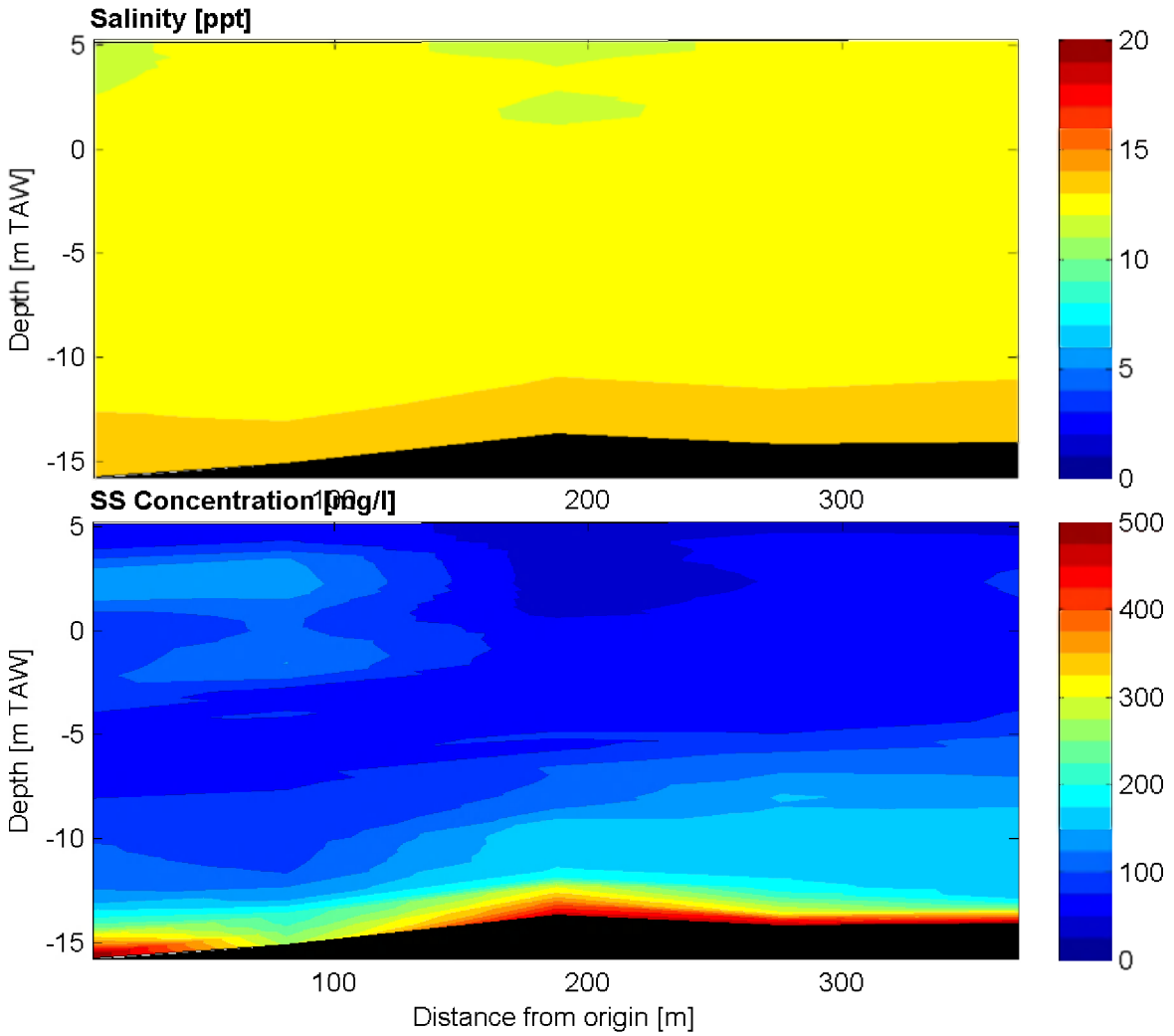
Data Processed by: IMDC

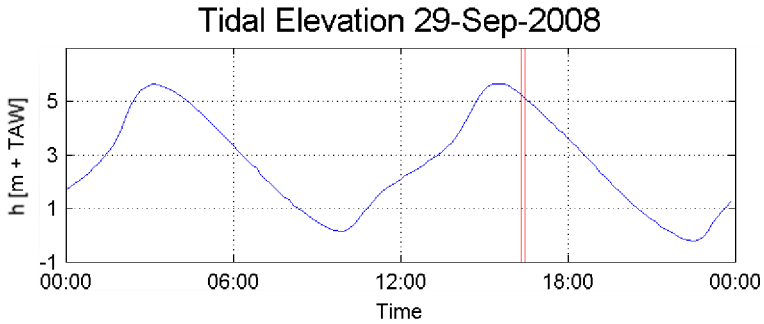
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8289xa.sil - 8285xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:27 - 16:19

Time after HW [HH:MM]

0:53

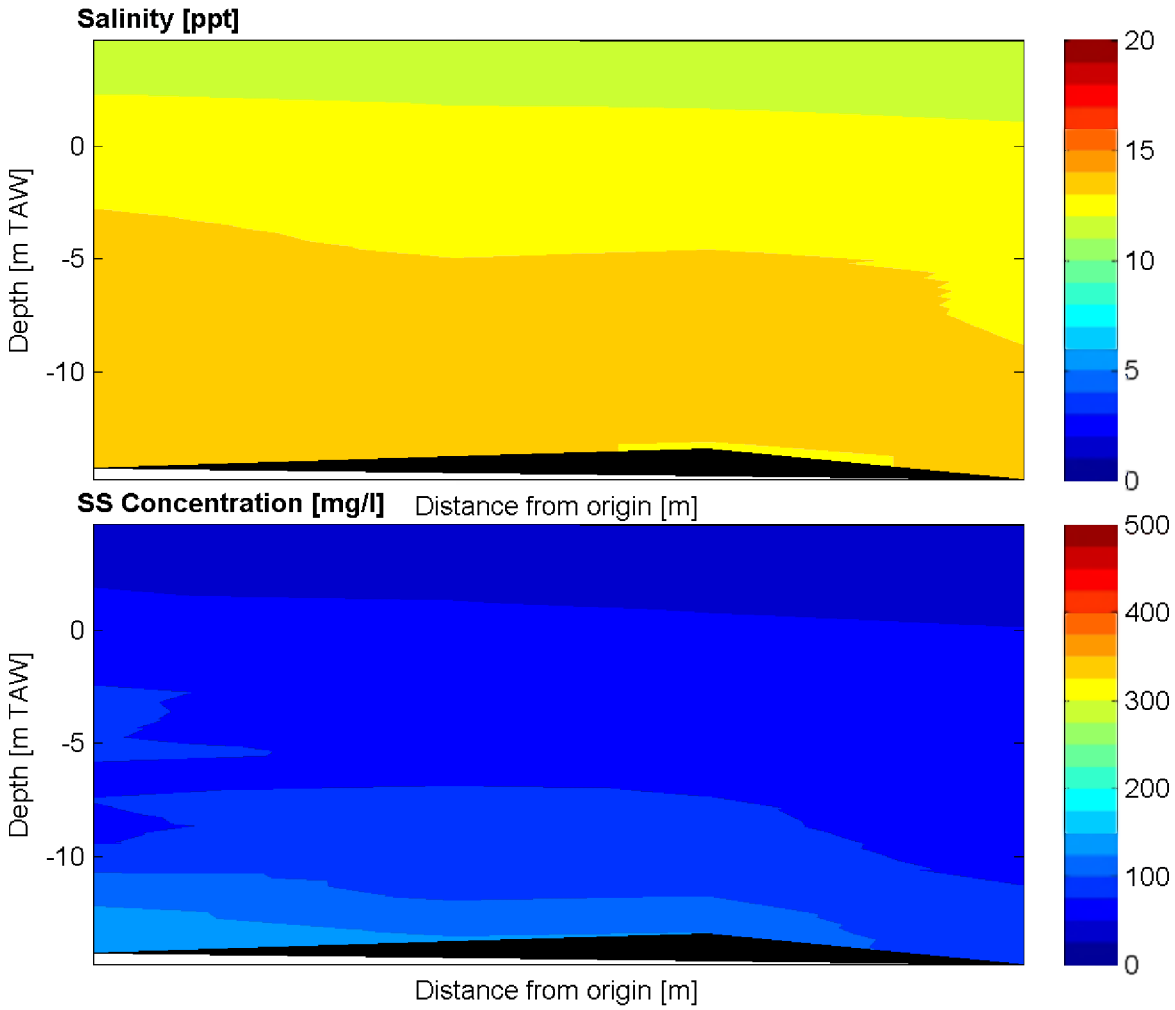
Data Processed by: IMDC

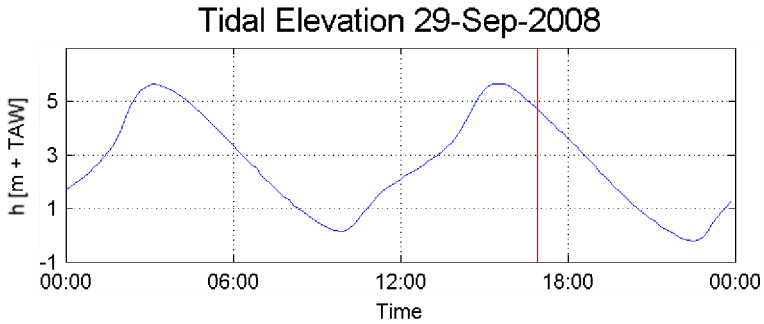
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8300xa.sil - 8300xa.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:54 - 16:54

Time after HW [HH:MM]

1:24

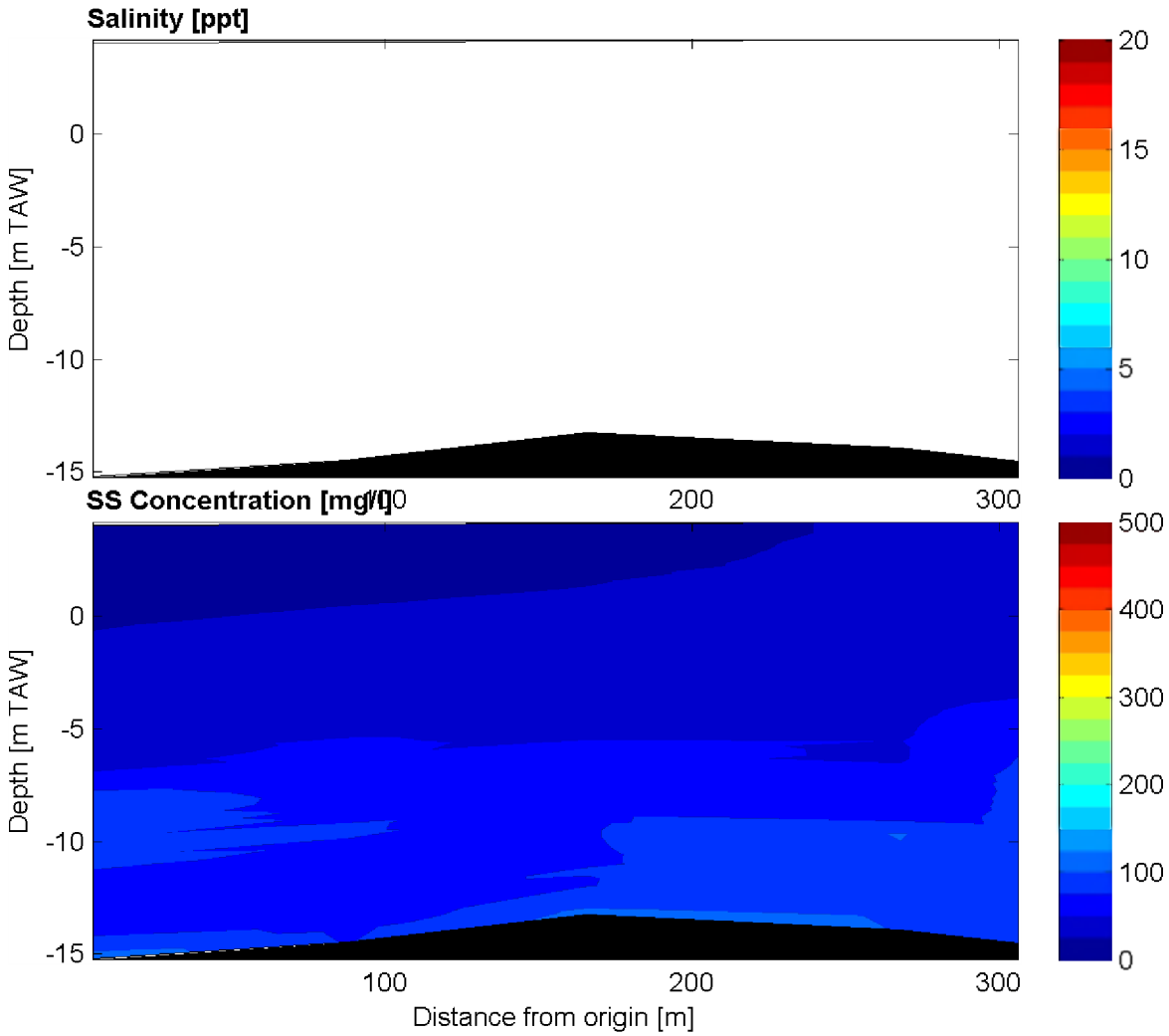
Data Processed by: IMDC

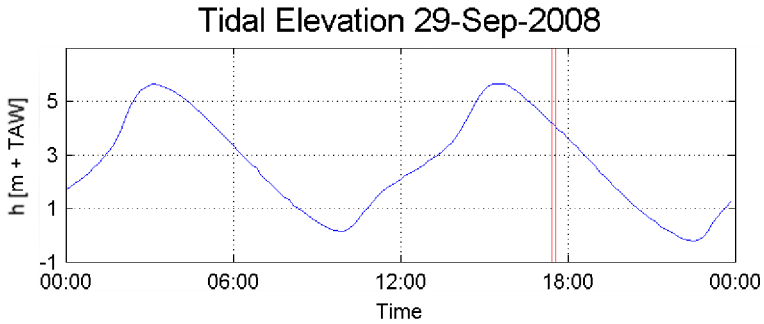
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8319xa.sil - 8315xe.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:33 - 17:25

Time after HW [HH:MM]

1:59

Data Processed by: IMDC

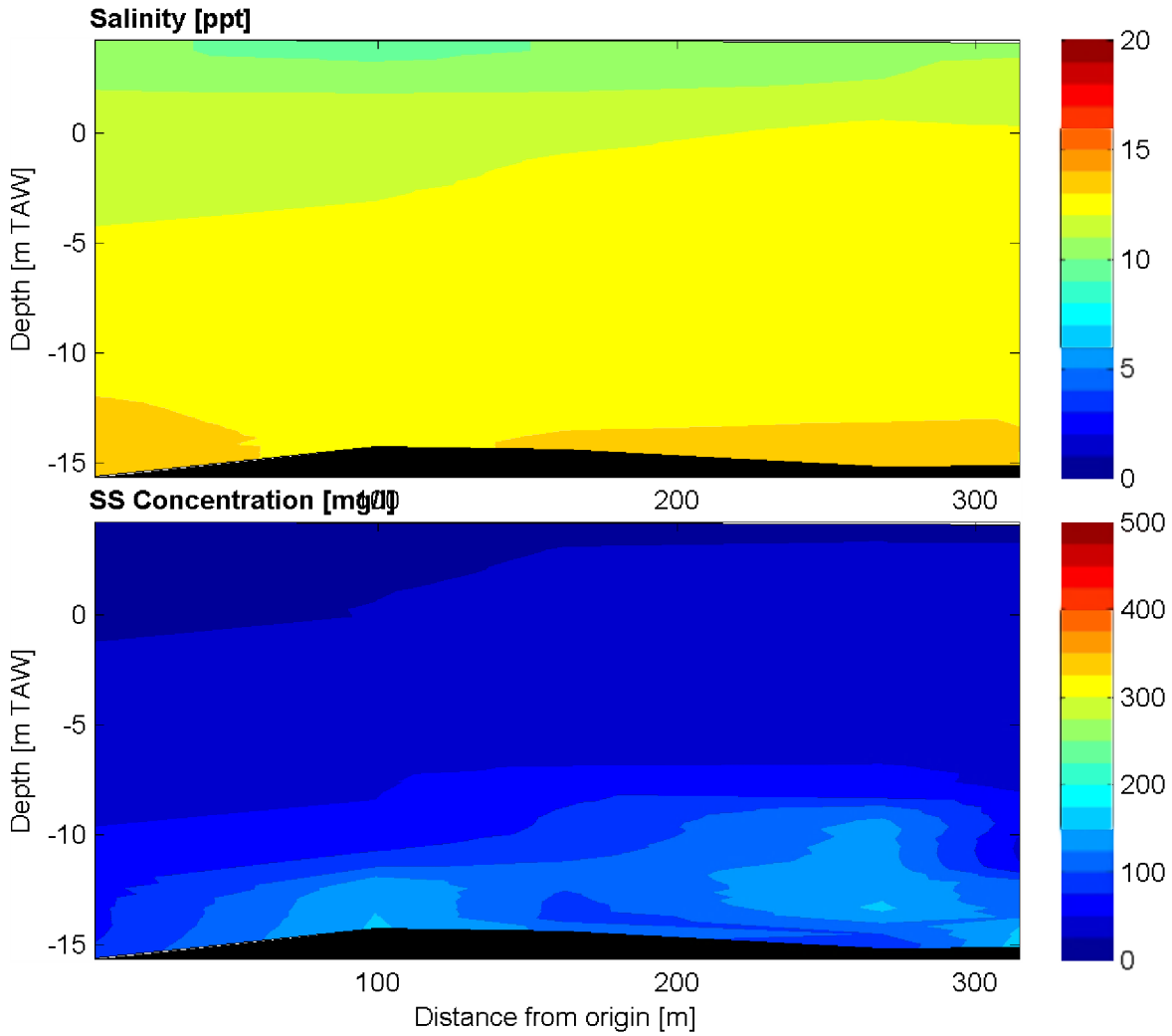
In association with : WL | delft hydraulics

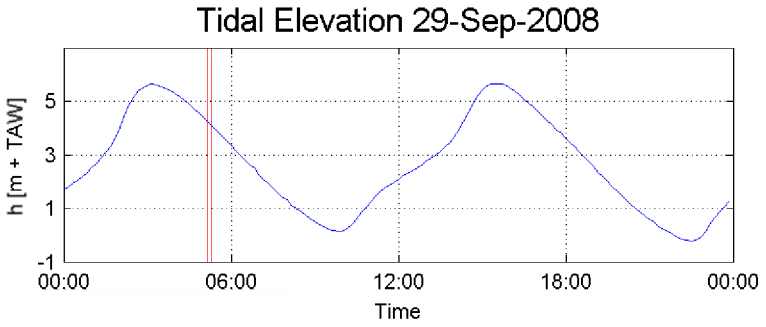
I/RA/11283/08.090/MSA

I.2 Cross-section Y

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8009ya.sil - 8013ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:10 - 05:18

Time after HW [HH:MM]

2:04

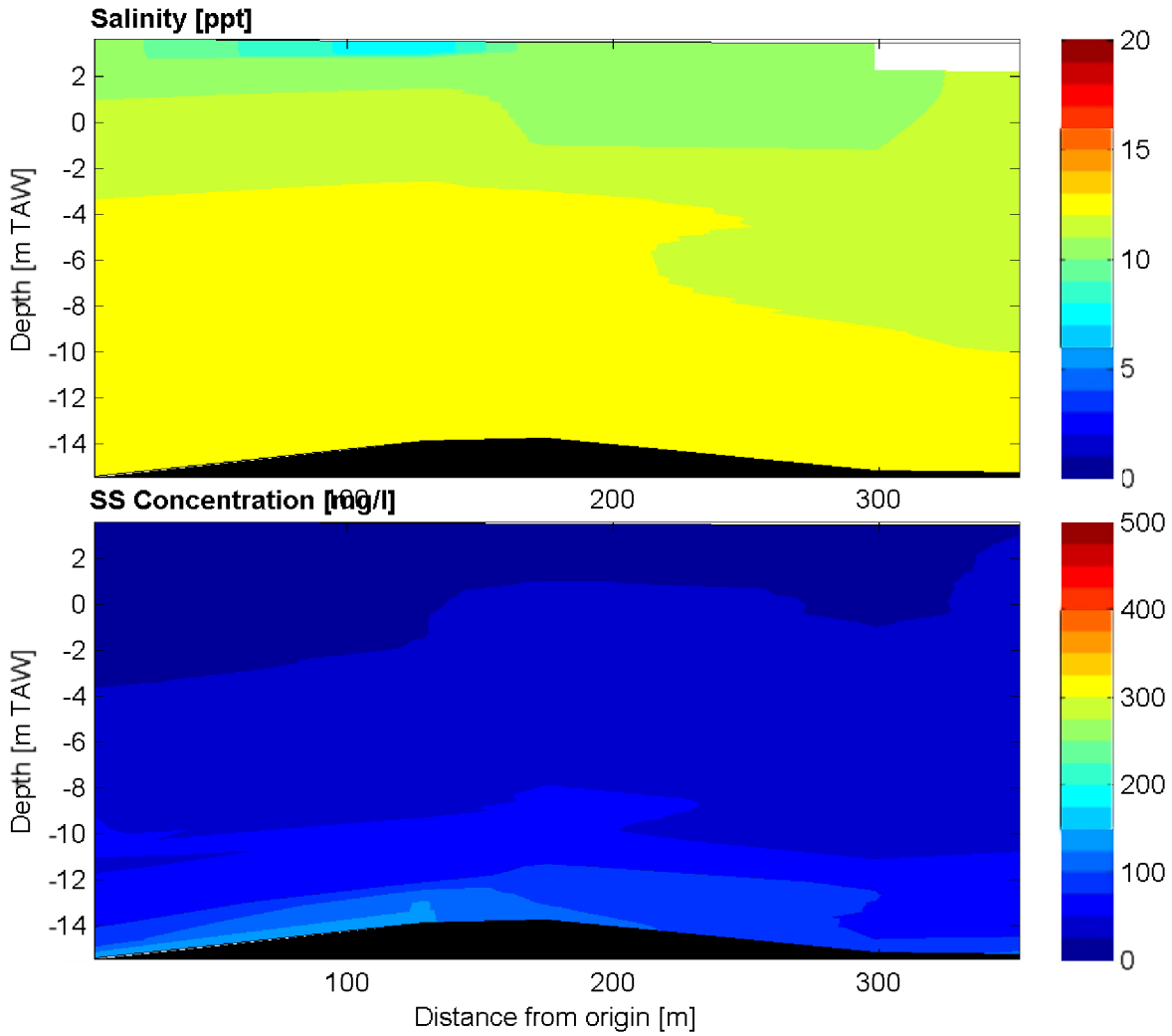
Data Processed by: IMDC

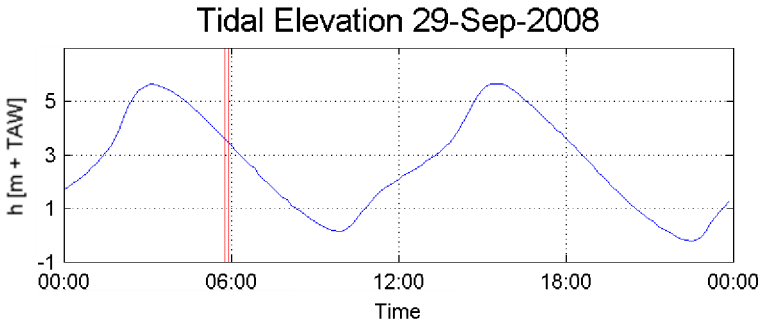
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8024ya.sil - 8028ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:46 - 05:55

Time after HW [HH:MM]

2:40

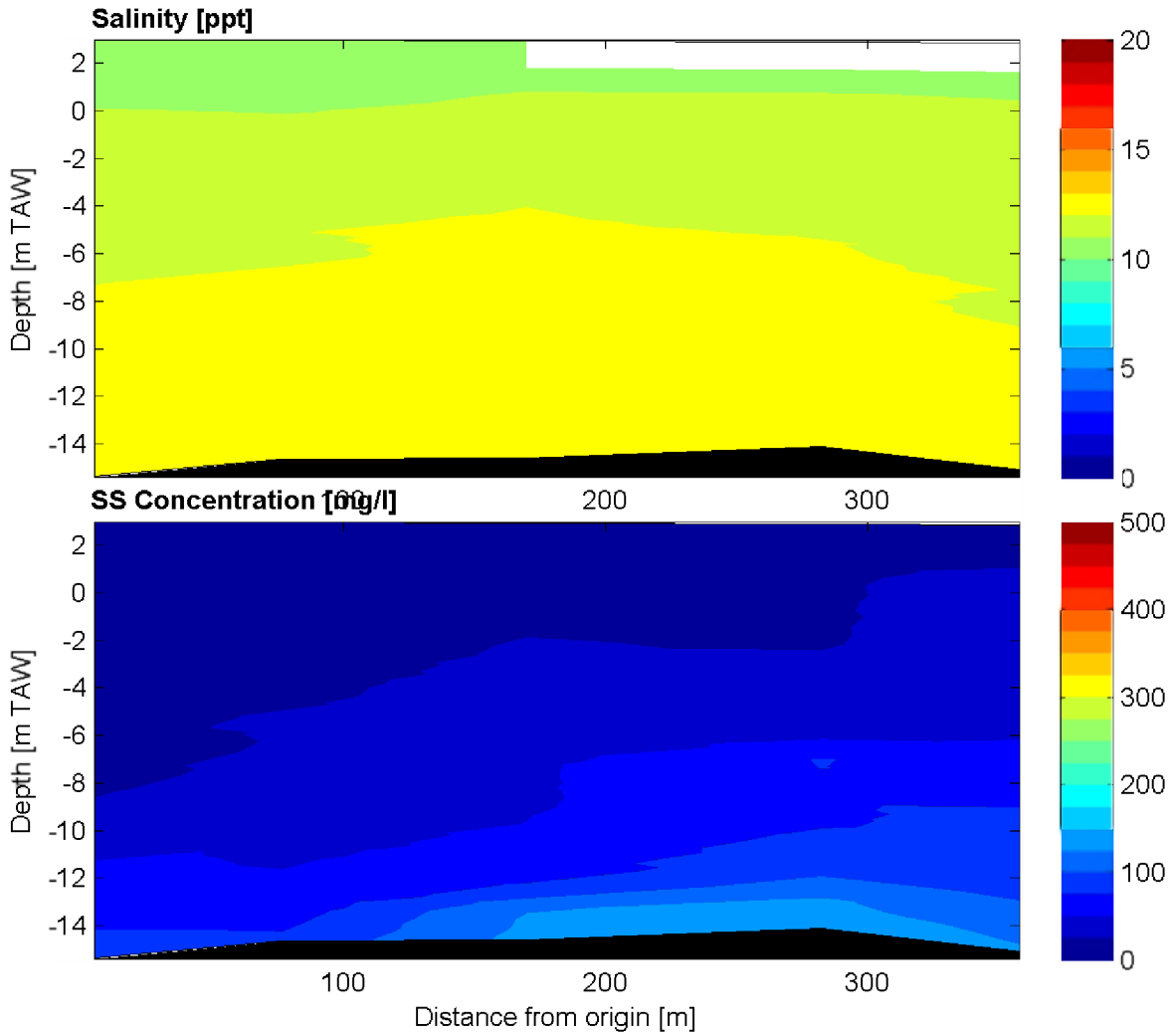
Data Processed by: IMDC

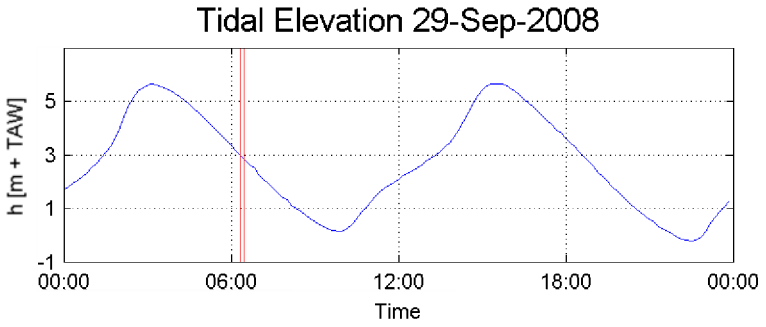
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8039ya.sil - 8043ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

06:20 - 06:27

Time after HW [HH:MM]

3:13

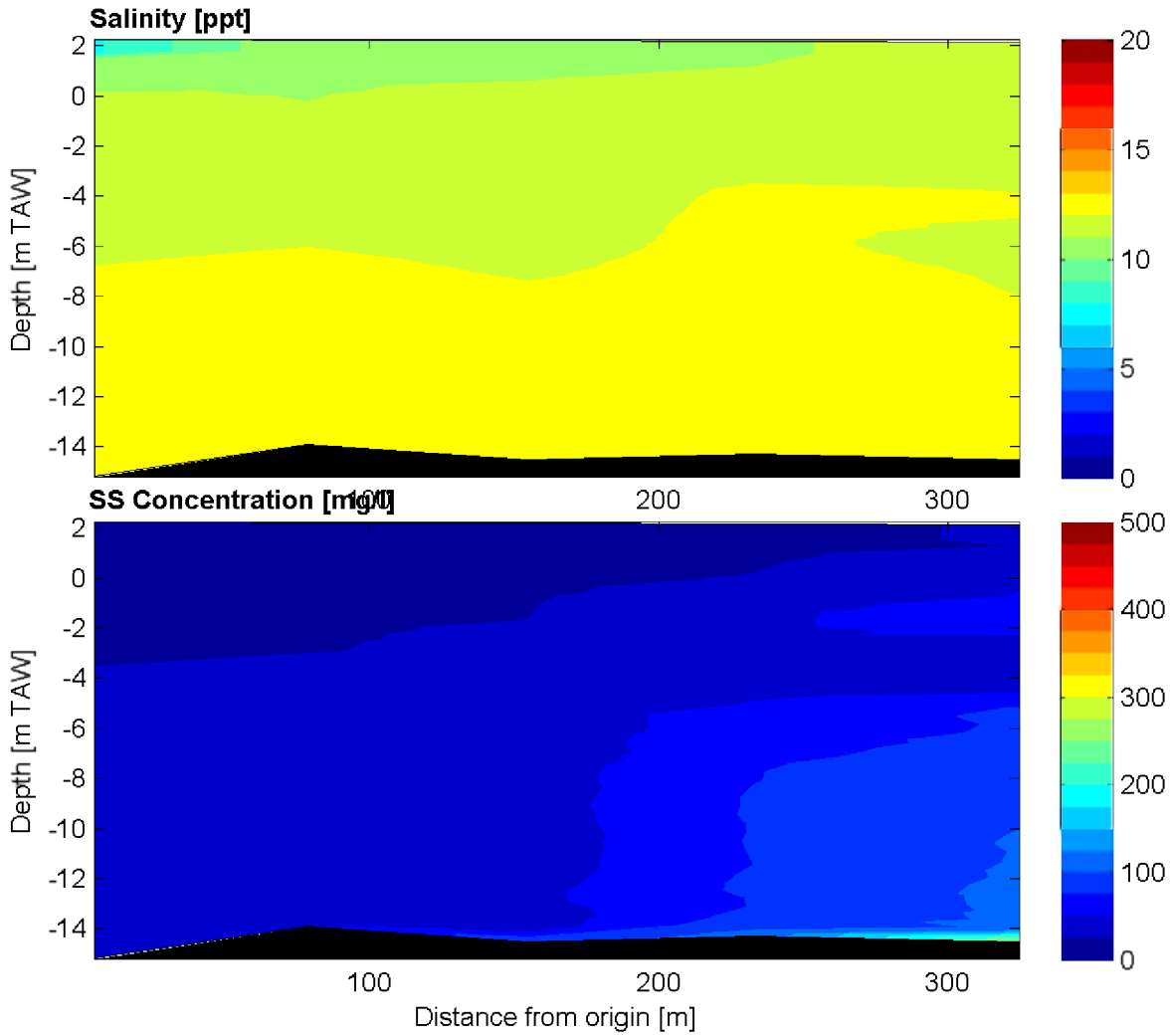
Data Processed by: IMDC

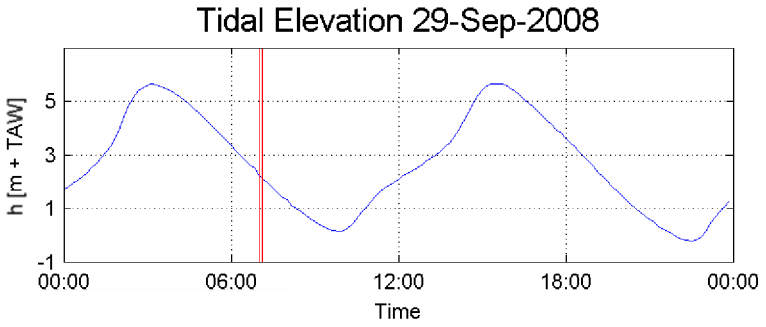
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8055ya.sil - 8059ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:00 - 07:07

Time after HW [HH:MM]

3:53

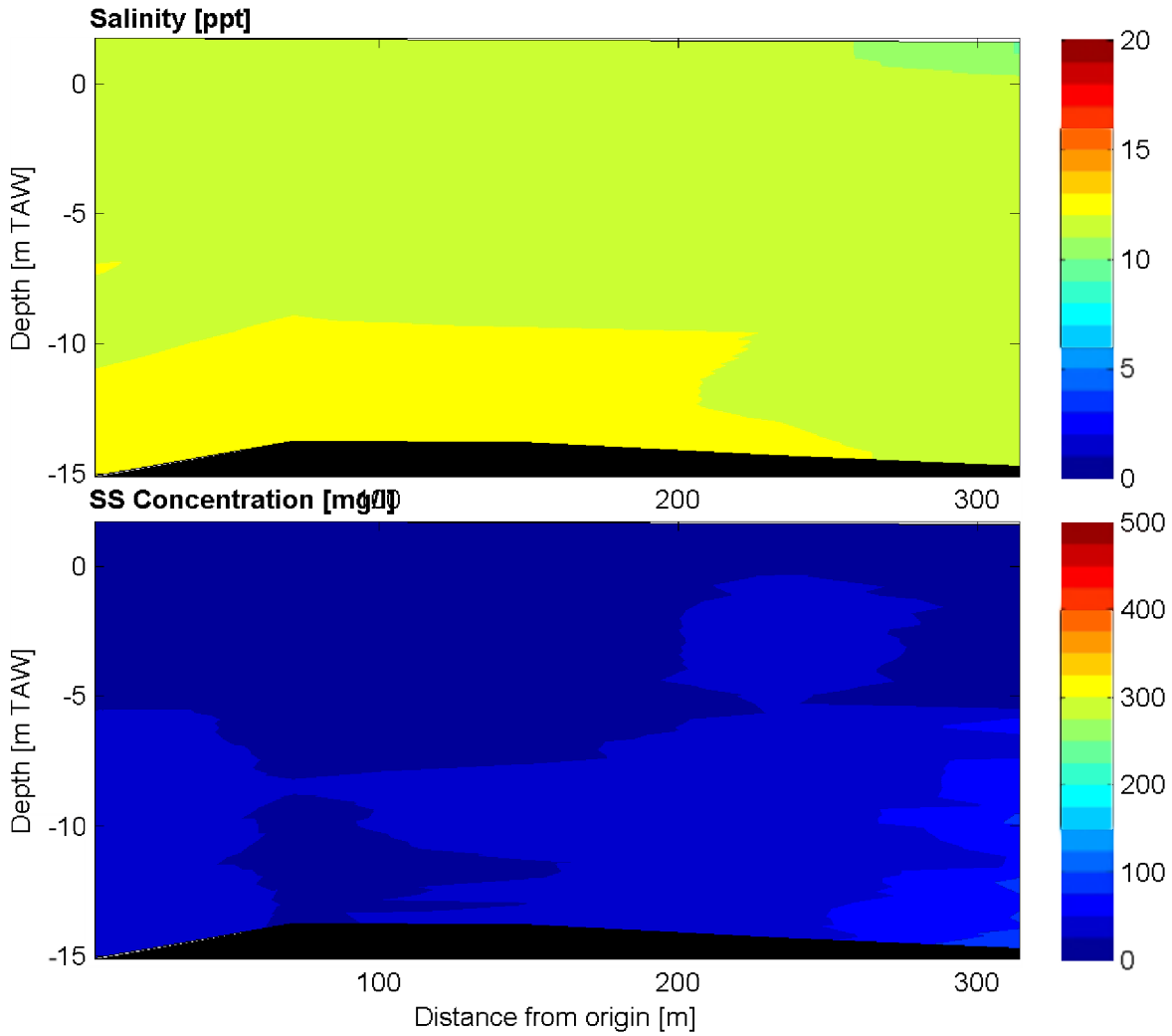
Data Processed by: IMDC

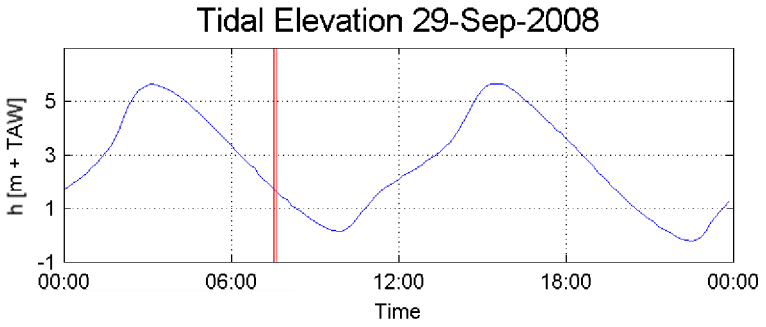
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8070ya.sil - 8074ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:31 - 07:37

Time after HW [HH:MM]

4:24

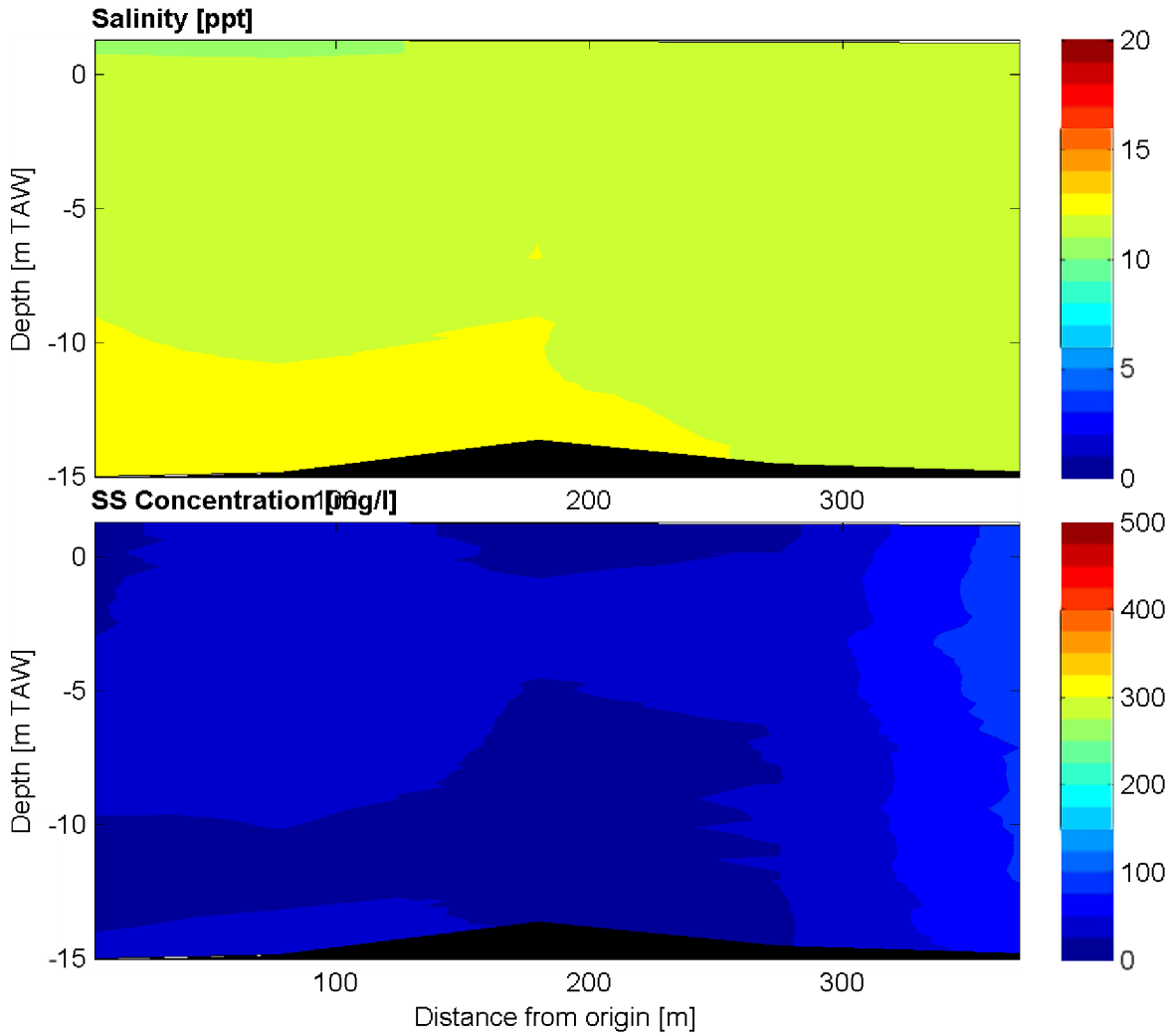
Data Processed by: IMDC

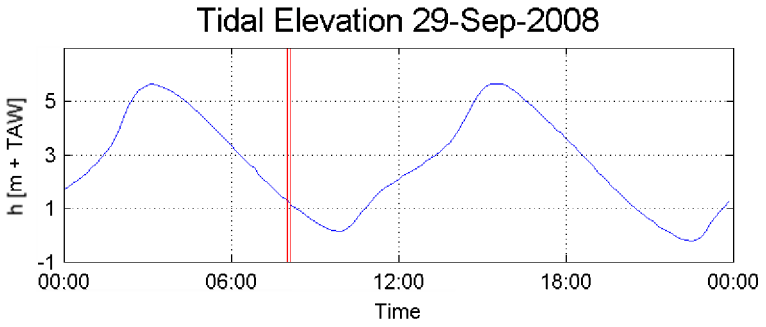
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8085ya.sil - 8089ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

08:01 - 08:07

Time after HW [HH:MM]

4:54

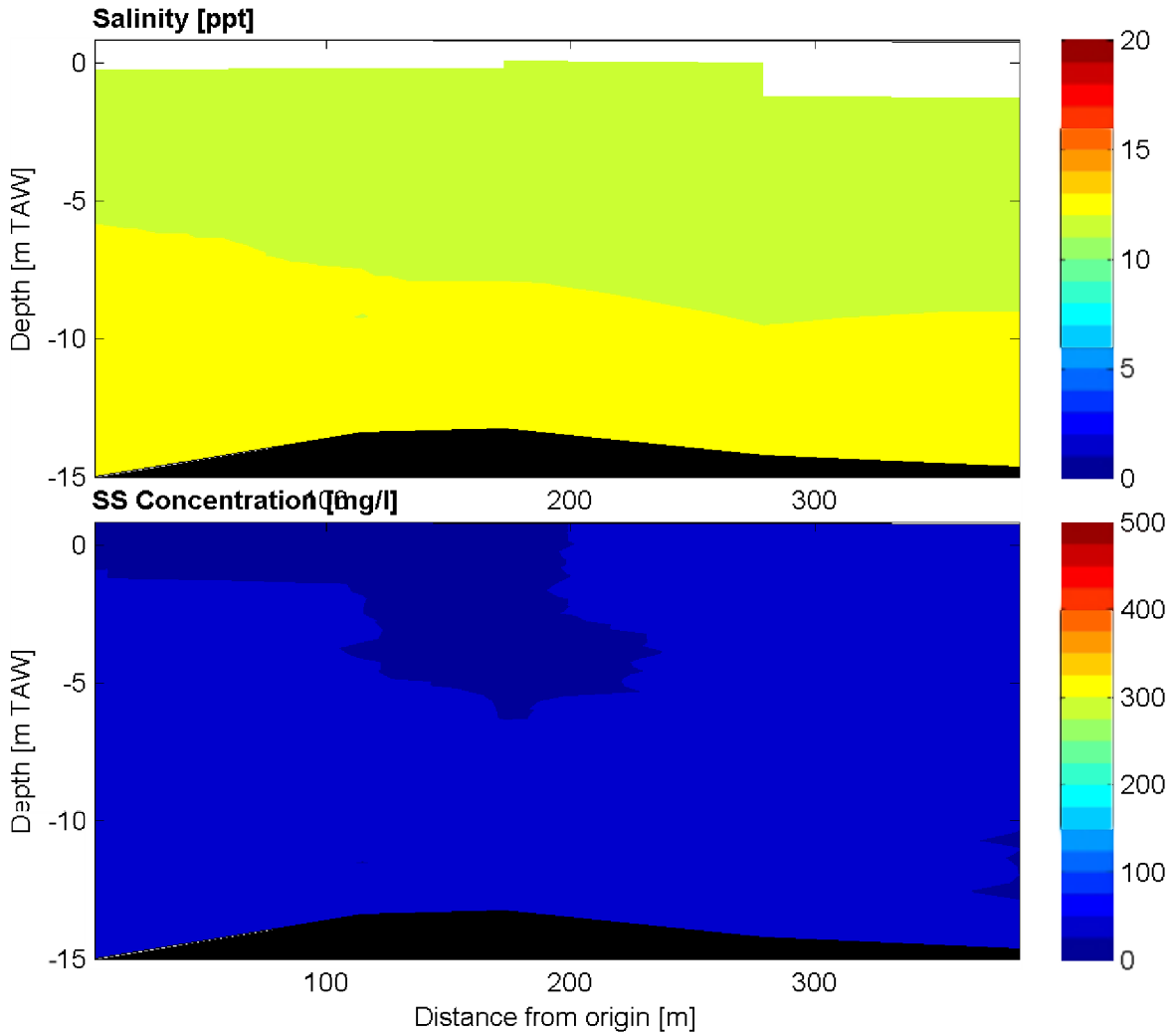
Data Processed by: IMDC

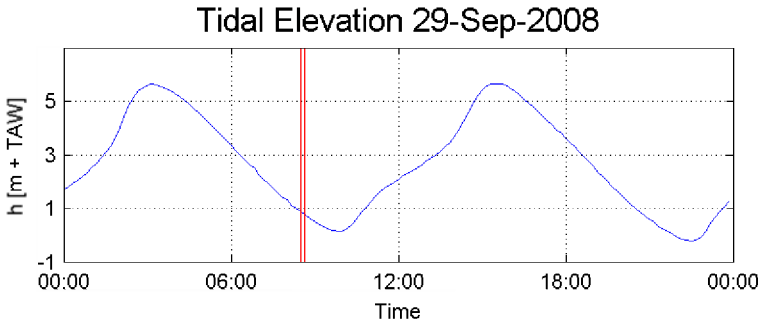
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8100ya.sil - 8104ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

08:30 - 08:37

Time after HW [HH:MM]

5:24

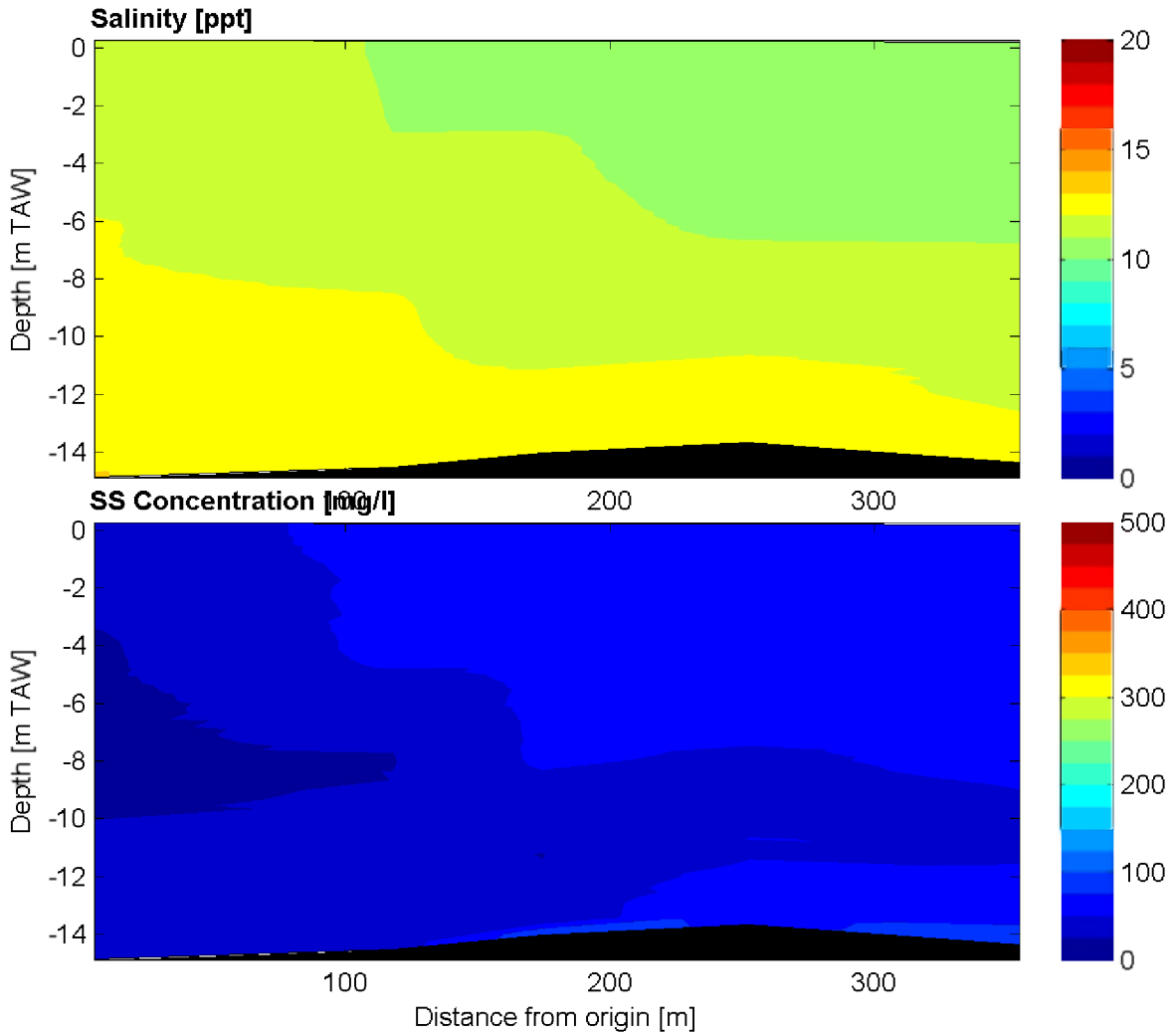
Data Processed by: IMDC

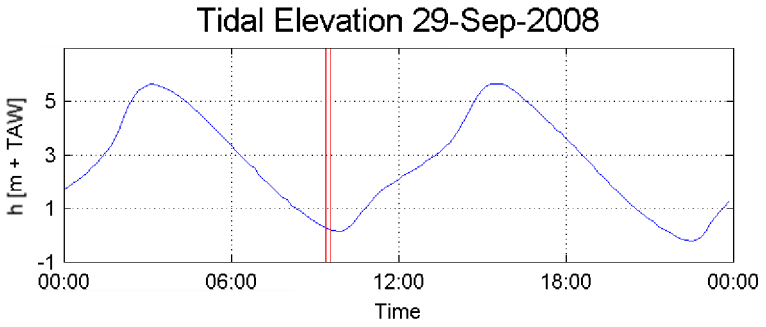
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8120ya.sil - 8124ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

09:24 - 09:33

Time after HW [HH:MM]

6:18

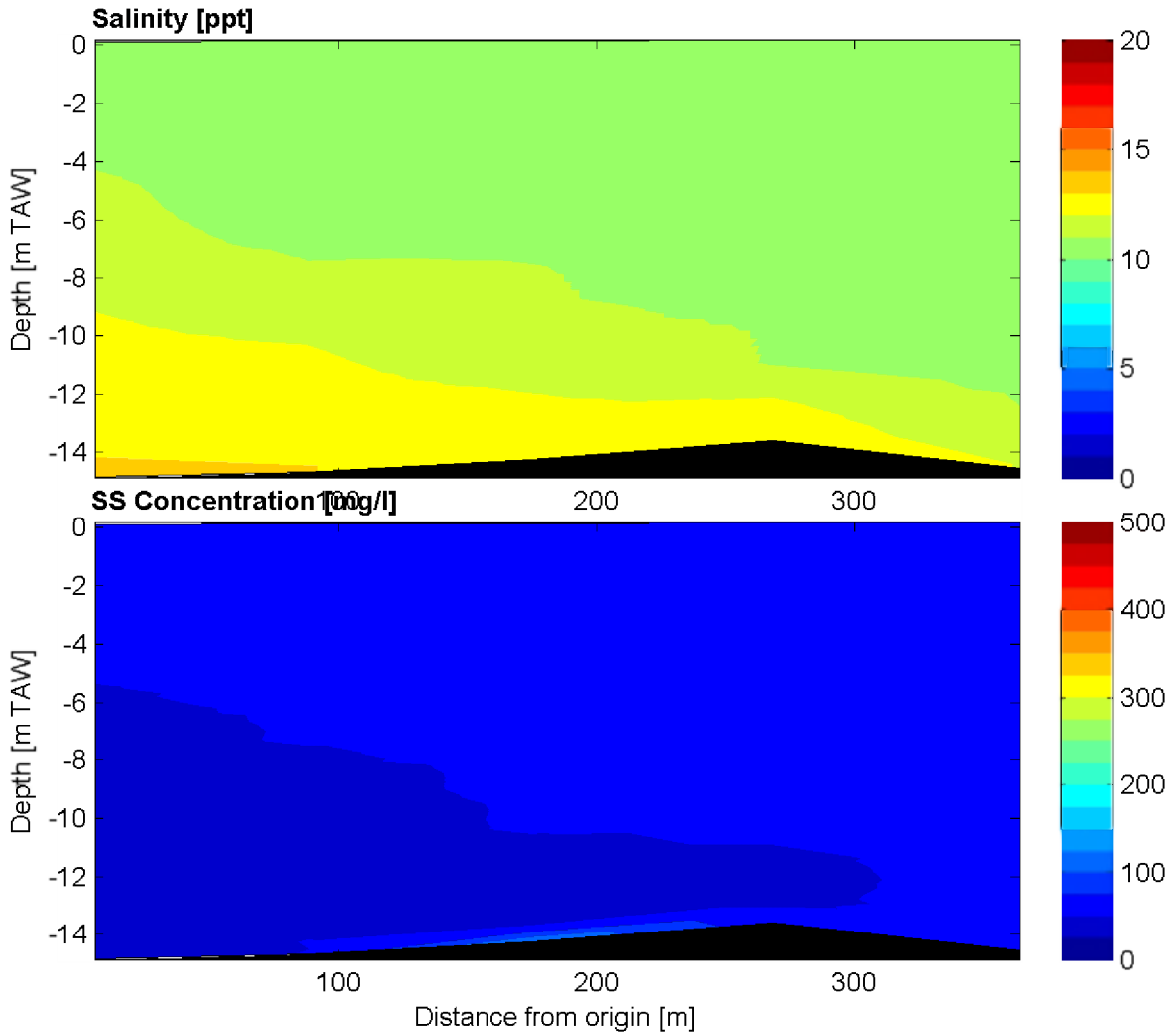
Data Processed by: IMDC

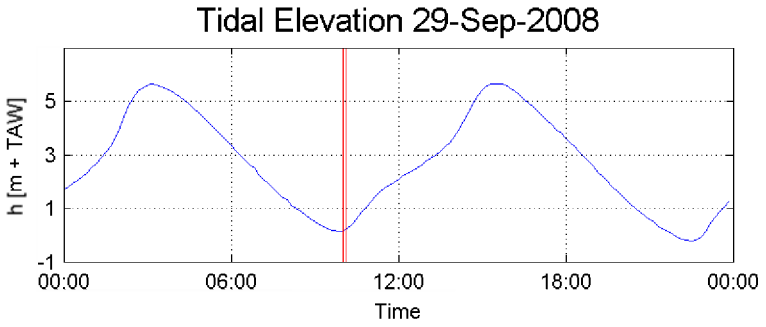
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8135ya.sil - 8139ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

10:00 - 10:06

Time after HW [HH:MM]

-5:26

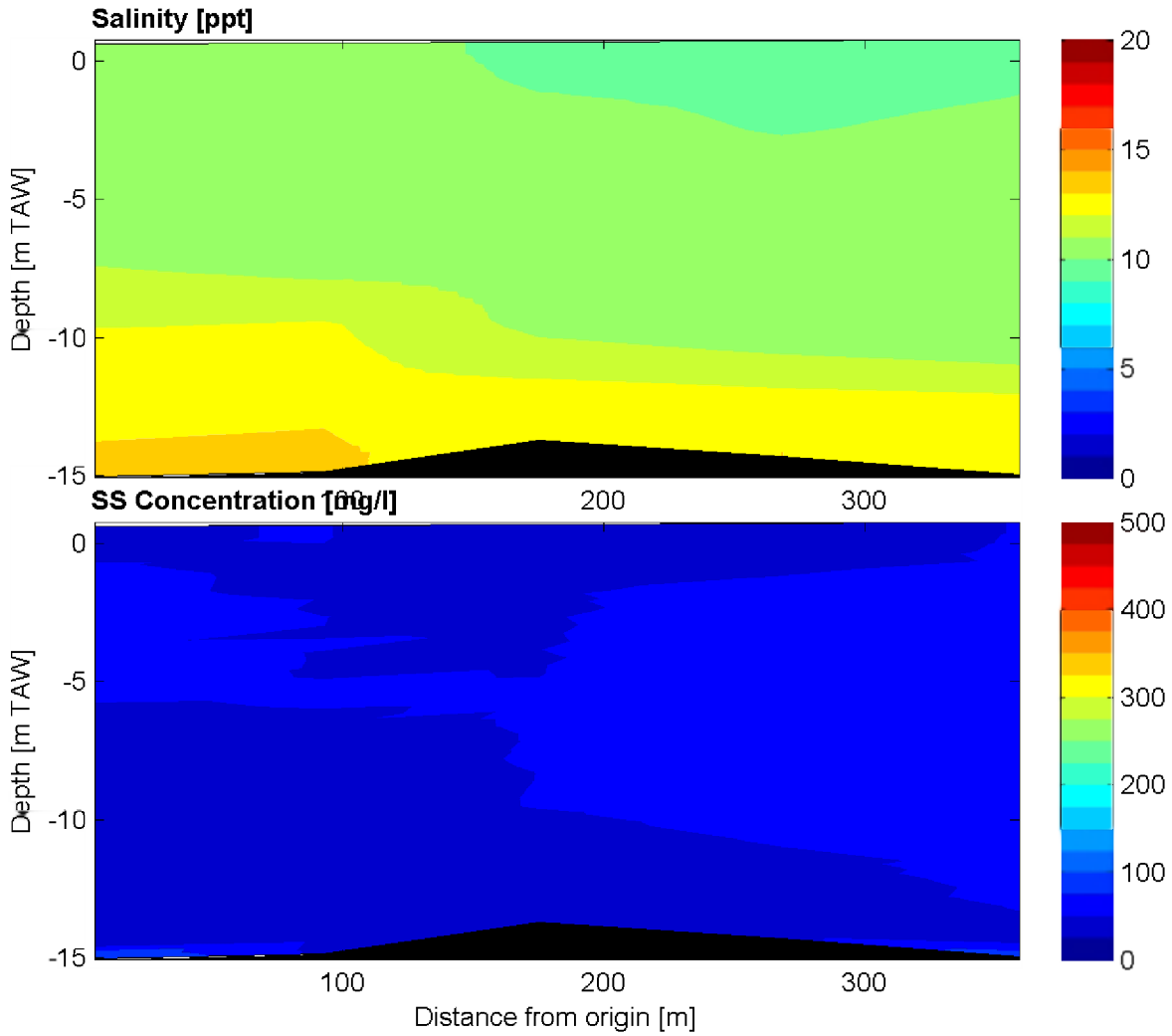
Data Processed by: IMDC

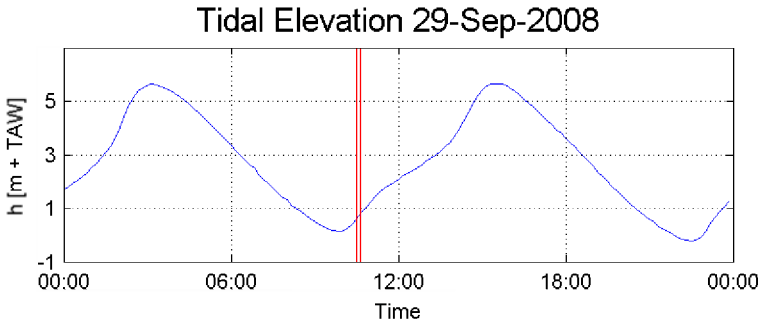
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8150ya.sil - 8154ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

10:30 - 10:37

Time after HW [HH:MM]

-4:55

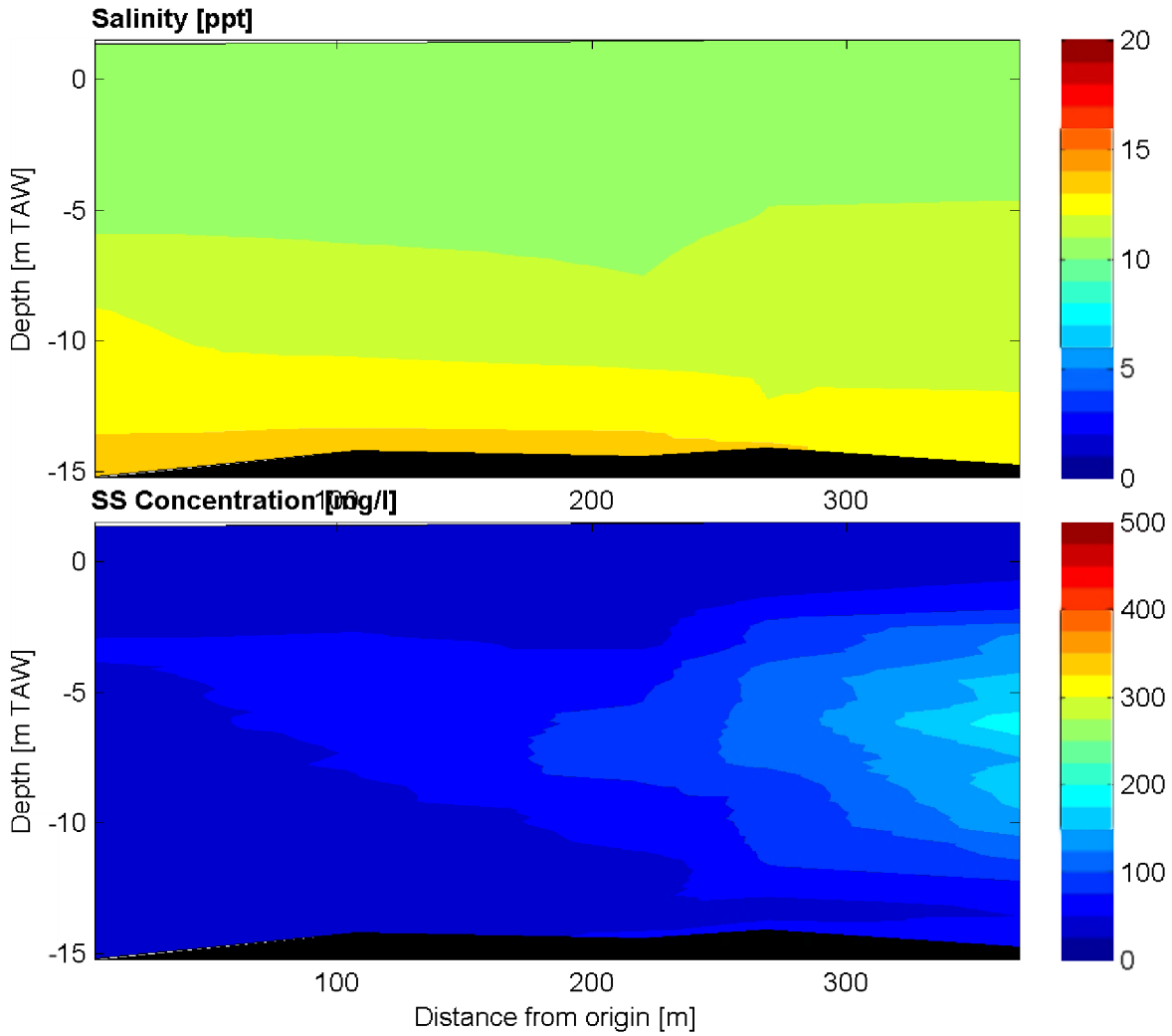
Data Processed by: IMDC

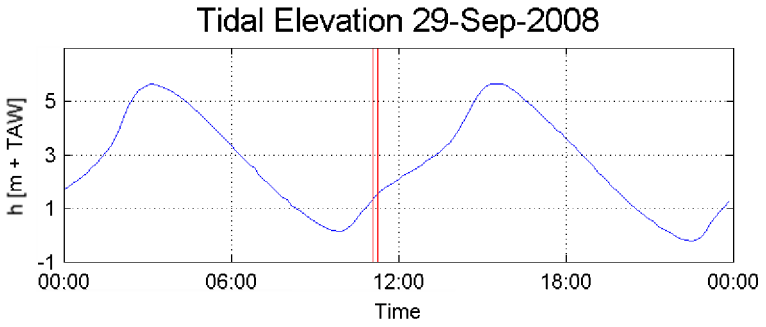
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8165ya.sil - 8169ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:05 - 11:15

Time after HW [HH:MM]

-4:19

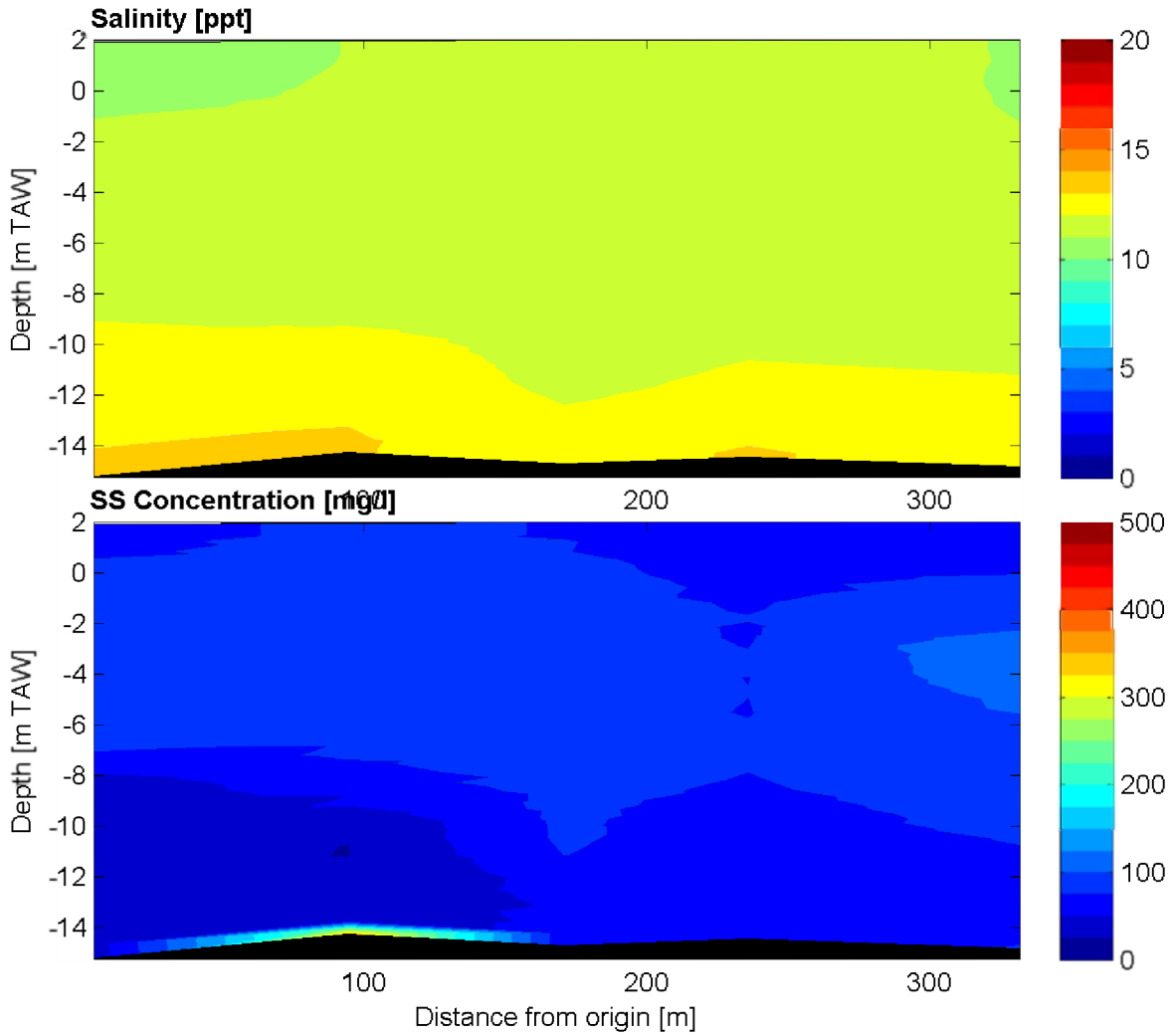
Data Processed by: IMDC

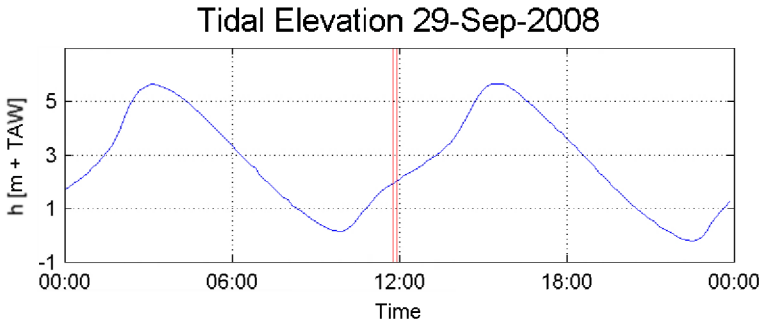
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8180ya.sil - 8184ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:46 - 11:54

Time after HW [HH:MM]

-3:39

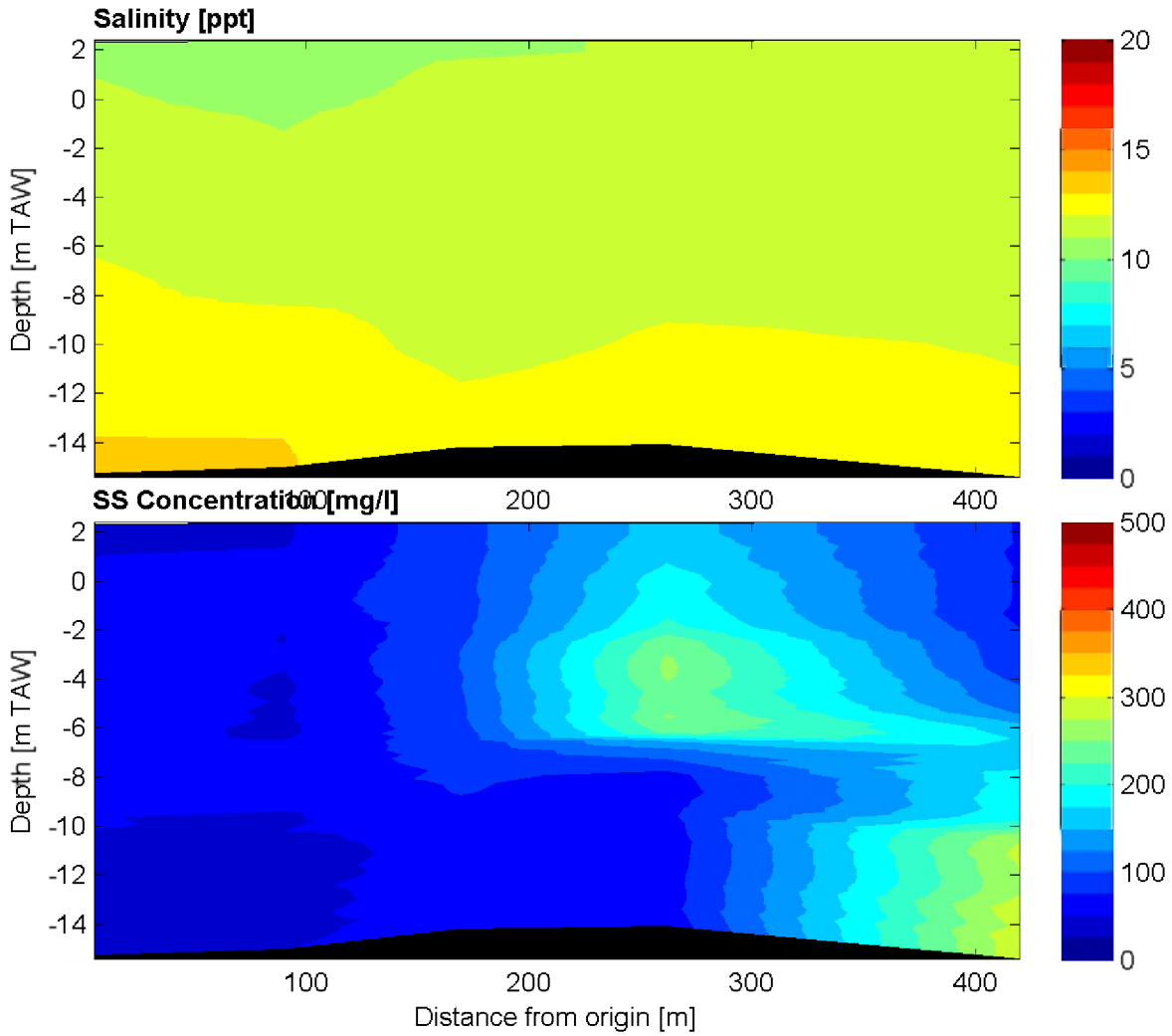
Data Processed by: IMDC

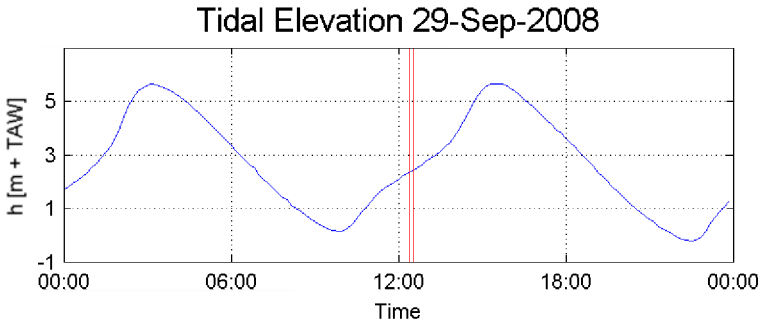
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8195ya.sil - 8199ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

12:23 - 12:31

Time after HW [HH:MM]

-3:02

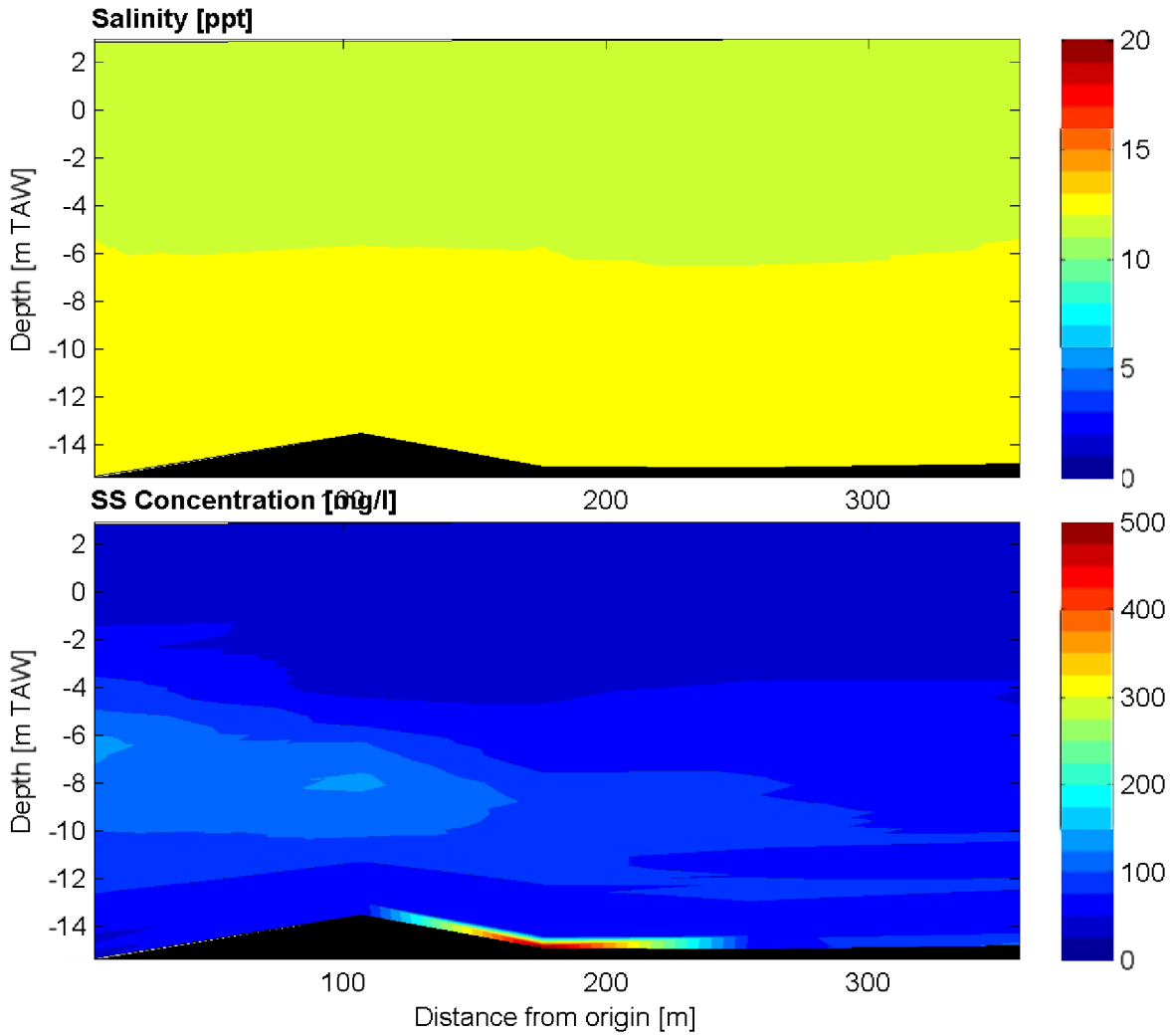
Data Processed by: IMDC

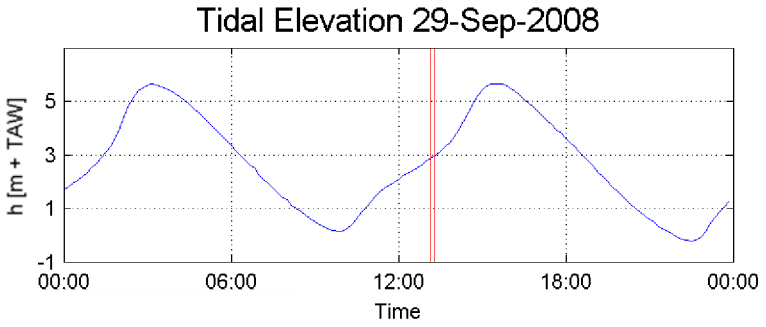
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8215ya.sil - 8219ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:09 - 13:17

Time after HW [HH:MM]

-2:16

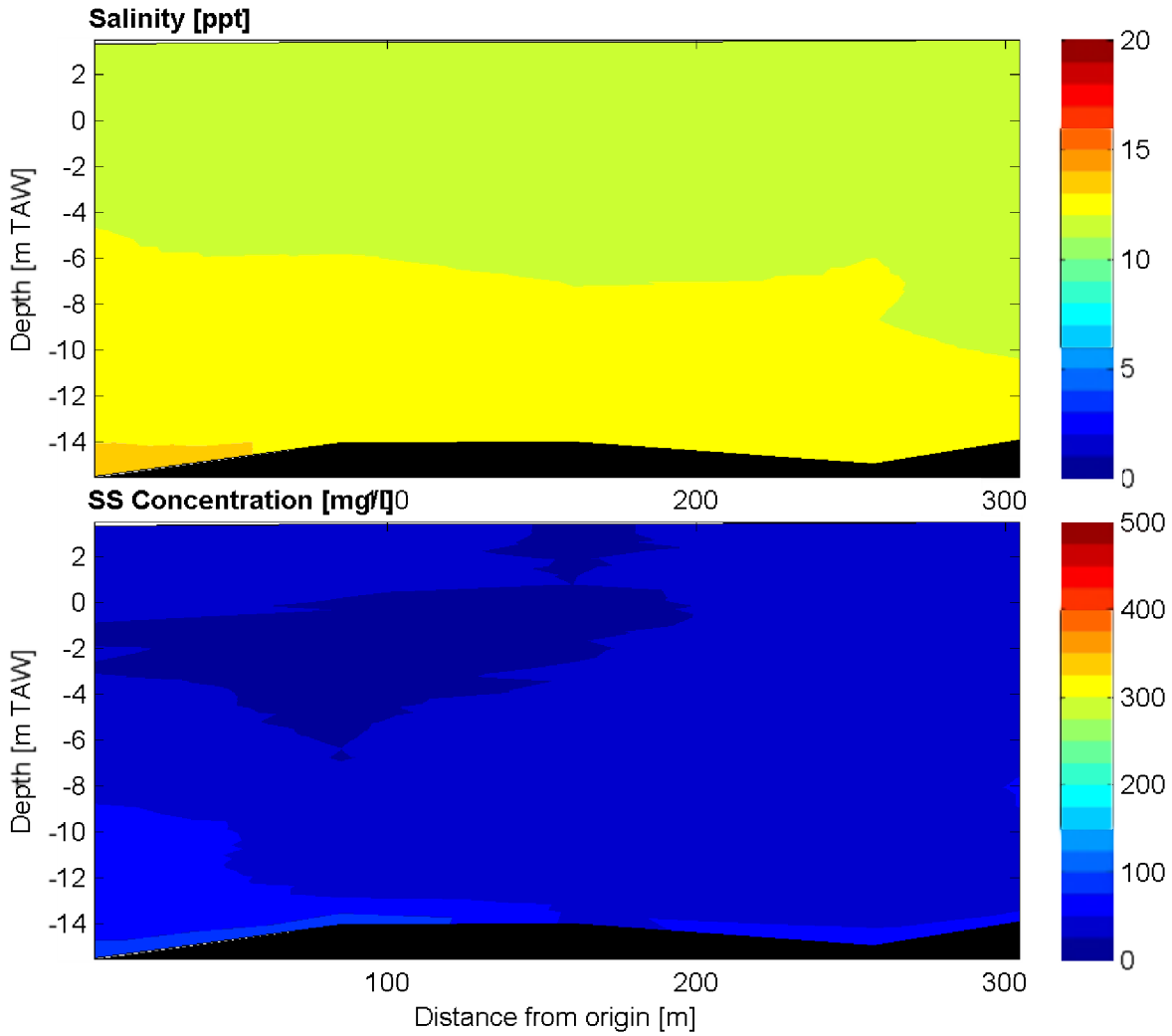
Data Processed by: IMDC

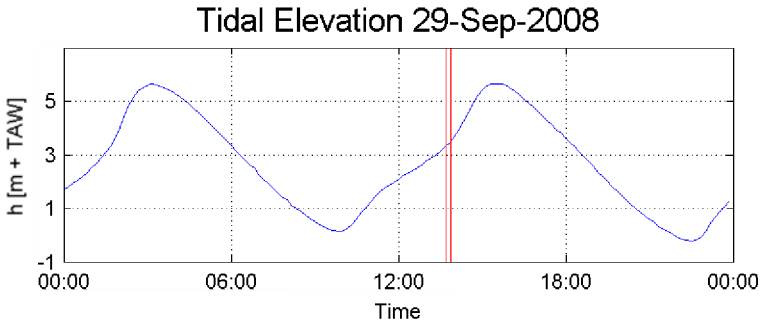
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8230ya.sil - 8234ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:43 - 13:53

Time after HW [HH:MM]

-1:41

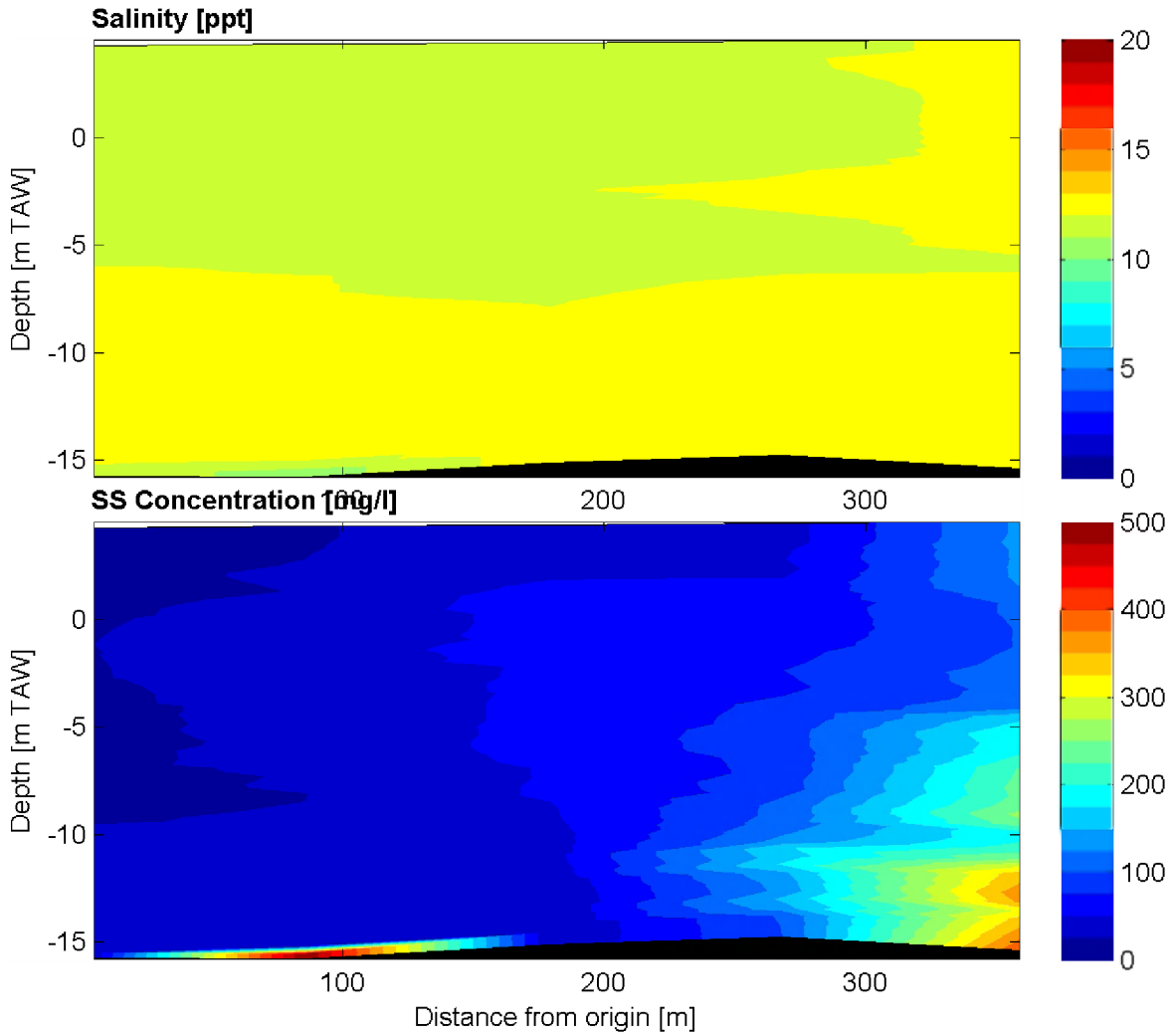
Data Processed by: IMDC

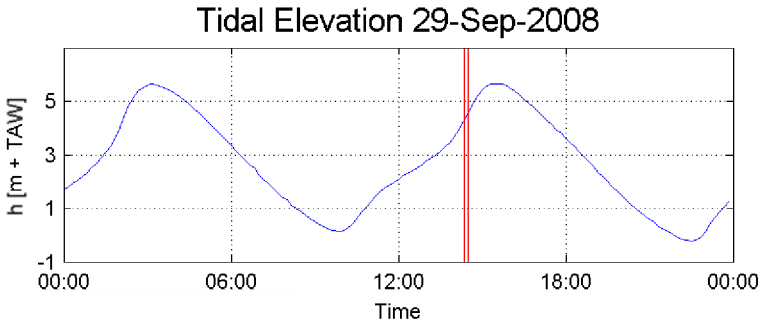
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8245ya.sil - 8249ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

14:21 - 14:29

Time after HW [HH:MM]

-1:04

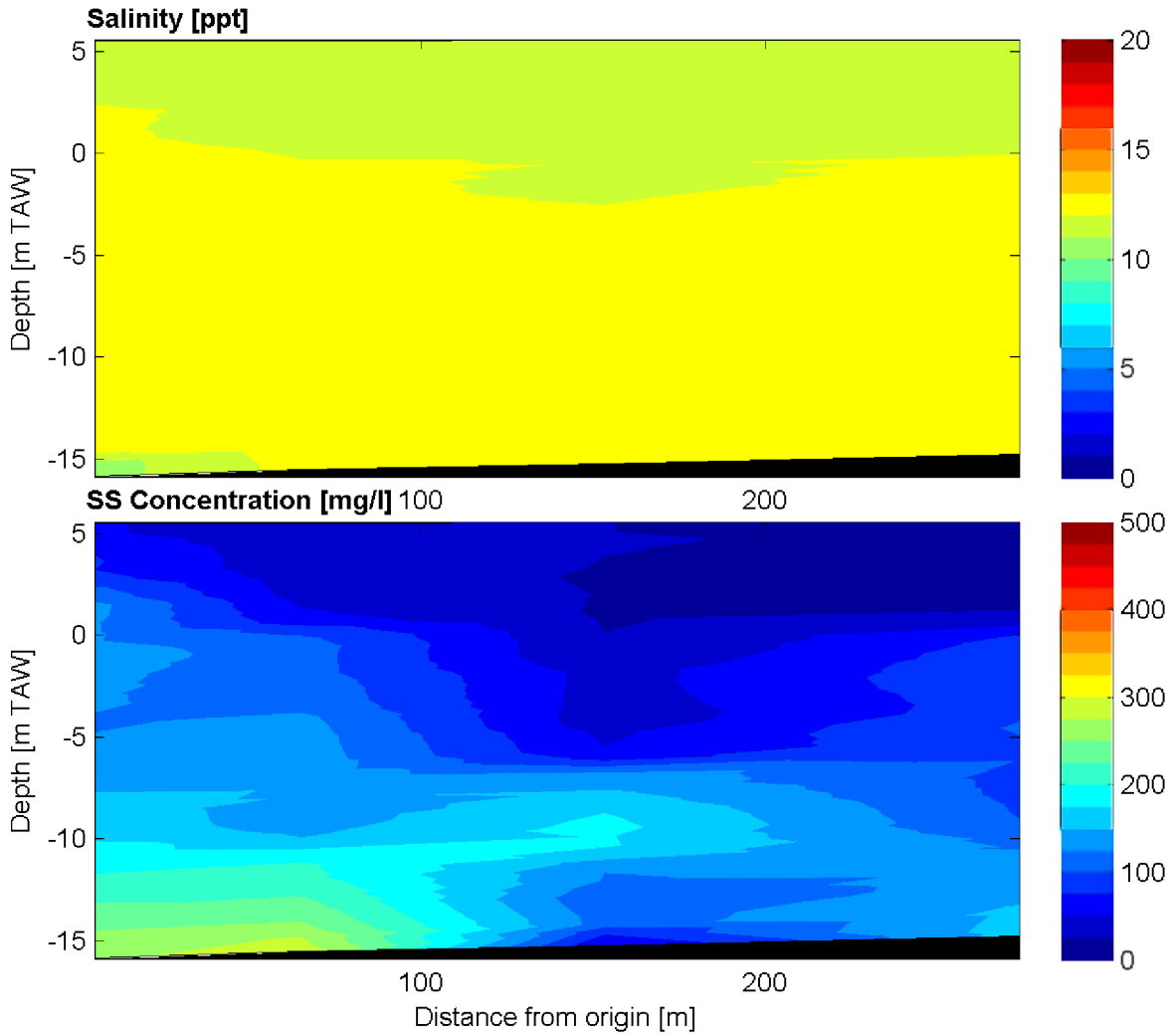
Data Processed by: IMDC

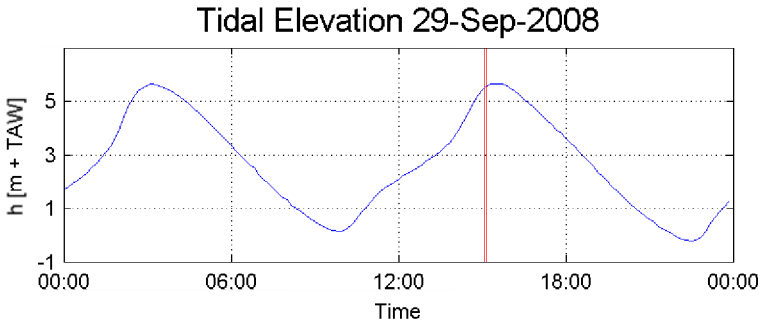
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8260ya.sil - 8263yd.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

15:04 - 15:10

Time after HW [HH:MM]

-0:22

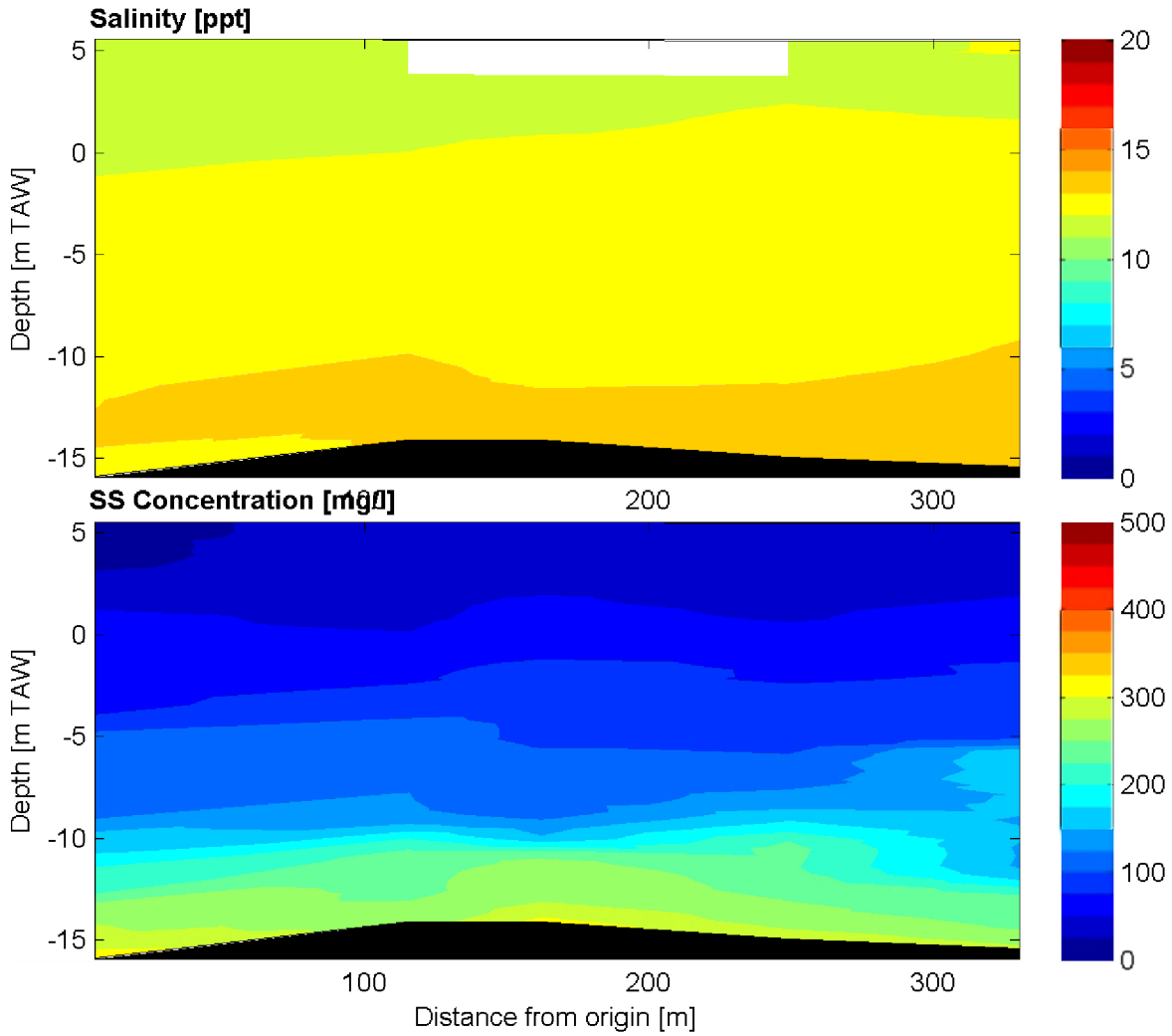
Data Processed by: IMDC

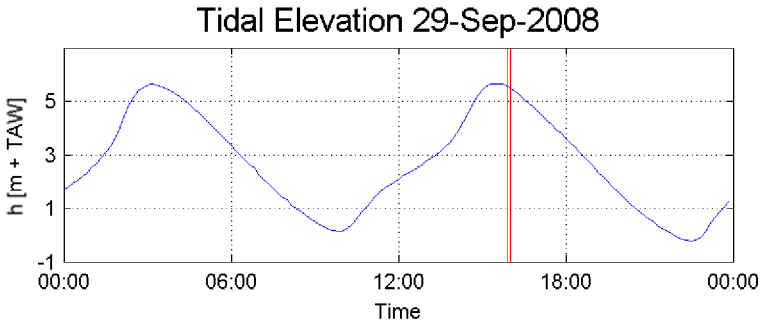
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8275ya.sil - 8279ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

15:54 - 16:01

Time after HW [HH:MM]

0:27

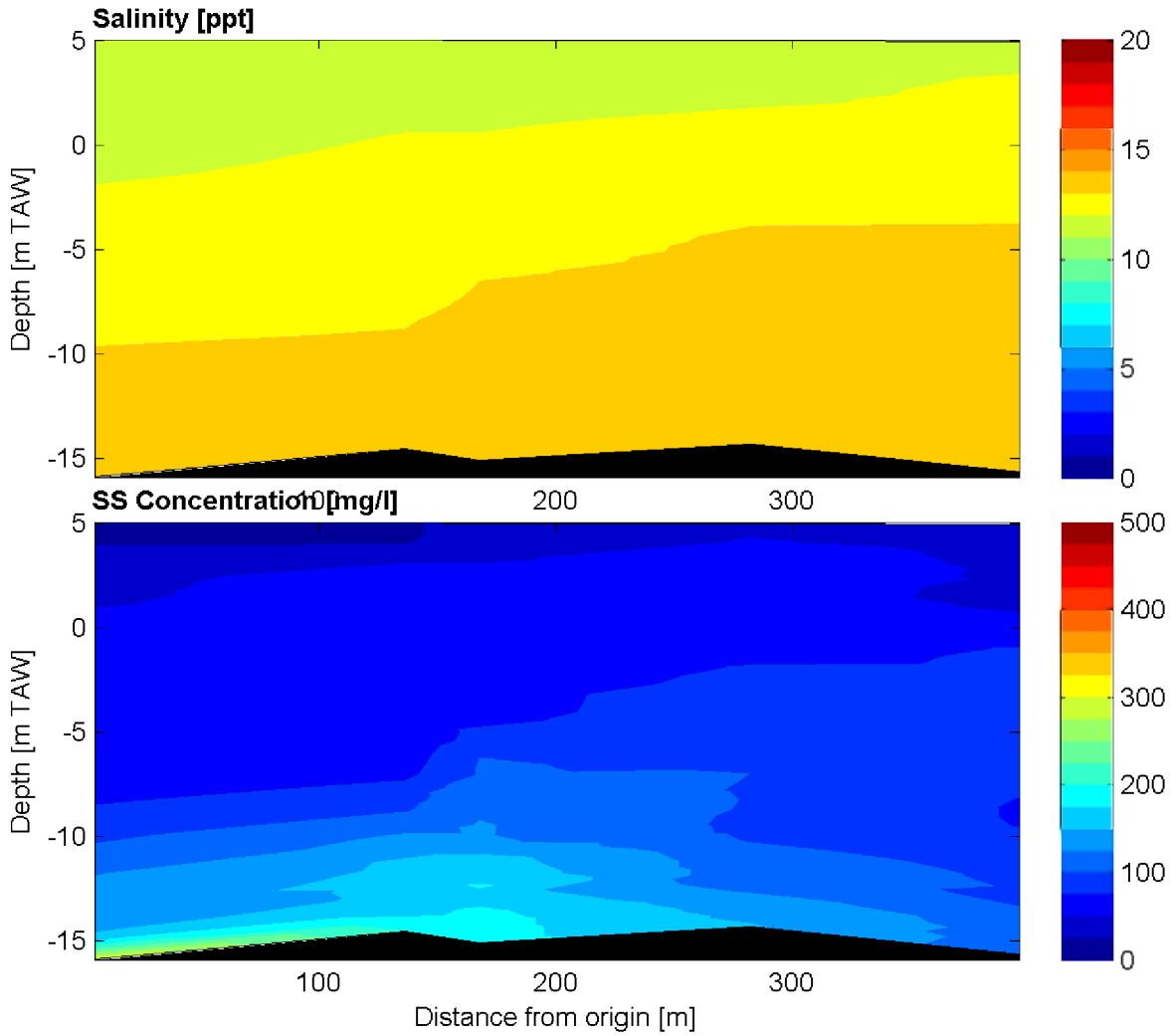
Data Processed by: IMDC

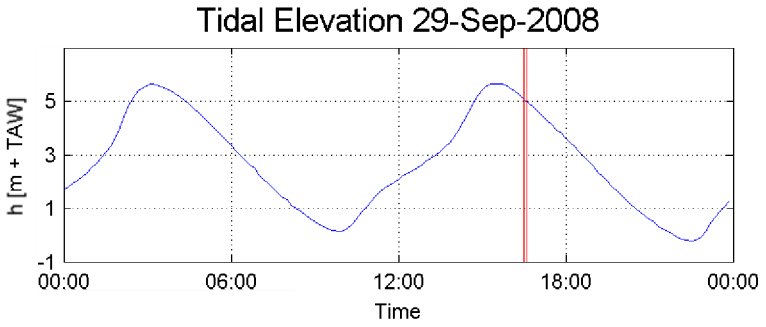
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8290ya.sil - 8294ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:30 - 16:37

Time after HW [HH:MM]

1:03

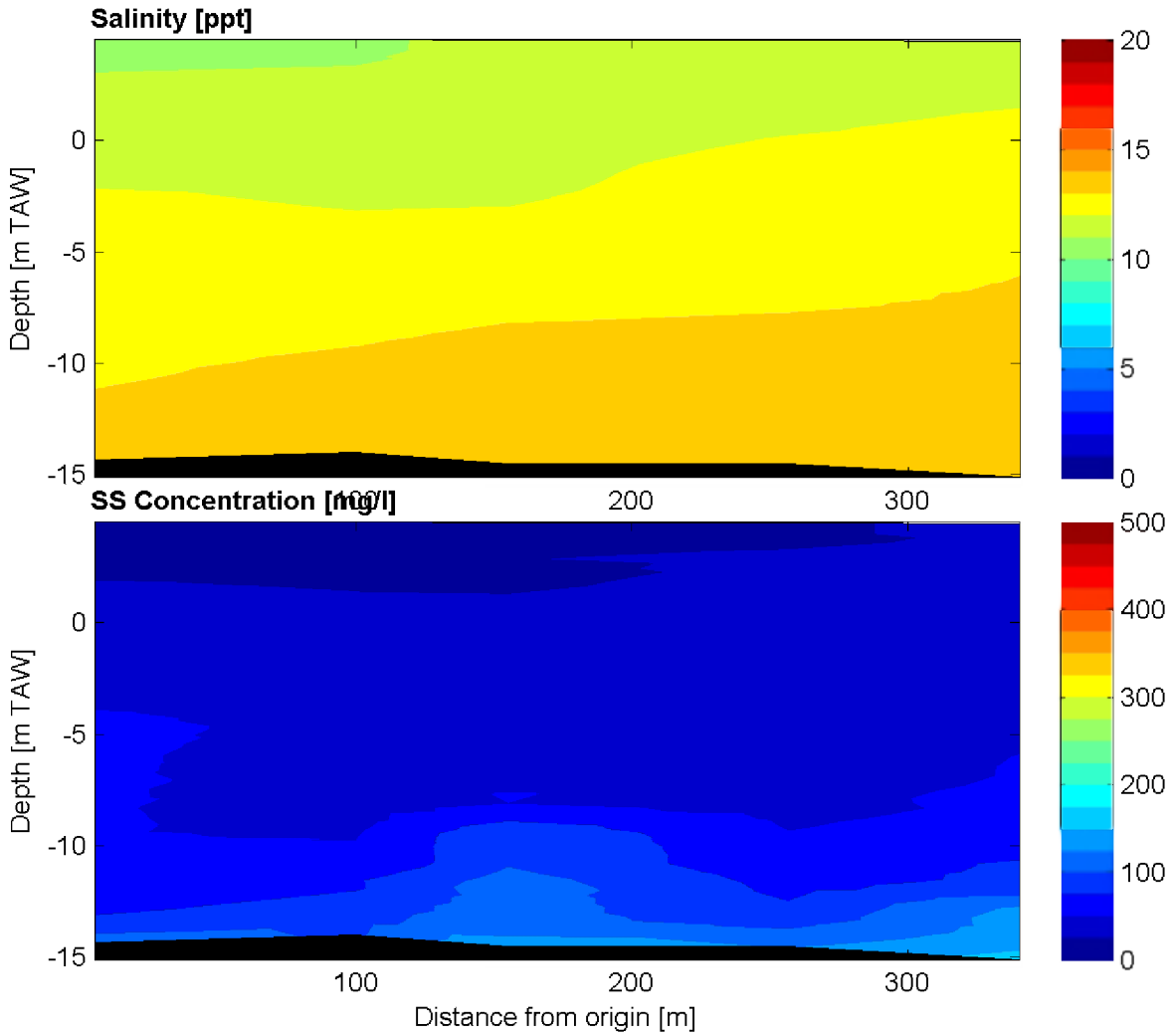
Data Processed by: IMDC

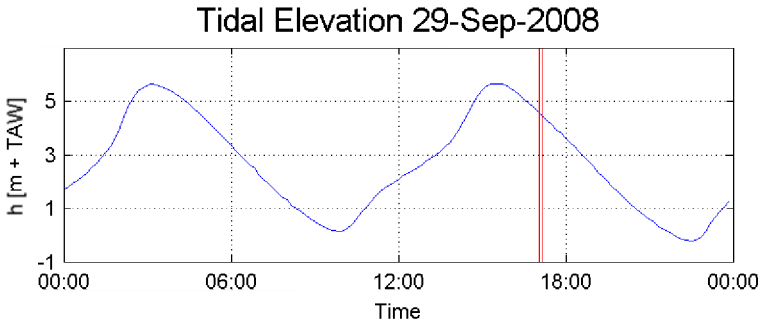
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8305ya.sil - 8309ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:02 - 17:09

Time after HW [HH:MM]

1:36

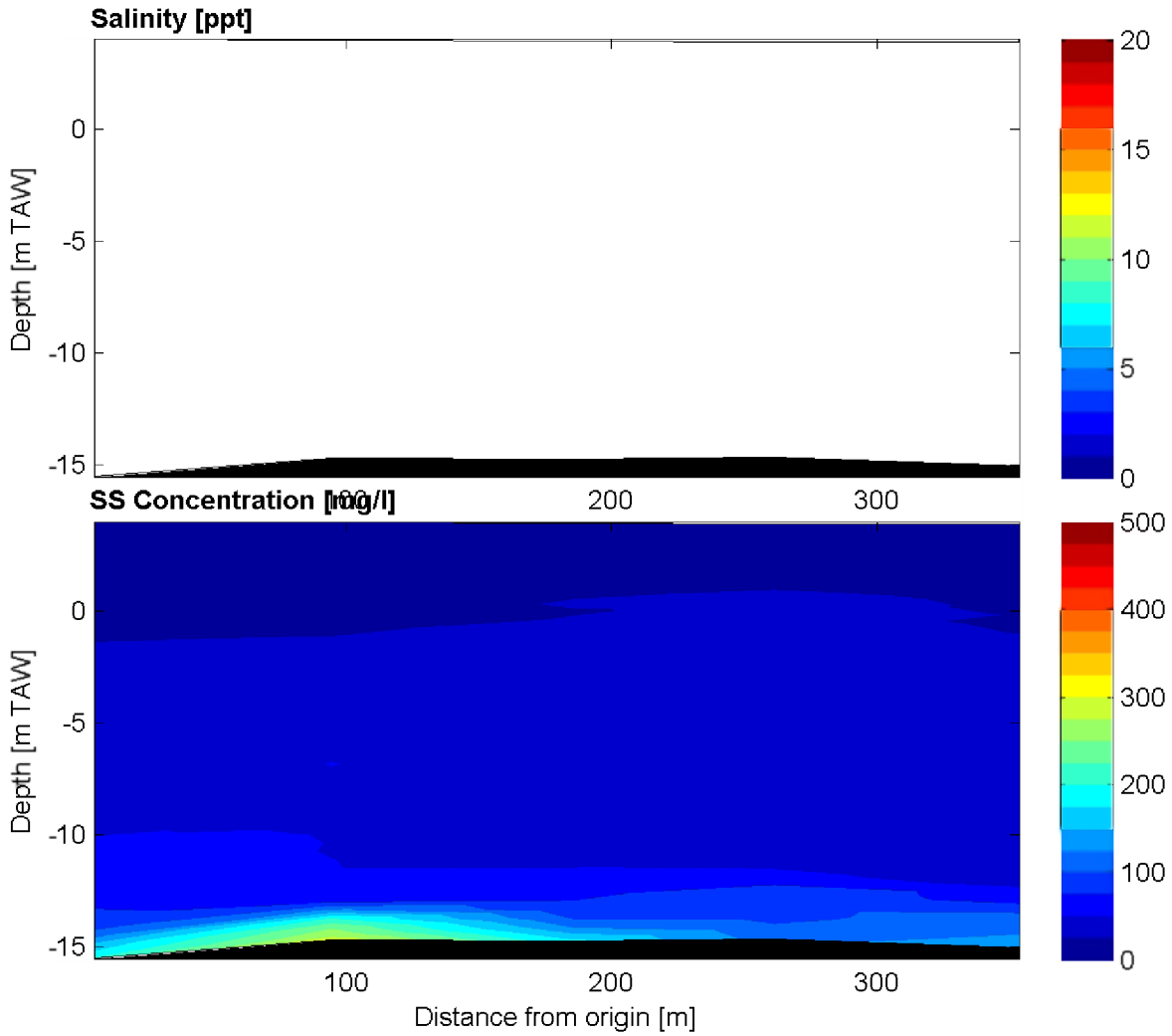
Data Processed by: IMDC

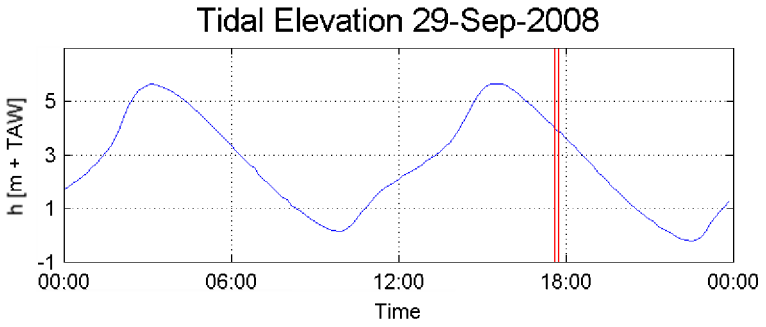
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8320ya.sil - 8324ye.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:36 - 17:43

Time after HW [HH:MM]

2:09

Data Processed by: IMDC

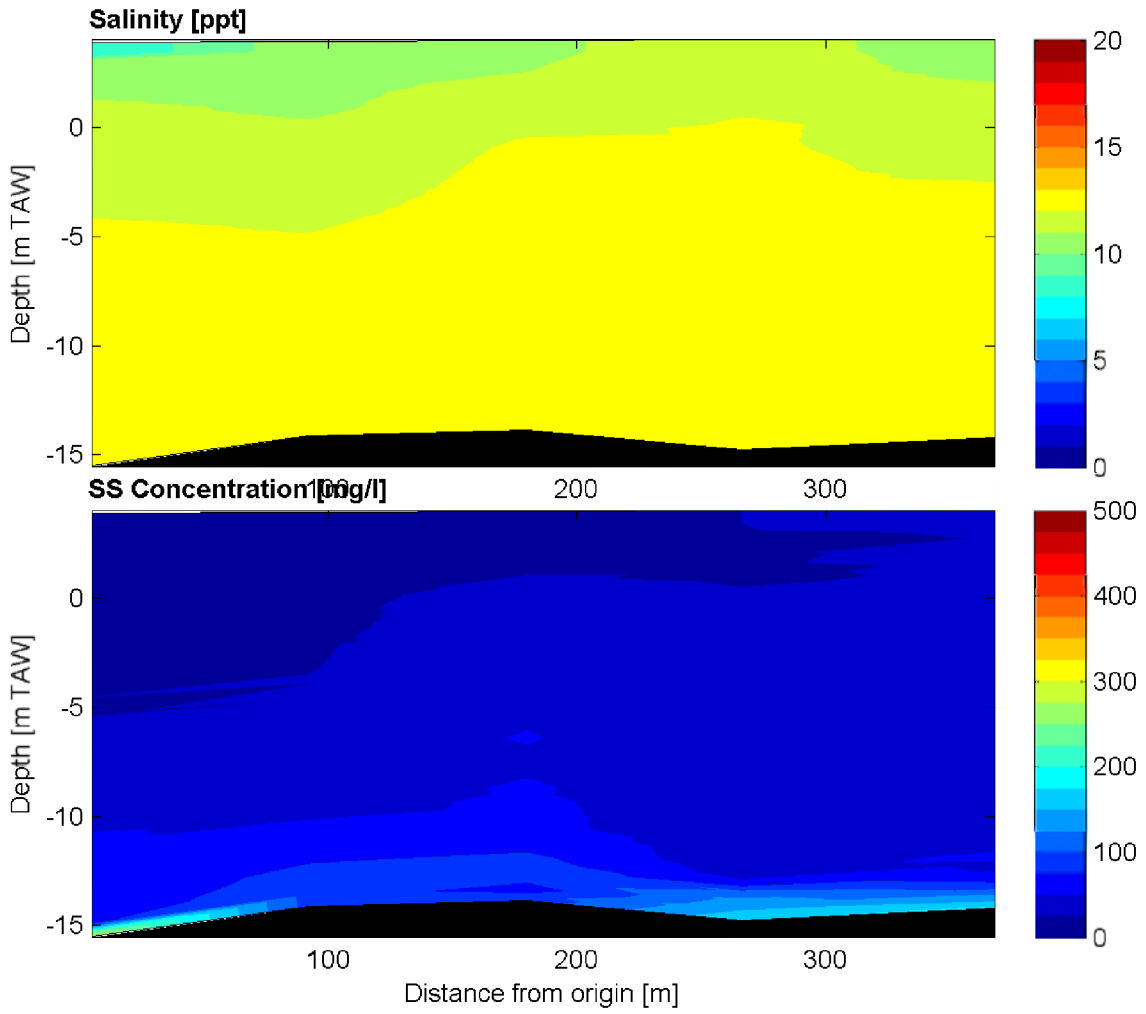
In association with : WL | delft hydraulics

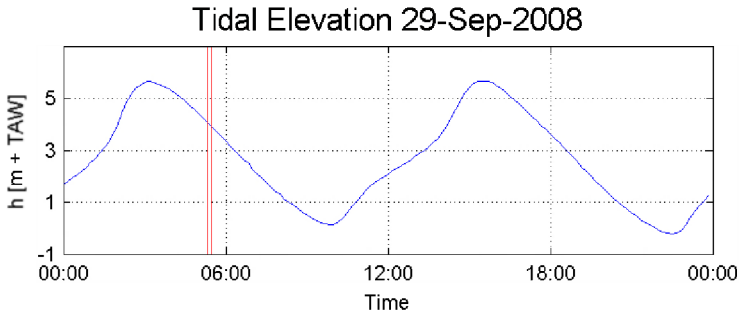
I/RA/11283/08.090/MSA

I.3 Cross-section Z

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8018za.sil - 8014ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:28 - 05:20

Time after HW [HH:MM]

2:14

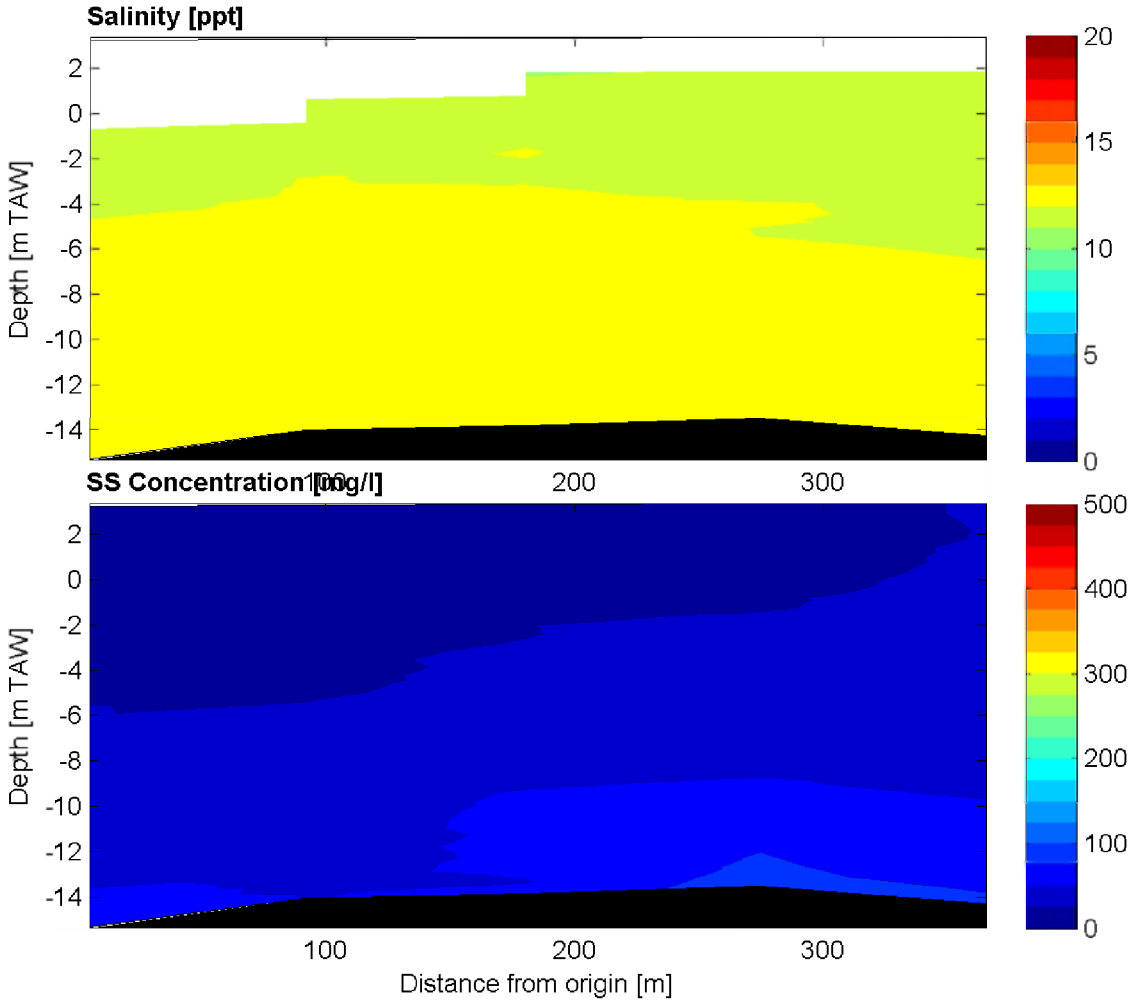
Data Processed by: IMDC

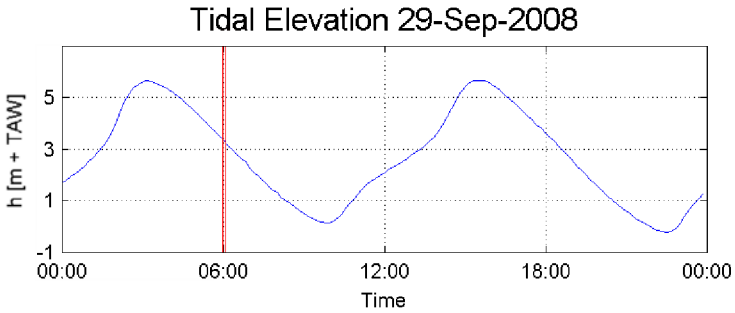
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8033za.sil - 8029ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

06:05 - 05:58

Time after HW [HH:MM]

2:52

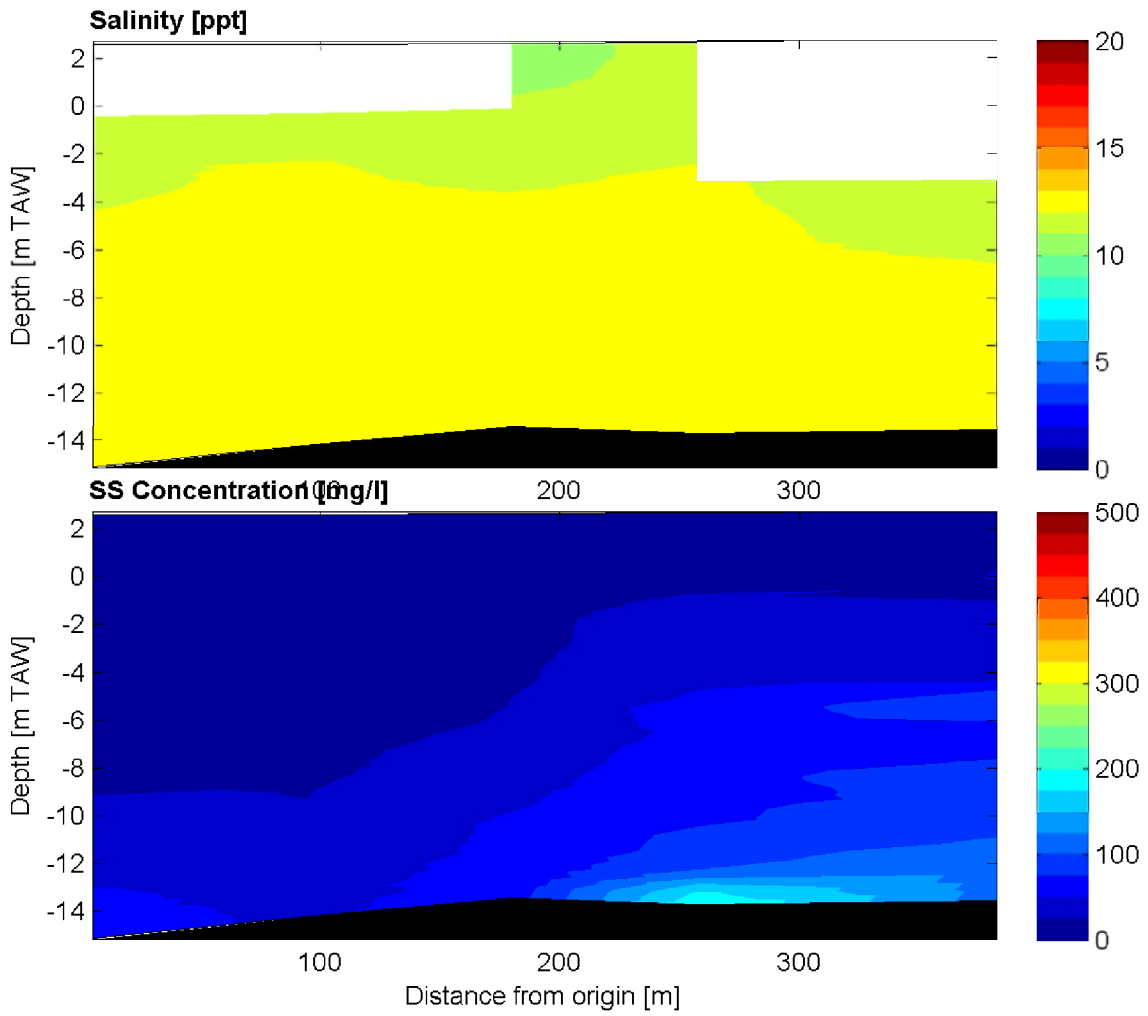
Data Processed by: IMDC

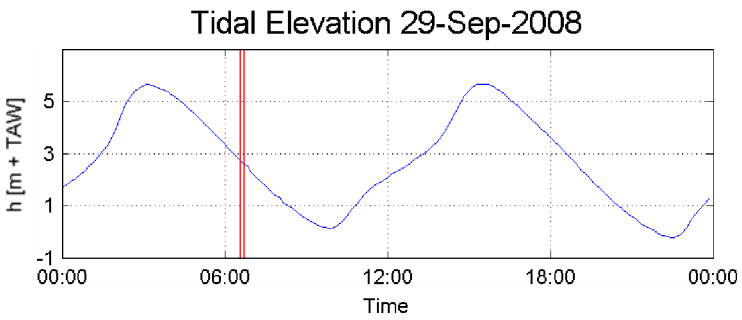
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8049za.sil - 8045ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

06:42 - 06:33

Time after HW [HH:MM]

3:27

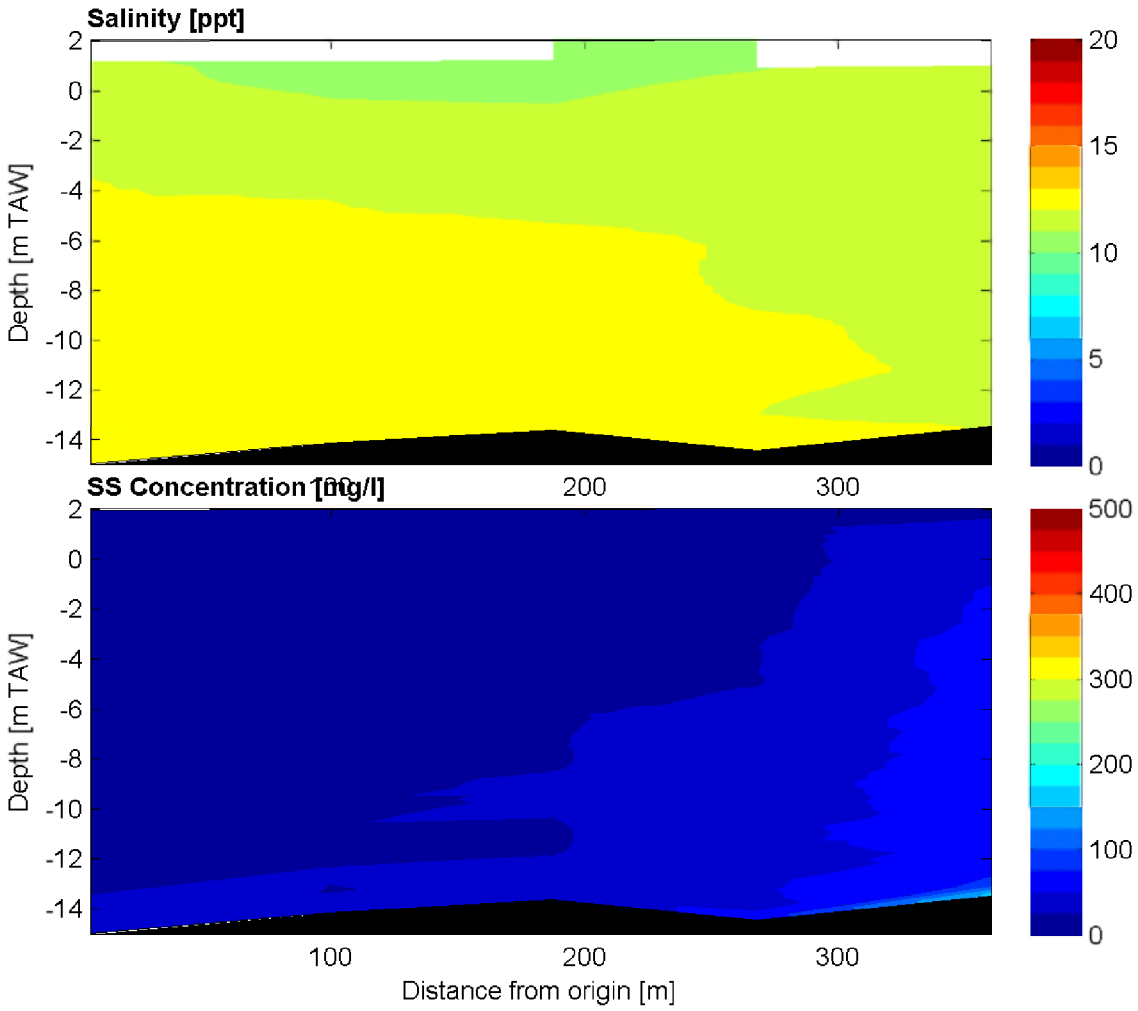
Data Processed by: IMDC

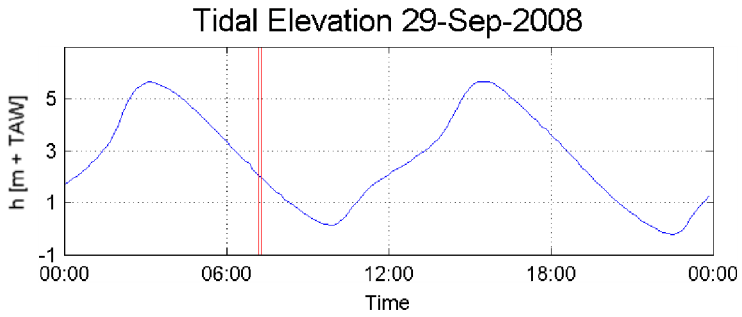
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8064za.sil - 8060ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:16 - 07:10

Time after HW [HH:MM]

4:03

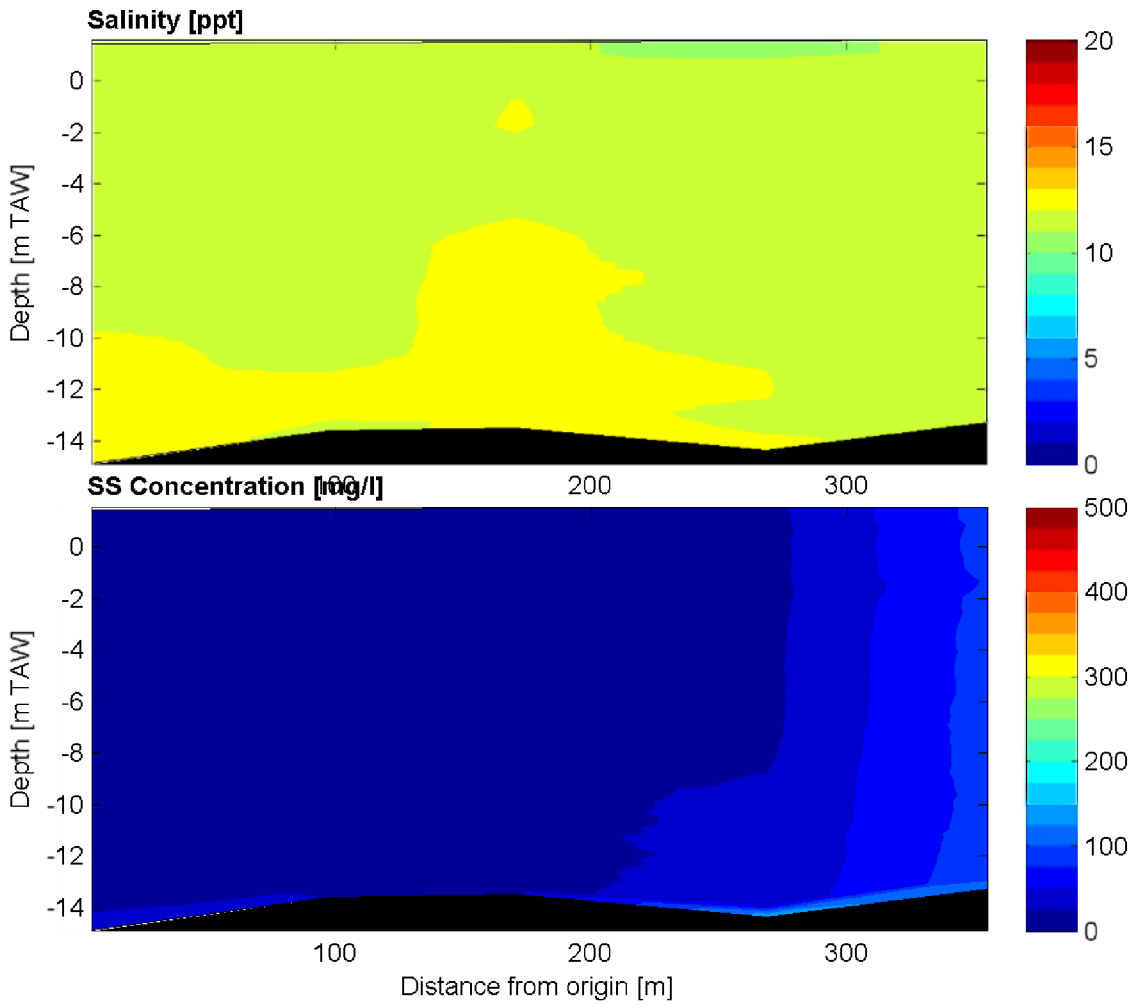
Data Processed by: IMDC

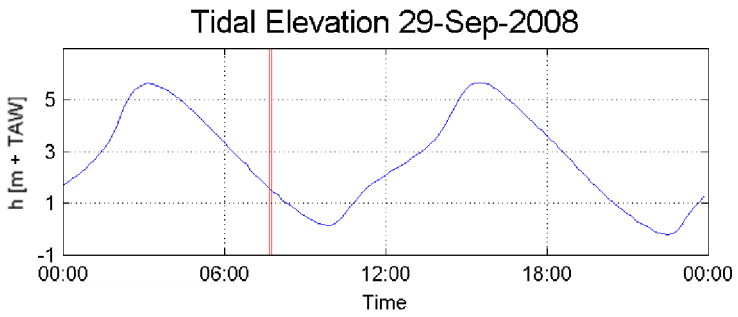
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8079za.sil - 8075ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:46 - 07:39

Time after HW [HH:MM]

4:33

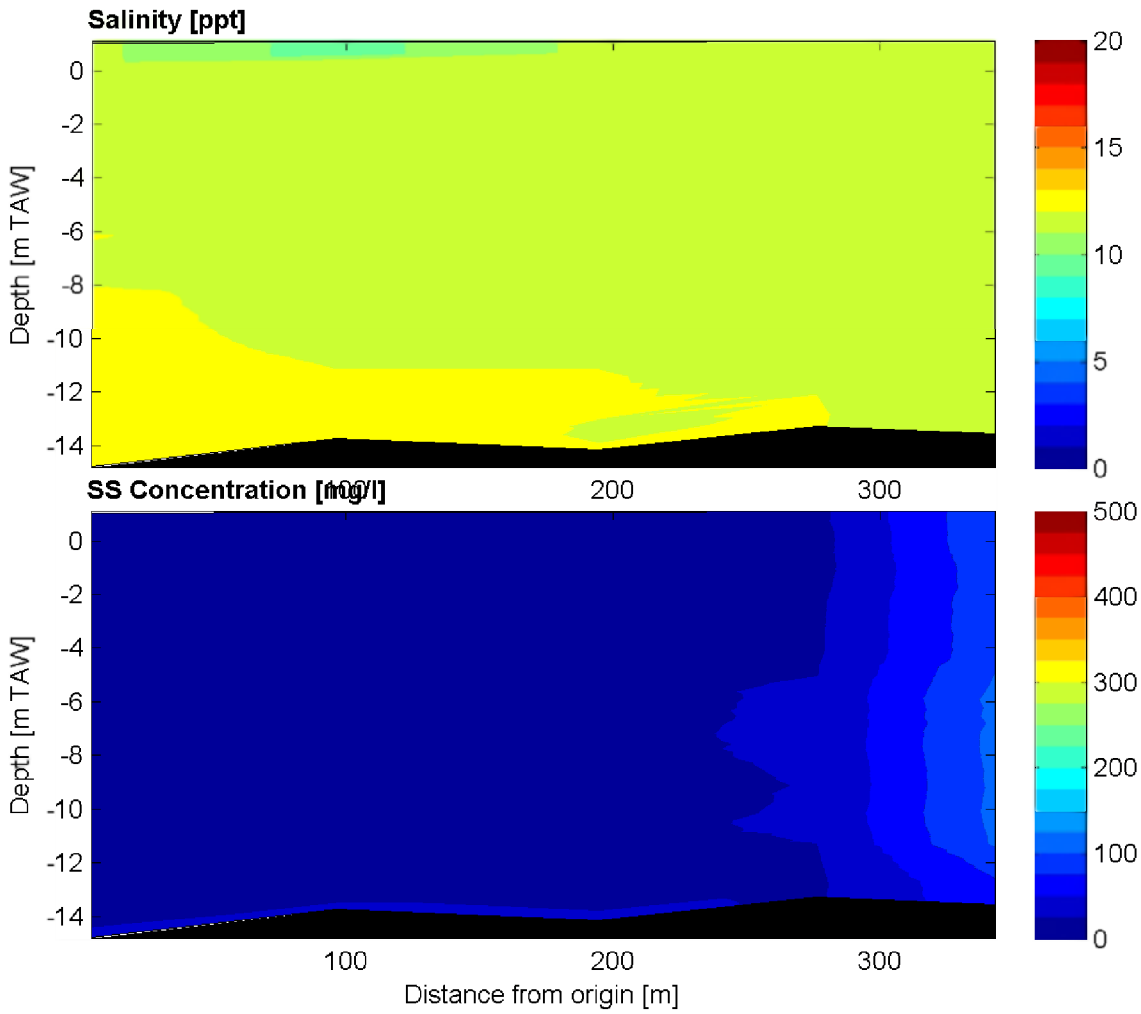
Data Processed by: IMDC

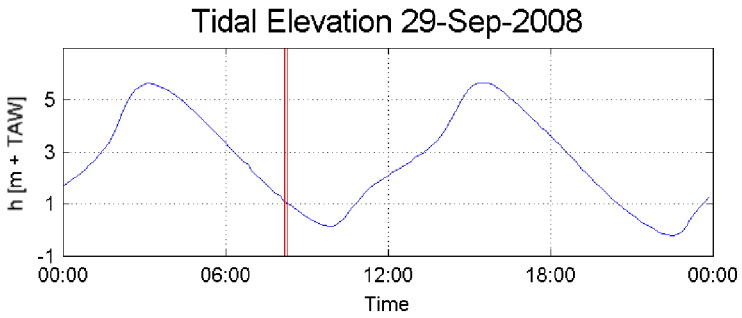
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8094za.sil - 8090ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

08:17 - 08:10

Time after HW [HH:MM]

5:03

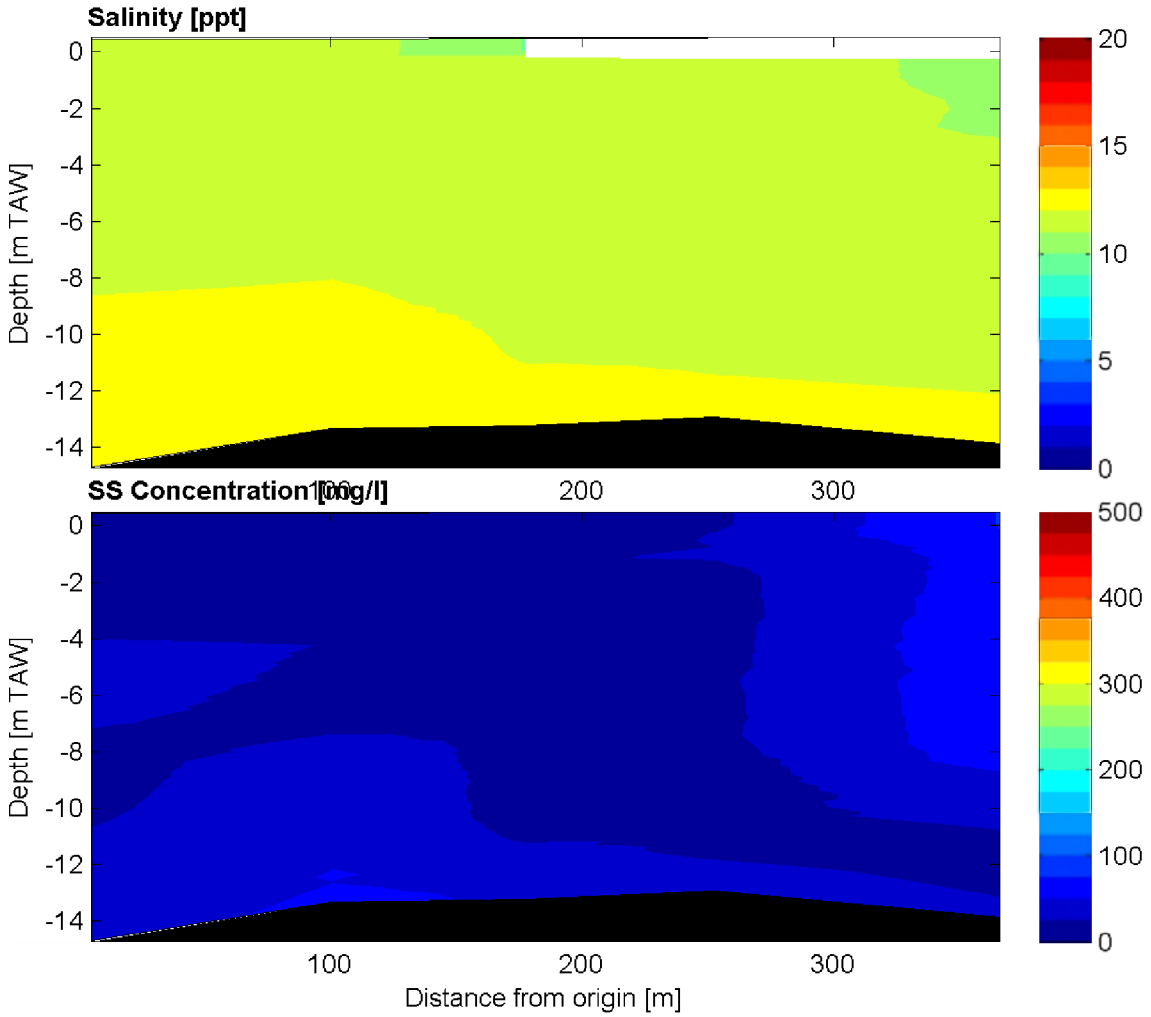
Data Processed by: IMDC

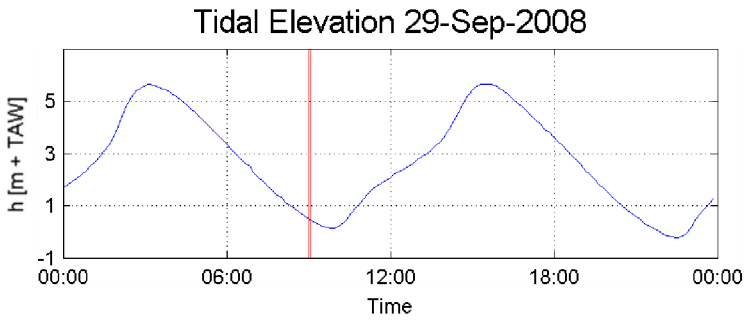
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8114za.sil - 8110ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

09:05 - 09:00

Time after HW [HH:MM]

5:52

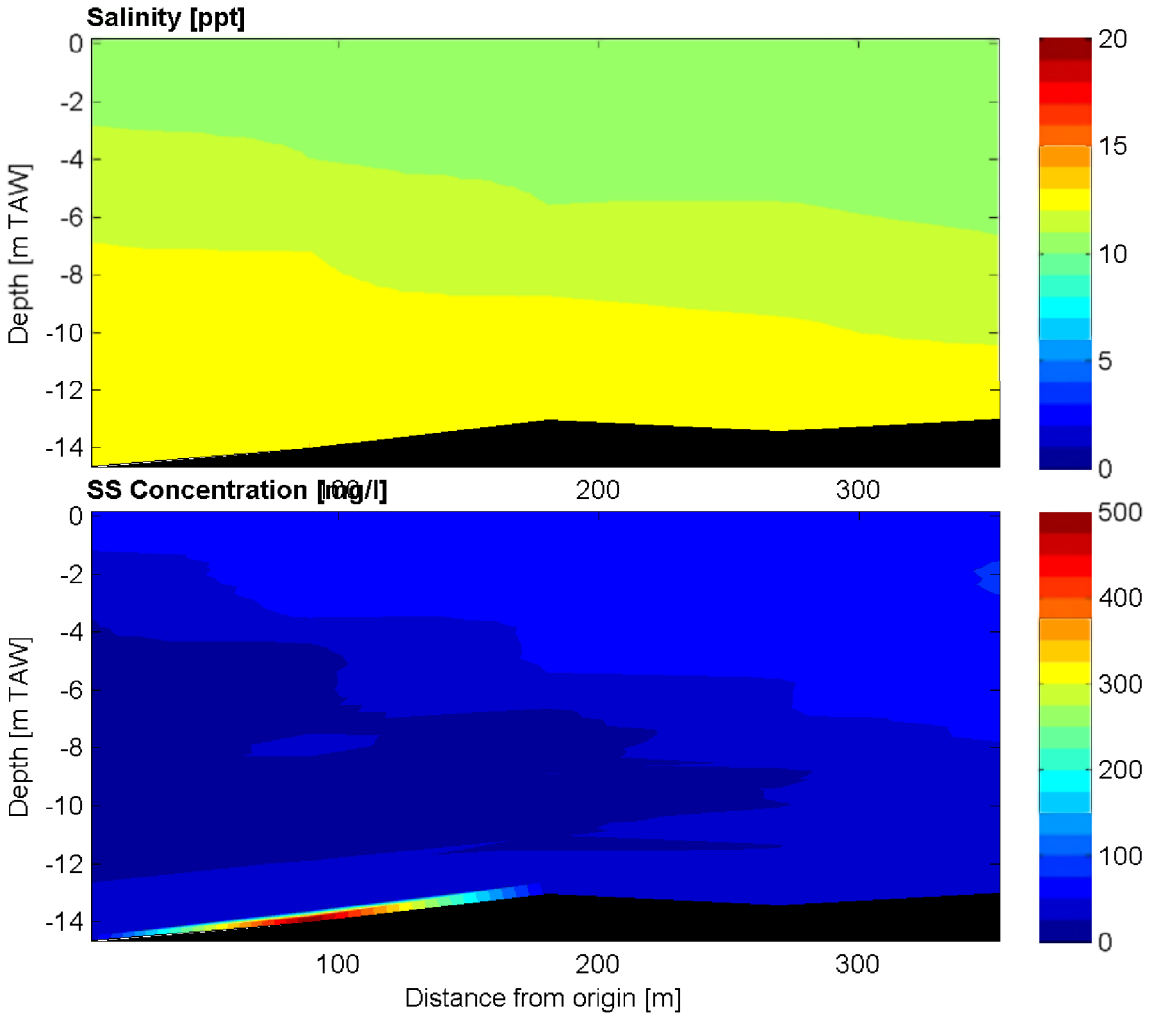
Data Processed by: IMDC

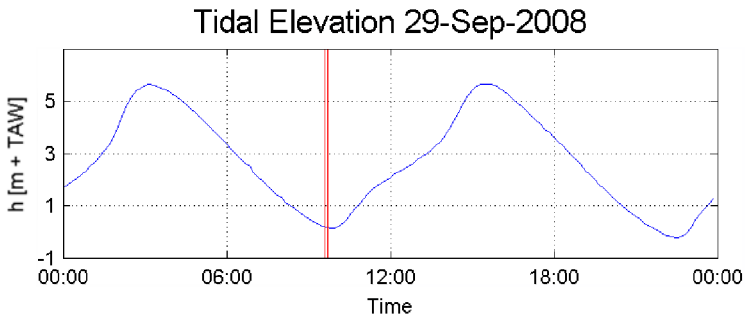
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8129za.sil - 8125ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

09:42 - 09:35

Time after HW [HH:MM]

6:29

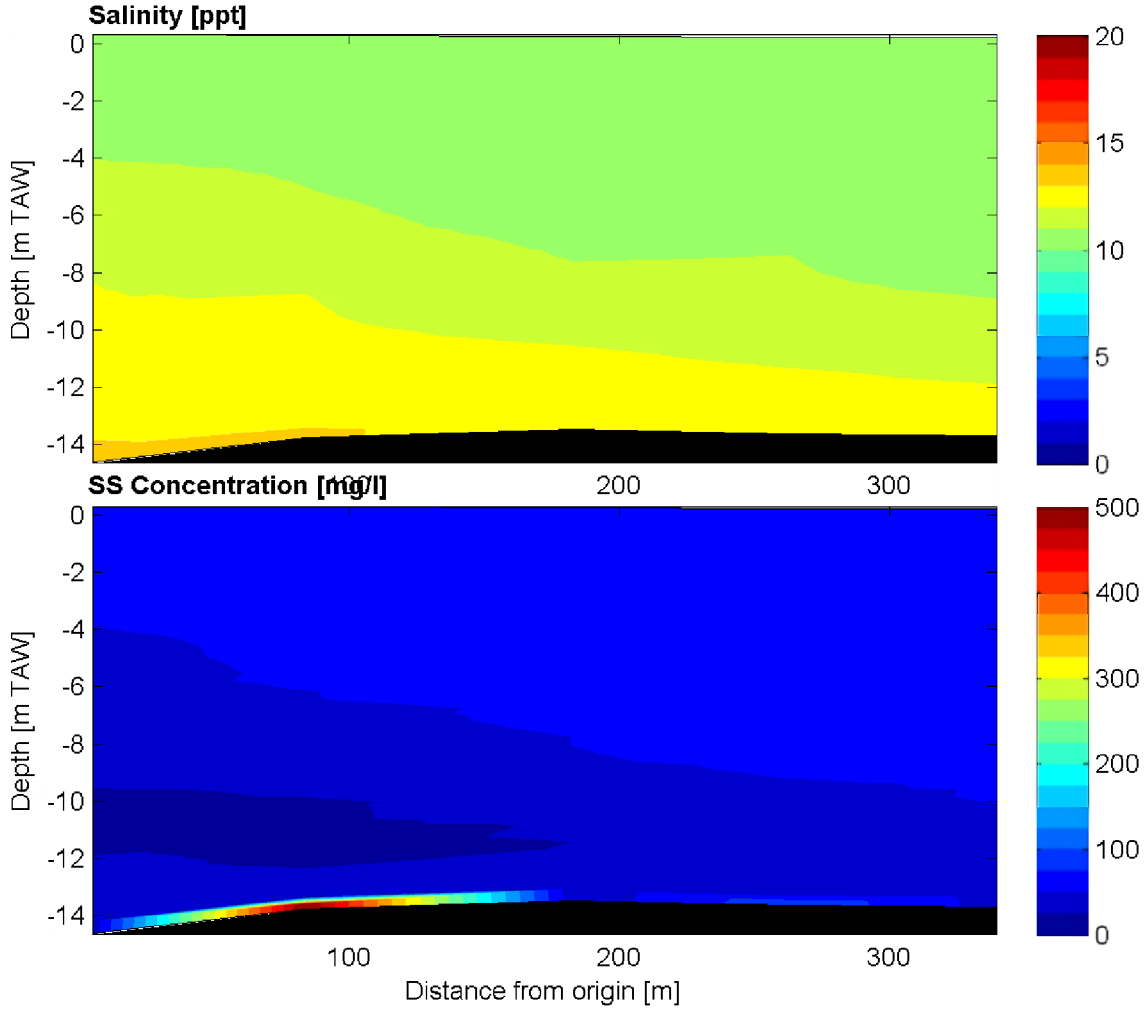
Data Processed by: IMDC

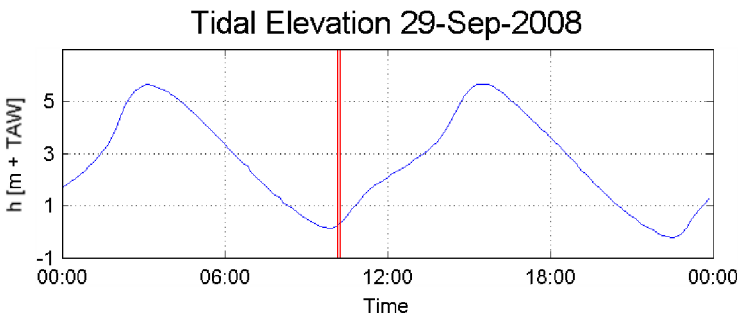
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8144za.sil - 8140ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

10:15 - 10:09

Time after HW [HH:MM]

-5:17

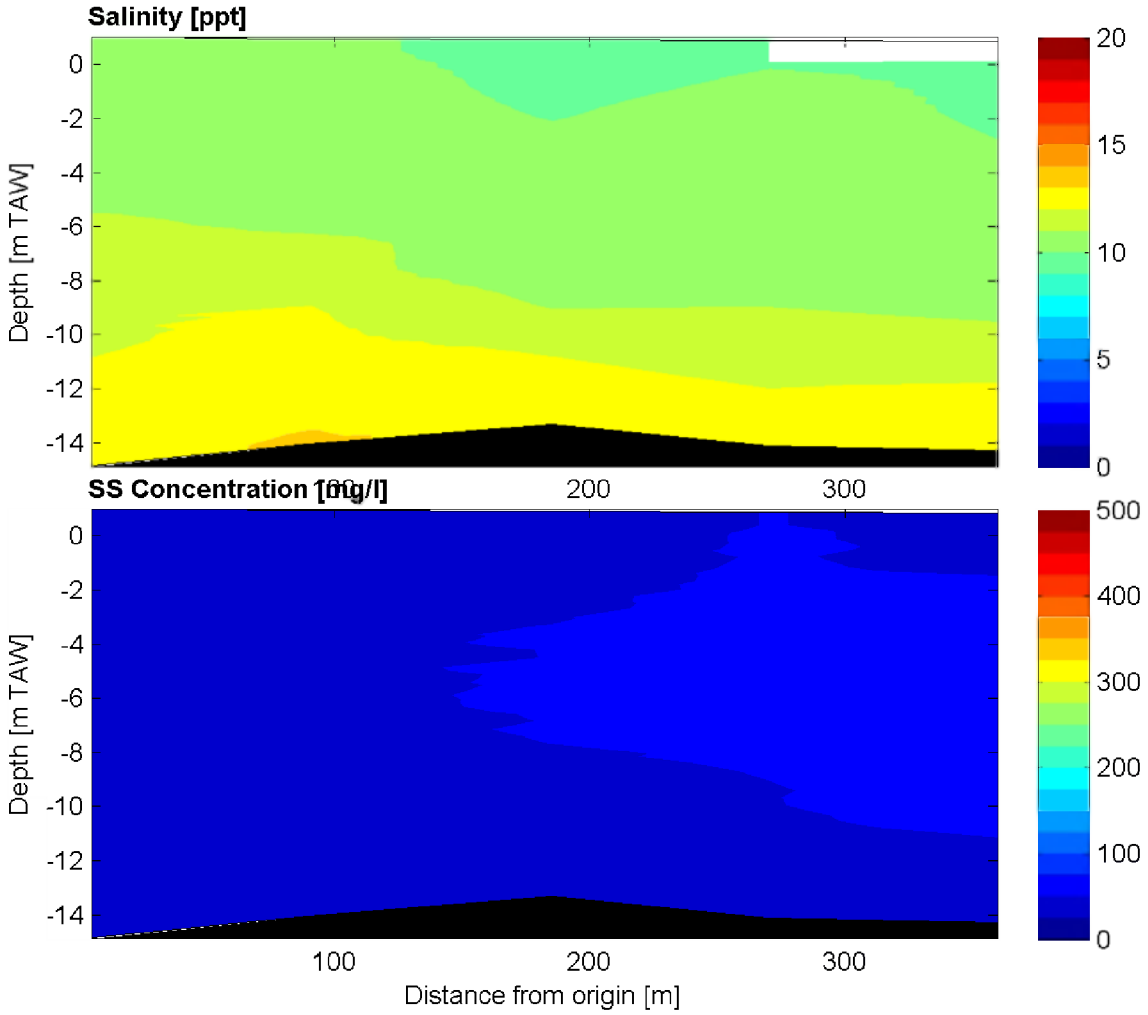
Data Processed by: IMDC

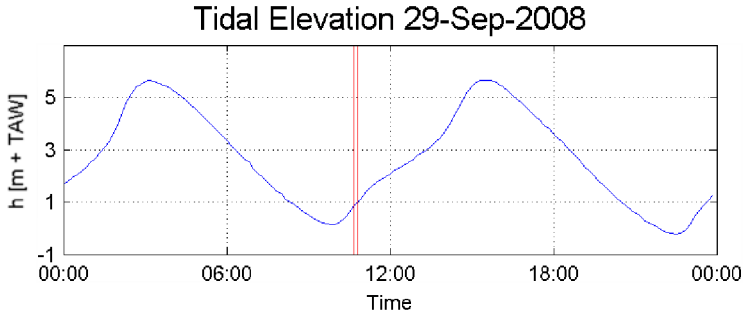
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8159za.sil - 8155ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

10:47 - 10:40

Time after HW [HH:MM]

-4:45

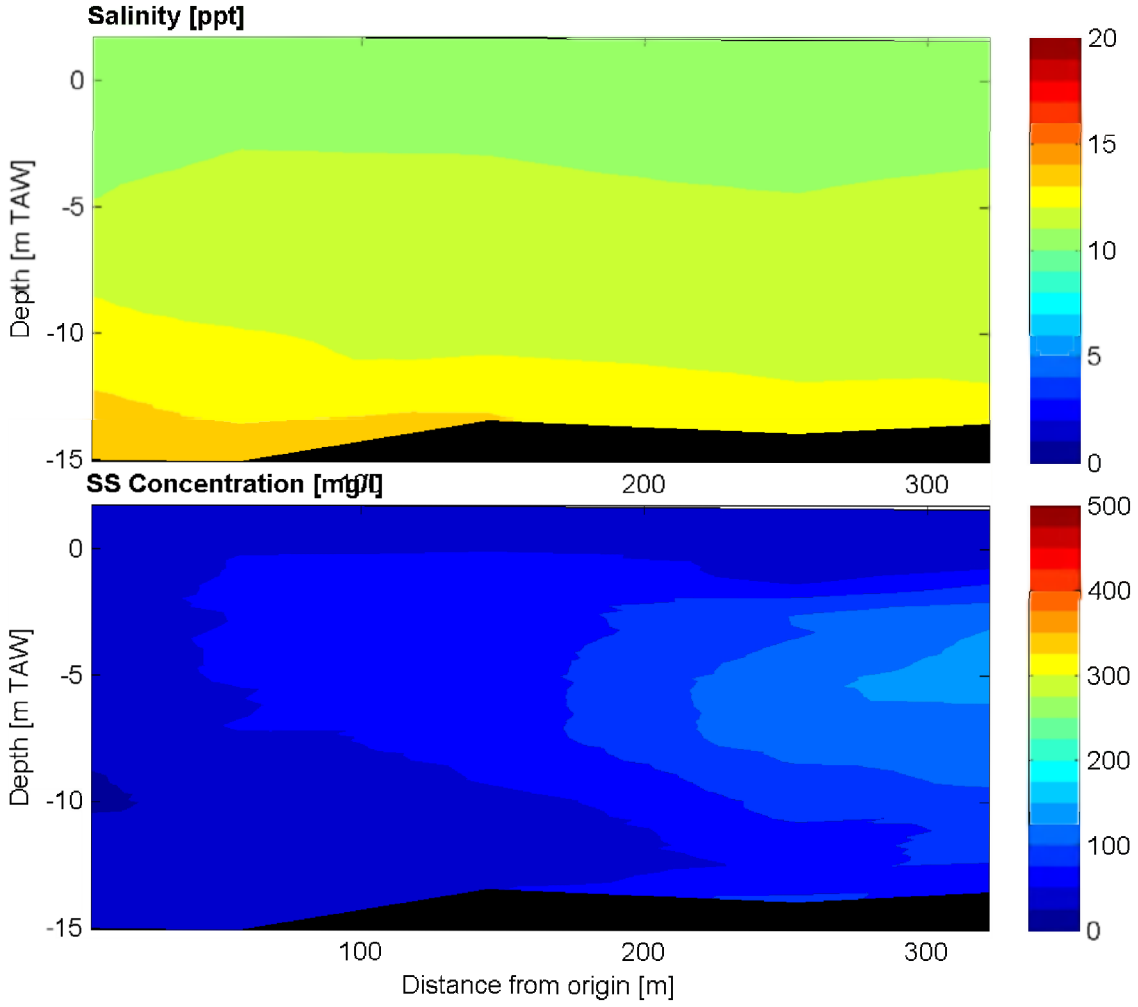
Data Processed by: IMDC

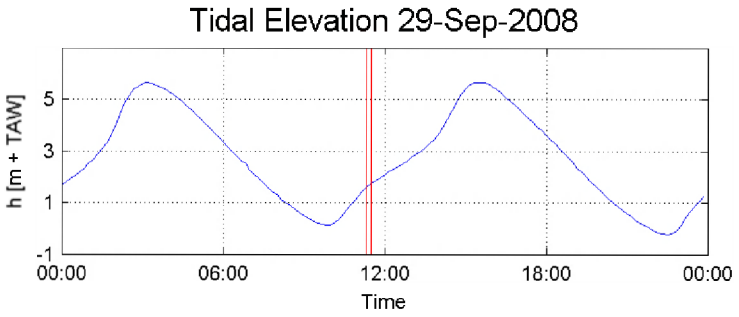
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8174za.sil - 8170ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:29 - 11:19

Time after HW [HH:MM]

-4:05

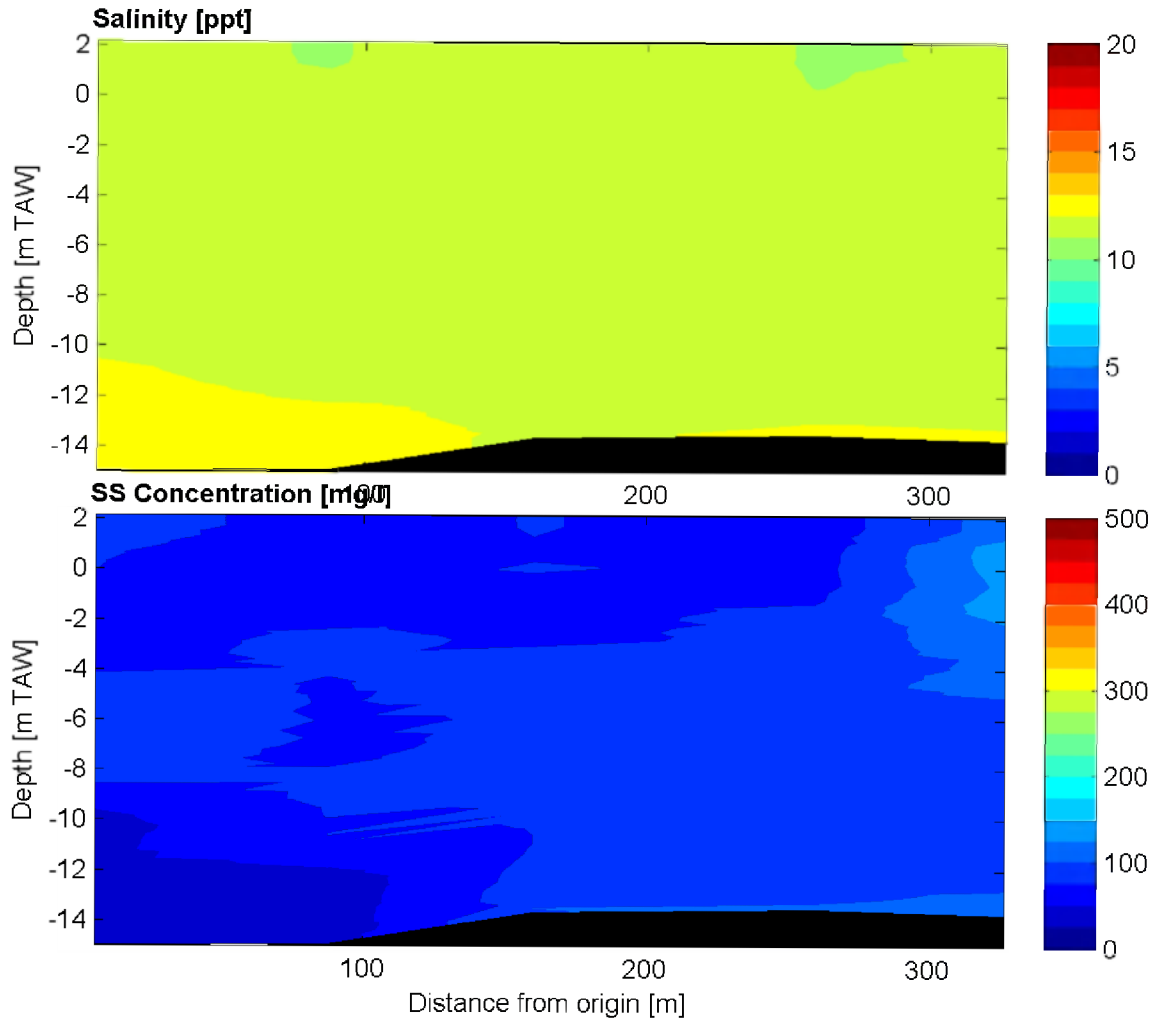
Data Processed by: IMDC

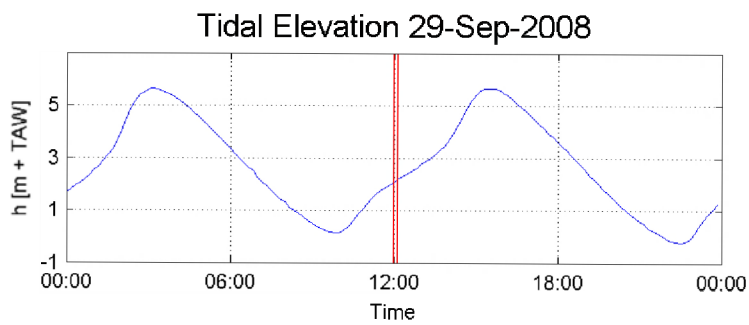
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8189za.sil - 8185ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

12:07 - 11:59

Time after HW [HH:MM]

-3:26

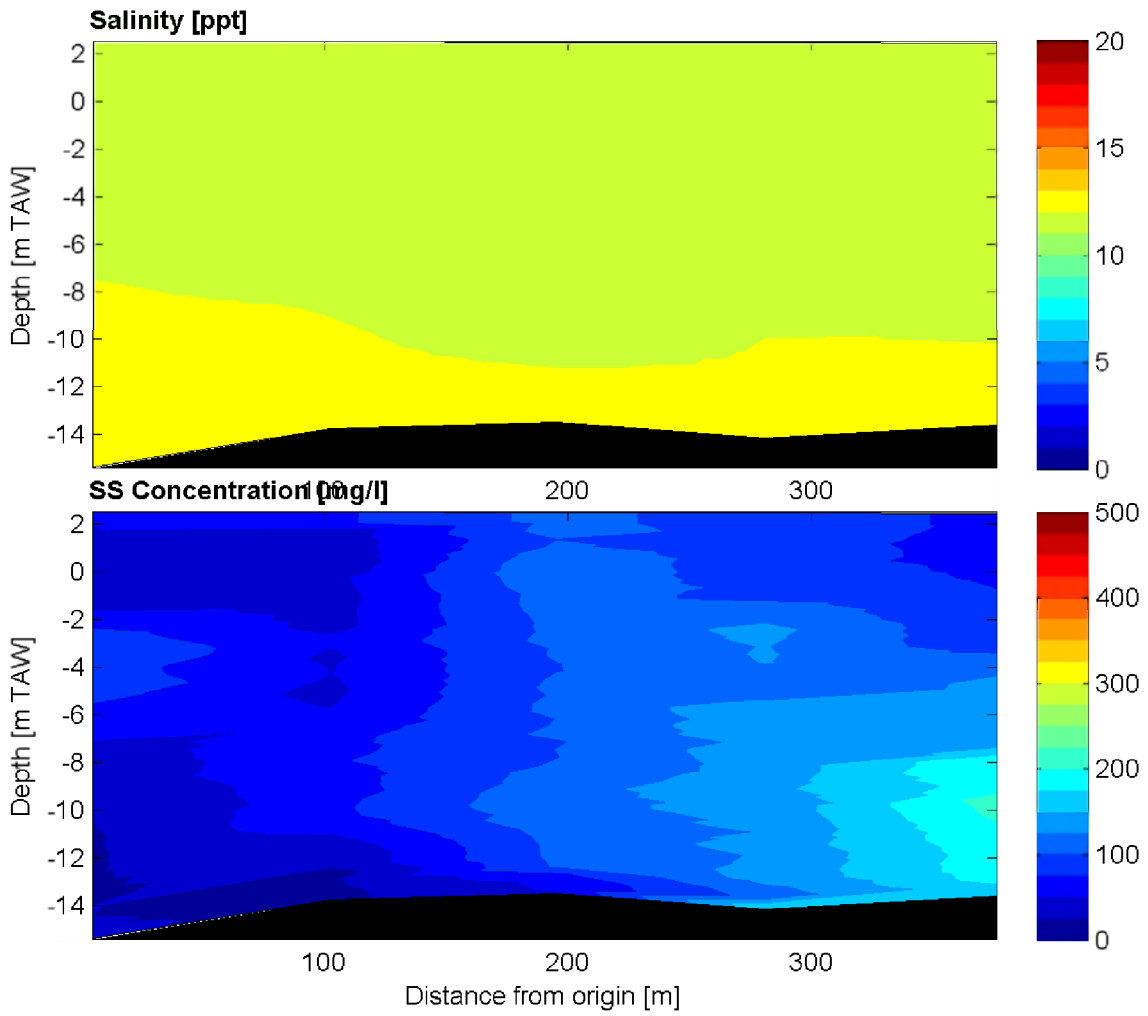
Data Processed by: IMDC

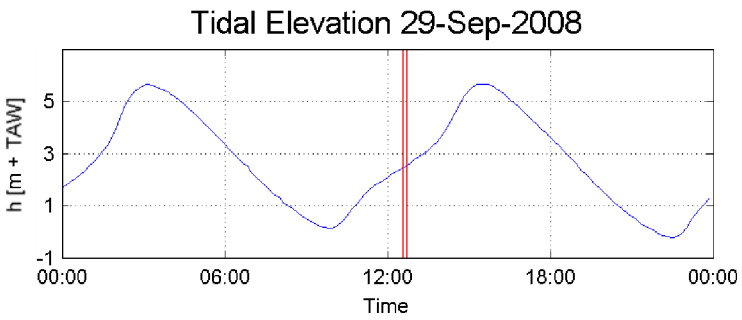
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8204za.sil - 8200ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

12:42 - 12:34

Time after HW [HH:MM]

-2:51

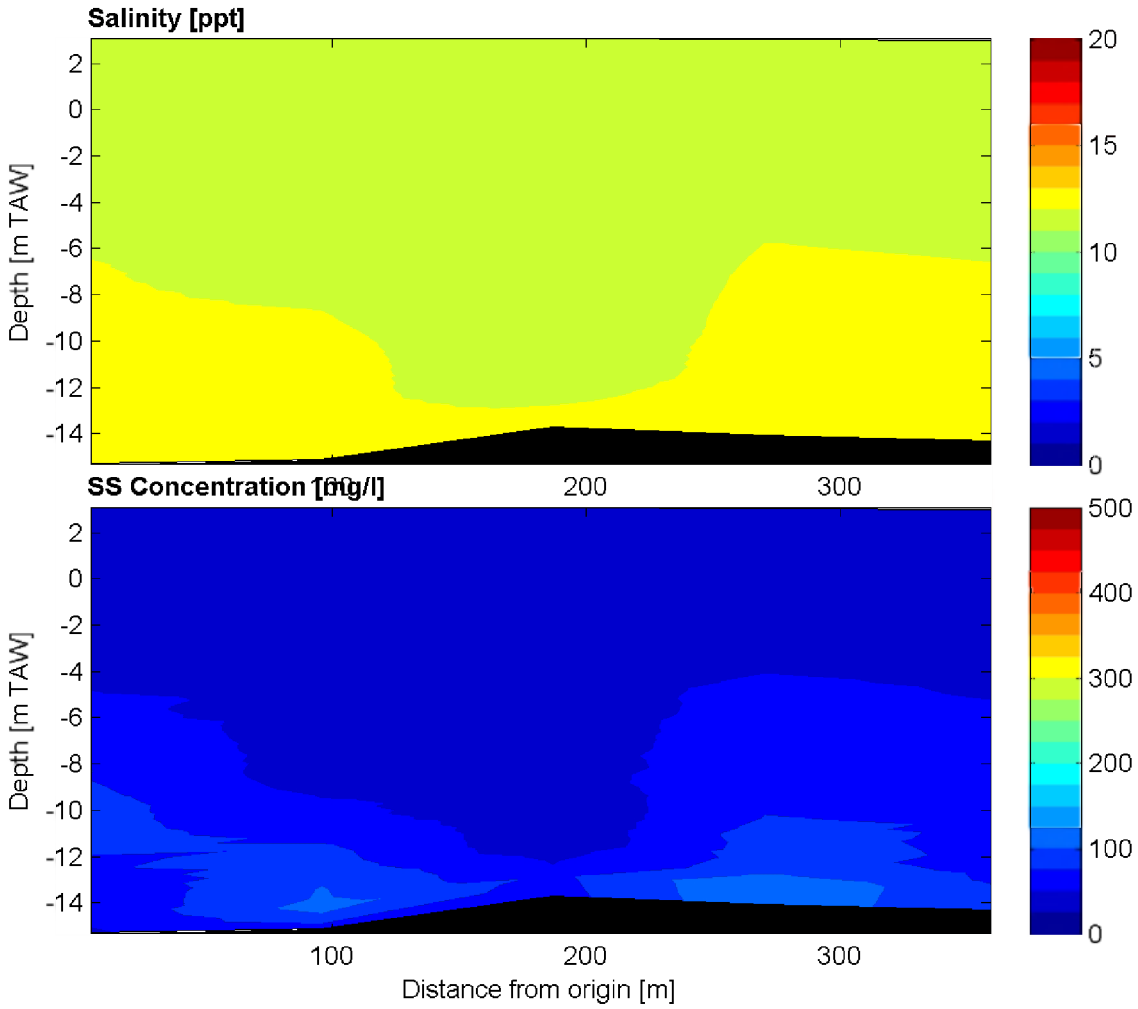
Data Processed by: IMDC

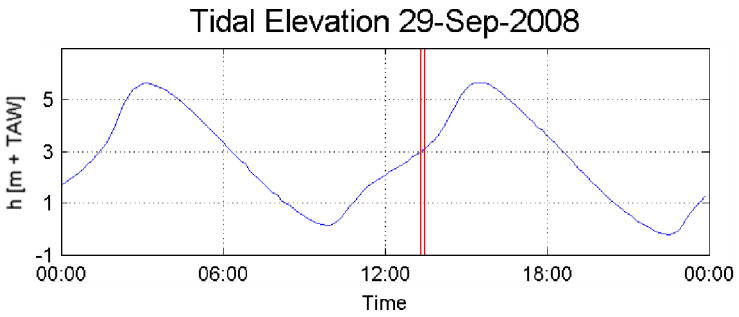
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8224za.sil - 8220ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:27 - 13:19

Time after HW [HH:MM]

-2:06

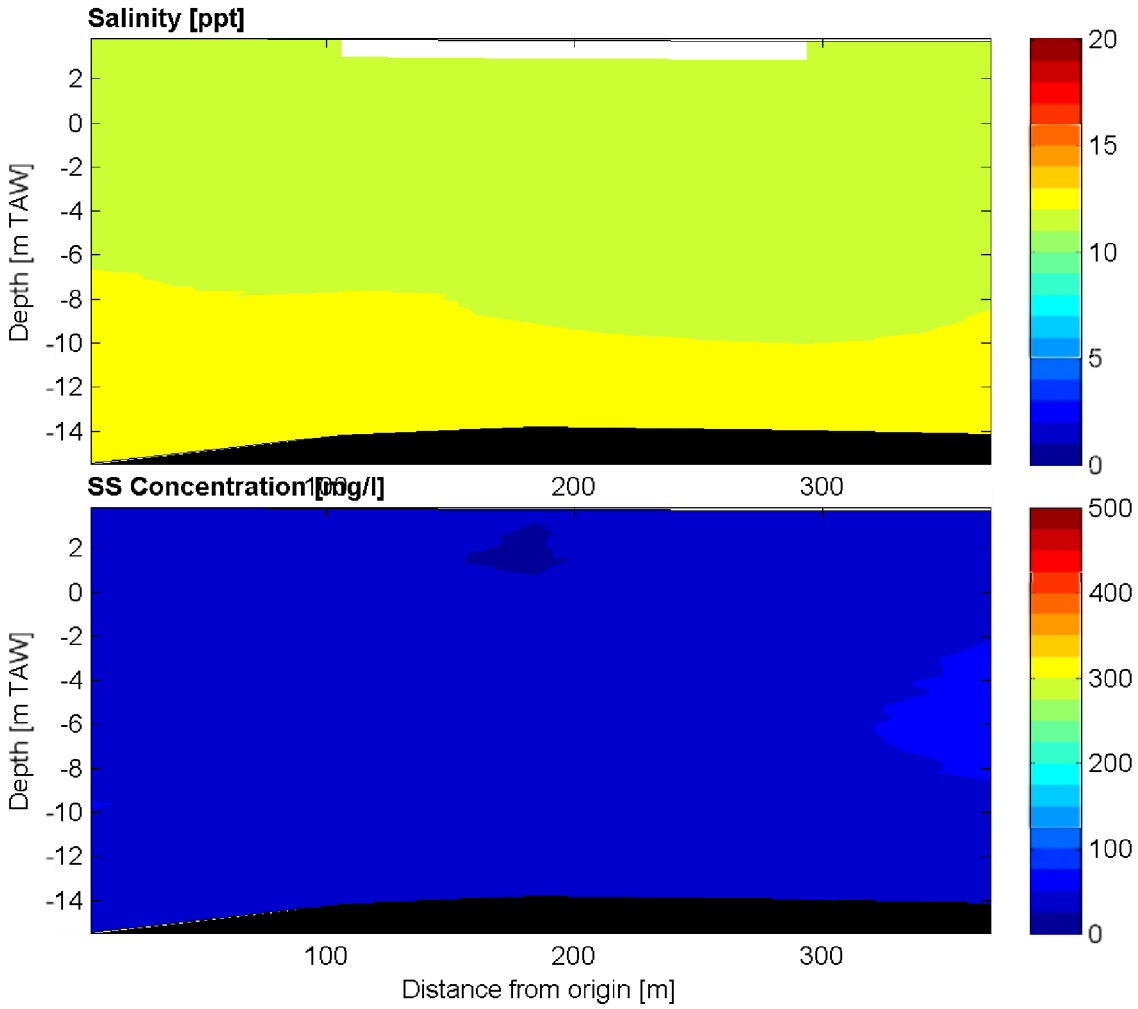
Data Processed by: IMDC

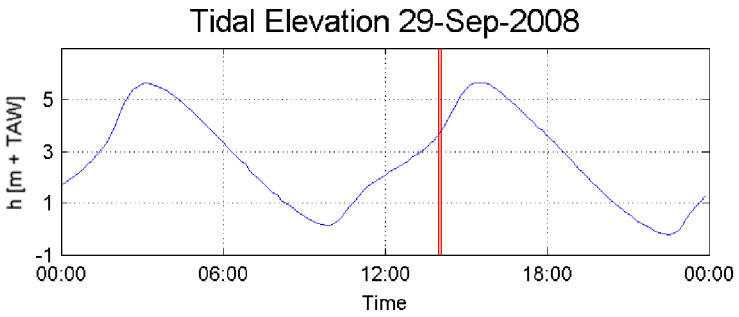
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8239za.sil - 8235ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

14:06 - 13:58

Time after HW [HH:MM]

-1:27

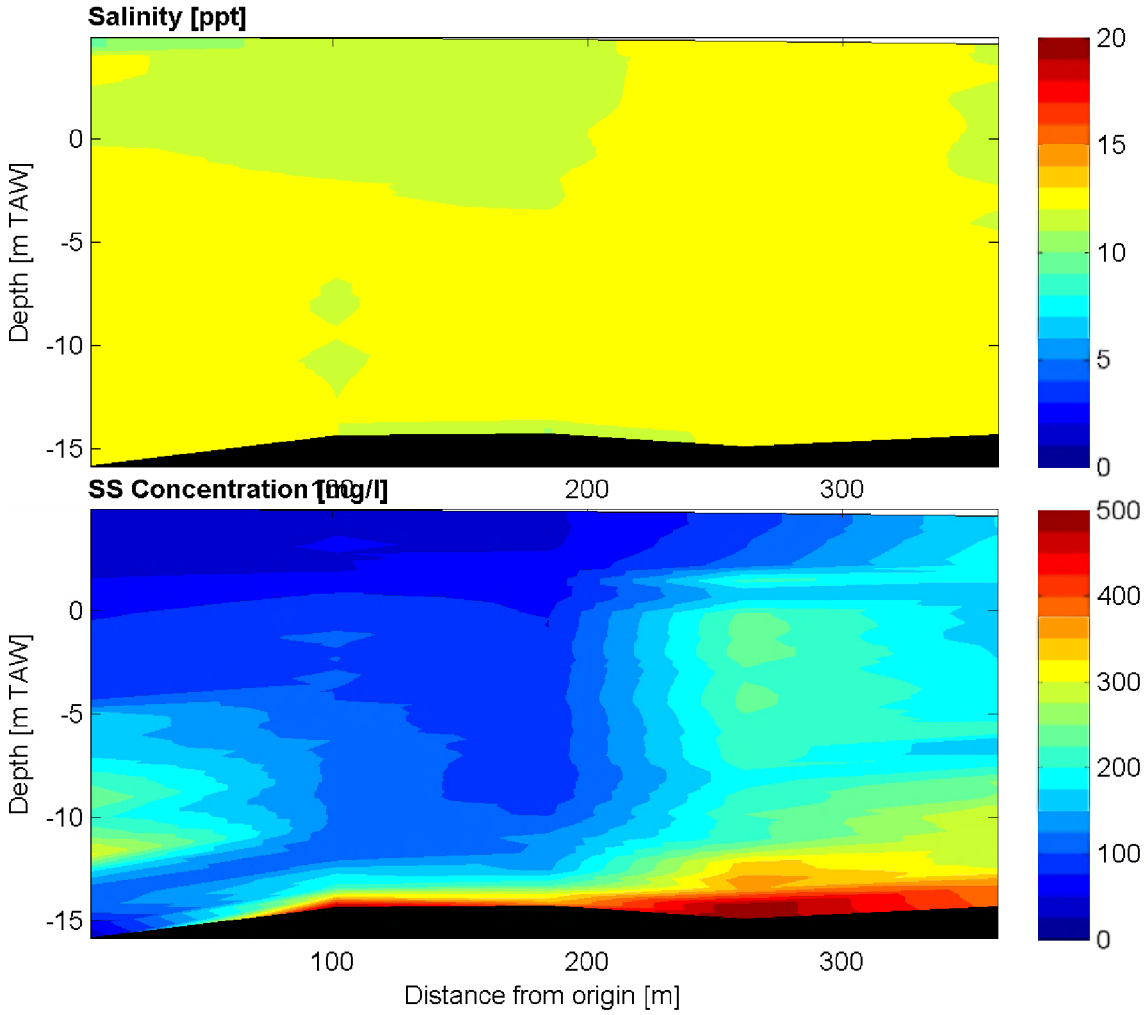
Data Processed by: IMDC

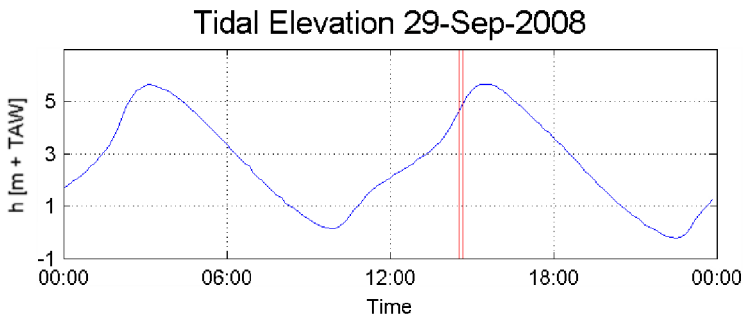
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8254za.sil - 8250ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

14:41 - 14:31

Time after HW [HH:MM]

-0:53

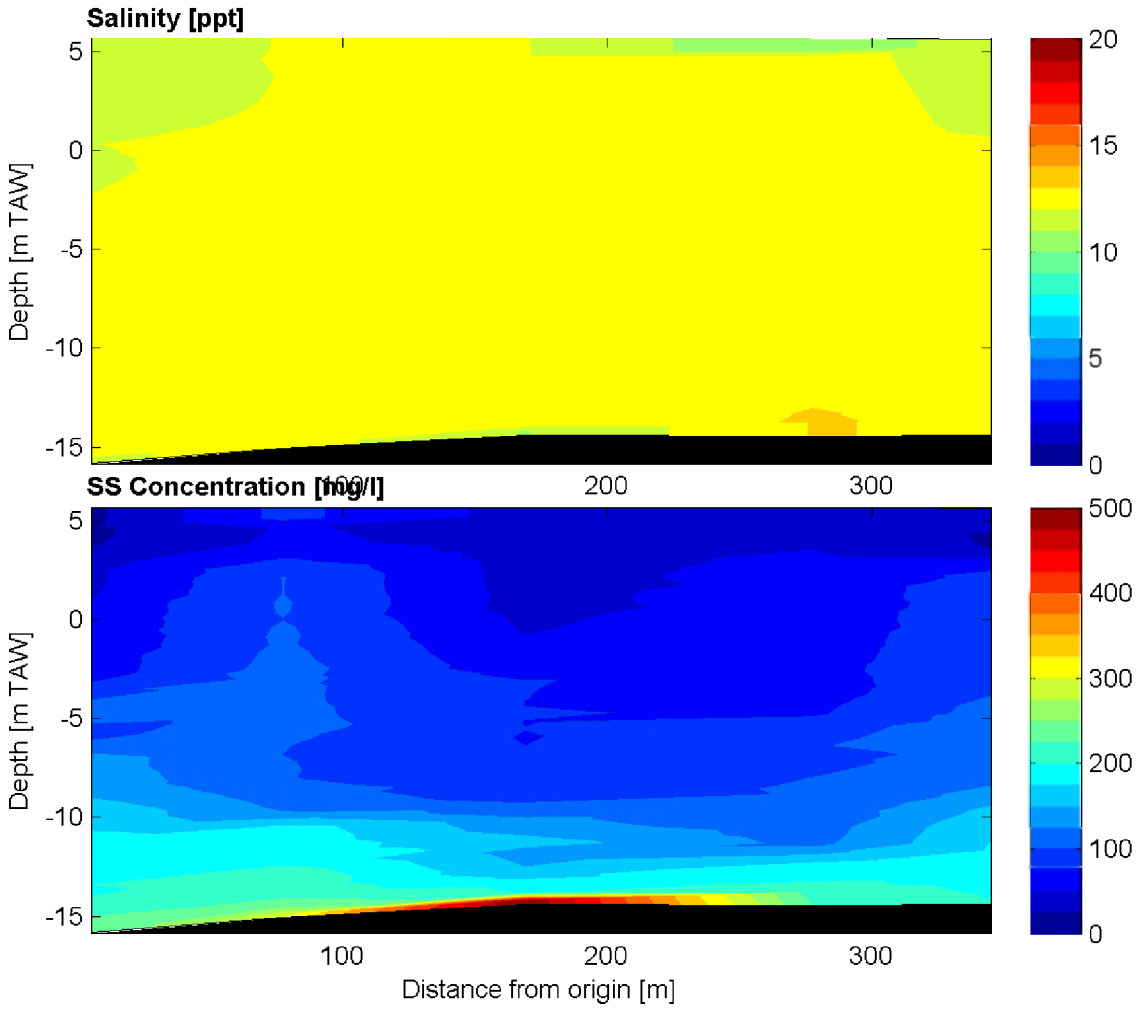
Data Processed by: IMDC

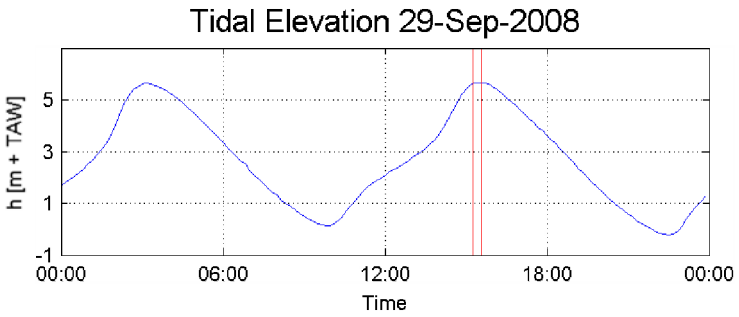
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8269za.sil - 8265ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

15:34 - 15:15

Time after HW [HH:MM]

-0:04

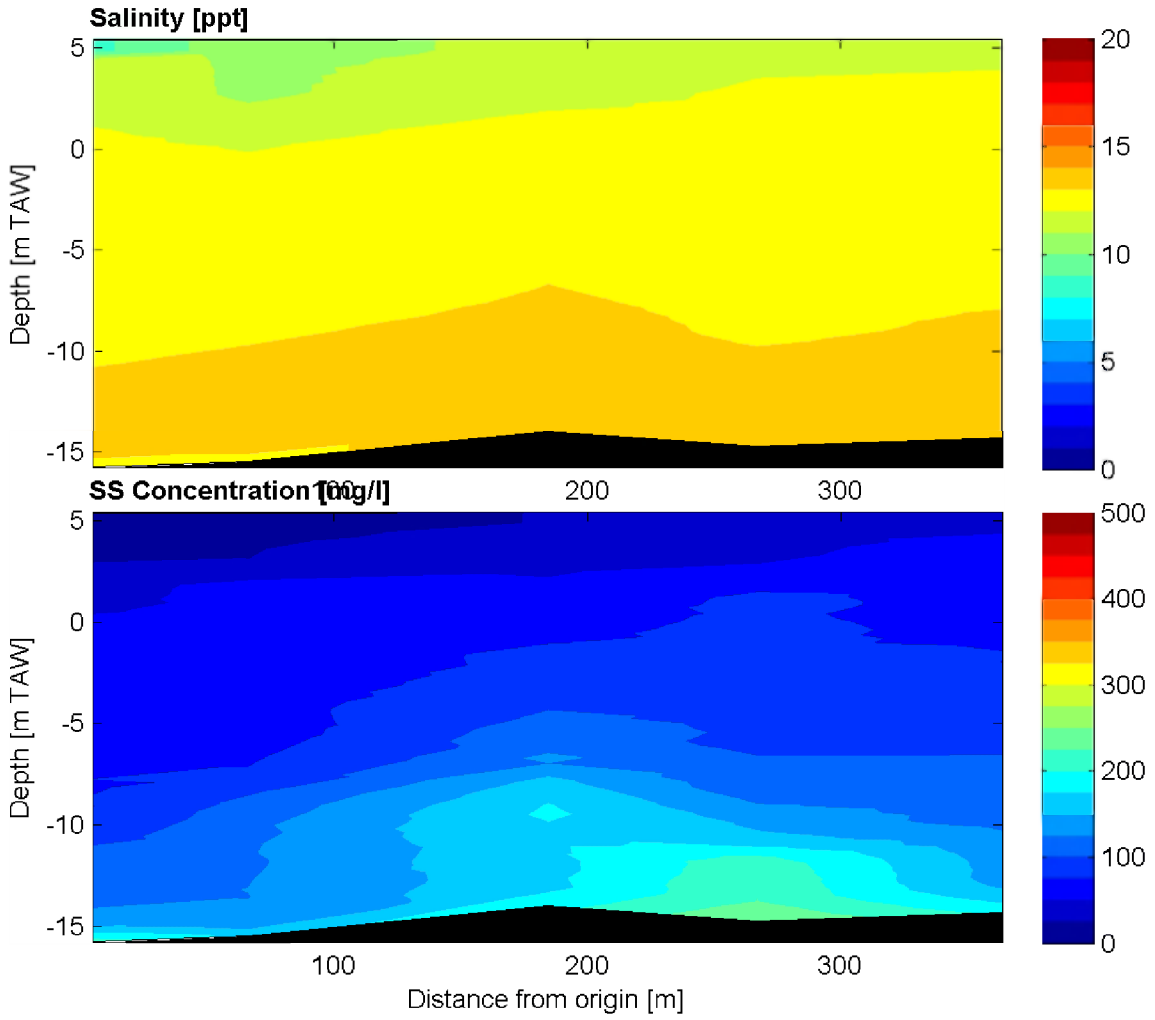
Data Processed by: IMDC

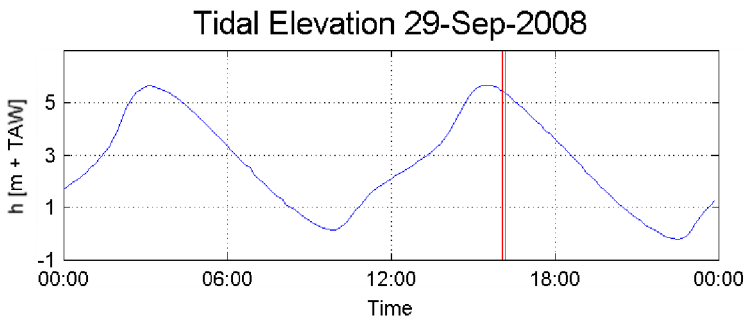
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8284za.sil - 8280ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:12 - 16:04

Time after HW [HH:MM]

0:38

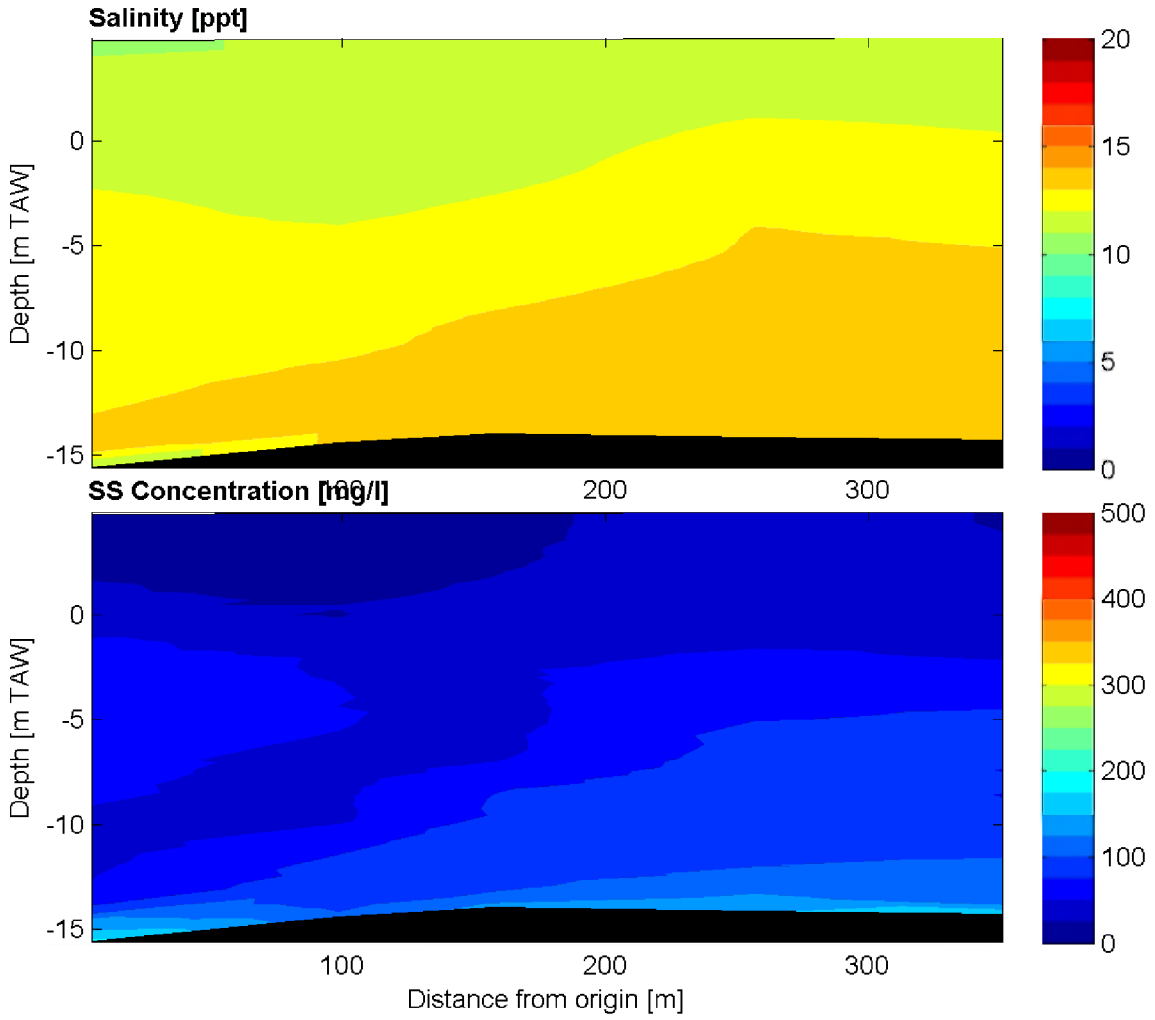
Data Processed by: IMDC

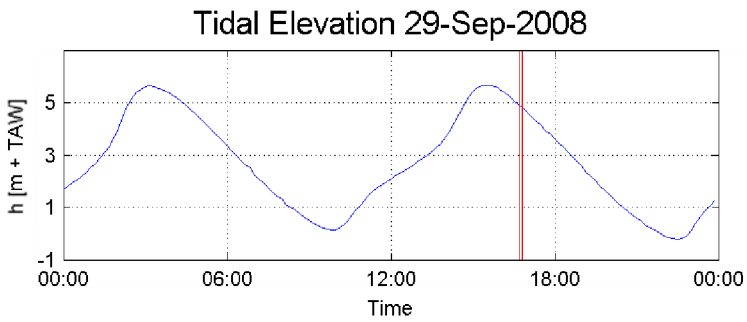
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8299za.sil - 8295ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:49 - 16:42

Time after HW [HH:MM]

1:15

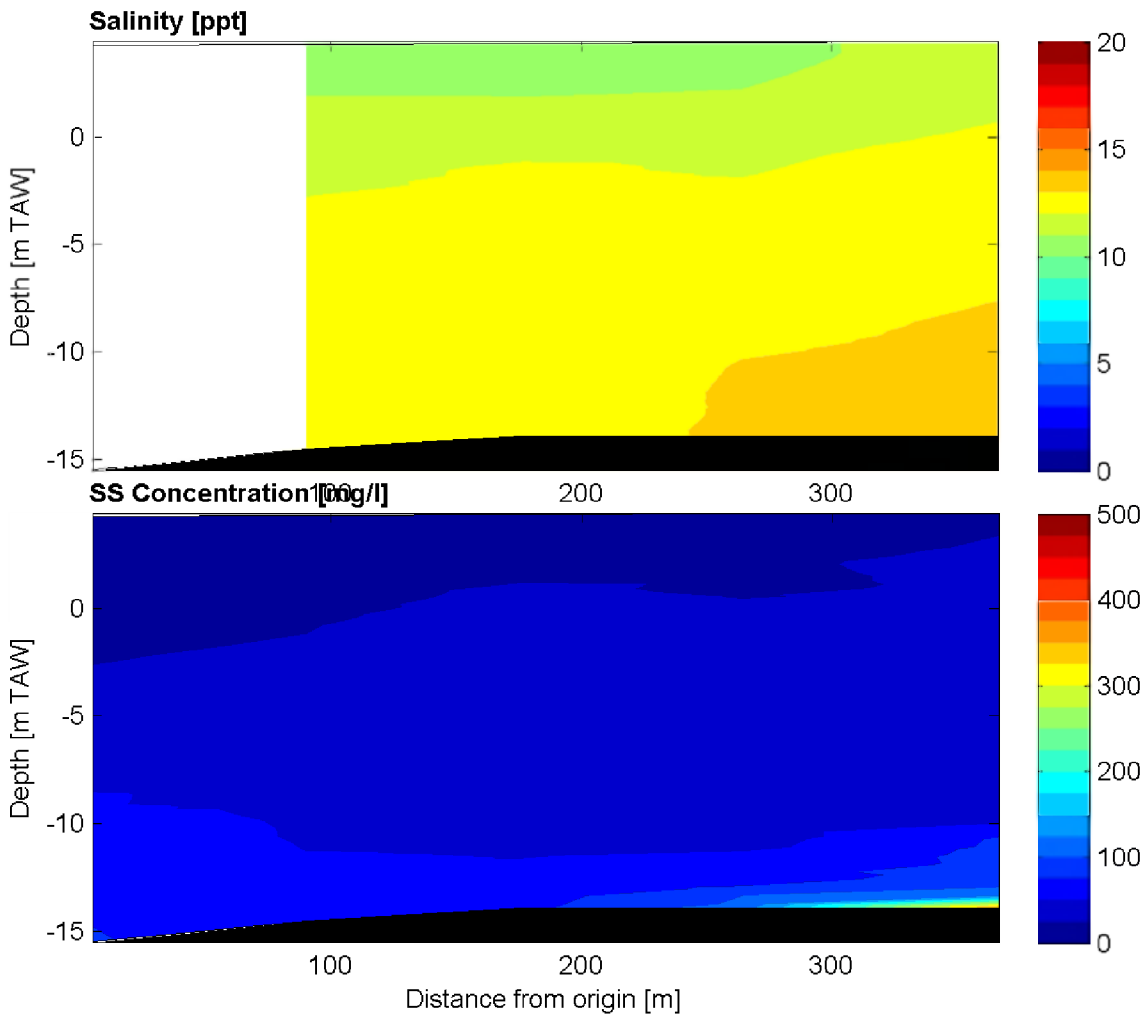
Data Processed by: IMDC

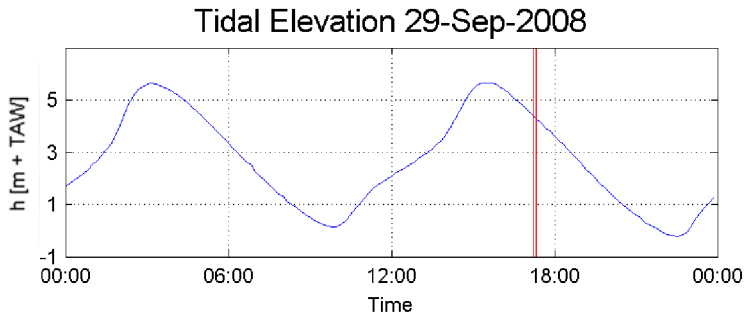
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8314za.sil - 8310ze.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:20 - 17:12

Time after HW [HH:MM]

1:46

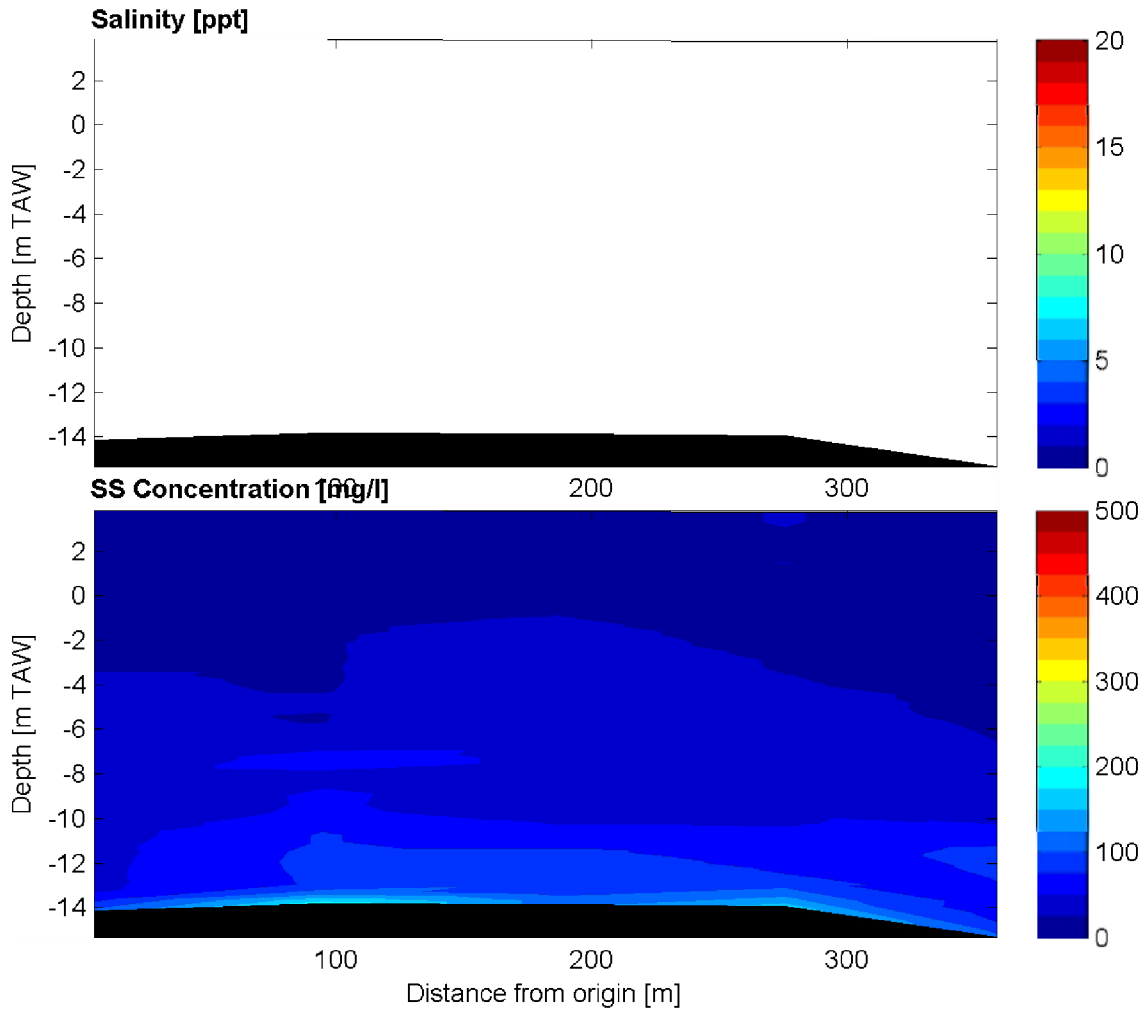
Data Processed by: IMDC

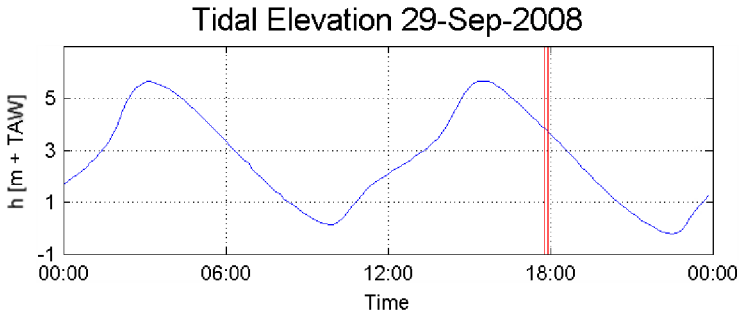
In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283	Equipment(s): SiltProfiler
Sourcefile: 8325ze.sil - 8329za.sil	Location: Deurganckdok





Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:46 - 17:54

Time after HW [HH:MM]

2:20

Data Processed by: IMDC

In association with : WL | delft hydraulics

I/RA/11283/08.090/MSA

APPENDIX J.

OVERVIEW OF HCBS2 AND OPVOLGING AANSLIBBING DEURGANCKDOK REPORTS

Report	Description of HCBS2
Ambient Conditions Lower Sea Scheldt	
5.3	Overview of ambient conditions in the river Scheldt – January-June 2006 (I/RA/11291/06.088/MSA)
5.4	Overview of ambient conditions in the river Scheldt – July-December 2006 (I/RA/11291/06.089/MSA)
~~5.5~~	~~Overview of ambient conditions in the river Scheldt : RCM-9 buoy 84 & 97 (1/1/2007 -31/3/2007) (I/RA/11291/06.090/MSA)~~[1]
5.6	Analysis of ambient conditions 21/09/05 - 31/3/2007 (I/RA/11291/06.091/MSA)
Calibration	
6.1	Winter Calibration (I/RA/11291/06.092/MSA)
6.2	Summer Calibration and Final Report (I/RA/11291/06.093/MSA)
Through tide Measurements Winter 2006	
7.1	21/3 Scheldewacht – Deurganckdok – Salinity Distribution (I/RA/11291/06.094/MSA)
7.2	22/3 Parel 2 – Deurganckdok (I/RA/11291/06.095/MSA)
7.3	22/3 Laure Marie – Liefkenshoek (I/RA/11291/06.096/MSA)
7.4	23/3 Parel 2 – Schelle (I/RA/11291/06.097/MSA)
7.5	23/3 Laure Marie – Deurganckdok (I/RA/11291/06.098/MSA)
7.6	23/3 Veremans Waarde (I/RA/11291/06.099/MSA)
HCBS Near bed continuous monitoring (Frames)	
8.1	Near bed continuous monitoring winter 2006 (I/RA/11291/06.100/MSA)
INSSEV	
9	Settling Velocity - INSSEV summer 2006 (I/RA/11291/06.102/MSA)
Cohesive Sediment	
10	Cohesive sediment properties summer 2006 (I/RA/11291/06.103/MSA)
Through tide Measurements Summer 2006	
11.1	Through Tide Measurement Sediview and Siltprofiler 27/9 Stream - Liefkenshoek (I/RA/11291/06.104/MSA)
11.2	Through Tide Measurement Sediview 27/9 Veremans - Raai K (I/RA/11291/06.105/MSA)
11.3	Through Tide Measurement Sediview and Siltprofiler 28/9 Stream - Raai K (I/RA/11291/06.106/MSA)
11.4	Through Tide Measurement Sediview 28/9 Veremans – Waarde (I/RA/11291/06.107/MSA)
11.5	Through Tide Measurements Sediview 28/9 Parel 2 - Schelle (I/RA/11291/06.108/MSA)

[1] The data, foreseen for Report 5.5 is reported in report 3.1. Boundary conditions: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.127/MSA) including HCBS 2 report 5.5 (Deurganckdok).

Report	Description of HCBS2
Ambient Conditions Lower Sea Scheldt	
11.6	Through Tide measurement Longitudinal Salinity Distribution 26/9 Scheldewacht – Deurganckdok (I/RA/11291/06.161/MSA)
Analysis	
12	Report concerning the presence of HCBS layers in the Scheldt river (I/RA/11291/06.109/MSA)

Report	Description of Opvolging aanslibbing Deurganckdok between April 2006 till March 2007
Sediment Balance: Bathymetry surveys, Density measurements, Maintenance and construction dredging activities	
1.1	Sediment Balance: Three monthly report 1/4/2006 – 30/06/2006 (I/RA/11283/06.113/MSA)
1.2	Sediment Balance: Three monthly report 1/7/2006 – 30/09/2006 (I/RA/11283/06.114/MSA)
1.3	Sediment Balance: Three monthly report 1/10/2006 – 31/12/2006 (I/RA/11283/06.115/MSA)
1.4	Sediment Balance: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.116/MSA)
1.5	Annual Sediment Balance (I/RA/11283/06.117/MSA)
1.6	Sediment balance Bathymetry: 2005 – 3/2006 (I/RA/11283/06.118/MSA)
Factors contributing to salt and sediment distribution in Deurganckdok: Salt-Silt (OBS3A) & Frame measurements, Through tide measurements (SiltProfiling & ADCP)	
2.1	Through tide measurement Siltprofiler 21/03/2006 Laure Marie (I/RA/11283/06.087/WGO)
2.2	Through tide measurement Siltprofiler 26/09/2006 Stream (I/RA/11283/06.068/MSA)
2.3	Through tide measurement Sediview spring tide 22/03/2006 Veremans (I/RA/11283/06.110/BDC)
2.4	Through tide measurement Sediview spring tide 27/09/2006 Parel 2 (I/RA/11283/06.119/MSA)
2.5	Through tide measurement Sediview average tide 24/10/2007 Parel 2 (I/RA/11283/06.120/MSA)
2.6	Salt-Silt distribution & Frame Measurements Deurganckdok 13/3/2006 – 31/05/2006 (I/RA/11283/06.121/MSA)
2.7	Salt-Silt distribution & Frame Measurements Deurganckdok 15/07/2006 – 31/10/2006 (I/RA/11283/06.122/MSA)
2.8	Salt-Silt distribution & Frame Measurements Deurganckdok 12/02/2007 – 18/04/2007 (I/RA/11283/06.123/MSA)
2.9	Calibration stationary equipment autumn (I/RA/11283/07.095/MSA)

Report	Description of Opvolging aanslibbing Deurganckdok between April 2006 till March 2007
Boundary Conditions: Upriver Discharge, Salt concentration Scheldt, Bathymetric evolution in access channels, dredging activities in Lower Sea Scheldt and access channels	
3.1	Boundary conditions: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.127/MSA) including HCBS 2 report 5.5
~~3.2~~	~~Boundary condtions: Annual report (I/RA/11283/06.128/MSA)~~[2]
Analysis	
4.1	Analysis of Siltation Processes and Factors (I/RA/11283/06.129/MSA)

Report	Description of Opvolging aanslibbing Deurganckdok between April 2007 till March 2008
Sediment Balance: Bathymetry surveys, Density measurements, Maintenance and construction dredging activities	
1.10	Sediment Balance: Three monthly report 1/4/2007 - 30/06/2007 (I/RA/11283/07.081/MSA)
1.11	Sediment Balance: Three monthly report 1/7/2007 – 30/09/2007 (I/RA/11283/07.082/MSA)
1.12	Sediment Balance: Three monthly report 1/10/2007 – 31/12/2007 (I/RA/11283/07.083/MSA)
1.13	Sediment Balance: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/07.084/MSA)
1.14	Annual Sediment Balance (I/RA/11283/07.085/MSA)
Factors contributing to salt and sediment distribution in Deurganckdok: Salt-Silt (OBS3A) & Frame measurements, Through tide measurements (SiltProfiling & ADCP) & Calibrations	
2.09	Calibration stationary equipment autumn (I/RA/11283/07.095/MSA)
2.10	Through tide measurement Siltprofiler 23 October 2007 (I/RA/11283/07.086/MSA)
2.11	Through tide measurement Salinity Profiling winter (I/RA/11283/07.087/MSA)
2.12	Through tide measurement Sediview winter 11 March 2008 Transect I (I/RA/11283/07.088/MSA)
2.13	Through tide measurement Sediview winter 11 March 2008 Transect K (I/RA/11283/07.089/MSA)
2.14	Through tide measurement Sediview winter 11 March 2008 Transect DGD (I/RA/11283/07.090/MSA)
2.15	Through tide measurement Siltprofiler 12 March 2008 (I/RA/11283/07.091/MSA)
2.16	Salt-Silt distribution Deurganckdok summer (21/6/2007 – 30/07/2007) (I/RA/11283/07.092/MSA)
2.17	Salt-Silt distribution & Frame Measurements Deurganckdok autumn (17/09/2007 - 10/12/2007) (I/RA/11283/07.093/MSA)
2.18	Salt-Silt distribution & Frame Measurements Deurganckdok winter (18/02/2008 - 31/3/2008) (I/RA/11283/07.094/MSA)

[2] considered in report 5.6 'Analysis of ambient conditions during 2006' (I/RA/11291/06.091/MSA) in the framework of the study 'Extension of the study about density currents in the Beneden Zeeschelde'

Report	Description of Opvolging aanslibbing Deurganckdok between April 2007 till March 2008
2.19	Calibration stationary & mobile equipment winter (I/RA/11283/07.096/MSA)
Boundary Conditions: Upriver Discharge, Salt concentration Scheldt, Bathymetric evolution in access channels, dredging activities in Lower Sea Scheldt and access channels	
3.10	Boundary conditions: Three monthly report 1/4/2007 – 30/06/2007 (I/RA/11283/07.097/MSA)
3.11	Boundary conditions: Three monthly report 1/7/2007 – 30/09/2007 (I/RA/11283/07.098/MSA)
3.12	Boundary conditions: Three monthly report 1/10/2007 – 31/12/2007 (I/RA/11283/07.099/MSA)
3.13	Boundary conditions: Three monthly report 1/1/2008 – 31/03/2008 (I/RA/11283/07.100/MSA)
3.14	Boundary conditions: Annual report (I/RA/11283/07.101/MSA)
Analysis	
4.10	Analysis of Siltation Processes and Factors (I/RA/11283/07.102/MSA)