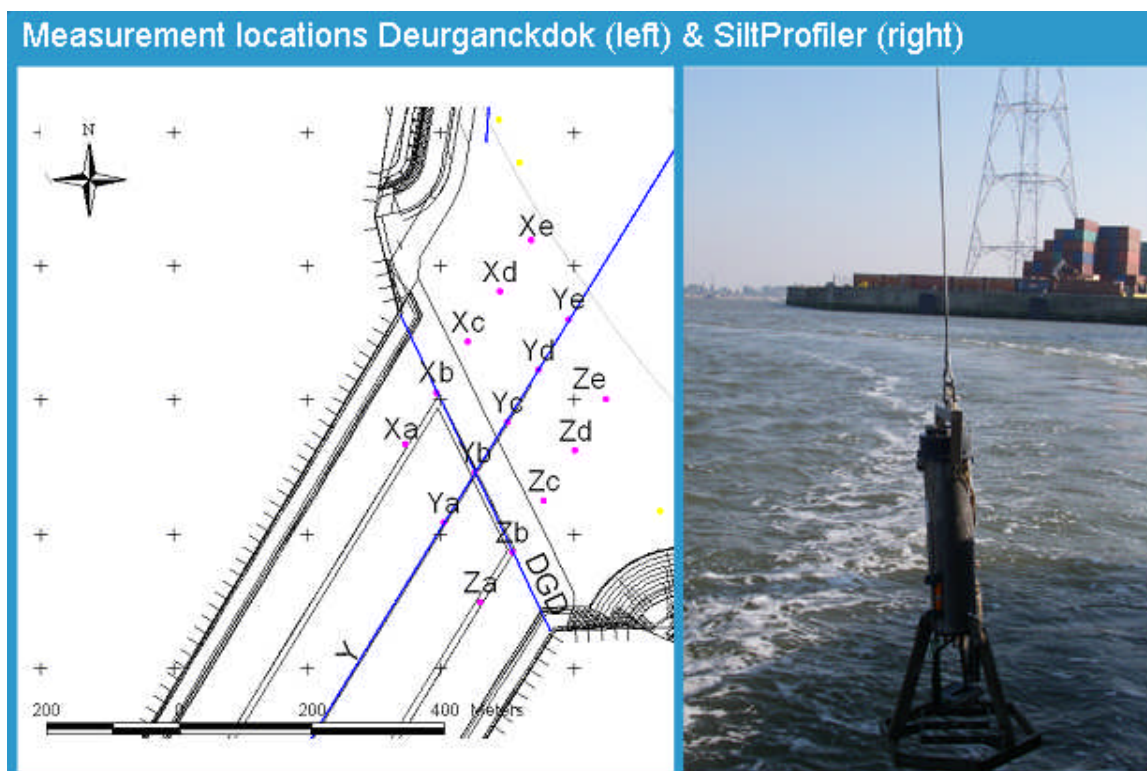


Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing

Bestek 16EB/05/04



Deelrapport 2.10 : 13u-meting SiltProfiler 23 oktober 2007
Ingang Deurganckdok

Report 2.10 : Through Tide Measurement SiltProfiler 23 October 2007
At the entrance Deurganckdok

4 April 2008

I/RA/11283/07.086/MSA



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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. 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.

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 one year, i.e. 04/2007 – 03/2008
- 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 2007 till March 2008 are summarized in Table 1-1. An overview of the HCBS2 and 'Opvolging aanslibbing Deurganckdok' (between April 2006 till March 2007) reports are given in APPENDIX J.

This report, report 2.10, 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 2007 till March 2008

Report	Description
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 (I/RA/11283/07.088/MSA)
2.13	Through tide measurement Sediview winter (I/RA/11283/07.089/MSA)
2.14	Through tide measurement Sediview winter (I/RA/11283/07.090/MSA)
2.15	Through tide measurement Siltprofiler (to be scheduled) (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)
2.19	Calibration stationary & mobile equipment winter (I/RA/11283/07.096/MSA)

Report	Description
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)

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 2008c).

1.4. Structure of the report

This report is the factual data report of the through tide measurements at Deurganckdok on the 23rd of October, 2007. 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).

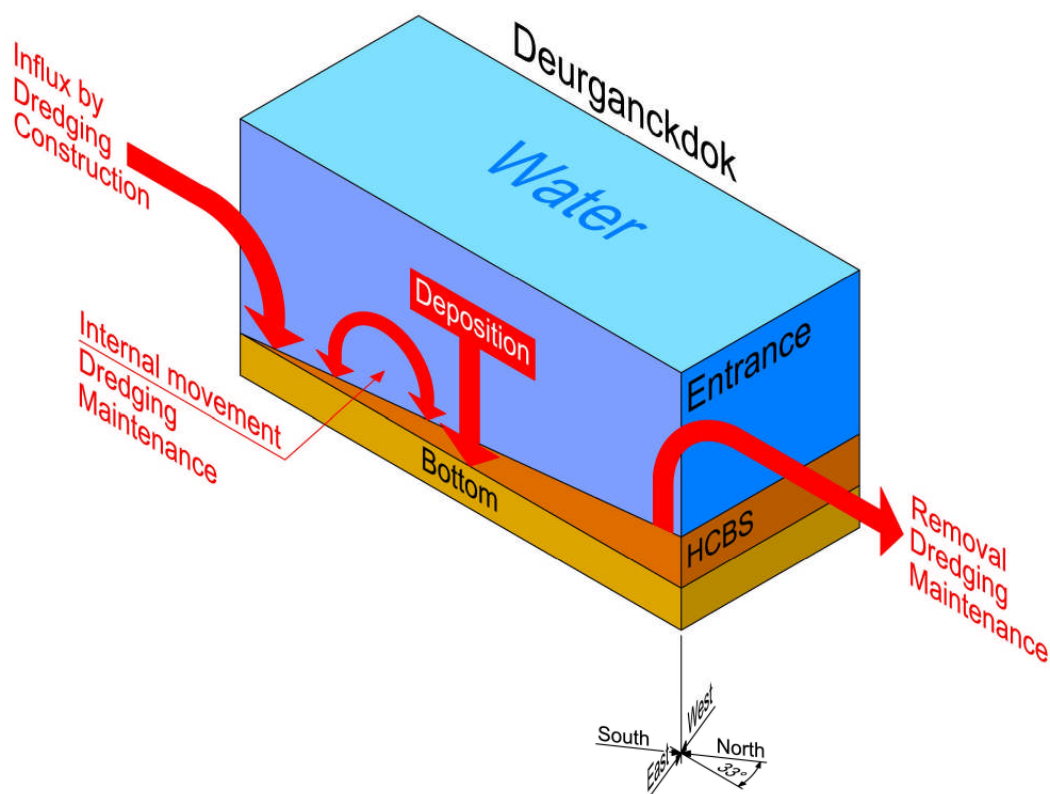


Figure 2-1: Elements of the sediment balance

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 .

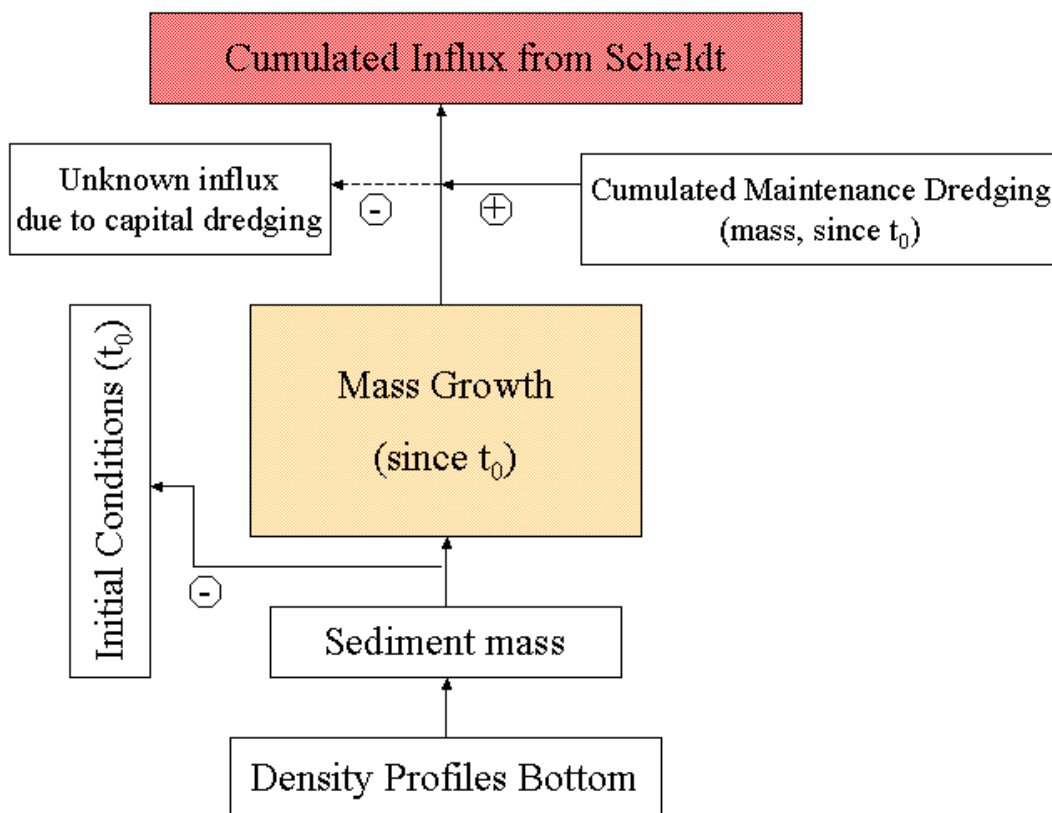


Figure 2-2: Determining a sediment balance

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

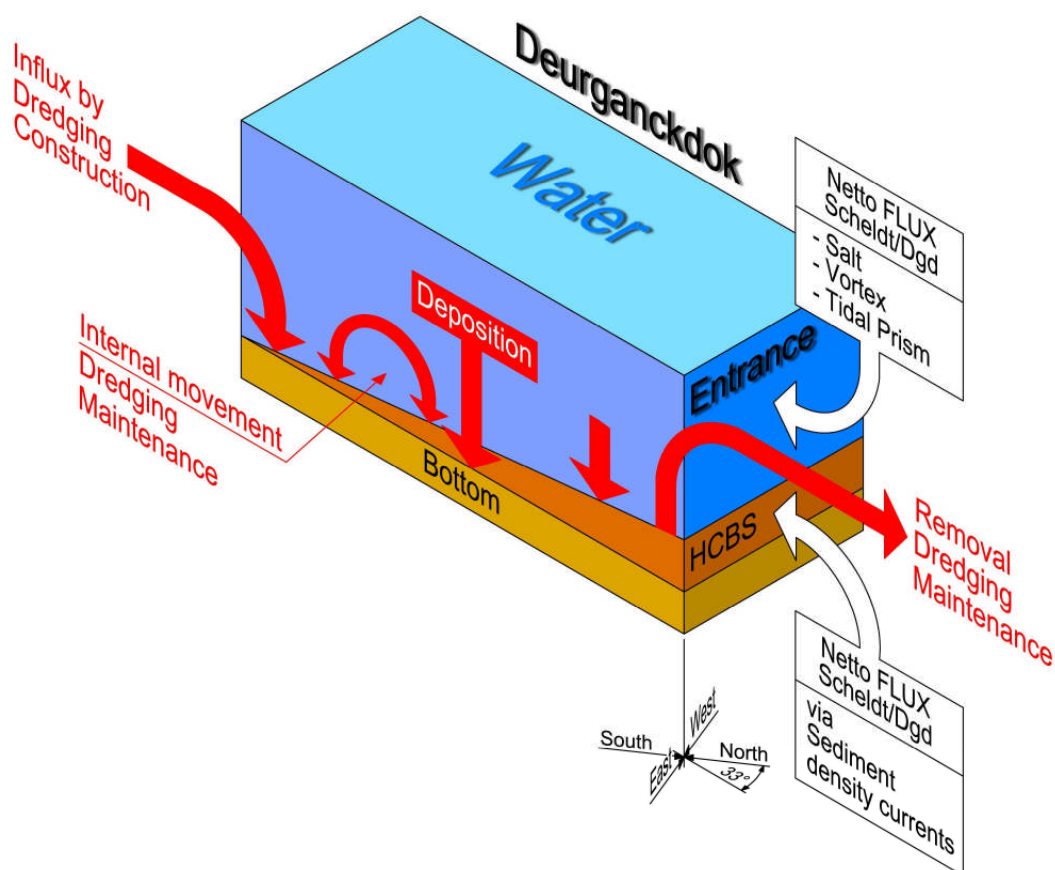


Figure 2-3: Transport mechanisms

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 23rd of October from 7h10 MET till 19h50 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.

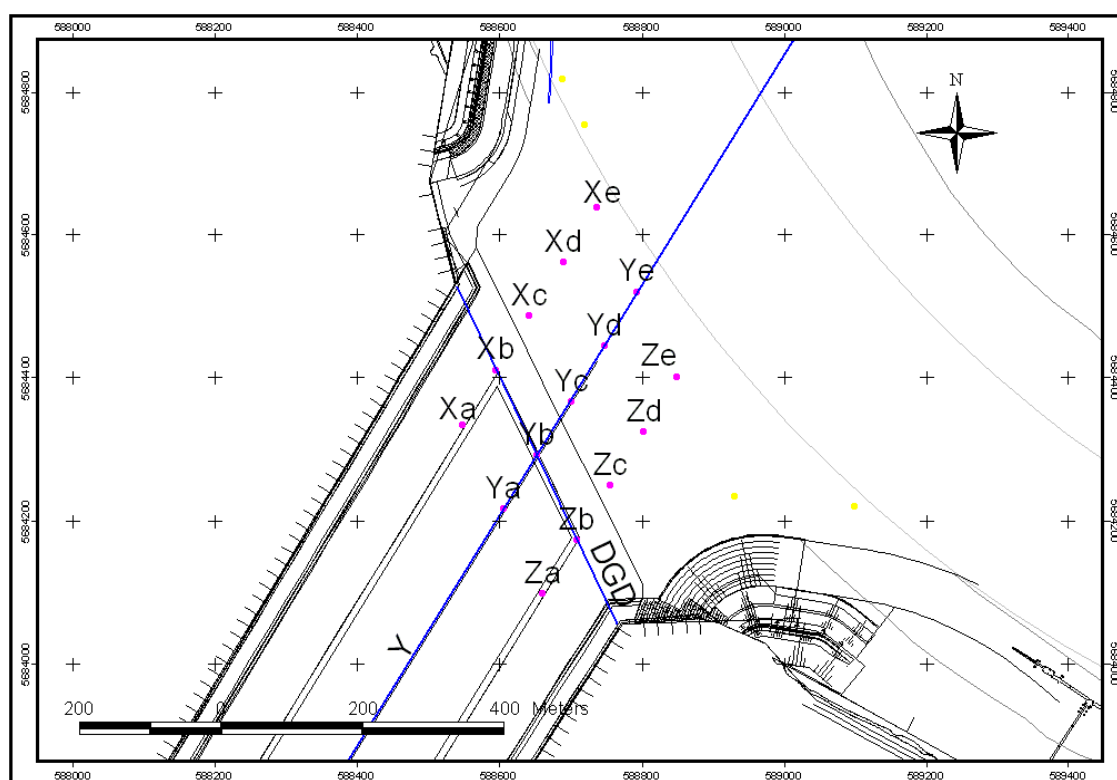


Figure 2-4: Map of the measurement locations in the vicinity of Deurganckdok

From the survey vessel Stream 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 23rd 2007 at the entrance of Deurganckdok.

Measurement point	Bank	Easting (UTM31 ED50)	Northing (UTM31 ED50)	Average Depth [m TAW]
Xa	Left bank	588549	5684335	-14.2
Xb	Left bank	588596	5684411	-14.1
Xc	Left bank	588643	5684486	-13.7
Xd	Left bank	588690	5684562	-13.9
Xe	Left bank	588737	5684638	-14.2
Ya	Center	588606	5684217	-14.6
Yb	Center	588653	5684293	-14.5
Yc	Center	588700	5684368	-13.8
Yd	Center	588747	5684444	-14.0
Ye	Center	588793	5684520	-14.9
Za	Right bank	588662	5684099	-15.0
Zb	Right bank	588709	5684174	-14.6
Zc	Right bank	588756	5684250	-14.0
Zd	Right bank	588803	5684326	-14.0
Ze	Right bank	588850	5684402	-14.3

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 the 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. 173 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 23rd of October 2007 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 October 23rd 2007.

Table 3-1: High and Low Tide at Liefkenshoek Tidal Gauge on 23/10/2007

<i>Liefkenshoek Tidal Gauge</i>		
<i>23 October 2007</i>		
	<i>Time [MET]</i>	<i>Water level [m TAW]</i>
HW (1)	00:40	4.86
LW (2)	07:00	0.18
HW (3)	13:00	4.66
LW (4)	19:50	-0.30

In Table 3-2 the tidal characteristics of the tide on the 23rd of October 2007 are compared to the average tide over the decade 1991-2000 (AMT, 2003).

Table 3-2: Comparison of the tidal characteristics of 23/10/2007 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 23/10/2007
Water level [m TAW]				
HW (1)	4.63	5.19	5.63	4.86
LW (2)	0.39	0.05	-0.18	0.18
HW (3)	-	-	-	4.66
LW (4)	-	-	-	-0.30
Tidal difference [m]				
Falling (1 to 2)	4.24	5.14	5.81	4.68
Rising (2 to 3)	4.24	5.14	5.81	4.48
Falling (3 to 4)	-	-	-	4.96
Duration [hh:mm]				
Falling (1 to 2)	6:40	6:50	7:02	6:20
Rising (2 to 3)	5:59	5:34	5:16	6:00
Falling (3 to 4)	-	-	-	6:50
Tide (1 to 3)	12:39	12:24	12:18	12:20
Tide (2 to 4)	-	-	-	12:50
Tidal coefficient				
Falling (1 to 2)	0.82	1.00	1.13	0.91
Rising (2 to 3)	0.82	1.00	1.13	0.87
Falling (3 to 4)	-	-	-	0.96

The tidal coefficients from 0.87 up to 0.96 for the measured tide of the 23rd of October 2007 indicate that this tide has a smaller tidal range than the average tide for the decade of 1991-2000, and can be classified in between neap tide and average tide.

3.2.2. Meteorological data

Meteorological data at Deurne was obtained from the Weather Underground website (Wunderground, 2008).

On the 23rd of October 2007, the air temperature varied between -3 and 9°C. The wind blew from the east at an average velocity of 7 km/h. The sky was clear.

3.3. Navigation information

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

3.4. Remarks on data

During the measurement campaign the SiltProfiler took a total of 173 profiles. The last cycle was ended earlier because of a low battery of the SiltProfiler. The SiltProfiler had not enough power to take profiles properly.

The salinity data of the SiltProfiler was unreliable and was replaced by the salinity of the CTD-Diver, which was placed on the SiltProfiler during the measurement campaign.

The SS concentration of profiles 1075Ze, 1159Xb and 1160Xa were disturbed completely by shipwakes of the shipping traffic. These data have been removed. The shipwake which disturbed 1159Xb and 1160Xa, is also visible in the lower part of the water column of profiles 1161Ya, 1162Yb, 1163Yc, 1164Yd, 1165Ye and 1166Ze. The sinking progress of the ship wake is good illustrated on the figure of SS concentration distribution at transect Y (from 1161Ya to 1165Ye) in APPENDIX I.

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, 2008c).

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:

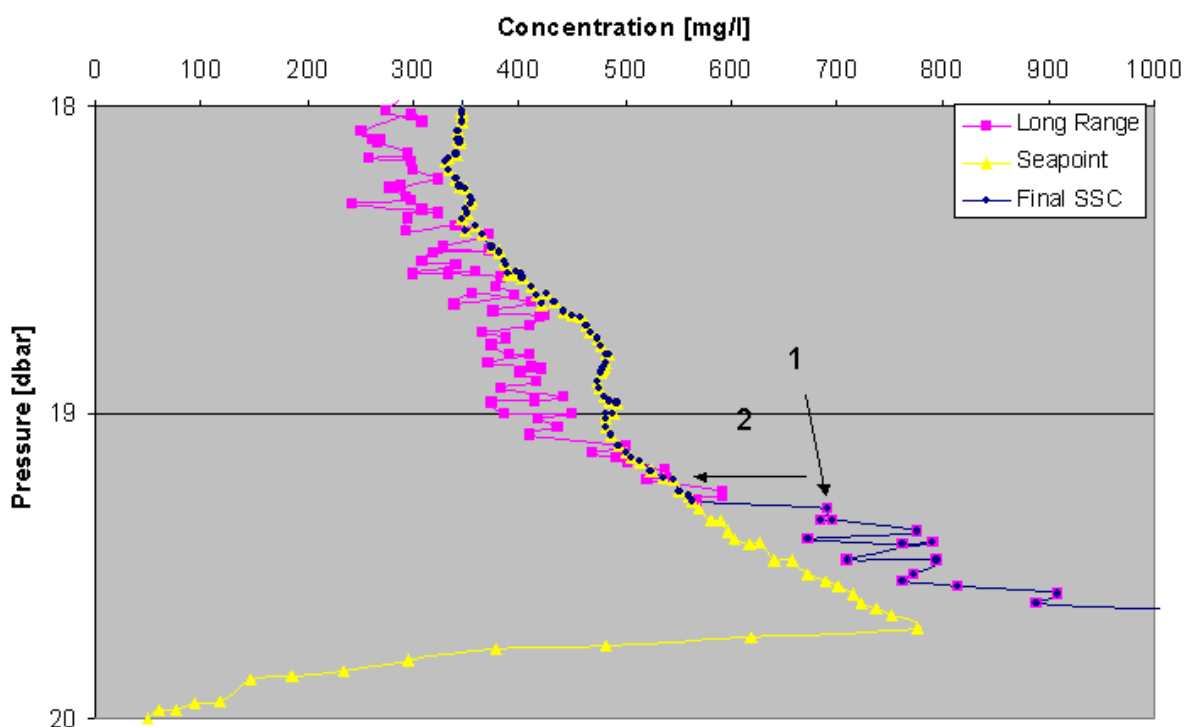


Figure 4-1: Example of Methodology used for the transition of Seapoint to Long Range Sensor for a given profile

- 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 colorcodes 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 17 mg/l up to 306 mg/l. The maximal depth average concentration of 306 mg/l occurs at Ya around LW and the minimal of 17 mg/l at Zb (5:36 after HW) and Zc (3:11 after HW). In general profiles taken along transect Z give slightly lower depth average SS concentrations than those taken along transect X and Y.

In general a similar magnitude of suspended sediment has been observed during the previous SiltProfiler winter campaign on 21st March of 2006 (IMDC, 2006h). Compared to the summer campaign on 26th September of 2006 (IMDC, 2007n) the overall concentrations were roughly twice as high.

The density of a mud layer at locations Xa, Ya and Za was low enough to allow the SiltProfiler to penetrate, although the sediment concentration was higher than the upper limit of the SiltProfiler range (+/- 35 g/l).

Depth averaged salinity ranges from 8.8 to 10.9 ppt. The maximal salinity value occurs at Xd, Xe and Ye about 1:30 after HW, and the minimal at Xd and Xe around LW. 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 14.8°C over all the locations.

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Deelrapport 2.2 Through tide measurement SiltProfiler 26/09/2006 Stream
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31/10/2006 (I/RA/11283/06.122/MSA)

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15/03/2007 (I/RA/11283/06.123/MSA)

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(I/RA/11283/07.086/MSA)

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APPENDIX A. MEASUREMENT EQUIPMENT

CTD-Diver datalogger



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, saltwater 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	Ø22 mm x 163 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 60 °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	D1 251	D1 263	D1 265	D1 500 (Baro)
Range	10 m H ₂ O	30 m H ₂ O	100 m H ₂ O	1.5 m H ₂ O
- accuracy ^{2,3}	1 cm H ₂ O	3 cm H ₂ O	10 cm H ₂ O	0.5 cm H ₂ O
- resolution	0.2 cm H ₂ O	0.6 cm H ₂ O	2 cm H ₂ O	0.1 cm H ₂ O

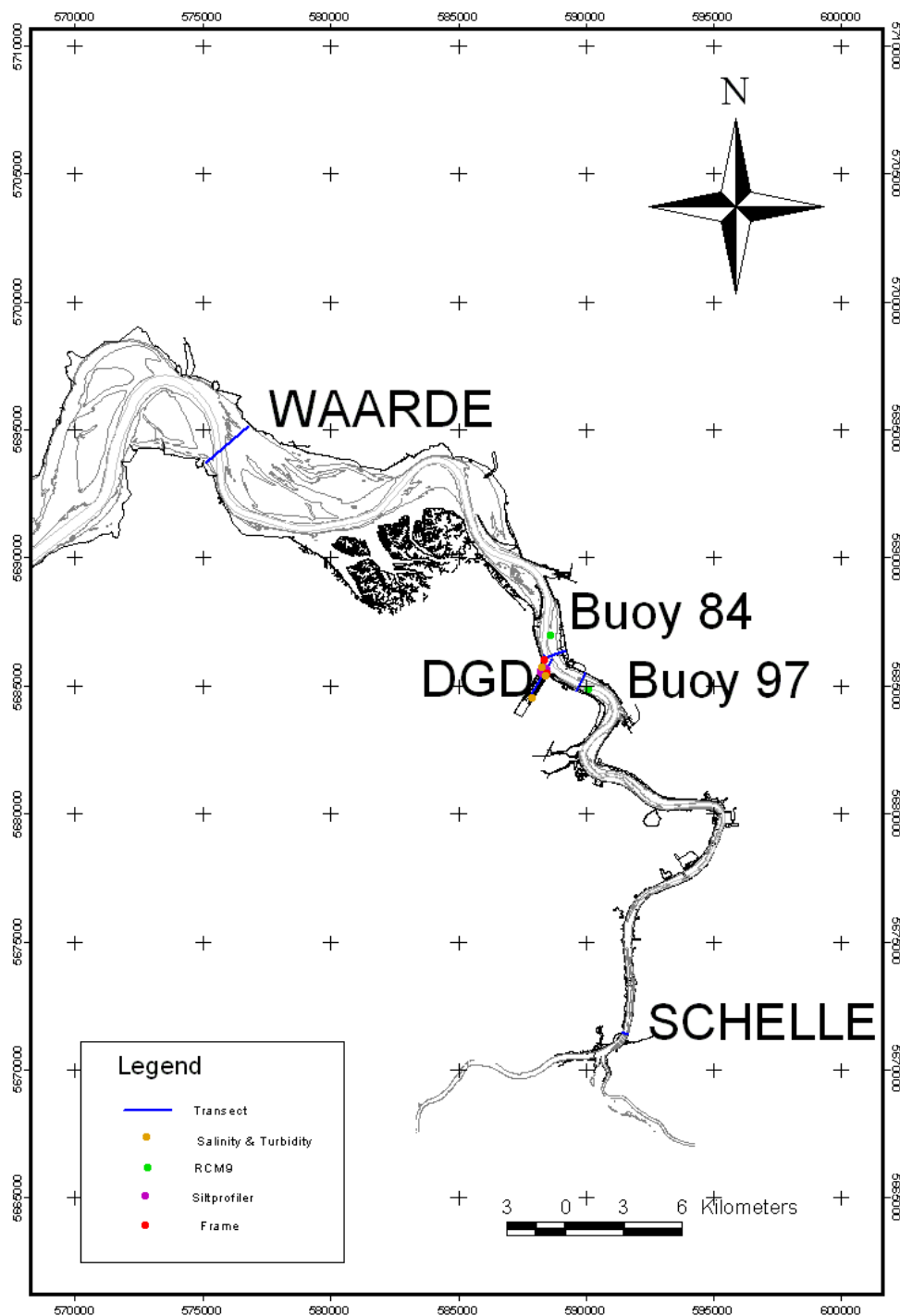
¹ various measuring methods available (fixed, event based and pumping tests)

^{2,3} within temperature compensated range (0°C to 40°C)

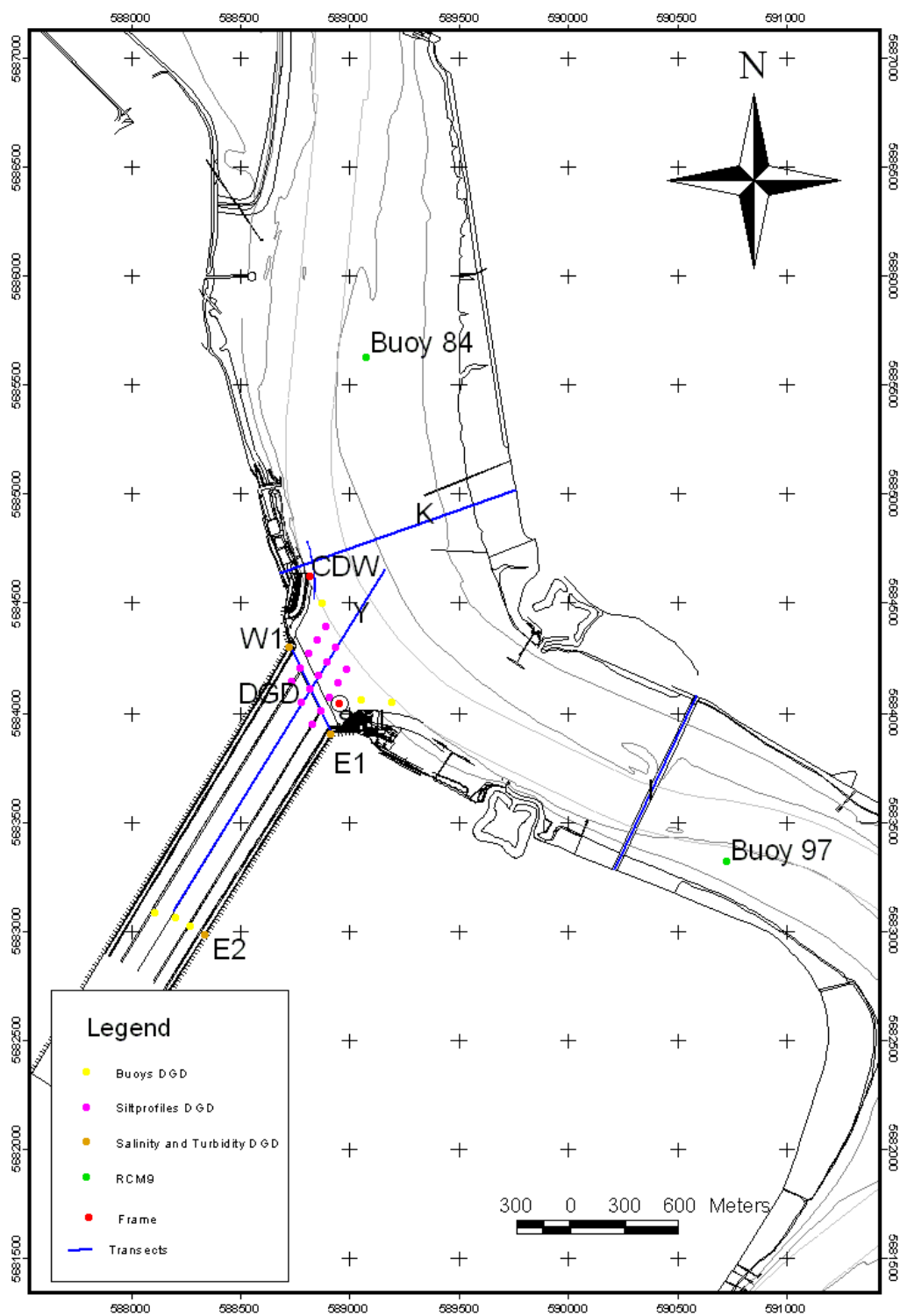
APPENDIX B.

OVERVIEW OF MEASUREMENTS

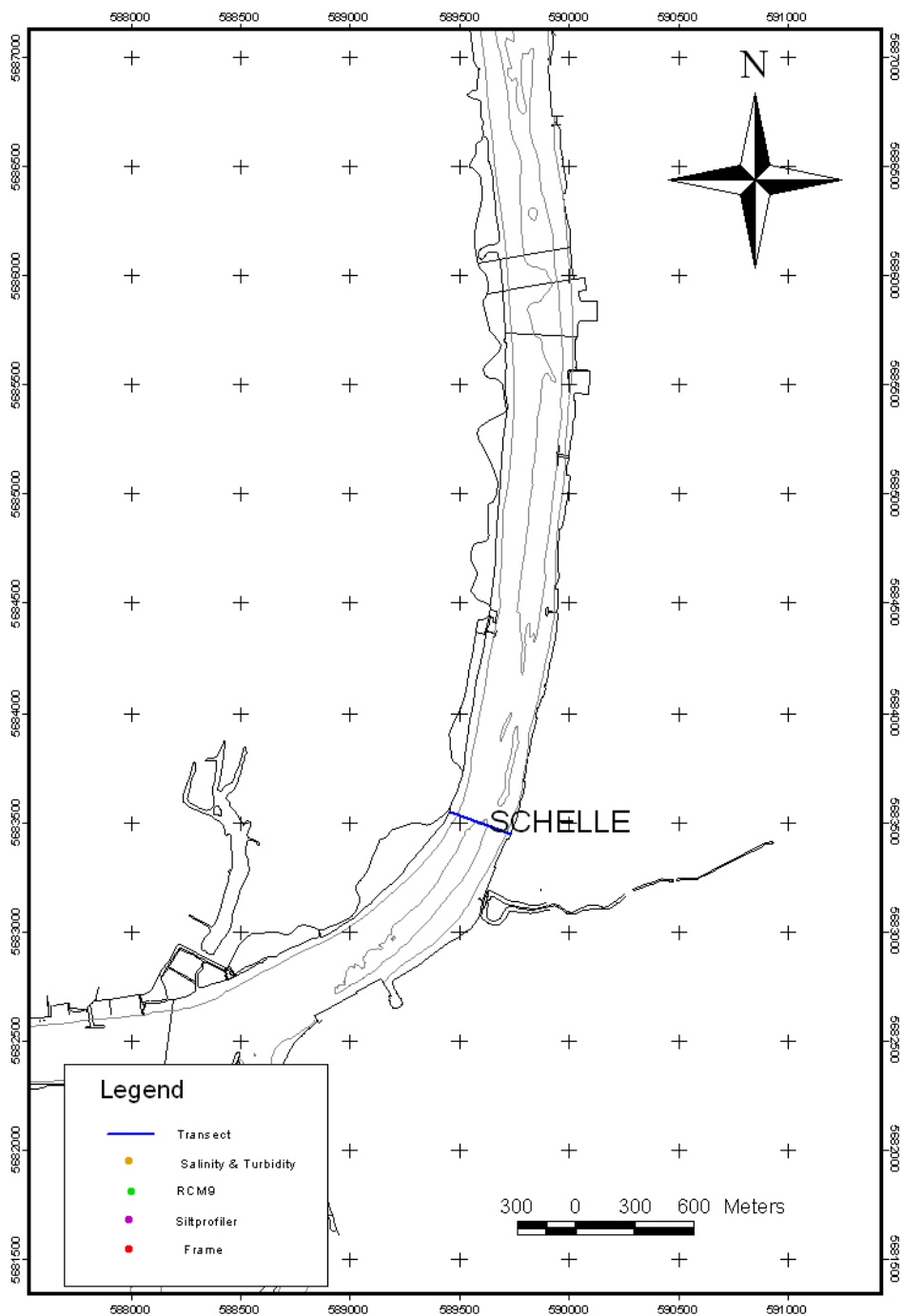
B.1 Overview of the measurement locations for the whole HCBS2 and Deurganckdok measurement campaign



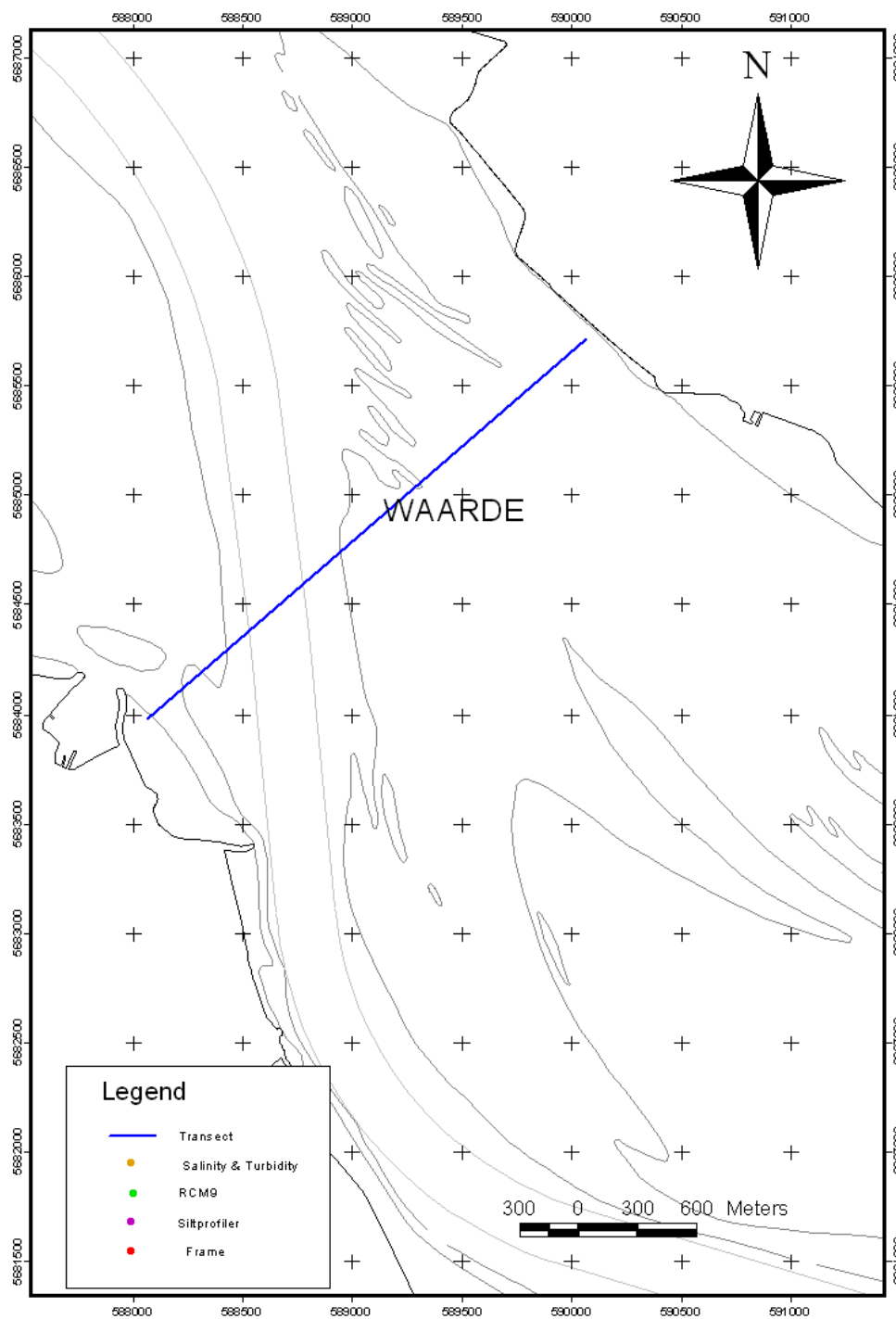
Overview of the measurement locations



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

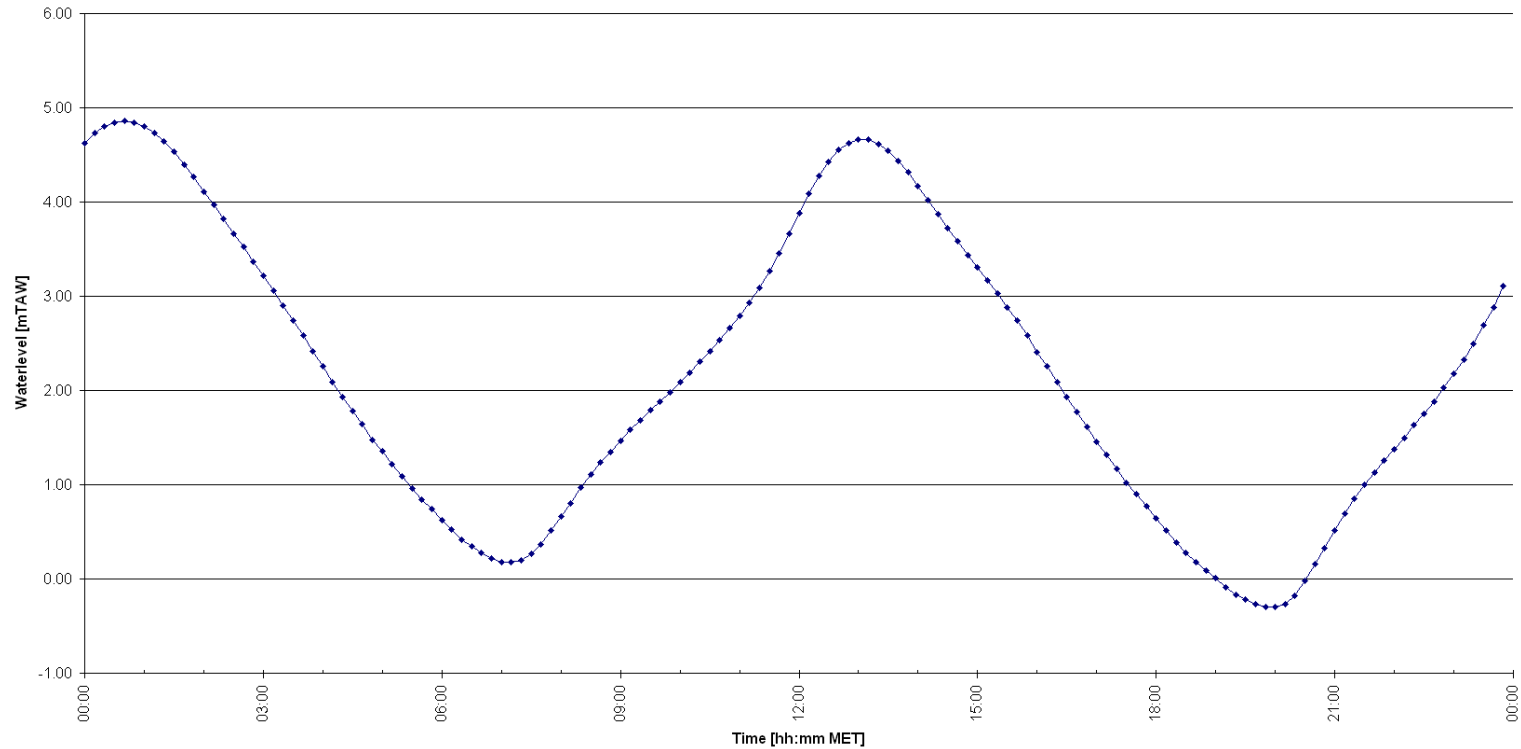
Transect	Start Easting	Start Northing	End Easting	End Northing
I	590318.00	5683302.00	590771.00	5684257.00
K	588484.00	5684924.00	589775.00	5685384.00
SCHELLE	592645.07	5665794.06	592952.68	5665682.28
DGD	588764.88	5684056.49	588540.95	5684526.94
Y	589059.09	5684948.36	587898.76	5683076.56
WAARDE	573541.00	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 23 October 2007



Measured tide on 23/10/2007

Data processed by:



Location:

Liefkenshoek tidal gauge

Date:

23/10/2007

In association with:



I/RA/11283/06.086/MSA

APPENDIX D.

NAVIGATION INFORMATION AS RECORDED ON SITE

Ship:		Scheldewacht 2	
Location:		Entrance Deurganckdok	
Nr.	Tijdstip (MET)	Type schip	Vaarrichting (uit-, invarend)
1	7:20	Brutus	uitvarend
2	7:30	Gotcha	invarend
3	7:35	Helena	uitvarend
4	7:45	Big Ben	uitvarend
5	8:05	Bemyo	invarend
6	8:10	Nirvana	invarend
7	8:10	Gotcha	uitvarend
8	8:15	Adfundum	uitvarend
9	8:45	Al Air Kochal	invarend
10	8:50	Nirvana	uitvarend
11	8:55		uitvarend
12	9:15	Sankara	invarend
13	10:10	Solong	uitvarend
14	10:20	Coronia	uitvarend
15	10:30	Delta Hopper	invarend
16	11:00	Delta Hopper	uitvarend
17	11:10	Goudvis	invarend
18	11:35	Alexandra	invarend
19	11:38	Notec	invarend
20	12:00	Adfundum	uitvarend
21	12:02	Duwbak	invarend
22	12:20	Gemko-G	invarend
23	12:22	Symfharosa	invarend
24	12:50	Laurent	invarend
25	12:55	Montana	invarend
26	13:00	Union Emerald	invarend
27	13:30		uitvarend
28	13:40	Timmy	invarend
29	13:50	Symfharosa	uitvarend
30	14:00	Xim Hong Kong	invarend
31	14:00	Union 9 + 8	invarend

Ship:		Scheldewacht 2	
Location:		Entrance Deurganckdok	
32	14:15	Neckarstein	uitvarend
33	14:30	Gemko-G	uitvarend
34	14:35	Mercurius	invarend
35	14:36	Notec	uitvarend
36	15:00	Vlissingen	invarend
37	15:03	Mercurius	uitvarend
38	15:03	Alexandra	uitvarend
39	15:10	Aargau	invarend
40	15:20	Timmy	uitvarend
41	15:22	Libero	invarend
42	15:45	Montana	uitvarend
43	16:15	Carin	invarend
44	16:30	Goudvis	uitvarend
45	16:45		uitvarend
46	16:50	Carin	uitvarend
47	16:50	Carisma	invarend
48	16:55		invarend
49	17:00	Duwbak	invarend
50	17:15	Anora	uitvarend
51	18:15	Laurens	uitvarend
52	18:20	Elsina	invarend
53	18:40	Libero	uitvarend
54	18:45	Container	invarend
55	19:00	CMA Mimosa	invarend
56	19:10	Elsina	uitvarend
57	19:20	Puw	invarend
58	19:35	Orida	invarend
59	19:40	Gremko	invarend

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	$R = \frac{C}{42.914 \text{mS/cm}}$							
C	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	$R_p = 1 + \frac{p(e_1 + e_2p + e_3p^2)}{1 + d_1t + d_2t^2 + (d_3 + d_4t)R}$							
rt	1.1641102	$r_t = c_0 + c_1t + c_2t^2 + c_3t^3 + c_4t^4$							
Rt	0.0099879	$R_t = \frac{R}{R_p \times r_t}$							
Delta S	-0.0010	$\Delta S = \frac{(t-15)}{1+k(t-15)} (b_0 + b_1R_t^{1/2} + b_2R_t^{3/2} + b_3R_t^2 + b_4R_t^{5/2} + b_5R_t^2)$							
S = Salinity	0.257	$S = a_0 + a_1R_t^{1/2} + a_2R_t^{3/2} + a_3R_t^2 + a_4R_t^{5/2} + a_5R_t^2 + \Delta S$							
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.

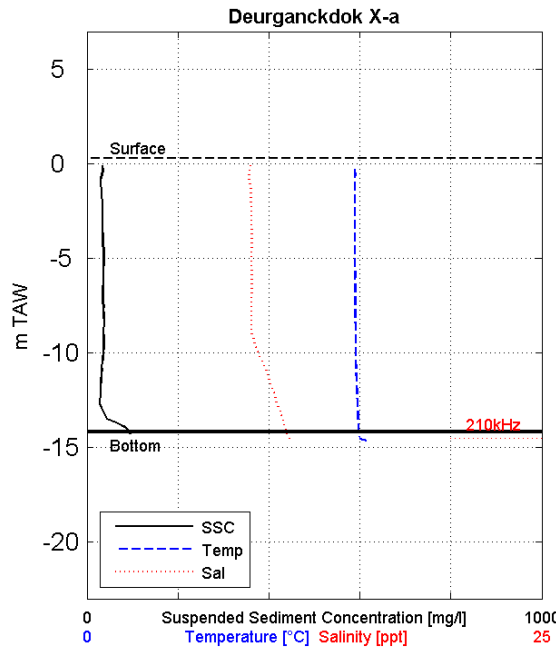
APPENDIX F.

SILTPROFILER GRAPHS

F.1 Location Xa

Through tide measurements Siltprofiler 23 October 2007

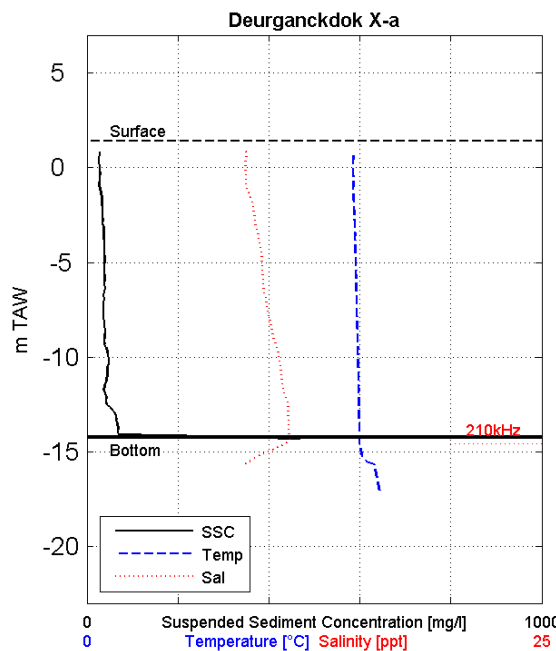
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1005Xa_ctd.sil 1020Xa_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:33
 Time after/before HT [MET]: -5:26
 Coordinates [UTM-ED50] Easting: 588541
 Coordinates [UTM-ED50] Northing: 5684322
 Water-Bottom Interface Siltpr. [m TAW]: -14.20
 Waterdepth 210 kHz Echo [m TAW]: -14.50
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.30

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.00	14.7	NaN	34
-0.07	14.7	9.0	32
-0.10	14.7	9.0	36
-0.15	14.8	8.9	35
-0.81	14.7	8.9	30
-1.57	14.7	9.0	31
-2.39	14.7	9.0	33
-3.18	14.7	9.0	33
-4.02	14.8	9.0	36
-4.88	14.8	9.0	37
-5.70	14.7	9.1	36
-6.47	14.7	9.1	34
-7.27	14.8	9.0	34
-8.08	14.7	9.0	35
-8.84	14.7	9.0	35
-9.60	14.7	9.2	37
-10.34	14.8	9.6	34
-11.12	14.8	9.9	32
-11.83	14.8	10.2	29
-12.55	14.9	10.4	27
-13.26	14.9	10.7	40
-13.96	14.9	10.9	65
-14.20	14.9	11.0	100

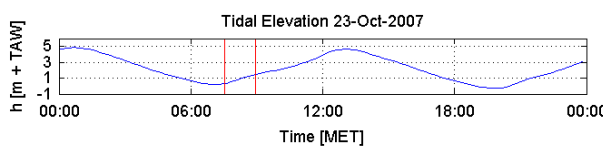
Depth Avg 14.8 9.4 36



Siltprofiler
 Date & Time [MET]: 23/10/2007 08:56
 Time after/before HT [MET]: -4:03
 Coordinates [UTM-ED50] Easting: 588549
 Coordinates [UTM-ED50] Northing: 5684319
 Water-Bottom Interface Siltpr. [m TAW]: -14.23
 Waterdepth 210 kHz Echo [m TAW]: -14.58
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.42

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.97	14.6	8.7	27
0.84	14.6	8.7	24
0.80	14.6	8.7	27
0.62	14.6	8.8	28
-0.10	14.6	8.7	28
-1.01	14.6	8.7	27
-1.84	14.7	9.1	29
-2.60	14.7	9.2	35
-3.39	14.7	9.3	37
-4.38	14.8	9.6	31
-5.34	14.8	9.6	37
-6.18	14.8	9.7	37
-7.01	14.8	9.8	34
-7.81	14.8	10.0	35
-8.64	14.9	10.2	37
-9.46	14.9	10.4	40
-10.21	14.9	10.6	48
-10.92	14.9	10.7	42
-11.76	14.9	10.8	37
-12.53	14.9	11.0	47
-13.38	14.9	11.1	61
-14.20	14.9	11.1	1270
-14.23	14.9	11.1	58

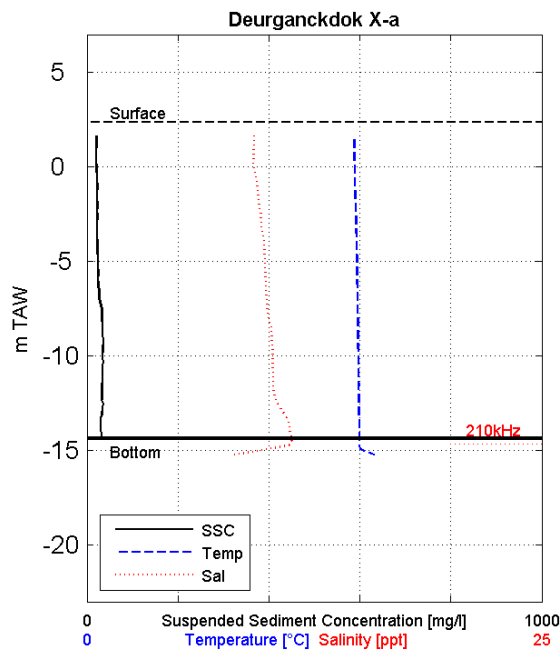
Depth Avg 14.8 9.8 40



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

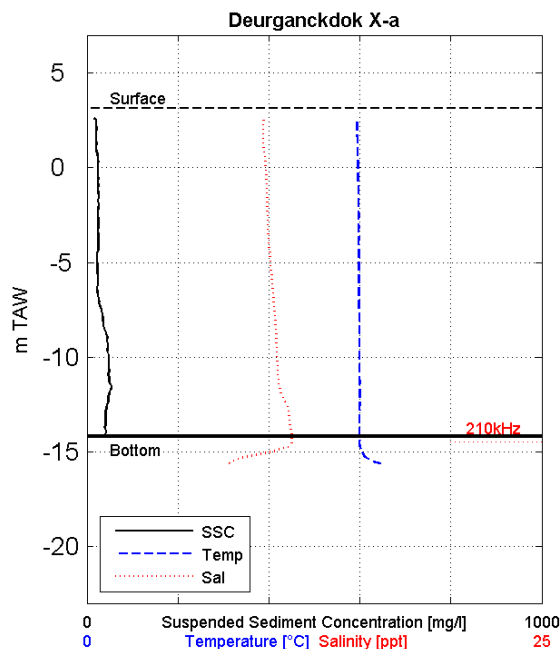
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1036Xa_ctd.sil 1051Xa_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:23
 Time after/before HT [MET]: -2:36
 Coordinates [UTM-ED50] Easting: 588554
 Coordinates [UTM-ED50] Northing: 5684335
 Water-Bottom Interface Siltpr. [m TAW]: -14.37
 Waterdepth 210 kHz Echo [m TAW]: -14.65
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.75	14.6	NaN	22
1.68	14.7	9.2	22
1.66	14.7	9.2	21
1.64	14.7	9.2	21
1.62	14.7	9.2	20
1.57	14.7	9.2	22
0.68	14.7	9.1	21
-0.30	14.7	9.2	21
-1.38	14.7	9.4	20
-2.54	14.8	9.5	23
-3.51	14.8	9.7	23
-4.52	14.8	9.8	23
-5.63	14.9	9.8	28
-6.55	14.8	9.8	26
-7.57	14.9	9.9	32
-8.64	14.9	10.1	34
-9.44	14.9	10.2	36
-10.46	14.9	10.2	33
-11.42	14.9	10.2	34
-12.26	14.9	10.4	32
-13.34	14.9	11.0	24
-14.19	15.0	11.2	31
-14.37	15.0	11.2	32

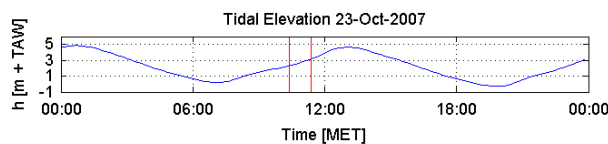
Depth Avg 14.8 9.9 27



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:22
 Time after/before HT [MET]: -1:37
 Coordinates [UTM-ED50] Easting: 588538
 Coordinates [UTM-ED50] Northing: 5684339
 Water-Bottom Interface Siltpr. [m TAW]: -14.20
 Waterdepth 210 kHz Echo [m TAW]: -14.46
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.14

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.60	14.8	NaN	11
2.54	14.9	9.7	20
2.49	14.9	9.7	19
1.93	14.9	9.7	21
1.13	14.8	9.7	20
0.15	14.9	9.8	24
-0.85	14.9	9.9	25
-1.85	14.9	9.9	26
-2.85	14.9	9.9	23
-3.76	14.9	10.0	24
-4.59	14.9	10.0	22
-5.47	14.9	10.1	23
-6.48	15.0	10.2	23
-7.33	14.9	10.3	30
-8.22	14.9	10.4	36
-9.13	15.0	10.4	41
-9.92	15.0	10.4	48
-10.74	14.9	10.5	47
-11.59	15.0	10.6	54
-12.37	15.0	10.9	45
-13.19	15.0	11.1	41
-14.04	15.0	11.3	40
-14.20	15.0	11.3	39

Depth Avg 14.9 10.2 31



Data Processed by:



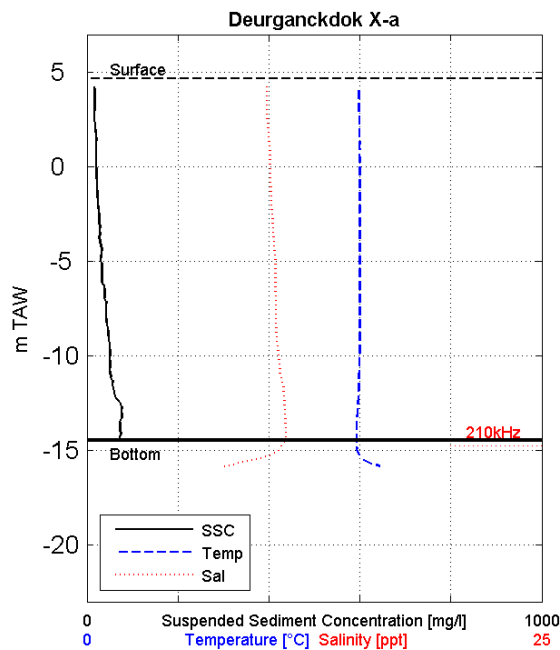
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

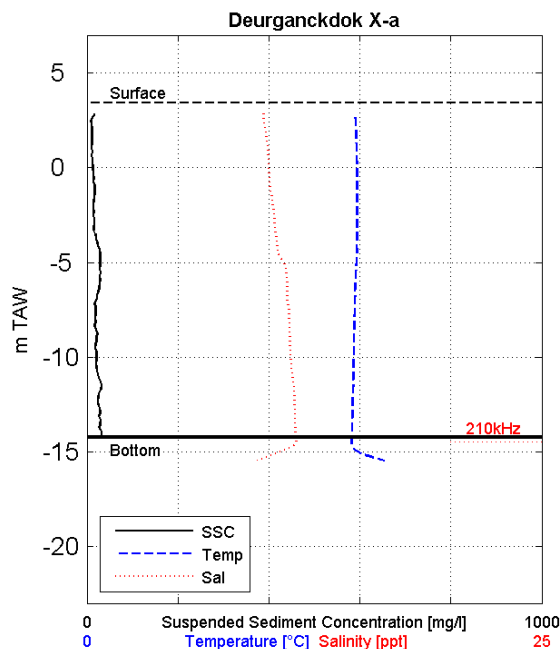
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1068Xa_ctd.sil 1084Xa_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 13:10
 Time after/before HT [MET]: 0:10
 Coordinates [UTM-ED50] Easting: 588553
 Coordinates [UTM-ED50] Northing: 5684336
 Water-Bottom Interface Siltpr. [m TAW]: -14.48
 Waterdepth 210 kHz Echo [m TAW]: -14.74
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.66

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.31	14.9	NaN	17
4.18	14.9	9.9	17
4.14	14.9	9.8	18
4.09	14.9	9.9	18
3.74	15.0	9.9	16
2.77	15.0	9.9	14
1.58	15.0	10.0	21
0.44	14.9	10.1	19
-0.66	15.0	10.1	24
-1.74	15.0	10.1	27
-2.94	15.0	10.2	26
-4.06	14.9	10.3	28
-5.18	15.0	10.3	35
-6.24	15.0	10.3	39
-7.27	15.0	10.4	41
-8.41	15.0	10.4	45
-9.46	15.1	10.5	51
-10.53	15.0	10.6	49
-11.48	14.9	10.8	55
-12.53	14.9	10.8	75
-13.51	14.8	10.9	73
-14.46	14.8	10.9	73
-14.48	14.8	10.9	2145

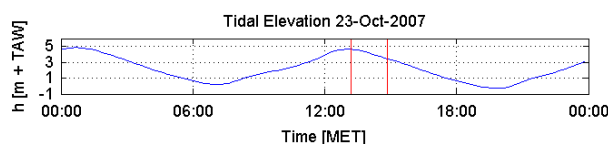
Depth Avg 15.0 10.3 38



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:50
 Time after/before HT [MET]: 1:50
 Coordinates [UTM-ED50] Easting: 588551
 Coordinates [UTM-ED50] Northing: 5684347
 Water-Bottom Interface Siltpr. [m TAW]: -14.22
 Waterdepth 210 kHz Echo [m TAW]: -14.46
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.44

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.88	14.7	9.7	19
2.80	14.6	9.7	7
2.77	14.7	9.7	14
2.72	14.7	9.7	12
2.32	14.8	9.7	3
1.50	14.8	9.9	8
0.56	14.8	9.9	11
-0.39	14.9	10.0	12
-1.34	14.9	10.1	16
-2.12	14.8	10.2	14
-2.98	14.9	10.3	18
-3.92	14.8	10.4	20
-5.00	14.8	10.8	26
-6.01	14.7	11.0	32
-7.00	14.7	11.0	15
-8.12	14.7	11.1	15
-9.14	14.6	11.2	19
-10.23	14.7	11.2	15
-11.23	14.6	11.3	31
-12.24	14.6	11.4	17
-13.24	14.5	11.4	31
-14.22	14.5	11.5	51
-14.22	14.5	11.5	51

Depth Avg 14.7 10.7 20



Data Processed by:



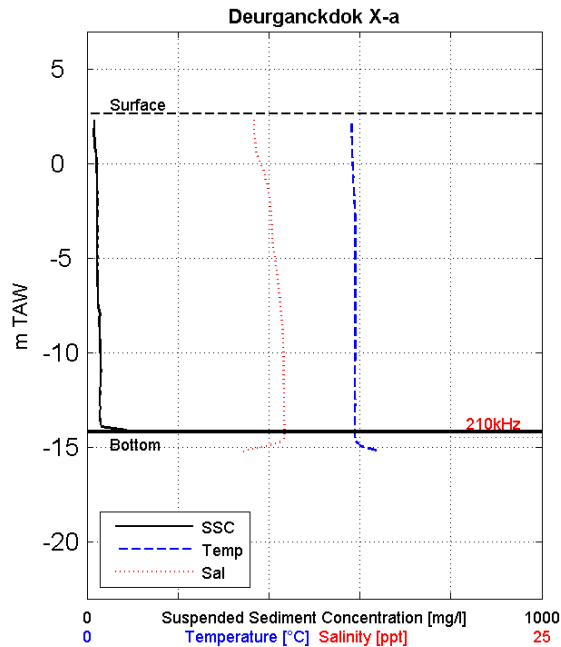
In association with:



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Through tide measurements Siltprofiler 23 October 2007

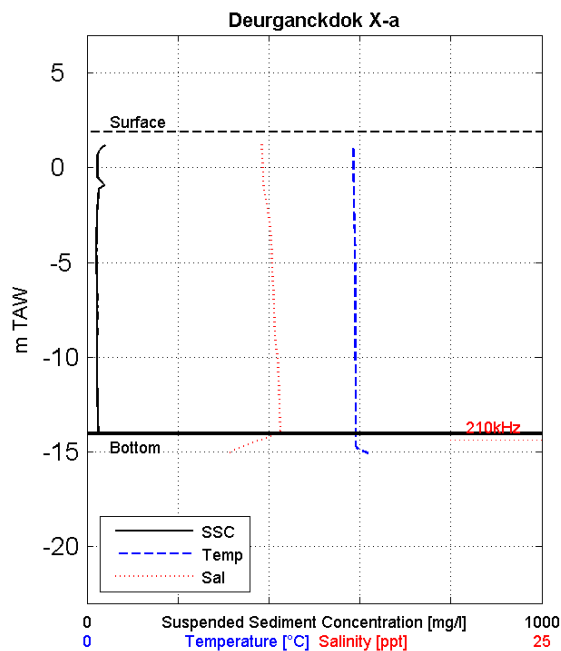
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1099Xa_ctd.sil 1114Xa_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:45
 Time after/before HT [MET]: 2:45
 Coordinates [UTM-ED50] Easting: 588539
 Coordinates [UTM-ED50] Northing: 5684333
 Water-Bottom Interface Siltpr. [m TAW]: -14.16
 Waterdepth 210 kHz Echo [m TAW]: -14.45
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.65

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.37	14.5	9.2	14
2.33	14.5	9.2	14
2.29	14.5	9.2	16
2.09	14.5	9.2	15
1.13	14.6	9.2	15
0.16	14.6	9.5	20
-0.86	14.6	9.8	21
-1.84	14.7	10.0	22
-2.85	14.8	10.1	22
-3.83	14.8	10.2	22
-4.91	14.8	10.3	21
-5.92	14.7	10.4	23
-7.03	14.8	10.6	23
-7.94	14.7	10.7	29
-8.77	14.8	10.7	26
-9.57	14.8	10.8	28
-10.06	14.7	10.8	28
-10.66	14.7	10.8	27
-11.49	14.7	10.8	28
-12.36	14.7	10.8	28
-13.25	14.7	10.8	27
-14.06	14.7	10.9	31
-14.16	14.7	10.9	25138

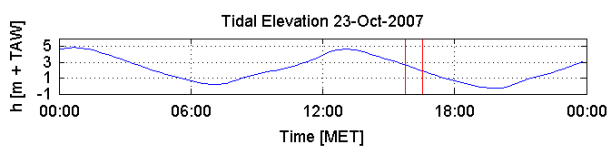
Depth Avg 14.7 10.3 34



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:32
 Time after/before HT [MET]: 3:32
 Coordinates [UTM-ED50] Easting: 588537
 Coordinates [UTM-ED50] Northing: 5684333
 Water-Bottom Interface Siltpr. [m TAW]: -14.05
 Waterdepth 210 kHz Echo [m TAW]: -14.40
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.90

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.21	14.6	9.6	40
0.62	14.6	9.6	23
-0.01	14.7	9.6	23
-0.84	14.6	9.7	42
-1.72	14.6	9.8	24
-2.56	14.7	10.0	21
-3.41	14.7	10.1	21
-4.20	14.8	10.1	20
-4.85	14.7	10.2	21
-5.41	14.7	10.2	21
-6.07	14.7	10.2	22
-6.79	14.7	10.3	24
-7.62	14.8	10.3	23
-8.40	14.8	10.3	24
-9.09	14.8	10.4	20
-9.78	14.7	10.4	21
-10.47	14.7	10.5	22
-11.15	14.7	10.5	21
-11.89	14.8	10.5	22
-12.59	14.8	10.6	22
-13.26	14.8	10.6	23
-13.90	14.8	10.6	24
-14.05	14.7	10.4	27

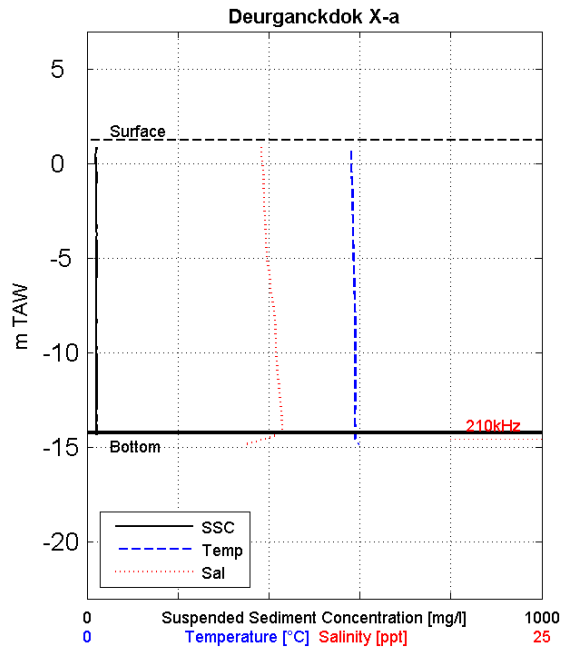
Depth Avg 14.7 10.2 23



Data Processed by: 
 In association with:  
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Through tide measurements Siltprofiler 23 October 2007

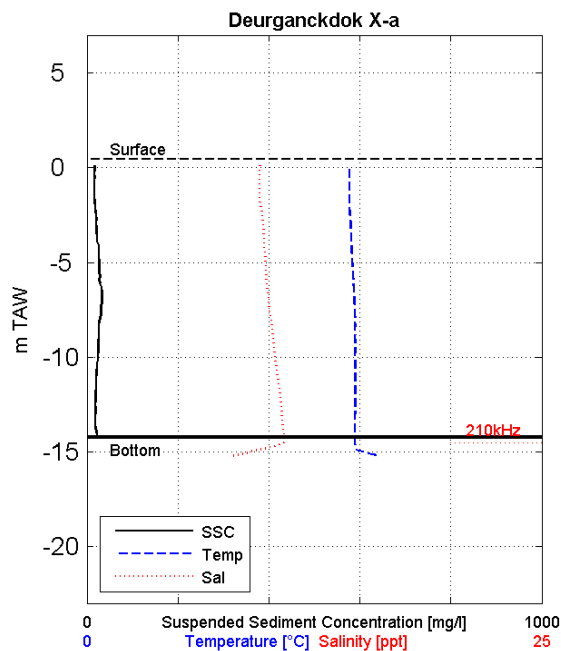
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1129Xa_ctd.sil 1145Xa_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:14
 Time after/before HT [MET]: 4:14
 Coordinates [UTM-ED50] Easting: 588545
 Coordinates [UTM-ED50] Northing: 5684339
 Water-Bottom Interface Siltpr. [m TAW]: -14.24
 Waterdepth 210 kHz Echo [m TAW]: -14.54
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.96	14.5	9.6	19
0.29	14.5	9.6	19
-0.27	14.5	9.7	21
-1.00	14.5	9.7	20
-1.84	14.6	9.7	21
-2.59	14.6	9.7	18
-3.44	14.6	9.8	21
-4.27	14.6	9.8	19
-5.01	14.7	9.9	21
-5.68	14.7	10.0	21
-6.25	14.7	10.1	18
-6.97	14.7	10.1	18
-7.75	14.7	10.3	18
-8.49	14.7	10.3	19
-9.24	14.8	10.3	19
-9.89	14.7	10.4	19
-10.57	14.7	10.4	20
-11.32	14.8	10.5	19
-12.04	14.7	10.6	21
-12.79	14.7	10.7	20
-13.50	14.7	10.7	20
-14.24	14.8	10.7	21
-14.24	14.7	10.7	323

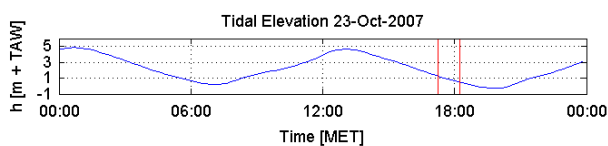
Depth Avg 14.7 10.1 20



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:14
 Time after/before HT [MET]: 5:14
 Coordinates [UTM-ED50] Easting: 588545
 Coordinates [UTM-ED50] Northing: 5684326
 Water-Bottom Interface Siltpr. [m TAW]: -14.22
 Waterdepth 210 kHz Echo [m TAW]: -14.54
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.46

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.18	14.4	9.5	16
-0.35	14.4	9.4	16
-0.97	14.4	9.4	15
-1.59	14.4	9.5	16
-2.22	14.4	9.6	18
-2.90	14.5	9.7	17
-3.68	14.5	9.7	21
-4.42	14.6	9.8	26
-5.11	14.6	9.8	28
-5.79	14.6	9.8	28
-6.53	14.7	9.9	32
-7.14	14.7	10.0	33
-7.84	14.7	10.1	32
-8.61	14.8	10.2	24
-9.37	14.7	10.3	24
-10.04	14.8	10.3	24
-10.77	14.7	10.4	19
-11.42	14.7	10.5	19
-12.12	14.7	10.6	19
-12.73	14.8	10.7	17
-13.36	14.8	10.7	19
-13.95	14.7	10.8	21
-14.22	14.7	10.8	22

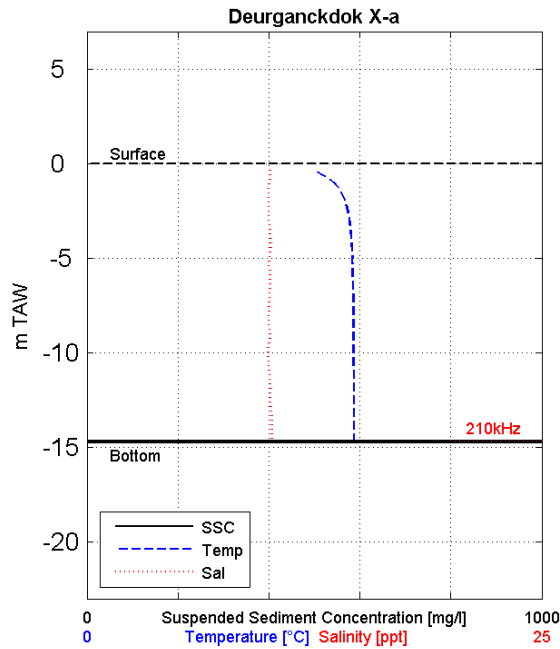
Depth Avg 14.6 10.0 22



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

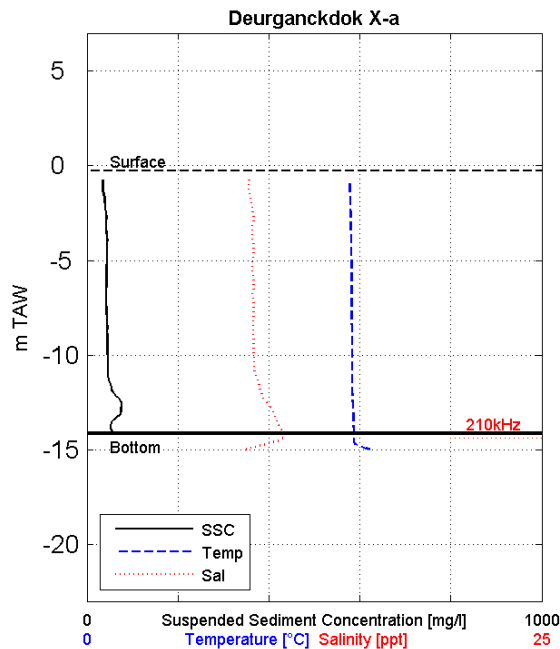
Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1160Xa_ctd.sil 1175Xa_ctd.sil	Location: Deurganckdok



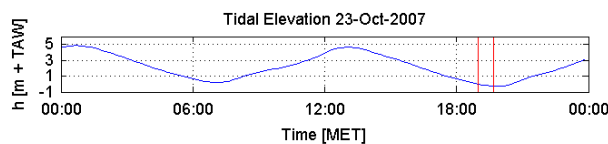
Siltprofiler
 Date & Time [MET]: 23/10/2007 18:58
 Time after/before HT [MET]: 5:58
 Coordinates [UTM-ED50] Easting: 588557
 Coordinates [UTM-ED50] Northing: 5684343
 Water-Bottom Interface Siltpr. [m TAW]: -14.72
 Waterdepth 210 kHz Echo [m TAW]: -14.68
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.02

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.27	12.4	10.0	NaN
-0.78	13.3	10.1	NaN
-1.28	13.9	10.0	NaN
-1.94	14.2	10.0	NaN
-2.66	14.4	9.9	NaN
-3.48	14.5	10.1	NaN
-4.31	14.5	10.1	NaN
-5.12	14.6	10.0	NaN
-5.93	14.6	10.1	NaN
-6.60	14.7	10.0	NaN
-7.37	14.7	10.0	NaN
-8.10	14.7	10.0	NaN
-8.77	14.6	10.0	NaN
-9.44	14.6	10.0	NaN
-10.11	14.6	9.9	NaN
-10.74	14.6	10.0	NaN
-11.41	14.6	10.0	NaN
-12.06	14.7	10.1	NaN
-12.78	14.7	10.1	NaN
-13.44	14.6	10.2	NaN
-14.10	14.7	10.2	NaN
-14.72	14.7	10.0	NaN
Depth Avg	14.4	10.0	NaN



Siltprofiler
 Date & Time [MET]: 23/10/2007 19:41
 Time after/before HT [MET]: 6:41
 Coordinates [UTM-ED50] Easting: 588542
 Coordinates [UTM-ED50] Northing: 5684330
 Water-Bottom Interface Siltpr. [m TAW]: -14.16
 Waterdepth 210 kHz Echo [m TAW]: -14.37
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.27

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.73	14.4	8.9	37
-0.81	14.5	8.9	37
-0.86	14.4	8.9	37
-1.22	14.4	8.9	34
-1.87	14.5	9.0	38
-2.58	14.5	9.1	42
-3.37	14.5	9.1	41
-4.06	14.5	9.1	43
-4.77	14.5	9.1	43
-5.50	14.5	9.1	43
-6.31	14.6	9.1	41
-7.07	14.6	9.1	41
-7.83	14.6	9.1	44
-8.56	14.5	9.1	45
-9.29	14.5	9.2	44
-10.00	14.6	9.2	44
-10.65	14.6	9.2	46
-11.28	14.6	9.3	48
-11.87	14.5	9.5	53
-12.56	14.6	9.9	77
-13.22	14.6	10.3	69
-13.87	14.7	10.6	52
-14.16	14.7	10.8	227
Depth Avg	14.5	9.3	46



Data Processed by:



In association with:

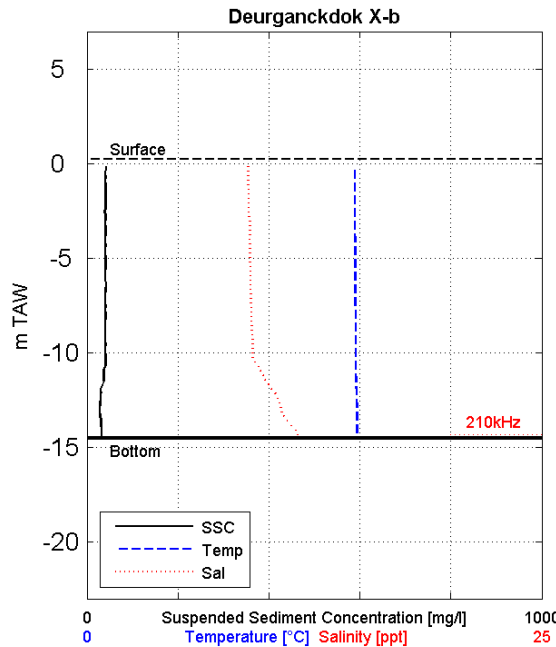


I/RA/11283/07.086/MSA

F.2 Location Xb

Through tide measurements Siltprofiler 23 October 2007

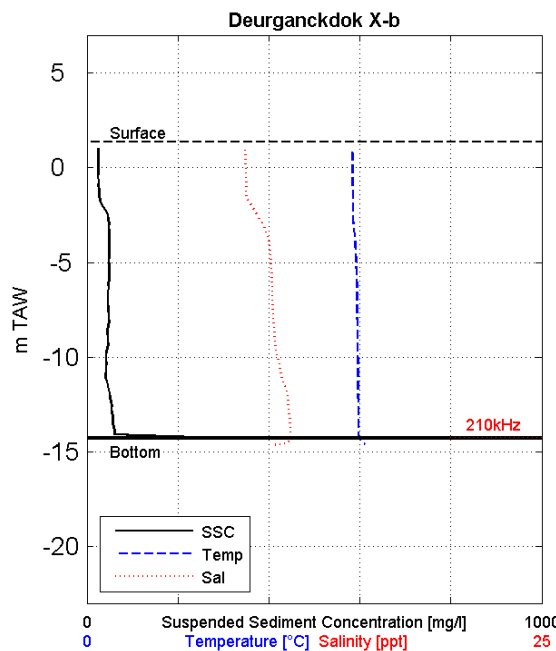
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1004Xb_ctd.sil 1019Xb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:28
 Time after/before HT [MET]: -5:31
 Coordinates [UTM-ED50] Easting: 588594
 Coordinates [UTM-ED50] Northing: 5684412
 Water-Bottom Interface Siltpr. [m TAW]: -14.51
 Waterdepth 210 kHz Echo [m TAW]: -14.34
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.06	14.7	NaN	42
-0.14	14.8	8.9	39
-0.16	14.7	8.8	43
-0.18	14.7	8.9	39
-0.21	14.7	8.8	41
-0.87	14.7	8.9	39
-1.96	14.7	8.8	39
-3.09	14.7	8.9	40
-4.28	14.8	8.9	40
-5.38	14.8	9.0	40
-6.52	14.8	9.0	40
-7.59	14.8	9.0	40
-8.59	14.7	9.0	39
-9.62	14.8	9.1	41
-10.61	14.8	9.3	41
-11.60	14.8	9.9	36
-12.59	14.8	10.5	28
-13.31	14.8	10.8	30
-13.88	14.8	11.3	31
-14.24	14.9	11.5	31
-14.40	14.8	11.6	32
-14.48	14.9	11.6	31
-14.51	14.8	11.6	39

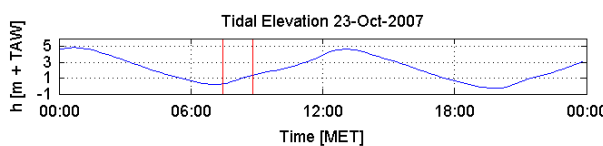
Depth Avg 14.8 9.4 38



Siltprofiler
 Date & Time [MET]: 23/10/2007 08:50
 Time after/before HT [MET]: -4:09
 Coordinates [UTM-ED50] Easting: 588587
 Coordinates [UTM-ED50] Northing: 5684415
 Water-Bottom Interface Siltpr. [m TAW]: -14.31
 Waterdepth 210 kHz Echo [m TAW]: -14.25
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.03	14.5	NaN	24
0.93	14.6	8.7	25
0.91	14.6	8.7	27
0.89	14.5	8.7	26
0.86	14.6	8.7	27
0.35	14.6	8.7	26
-0.50	14.6	8.7	23
-1.52	14.6	8.7	27
-2.48	14.7	9.3	47
-3.53	14.7	9.9	49
-4.50	14.7	10.1	45
-5.36	14.8	10.1	47
-6.26	14.8	10.2	48
-7.07	14.8	10.2	46
-7.95	14.8	10.2	50
-8.89	14.8	10.3	47
-9.81	14.9	10.4	41
-10.58	14.9	10.6	40
-11.51	14.9	10.9	45
-12.44	14.9	11.0	52
-13.27	14.9	11.1	56
-14.06	14.9	11.2	59
-14.31	14.9	11.2	52

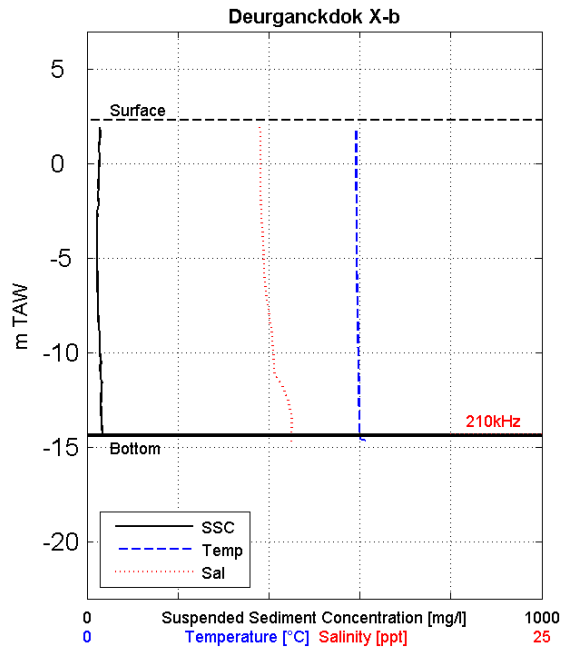
Depth Avg 14.8 10.0 44



Data Processed by: 
 In association with:  
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Through tide measurements Siltprofiler 23 October 2007

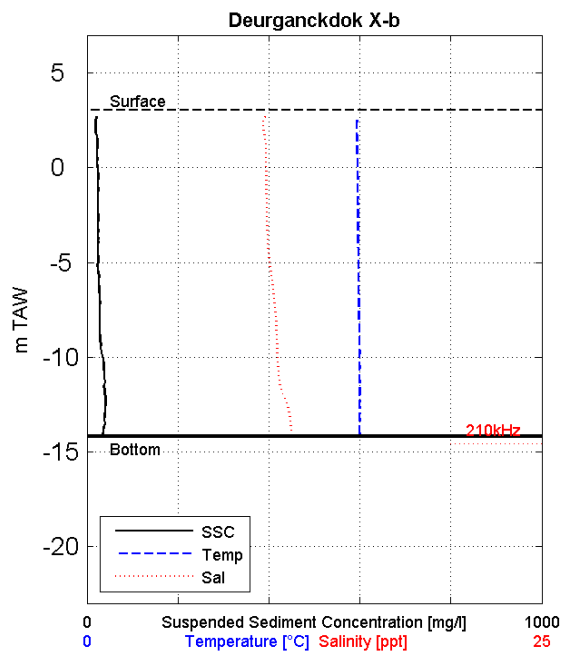
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1035Xb_ctd.sil 1050Xb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:21
 Time after/before HT [MET]: -2:38
 Coordinates [UTM-ED50] Easting: 588587
 Coordinates [UTM-ED50] Northing: 5684409
 Water-Bottom Interface Siltpr. [m TAW]: -14.36
 Waterdepth 210 kHz Echo [m TAW]: -14.28
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.32

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.00	14.8	NaN	28
1.93	14.8	9.5	27
1.90	14.8	9.4	28
1.86	14.8	9.5	26
1.60	14.8	9.5	28
0.79	14.8	9.5	26
-0.22	14.8	9.5	24
-1.19	14.8	9.5	24
-2.15	14.8	9.5	26
-3.14	14.8	9.6	21
-4.05	14.9	9.7	21
-5.00	14.8	9.7	21
-5.92	14.8	9.7	22
-6.76	14.9	9.8	22
-7.68	14.9	10.0	25
-8.57	14.9	10.1	25
-9.39	14.9	10.2	27
-10.50	14.9	10.3	30
-11.48	14.9	10.5	32
-12.46	14.9	11.0	31
-13.47	15.0	11.3	29
-14.28	14.9	11.2	33
-14.36	14.9	11.2	4742

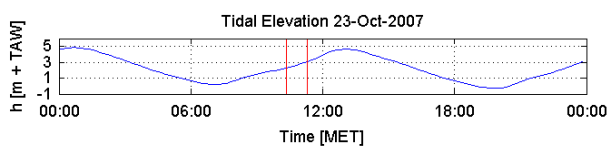
Depth Avg 14.8 10.0 28



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:16
 Time after/before HT [MET]: -1:43
 Coordinates [UTM-ED50] Easting: 588611
 Coordinates [UTM-ED50] Northing: 5684414
 Water-Bottom Interface Siltpr. [m TAW]: -14.18
 Waterdepth 210 kHz Echo [m TAW]: -14.56
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.04

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.75	14.8	9.8	17
2.72	14.9	9.8	22
2.68	14.8	9.8	25
2.64	14.8	9.8	21
2.20	14.8	9.7	18
1.29	14.8	9.8	21
0.37	14.8	9.8	18
-0.70	14.8	9.9	24
-1.81	14.8	9.9	22
-2.86	14.9	9.9	24
-3.79	14.9	9.9	23
-4.66	14.9	10.0	23
-5.63	14.9	10.1	24
-6.58	14.9	10.2	27
-7.46	14.9	10.3	29
-8.35	15.0	10.4	24
-9.15	15.0	10.4	29
-10.18	15.0	10.5	35
-11.23	15.0	10.6	38
-12.25	15.0	10.9	41
-13.19	15.0	11.2	41
-14.07	15.0	11.2	35
-14.18	15.0	11.2	36

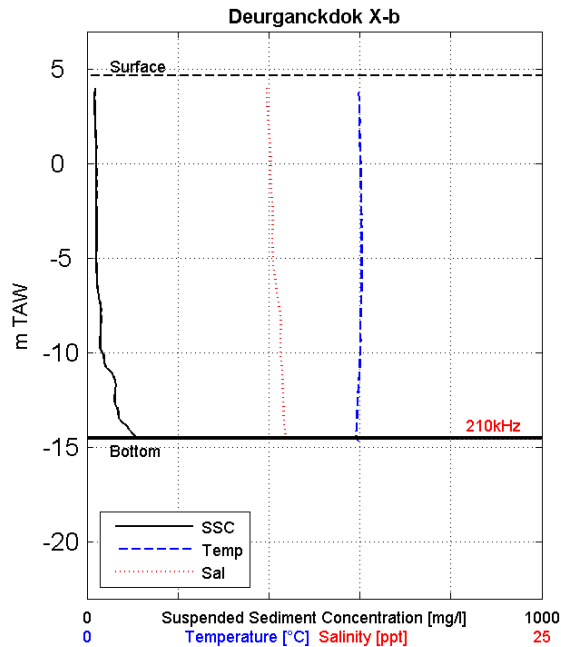
Depth Avg 14.9 10.2 28



Data Processed by: 
 In association with:  
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Through tide measurements Siltprofiler 23 October 2007

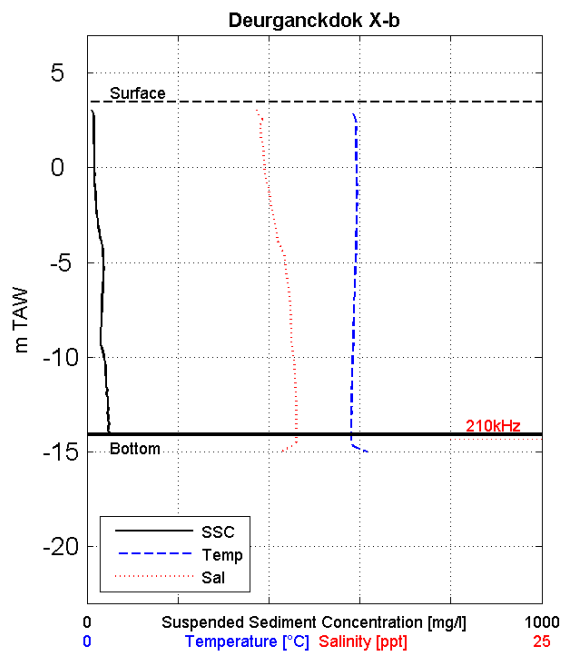
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1067Xb_ctd.sil 1083Xb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 13:05
 Time after/before HT [MET]: 0:05
 Coordinates [UTM-ED50] Easting: 588598
 Coordinates [UTM-ED50] Northing: 5684403
 Water-Bottom Interface Siltpr. [m TAW]: -14.50
 Waterdepth 210 kHz Echo [m TAW]: -14.54
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.66

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.03	14.9	9.9	18
3.94	14.9	9.9	13
3.91	14.9	9.8	18
3.89	15.0	9.9	17
3.87	15.0	9.9	17
3.80	14.9	9.9	17
3.26	14.9	9.9	17
2.34	15.0	9.9	17
0.97	15.0	10.1	19
-0.35	15.1	10.1	20
-1.65	15.1	10.1	21
-2.99	15.1	10.2	18
-4.20	15.1	10.2	19
-5.31	15.1	10.2	21
-6.53	15.1	10.4	21
-7.71	15.0	10.6	30
-8.94	15.0	10.6	28
-10.01	15.0	10.6	35
-11.05	14.9	10.7	59
-12.22	14.9	10.8	62
-13.29	14.8	10.8	69
-14.31	14.8	10.9	103
-14.50	14.8	10.9	594

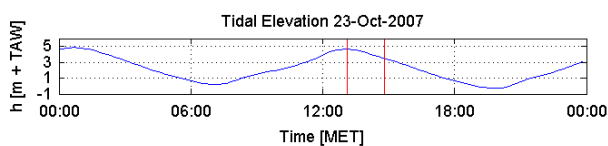
Depth Avg 15.0 10.3 31



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:47
 Time after/before HT [MET]: 1:47
 Coordinates [UTM-ED50] Easting: 588588
 Coordinates [UTM-ED50] Northing: 5684409
 Water-Bottom Interface Siltpr. [m TAW]: -14.11
 Waterdepth 210 kHz Echo [m TAW]: -14.33
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.47

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.05	14.5	9.3	4
2.81	14.7	9.3	14
2.66	14.7	9.6	13
2.61	14.7	9.6	14
2.58	14.8	9.6	16
2.53	14.8	9.6	15
1.90	14.8	9.5	16
0.91	14.8	9.7	15
-0.03	14.8	9.8	17
-1.00	14.8	9.9	18
-2.05	14.8	10.1	19
-3.01	14.8	10.3	26
-4.05	14.8	10.6	34
-5.12	14.8	10.9	35
-6.25	14.7	11.1	34
-7.50	14.7	11.2	33
-8.71	14.7	11.2	24
-9.81	14.6	11.3	35
-10.76	14.6	11.4	41
-11.88	14.5	11.5	41
-13.03	14.5	11.5	48
-14.09	14.5	11.5	43
-14.11	14.5	11.5	6688

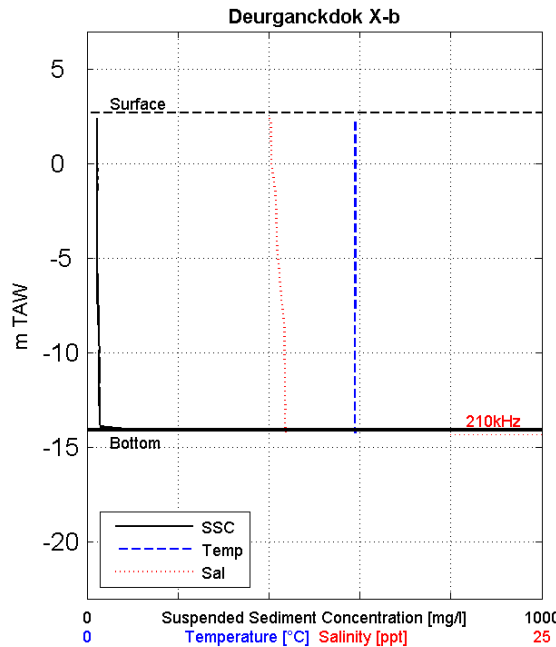
Depth Avg 14.7 10.6 33



Data Processed by: 
 In association with:  
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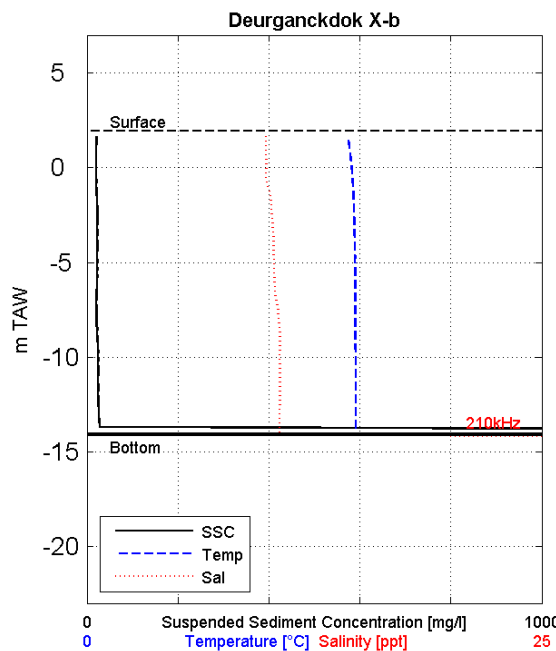
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1098Xb_ctd.sil 1113Xb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:42
 Time after/before HT [MET]: 2:42
 Coordinates [UTM-ED50] Easting: 588583
 Coordinates [UTM-ED50] Northing: 5684408
 Water-Bottom Interface Siltpr. [m TAW]: -14.07
 Waterdepth 210 kHz Echo [m TAW]: -14.30
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.70

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.42	14.7	10.0	21
2.13	14.7	10.1	21
1.33	14.7	10.1	26
0.38	14.8	10.1	21
-0.58	14.8	10.2	22
-1.26	14.8	10.3	22
-1.74	14.8	10.4	21
-2.57	14.7	10.4	21
-3.54	14.7	10.4	21
-4.54	14.7	10.4	21
-5.55	14.8	10.6	22
-6.57	14.8	10.6	23
-7.43	14.8	10.7	24
-8.11	14.8	10.8	25
-8.71	14.7	10.8	26
-9.54	14.7	10.9	26
-10.47	14.7	10.9	27
-11.47	14.7	10.9	27
-12.33	14.7	10.9	26
-13.05	14.7	10.9	30
-13.57	14.7	10.9	28
-14.00	14.7	10.9	265
-14.07	14.7	10.9	1810

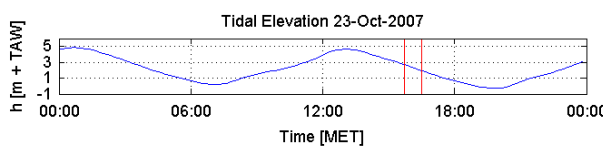
Depth Avg 14.7 10.5 24



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:30
 Time after/before HT [MET]: 3:30
 Coordinates [UTM-ED50] Easting: 588589
 Coordinates [UTM-ED50] Northing: 5684418
 Water-Bottom Interface Siltpr. [m TAW]: -14.08
 Waterdepth 210 kHz Echo [m TAW]: -14.17
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.93

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.65	14.4	9.8	21
0.97	14.4	9.8	19
0.26	14.5	9.8	19
-0.43	14.6	9.8	20
-1.16	14.6	10.0	21
-2.01	14.7	10.1	22
-2.86	14.7	10.2	22
-3.64	14.7	10.2	21
-4.36	14.8	10.3	22
-5.23	14.8	10.3	22
-6.05	14.7	10.3	22
-6.86	14.7	10.4	19
-7.58	14.8	10.5	21
-8.36	14.8	10.6	22
-9.23	14.8	10.6	23
-10.05	14.8	10.6	24
-10.71	14.8	10.6	23
-11.45	14.7	10.6	23
-12.20	14.8	10.6	27
-12.92	14.8	10.6	24
-13.59	14.8	10.5	28
-14.07	14.8	10.6	14245
-14.08	14.8	10.6	15063

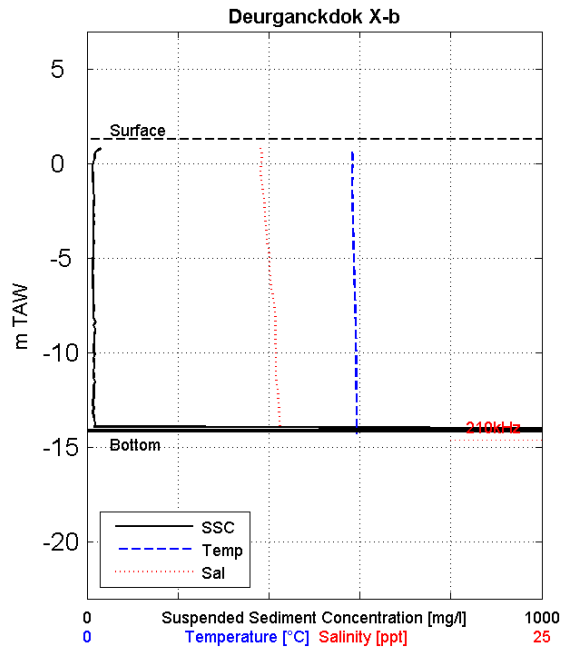
Depth Avg 14.7 10.3 95



Data Processed by: 
 In association with:  
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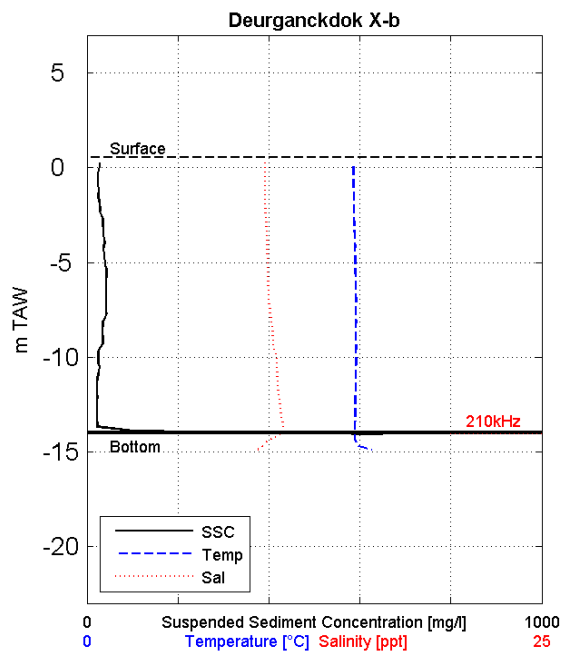
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1128Xb_ctd.sil 1144Xb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:12
 Time after/before HT [MET]: 4:12
 Coordinates [UTM-ED50] Easting: 588596
 Coordinates [UTM-ED50] Northing: 5684413
 Water-Bottom Interface Siltpr. [m TAW]: -14.14
 Waterdepth 210 kHz Echo [m TAW]: -14.62
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.28

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.87	14.5	9.6	27
0.73	14.6	9.5	11
0.69	14.6	9.6	12
0.66	14.6	9.6	12
0.63	14.6	9.6	15
0.33	14.6	9.6	14
-0.24	14.6	9.5	9
-0.93	14.6	9.6	10
-1.72	14.6	9.7	19
-2.74	14.6	9.8	14
-3.95	14.7	9.9	12
-4.99	14.7	10.0	11
-5.87	14.7	10.1	12
-6.75	14.7	10.2	12
-7.60	14.7	10.3	18
-8.65	14.8	10.4	14
-9.70	14.8	10.3	17
-10.57	14.8	10.4	17
-11.47	14.8	10.4	16
-12.43	14.8	10.5	13
-13.26	14.8	10.6	25
-14.13	14.8	10.6	33782
-14.14	14.8	10.6	92

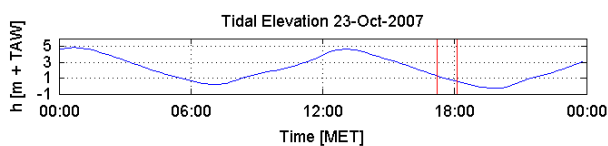
Depth Avg 14.7 10.1 30



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:07
 Time after/before HT [MET]: 5:07
 Coordinates [UTM-ED50] Easting: 588589
 Coordinates [UTM-ED50] Northing: 5684425
 Water-Bottom Interface Siltpr. [m TAW]: -14.02
 Waterdepth 210 kHz Echo [m TAW]: -14.06
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.54

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.25	14.6	9.8	28
-0.38	14.6	9.8	24
-1.07	14.6	9.7	25
-1.85	14.7	9.8	27
-2.76	14.7	9.8	35
-3.67	14.7	9.9	37
-4.49	14.7	9.9	38
-5.28	14.8	9.9	41
-6.00	14.7	9.9	43
-6.79	14.7	10.0	42
-7.51	14.8	10.0	41
-8.31	14.8	10.2	36
-9.15	14.8	10.2	36
-9.98	14.8	10.4	25
-10.70	14.8	10.4	27
-11.40	14.8	10.5	21
-12.00	14.8	10.5	21
-12.53	14.8	10.6	21
-12.91	14.7	10.6	19
-13.24	14.7	10.7	21
-13.56	14.7	10.8	22
-13.98	14.7	10.8	490
-14.02	14.7	10.8	3811

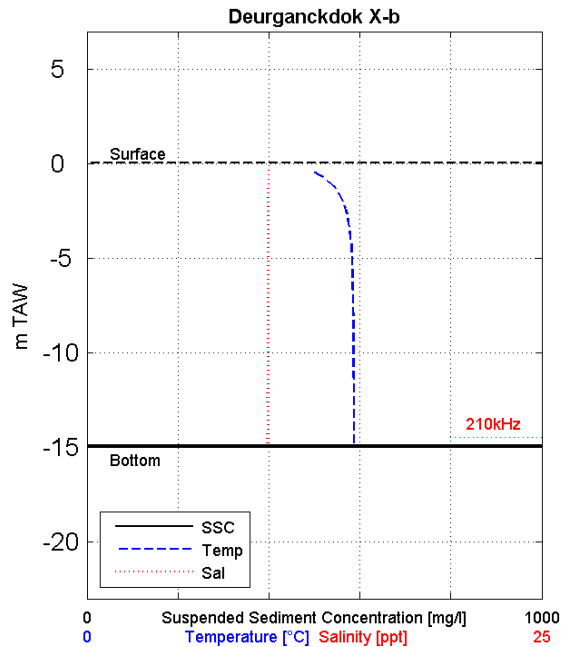
Depth Avg 14.7 10.1 36



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

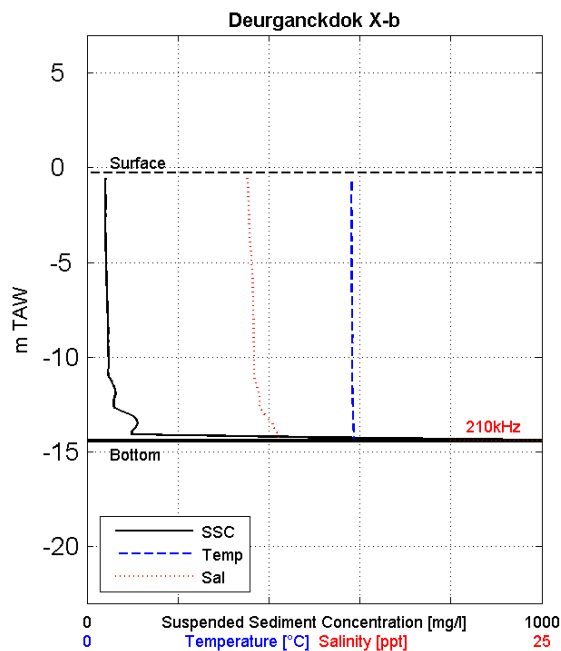
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1159Xb_ctd.sil 1174Xb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:56
 Time after/before HT [MET]: 5:56
 Coordinates [UTM-ED50] Easting: 588600
 Coordinates [UTM-ED50] Northing: 5684408
 Water-Bottom Interface Siltpr. [m TAW]: -14.96
 Waterdepth 210 kHz Echo [m TAW]: -14.46
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.04

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.25	12.3	10.0	NaN
-0.96	13.3	10.0	NaN
-1.69	13.9	10.0	NaN
-2.58	14.3	9.9	NaN
-3.44	14.4	9.9	NaN
-4.42	14.5	9.9	NaN
-5.39	14.6	9.9	NaN
-6.46	14.6	10.0	NaN
-7.36	14.6	9.9	NaN
-8.30	14.7	9.9	NaN
-9.17	14.6	9.9	NaN
-10.05	14.6	9.9	NaN
-10.83	14.7	9.9	NaN
-11.49	14.6	10.0	NaN
-12.08	14.7	9.9	NaN
-12.52	14.6	9.9	NaN
-13.02	14.7	9.9	NaN
-13.57	14.6	9.9	NaN
-14.22	14.6	9.9	NaN
-14.71	14.6	9.9	NaN
-14.86	14.7	9.9	NaN
-14.92	14.7	9.9	NaN
-14.96	14.8	9.8	NaN

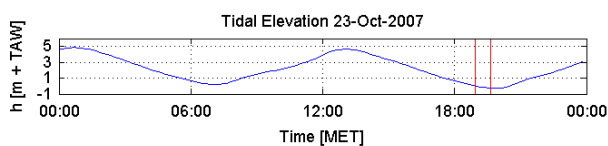
Depth Avg 14.4 9.9 NaN



Siltprofiler
 Date & Time [MET]: 23/10/2007 19:38
 Time after/before HT [MET]: 6:38
 Coordinates [UTM-ED50] Easting: 588599
 Coordinates [UTM-ED50] Northing: 5684415
 Water-Bottom Interface Siltpr. [m TAW]: -14.45
 Waterdepth 210 kHz Echo [m TAW]: -14.36
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.55	14.5	8.8	40
-1.16	14.5	8.8	39
-1.76	14.5	8.9	40
-2.49	14.6	8.9	40
-3.21	14.5	8.9	40
-3.99	14.5	8.9	41
-4.78	14.5	9.0	41
-5.78	14.5	9.1	45
-6.70	14.6	9.1	44
-7.54	14.6	9.1	45
-8.30	14.5	9.2	46
-9.06	14.6	9.2	46
-9.87	14.6	9.2	47
-10.61	14.6	9.2	45
-11.30	14.5	9.3	58
-11.86	14.5	9.4	60
-12.26	14.5	9.5	58
-12.72	14.6	9.6	60
-13.23	14.6	9.9	105
-13.69	14.7	10.3	110
-14.15	14.6	10.5	96
-14.41	14.7	10.6	1077
-14.45	14.7	10.6	808

Depth Avg 14.6 9.2 62

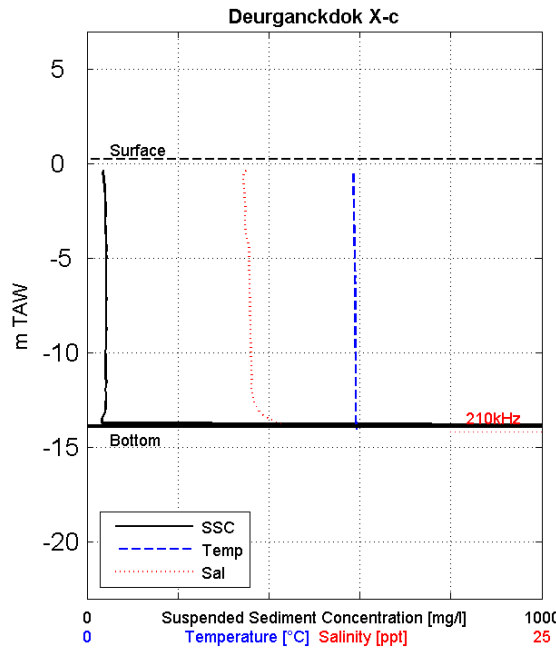


Data Processed by: IMDC
 In association with: w|deltahydraulics GEMS
 I/RA/11283/07.086/MSA

F.3 Location Xc

Through tide measurements Siltprofiler 23 October 2007

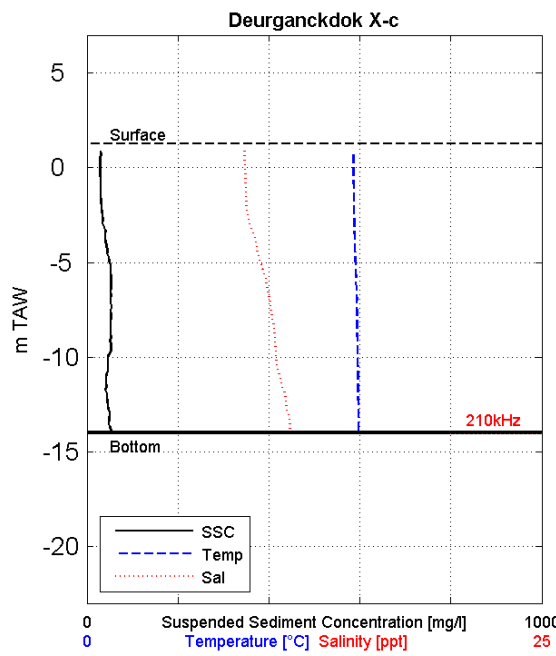
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1003Xc_ctd.sil 1018Xc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:25
 Time after/before HT [MET]: -5:34
 Coordinates [UTM-ED50] Easting: 588631
 Coordinates [UTM-ED50] Northing: 5684488
 Water-Bottom Interface Siltpr. [m TAW]: -13.91
 Waterdepth 210 kHz Echo [m TAW]: -14.16
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.24

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.28	14.6	NaN	37
-0.34	14.6	8.8	37
-0.37	14.7	8.7	35
-0.43	14.6	8.6	36
-0.95	14.6	8.6	36
-1.70	14.6	8.7	39
-2.49	14.7	8.7	41
-3.16	14.7	8.7	41
-3.91	14.7	8.8	41
-4.63	14.7	8.9	39
-5.33	14.7	8.9	41
-6.07	14.7	8.9	42
-6.78	14.7	8.9	41
-7.48	14.8	9.0	43
-8.24	14.8	9.0	40
-9.13	14.8	9.0	41
-9.99	14.8	9.0	40
-10.84	14.7	9.0	42
-11.62	14.8	9.0	44
-12.30	14.8	9.1	41
-13.05	14.7	9.4	40
-13.77	14.8	10.7	34
-13.91	14.8	11.0	25022

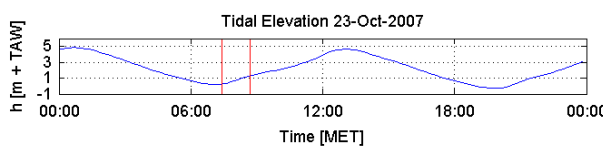
Depth Avg 14.7 8.9 61



Siltprofiler
 Date & Time [MET]: 23/10/2007 08:42
 Time after/before HT [MET]: -4:17
 Coordinates [UTM-ED50] Easting: 588640
 Coordinates [UTM-ED50] Northing: 5684473
 Water-Bottom Interface Siltpr. [m TAW]: -14.00
 Waterdepth 210 kHz Echo [m TAW]: -14.04
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.95	14.6	8.7	29
0.86	14.6	8.7	30
0.83	14.6	8.7	30
0.80	14.6	8.7	30
0.75	14.7	8.7	30
0.46	14.6	8.7	28
-0.36	14.6	8.7	29
-1.33	14.7	8.7	30
-2.39	14.7	8.8	31
-3.35	14.7	9.1	41
-4.24	14.7	9.3	42
-5.16	14.8	9.6	51
-6.06	14.8	9.8	52
-7.05	14.8	10.0	45
-7.89	14.8	10.2	52
-8.72	14.9	10.3	52
-9.56	14.9	10.4	50
-10.46	14.9	10.4	43
-11.35	14.9	10.7	39
-12.29	14.9	10.9	44
-13.07	14.9	11.1	48
-13.84	14.9	11.2	50
-14.00	14.9	11.2	55

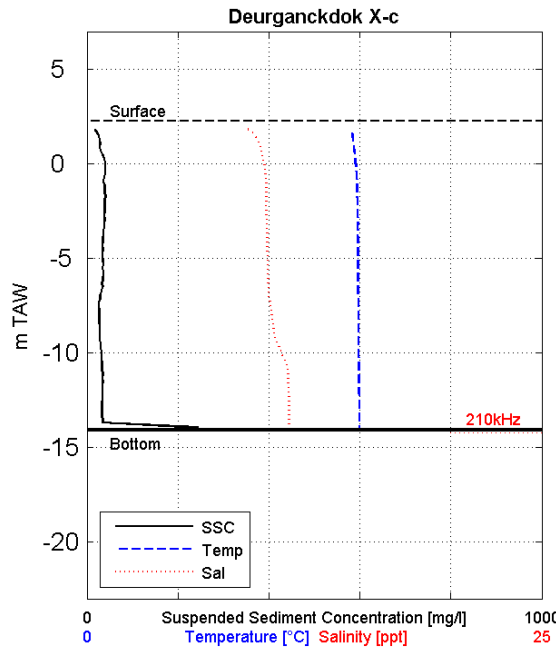
Depth Avg 14.8 9.8 43



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

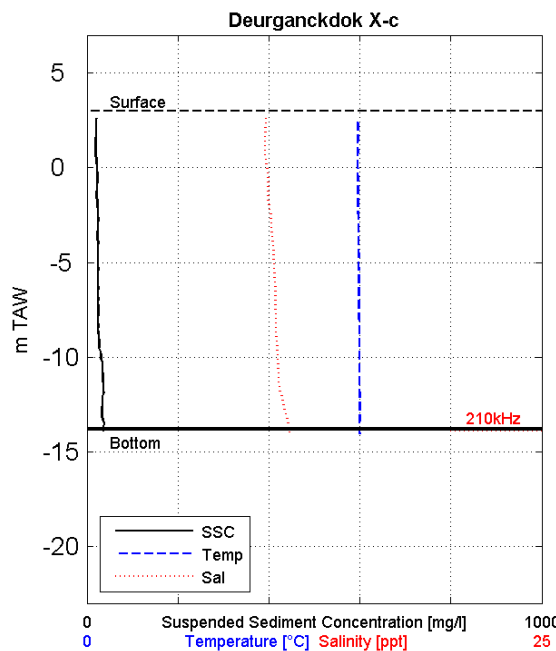
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1034Xc_ctd.sil 1049Xc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:18
 Time after/before HT [MET]: -2:41
 Coordinates [UTM-ED50] Easting: 588625
 Coordinates [UTM-ED50] Northing: 5684496
 Water-Bottom Interface Siltpr. [m TAW]: -14.09
 Waterdepth 210 kHz Echo [m TAW]: -14.21
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.29

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.85	14.4	9.1	19
1.77	14.6	8.8	18
1.74	14.5	9.0	19
1.71	14.5	9.1	19
1.17	14.6	9.4	29
0.08	14.7	9.7	39
-1.12	14.8	9.8	37
-2.26	14.8	9.8	40
-3.35	14.9	9.9	38
-4.60	14.9	9.9	34
-5.83	14.9	9.9	35
-6.95	14.9	10.0	27
-8.06	14.9	10.2	26
-9.22	14.9	10.3	25
-10.33	14.9	10.9	32
-11.34	14.9	11.1	34
-12.31	15.0	11.1	33
-13.42	15.0	11.1	35
-13.96	14.9	11.1	31
-13.98	14.9	11.1	53
-14.01	15.0	11.1	94
-14.05	15.0	11.1	169
-14.09	14.9	11.1	192

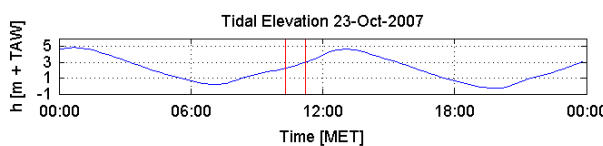
Depth Avg 14.9 10.2 35



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:13
 Time after/before HT [MET]: -1:46
 Coordinates [UTM-ED50] Easting: 588634
 Coordinates [UTM-ED50] Northing: 5684481
 Water-Bottom Interface Siltpr. [m TAW]: -13.83
 Waterdepth 210 kHz Echo [m TAW]: -13.92
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.98

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.67	14.9	NaN	20
2.61	14.8	9.8	20
2.59	14.9	9.8	21
2.57	14.9	9.8	19
2.56	14.9	9.8	21
2.54	14.9	9.8	22
2.51	14.9	9.8	19
2.07	14.9	9.8	20
1.29	14.9	9.8	19
0.39	14.9	9.8	22
-0.65	14.9	9.9	23
-1.99	14.9	10.0	23
-3.36	14.9	10.2	23
-4.70	14.9	10.3	24
-5.96	14.9	10.3	24
-7.21	14.9	10.3	24
-8.32	14.9	10.4	23
-9.30	15.0	10.4	29
-10.48	15.0	10.5	33
-11.64	15.0	10.6	36
-12.76	15.0	10.9	35
-13.80	14.9	11.1	36
-13.83	15.0	11.1	40

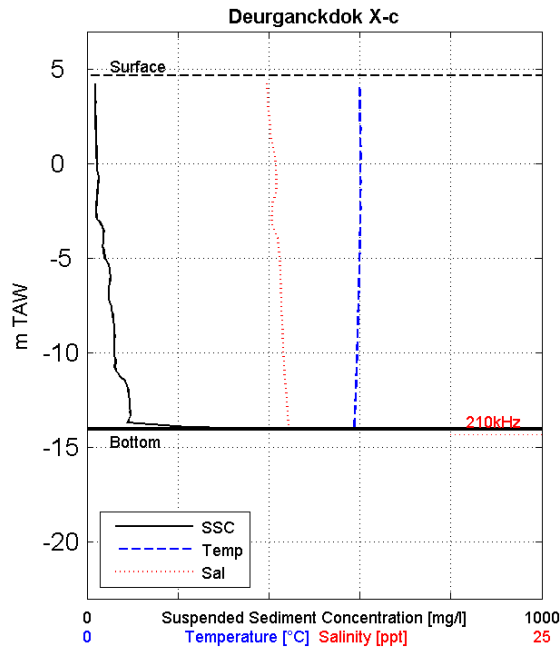
Depth Avg 14.9 10.3 25



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

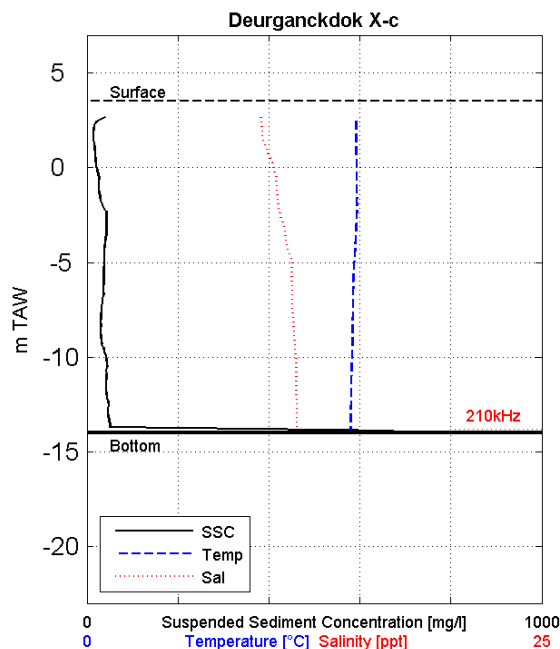
Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1066Xc_ctd.sil 1082Xc_ctd.sil	Location: Deurganckdok



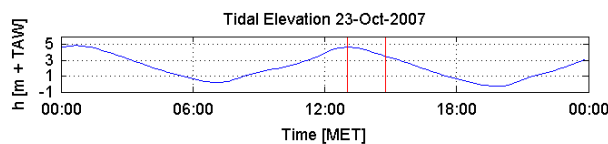
Siltprofiler
 Date & Time [MET]: 23/10/2007 13:01
 Time after/before HT [MET]: 0:01
 Coordinates [UTM-ED50] Easting: 588630
 Coordinates [UTM-ED50] Northing: 5684487
 Water-Bottom Interface Siltpr. [m TAW]: -14.01
 Waterdepth 210 kHz Echo [m TAW]: -14.34
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.66

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.35	14.9	NaN	17
4.25	15.0	9.9	19
4.21	15.0	9.9	17
4.18	15.0	9.9	17
4.14	15.0	9.9	19
4.11	15.0	9.9	17
4.08	14.9	9.9	18
4.04	15.0	9.9	19
3.31	15.0	9.9	18
2.05	15.0	10.0	19
0.28	15.1	10.4	20
-1.30	15.0	10.4	23
-2.96	15.0	10.1	21
-4.31	15.0	10.5	34
-5.87	14.9	10.6	50
-7.29	14.9	10.7	51
-8.67	14.9	10.7	58
-10.02	14.8	10.8	58
-11.35	14.8	10.9	74
-12.77	14.7	11.0	95
-13.87	14.7	11.1	77
-14.01	14.7	11.1	204
Depth Avg	14.9	10.5	45



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:45
 Time after/before HT [MET]: 1:45
 Coordinates [UTM-ED50] Easting: 588641
 Coordinates [UTM-ED50] Northing: 5684490
 Water-Bottom Interface Siltpr. [m TAW]: -13.98
 Waterdepth 210 kHz Echo [m TAW]: -13.80
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.50

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.77	14.8	9.5	37
2.06	14.8	9.6	14
1.23	14.8	9.8	14
0.36	14.8	10.2	17
-0.48	14.8	10.4	24
-1.37	14.8	10.4	26
-2.28	14.8	10.6	43
-3.06	14.8	10.8	43
-3.77	14.7	10.9	41
-4.61	14.7	11.2	37
-5.49	14.7	11.2	37
-6.42	14.6	11.3	34
-7.44	14.6	11.3	30
-8.29	14.6	11.3	30
-9.15	14.5	11.4	31
-9.98	14.6	11.5	43
-10.82	14.5	11.5	44
-11.72	14.5	11.5	41
-12.61	14.5	11.5	46
-13.39	14.5	11.5	49
-13.86	14.5	11.5	93
-13.94	14.5	11.5	934
-13.98	14.5	11.5	1938
Depth Avg	14.7	10.9	38



Data Processed by:



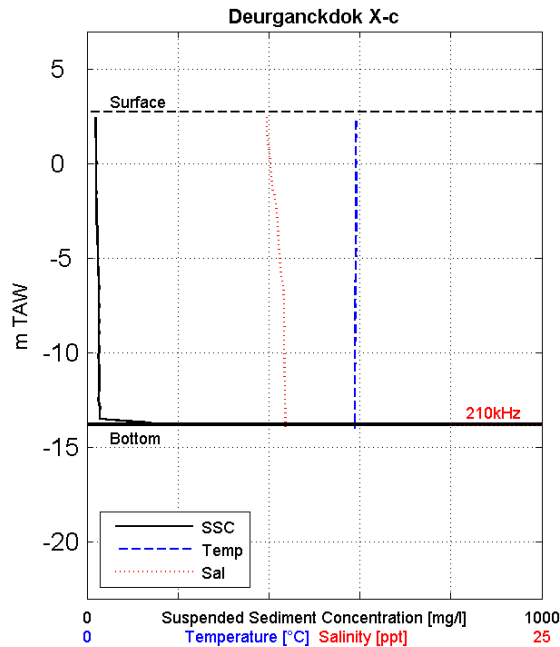
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

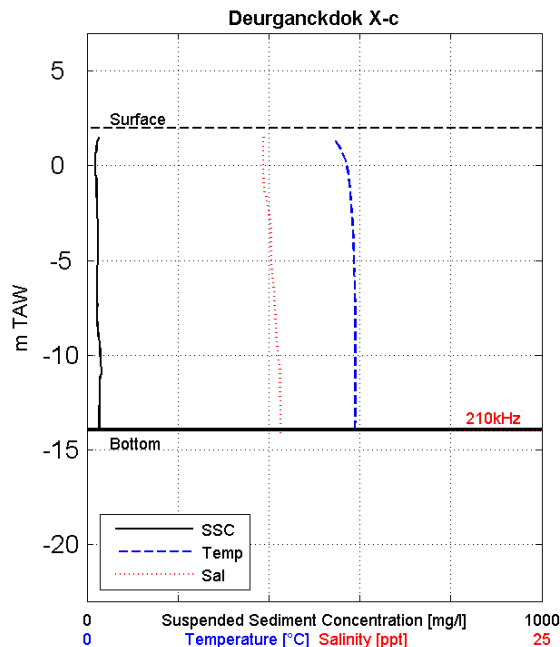
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1097Xc_ctd.sil 1112Xc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:39
 Time after/before HT [MET]: 2:39
 Coordinates [UTM-ED50] Easting: 588636
 Coordinates [UTM-ED50] Northing: 5684477
 Water-Bottom Interface Siltpr. [m TAW]: -13.80
 Waterdepth 210 kHz Echo [m TAW]: -13.85
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.75

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.47	14.8	9.9	19
1.90	14.8	9.8	19
1.05	14.8	9.9	18
0.30	14.7	10.0	19
-0.46	14.8	10.1	19
-1.31	14.8	10.2	21
-2.13	14.8	10.4	21
-2.98	14.8	10.4	21
-3.79	14.8	10.5	22
-4.67	14.7	10.5	23
-5.54	14.8	10.6	25
-6.46	14.7	10.8	28
-7.26	14.7	10.8	26
-8.05	14.7	10.8	26
-8.83	14.8	10.8	28
-9.60	14.7	10.8	24
-10.37	14.7	10.9	26
-11.03	14.8	10.9	27
-11.57	14.7	10.9	28
-12.24	14.7	10.9	25
-12.95	14.7	10.9	28
-13.71	14.7	10.9	31
-13.80	14.7	10.9	25

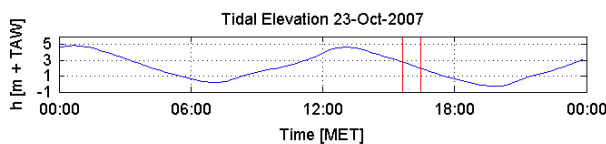
Depth Avg 14.7 10.5 24



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:26
 Time after/before HT [MET]: 3:26
 Coordinates [UTM-ED50] Easting: 588640
 Coordinates [UTM-ED50] Northing: 5684479
 Water-Bottom Interface Siltpr. [m TAW]: -13.95
 Waterdepth 210 kHz Echo [m TAW]: -14.02
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.98

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.55	13.5	9.7	27
1.02	13.8	9.7	21
0.44	14.2	9.7	19
-0.26	14.3	9.7	21
-1.06	14.5	9.7	21
-1.87	14.5	9.9	21
-2.74	14.6	10.0	23
-3.63	14.6	10.1	23
-4.53	14.7	10.1	23
-5.28	14.7	10.1	22
-6.05	14.7	10.2	23
-6.75	14.7	10.3	16
-7.41	14.7	10.3	21
-8.15	14.8	10.3	22
-8.96	14.7	10.4	24
-9.80	14.8	10.5	30
-10.51	14.8	10.6	31
-11.16	14.8	10.6	28
-11.82	14.7	10.6	27
-12.50	14.8	10.6	26
-13.19	14.8	10.6	28
-13.93	14.7	10.6	27
-13.95	14.7	10.6	27

Depth Avg 14.6 10.2 24



Data Processed by:



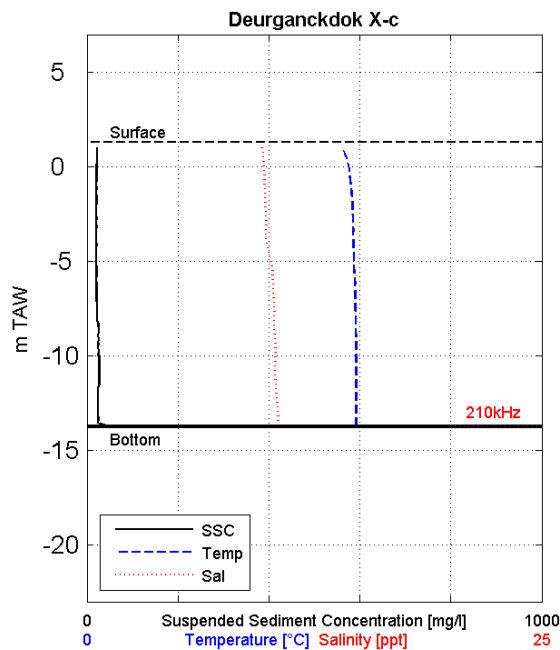
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

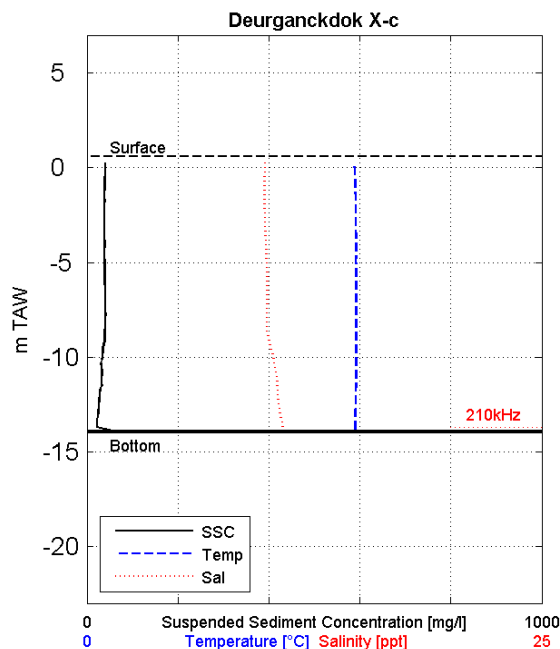
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1127Xc_ctd.sil 1143Xc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:10
 Time after/before HT [MET]: 4:10
 Coordinates [UTM-ED50] Easting: 588634
 Coordinates [UTM-ED50] Northing: 5684486
 Water-Bottom Interface Siltpr. [m TAW]: -13.74
 Waterdepth 210 kHz Echo [m TAW]: -13.68
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.32

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.03	14.4	9.6	21
0.59	14.2	9.7	21
-0.03	14.4	9.7	21
-0.88	14.5	9.8	21
-1.54	14.5	9.8	21
-2.24	14.6	9.8	19
-3.08	14.6	9.8	21
-3.84	14.6	9.8	19
-4.64	14.7	10.0	21
-5.39	14.7	10.2	19
-6.08	14.7	10.2	19
-6.68	14.7	10.2	21
-7.30	14.8	10.3	22
-7.95	14.8	10.3	21
-8.65	14.8	10.3	24
-9.46	14.8	10.3	24
-10.20	14.8	10.3	27
-10.99	14.8	10.3	28
-11.65	14.8	10.4	22
-12.36	14.8	10.4	24
-13.03	14.8	10.5	23
-13.71	14.8	10.5	26
-13.74	14.8	10.5	179

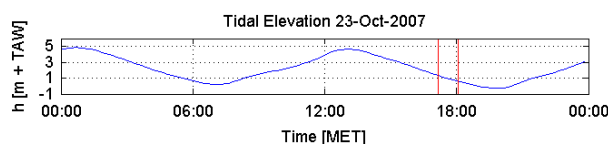
Depth Avg 14.7 10.1 22



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:05
 Time after/before HT [MET]: 5:05
 Coordinates [UTM-ED50] Easting: 588642
 Coordinates [UTM-ED50] Northing: 5684491
 Water-Bottom Interface Siltpr. [m TAW]: -13.95
 Waterdepth 210 kHz Echo [m TAW]: -13.73
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.57

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.29	14.7	9.8	40
-0.27	14.7	9.7	40
-0.80	14.8	9.8	39
-1.40	14.7	9.7	37
-2.17	14.8	9.8	37
-2.97	14.8	9.8	37
-3.89	14.8	9.8	39
-4.81	14.8	9.9	37
-5.72	14.8	9.9	37
-6.54	14.8	9.9	39
-7.29	14.8	9.9	39
-7.96	14.8	9.8	40
-8.60	14.8	9.9	39
-9.33	14.8	10.1	37
-10.20	14.8	10.3	31
-11.01	14.8	10.4	28
-11.76	14.8	10.5	27
-12.47	14.8	10.5	26
-13.03	14.8	10.6	24
-13.66	14.7	10.7	22
-13.89	14.7	10.8	22
-13.93	14.7	10.8	195
-13.95	14.7	10.8	58

Depth Avg 14.8 10.0 35



Data Processed by:



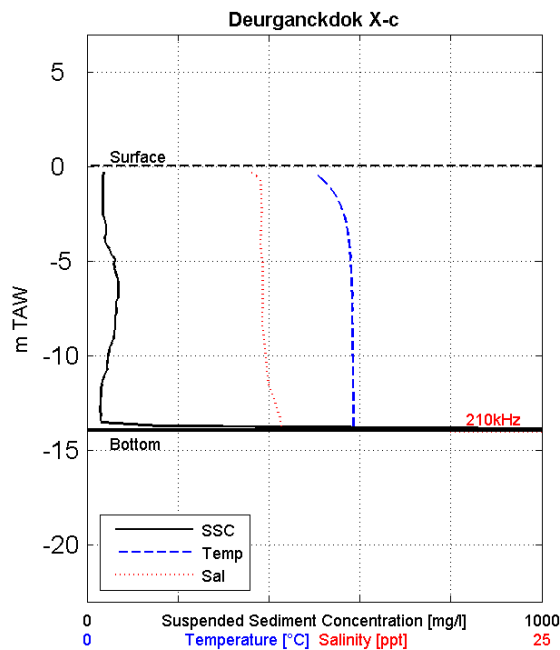
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

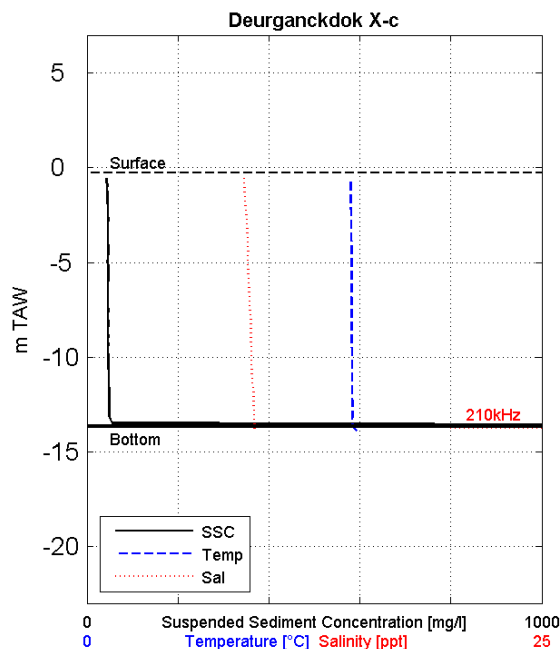
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1158Xc_ctd.sil 1173Xc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:54
 Time after/before HT [MET]: 5:54
 Coordinates [UTM-ED50] Easting: 588640
 Coordinates [UTM-ED50] Northing: 5684504
 Water-Bottom Interface Siltpr. [m TAW]: -13.95
 Waterdepth 210 kHz Echo [m TAW]: -14.04
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.06

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.24	12.4	8.9	36
-0.91	13.2	9.5	35
-1.63	13.8	9.6	35
-2.39	14.1	9.6	35
-3.17	14.3	9.6	40
-3.98	14.4	9.5	36
-4.77	14.5	9.6	55
-5.46	14.5	9.7	59
-6.29	14.5	9.7	69
-7.06	14.6	9.7	66
-7.81	14.6	9.6	64
-8.61	14.6	9.7	61
-9.36	14.6	9.8	53
-10.01	14.6	9.8	45
-10.59	14.6	9.9	46
-11.37	14.6	9.9	32
-12.11	14.7	10.2	30
-12.87	14.6	10.5	29
-13.55	14.6	10.6	31
-13.83	14.7	10.7	1293
-13.88	14.7	10.7	798
-13.94	14.7	10.7	1479
-13.95	14.6	10.7	2417

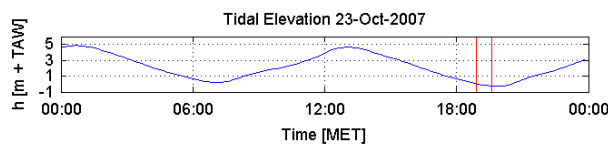
Depth Avg 14.3 9.8 55



Siltprofiler
 Date & Time [MET]: 23/10/2007 19:35
 Time after/before HT [MET]: 6:35
 Coordinates [UTM-ED50] Easting: 588637
 Coordinates [UTM-ED50] Northing: 5684477
 Water-Bottom Interface Siltpr. [m TAW]: -13.64
 Waterdepth 210 kHz Echo [m TAW]: -13.75
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.25

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.53	14.4	8.6	29
-0.57	14.4	8.6	41
-0.77	14.5	8.6	43
-1.29	14.5	8.7	45
-1.91	14.5	8.7	42
-2.60	14.5	8.8	47
-3.29	14.5	8.8	47
-3.92	14.5	8.8	45
-4.57	14.5	8.8	44
-5.20	14.5	8.8	47
-5.91	14.6	8.9	49
-6.65	14.5	8.9	45
-7.34	14.6	8.9	45
-8.05	14.5	9.0	47
-8.71	14.6	9.0	46
-9.51	14.6	9.0	47
-10.17	14.6	9.0	47
-10.93	14.6	9.1	46
-11.67	14.6	9.1	47
-12.38	14.6	9.2	50
-12.99	14.6	9.2	49
-13.52	14.6	9.2	58
-13.64	14.6	9.2	105

Depth Avg 14.5 8.9 54



Data Processed by:



In association with:

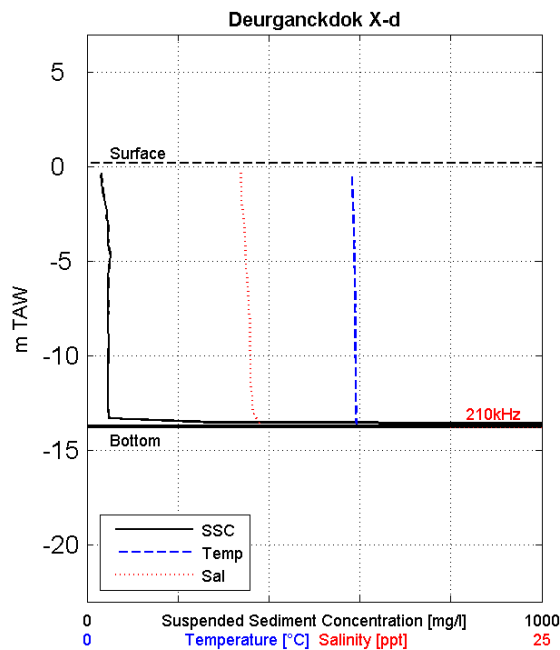


I/RA/11283/07.086/MSA

F.4 Location Xd

Through tide measurements Siltprofiler 23 October 2007

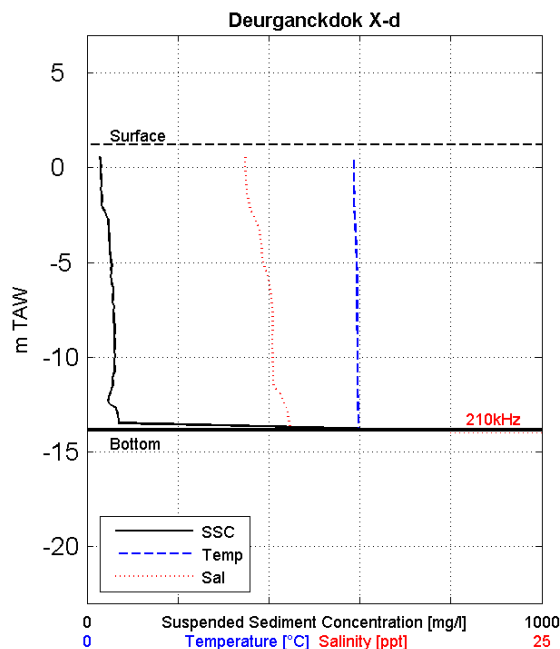
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1002Xd_ctd.sil 1017Xd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:21
 Time after/before HT [MET]: -5:38
 Coordinates [UTM-ED50] Easting: 588692
 Coordinates [UTM-ED50] Northing: 5684560
 Water-Bottom Interface Siltpr. [m TAW]: -13.75
 Waterdepth 210 kHz Echo [m TAW]: -13.79
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.21

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.23	14.6	NaN	32
-0.32	14.6	8.4	31
-0.36	14.6	8.4	34
-0.56	14.5	8.5	33
-1.25	14.6	8.5	34
-2.07	14.6	8.5	41
-3.20	14.6	8.6	48
-4.40	14.7	8.7	51
-5.62	14.7	8.8	44
-6.63	14.7	8.8	45
-7.81	14.8	8.9	44
-8.87	14.7	9.0	48
-9.89	14.7	8.9	48
-10.85	14.7	9.0	47
-11.81	14.8	9.0	46
-12.82	14.8	9.1	47
-13.62	14.8	9.5	3584
-13.65	14.8	9.6	2502
-13.67	14.8	9.6	1702
-13.69	14.8	9.6	1577
-13.71	14.8	9.6	1366
-13.73	14.8	9.7	4038
-13.75	14.8	9.7	4382

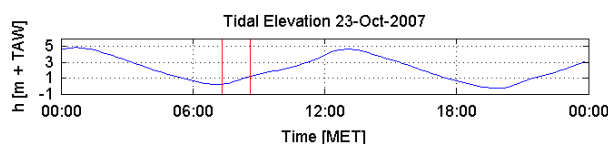
Depth Avg 14.7 8.8 62



Siltprofiler
 Date & Time [MET]: 23/10/2007 08:37
 Time after/before HT [MET]: -4:22
 Coordinates [UTM-ED50] Easting: 588675
 Coordinates [UTM-ED50] Northing: 5684557
 Water-Bottom Interface Siltpr. [m TAW]: -13.87
 Waterdepth 210 kHz Echo [m TAW]: -13.99
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.21

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.61	14.6	NaN	28
0.54	14.6	8.7	30
0.40	14.6	8.7	28
-0.42	14.6	8.7	32
-1.32	14.7	8.8	32
-2.41	14.7	9.1	41
-3.58	14.8	9.5	50
-4.74	14.8	9.6	52
-5.77	14.8	9.9	51
-6.87	14.9	10.1	56
-7.86	14.8	10.2	59
-8.82	14.9	10.2	60
-9.74	14.8	10.2	60
-10.75	14.8	10.2	60
-11.68	14.9	10.4	54
-12.50	14.9	10.9	48
-13.35	14.9	11.1	73
-13.74	14.9	11.1	707
-13.76	14.9	11.1	695
-13.79	14.9	11.1	702
-13.82	14.9	11.1	1187
-13.84	14.9	11.1	759
-13.87	14.9	11.1	692

Depth Avg 14.8 9.8 57



Data Processed by:



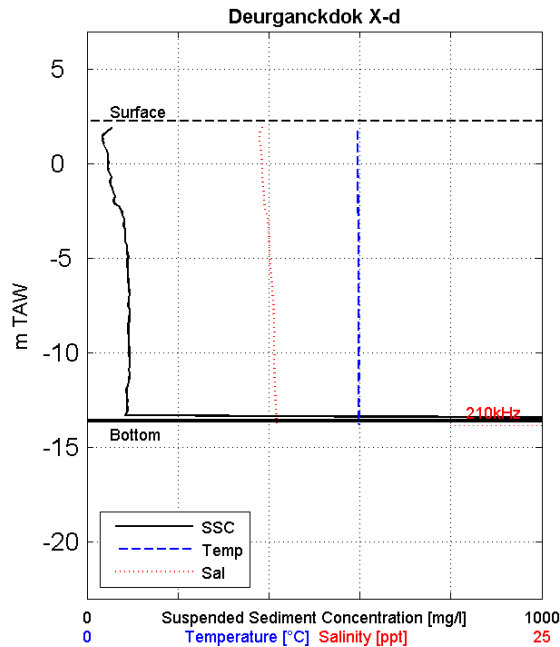
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

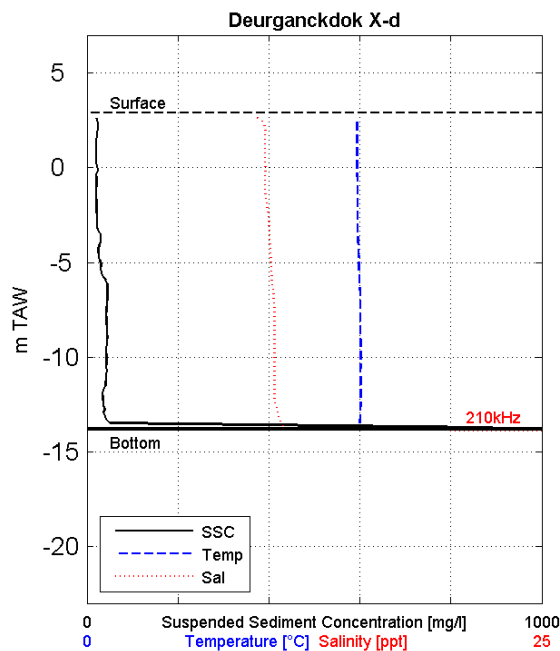
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1033Xd_ctd.sil 1048Xd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:15
 Time after/before HT [MET]: -2:44
 Coordinates [UTM-ED50] Easting: 588691
 Coordinates [UTM-ED50] Northing: 5684557
 Water-Bottom Interface Siltpr. [m TAW]: -13.60
 Waterdepth 210 kHz Echo [m TAW]: -13.85
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.25

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.97	14.8	9.7	58
1.94	14.9	9.6	56
1.89	14.9	9.6	41
1.46	14.8	9.5	34
0.68	14.8	9.5	45
-0.28	14.9	9.6	47
-1.09	14.9	9.7	52
-1.99	14.9	9.7	59
-2.88	14.9	9.9	82
-3.85	14.9	10.0	84
-4.73	14.9	10.0	88
-5.57	14.9	10.1	89
-6.43	14.9	10.2	91
-7.29	14.9	10.2	93
-8.09	14.9	10.3	94
-8.84	15.0	10.3	92
-9.64	14.9	10.3	92
-10.49	15.0	10.3	92
-11.28	14.9	10.3	94
-12.17	14.9	10.3	88
-12.92	14.9	10.4	88
-13.59	14.9	10.4	135
-13.60	14.9	10.4	99

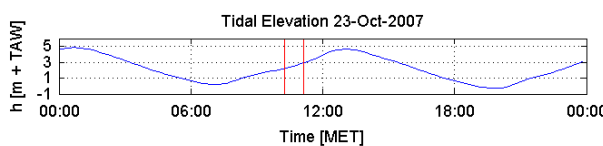
Depth Avg 14.9 10.0 91



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:08
 Time after/before HT [MET]: -1:51
 Coordinates [UTM-ED50] Easting: 588690
 Coordinates [UTM-ED50] Northing: 5684558
 Water-Bottom Interface Siltpr. [m TAW]: -13.83
 Waterdepth 210 kHz Echo [m TAW]: -13.89
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.91

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.62	14.6	9.3	8
2.57	14.8	9.4	20
2.41	14.9	9.6	24
1.48	14.8	9.7	18
0.34	14.8	9.8	19
-0.91	14.8	9.8	20
-2.18	14.9	9.9	19
-3.47	14.9	10.0	30
-4.67	14.9	10.1	26
-5.79	15.0	10.1	37
-6.93	15.0	10.3	43
-8.07	15.0	10.3	39
-9.19	15.0	10.3	43
-10.21	15.0	10.3	41
-11.27	15.0	10.3	37
-12.27	15.0	10.3	34
-13.40	15.0	10.7	45
-13.68	15.0	10.8	883
-13.70	14.9	10.8	1227
-13.73	14.9	10.8	1190
-13.75	15.0	10.9	1016
-13.83	15.0	10.9	1297

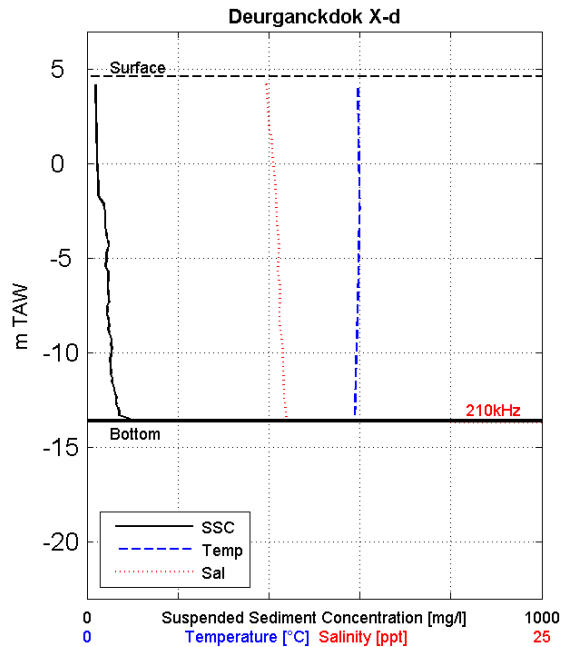
Depth Avg 14.9 10.1 43



Data Processed by: **IMDC**
 In association with: **GEMS**
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

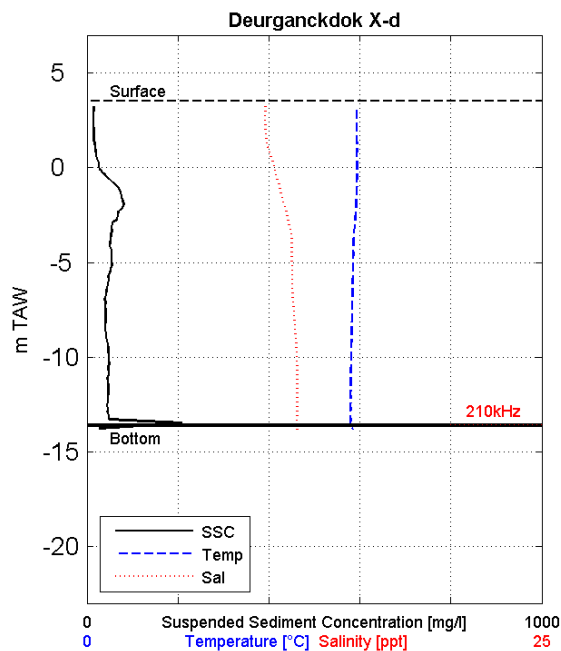
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1063Xd_ctd.sil 1081Xd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 12:46
 Time after/before HT [MET]: -0:13
 Coordinates [UTM-ED50] Easting: 588690
 Coordinates [UTM-ED50] Northing: 5684558
 Water-Bottom Interface Siltpr. [m TAW]: -13.58
 Waterdepth 210 kHz Echo [m TAW]: -13.70
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.60

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.24	14.9	NaN	19
4.17	14.9	10.0	19
4.14	14.9	9.9	20
4.11	14.9	9.9	19
4.07	14.9	9.9	19
3.17	14.9	9.9	17
1.95	14.9	10.0	21
0.78	14.9	10.2	22
-0.44	14.9	10.3	23
-1.65	15.0	10.4	24
-2.96	14.9	10.4	38
-4.25	14.9	10.5	47
-5.37	14.9	10.5	40
-6.58	14.9	10.6	45
-7.81	14.9	10.6	45
-8.95	14.9	10.7	50
-9.95	14.8	10.8	54
-11.07	14.7	10.8	52
-12.19	14.7	10.8	62
-13.18	14.7	10.9	70
-13.47	14.7	11.0	67
-13.53	14.7	11.0	72
-13.58	14.6	11.0	60

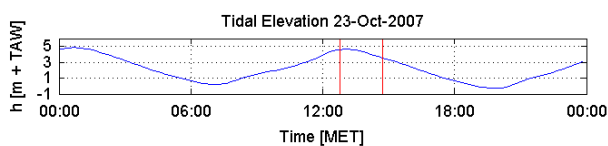
Depth Avg 14.9 10.4 39



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:42
 Time after/before HT [MET]: 1:42
 Coordinates [UTM-ED50] Easting: 588681
 Coordinates [UTM-ED50] Northing: 5684574
 Water-Bottom Interface Siltpr. [m TAW]: -13.60
 Waterdepth 210 kHz Echo [m TAW]: -13.56
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.54

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.24	14.8	9.8	13
3.10	14.8	9.8	16
3.07	14.8	9.8	12
3.03	14.8	9.8	15
2.73	14.8	9.8	13
1.98	14.8	9.8	14
1.10	14.8	9.9	17
0.13	14.8	10.3	24
-1.00	14.8	10.6	66
-2.13	14.8	10.9	79
-3.14	14.7	11.1	54
-4.08	14.6	11.3	48
-5.01	14.6	11.2	55
-6.04	14.6	11.3	46
-7.11	14.6	11.3	42
-8.01	14.6	11.4	41
-8.83	14.5	11.4	41
-9.72	14.5	11.5	48
-10.75	14.5	11.5	47
-11.74	14.5	11.5	46
-12.68	14.5	11.5	44
-13.52	14.5	11.5	51
-13.60	14.5	11.5	46

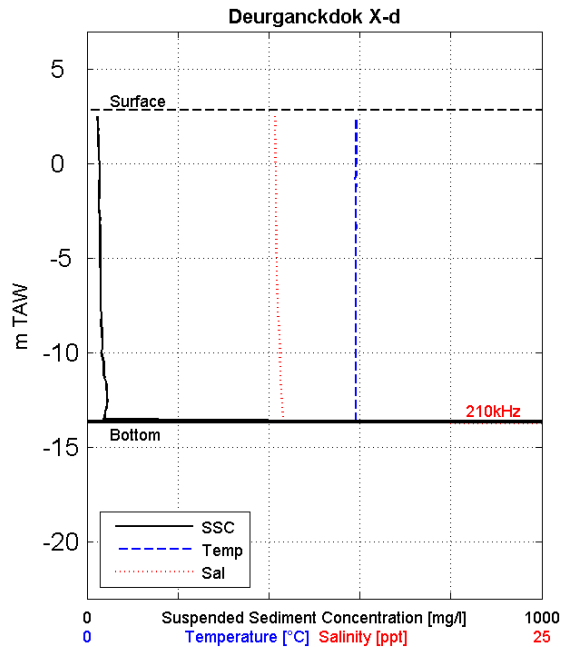
Depth Avg 14.6 11.0 44



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

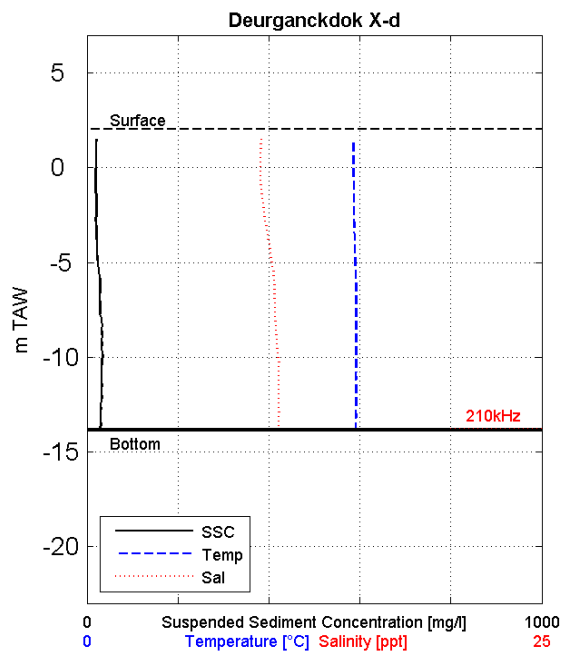
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1096Xd_ctd.sil 1111Xd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:32
 Time after/before HT [MET]: 2:32
 Coordinates [UTM-ED50] Easting: 588678
 Coordinates [UTM-ED50] Northing: 5684564
 Water-Bottom Interface Siltpr. [m TAW]: -13.64
 Waterdepth 210 kHz Echo [m TAW]: -13.76
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.84

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.56	14.7	10.3	23
2.49	14.8	10.3	23
1.98	14.8	10.3	23
1.30	14.8	10.3	24
0.61	14.8	10.4	26
-0.09	14.8	10.4	29
-0.76	14.8	10.4	28
-1.61	14.8	10.4	27
-2.58	14.8	10.4	27
-3.49	14.8	10.4	35
-4.41	14.8	10.4	28
-5.23	14.8	10.4	28
-6.01	14.8	10.4	30
-6.81	14.8	10.4	29
-7.62	14.7	10.5	30
-8.51	14.8	10.5	30
-9.35	14.8	10.6	31
-10.10	14.8	10.6	31
-10.86	14.8	10.6	37
-11.74	14.8	10.6	47
-12.53	14.7	10.7	45
-13.41	14.7	10.8	38
-13.64	14.8	10.8	25

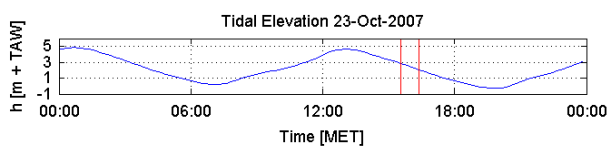
Depth Avg 14.8 10.5 34



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:23
 Time after/before HT [MET]: 3:23
 Coordinates [UTM-ED50] Easting: 588676
 Coordinates [UTM-ED50] Northing: 5684563
 Water-Bottom Interface Siltpr. [m TAW]: -13.86
 Waterdepth 210 kHz Echo [m TAW]: -13.77
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.03

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.58	14.6	9.6	19
1.51	14.6	9.6	22
1.48	14.7	9.6	20
1.45	14.7	9.6	21
1.08	14.6	9.5	18
0.24	14.7	9.5	18
-0.63	14.6	9.5	19
-1.45	14.7	9.6	18
-2.40	14.7	9.7	19
-3.34	14.6	9.9	21
-4.26	14.7	10.0	22
-5.15	14.8	10.2	22
-5.99	14.8	10.3	29
-6.85	14.8	10.3	27
-7.75	14.8	10.3	29
-8.72	14.8	10.4	32
-9.64	14.8	10.5	35
-10.53	14.8	10.5	31
-11.40	14.8	10.6	33
-12.27	14.8	10.6	36
-13.10	14.8	10.5	30
-13.82	14.8	10.5	28
-13.86	14.8	10.5	30

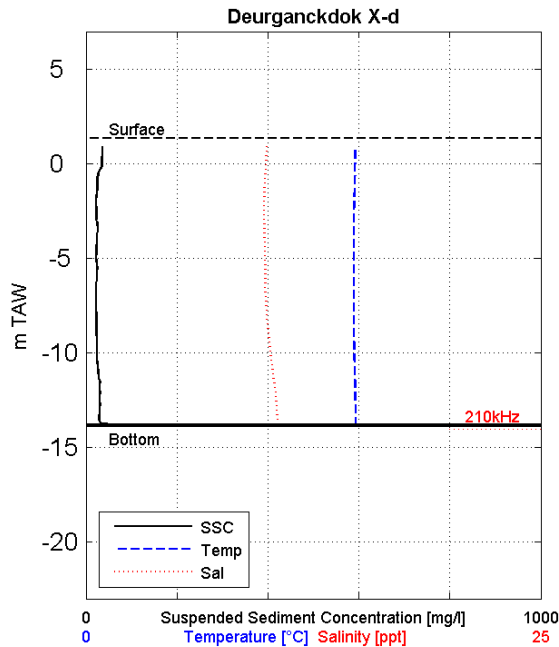
Depth Avg 14.7 10.1 26



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

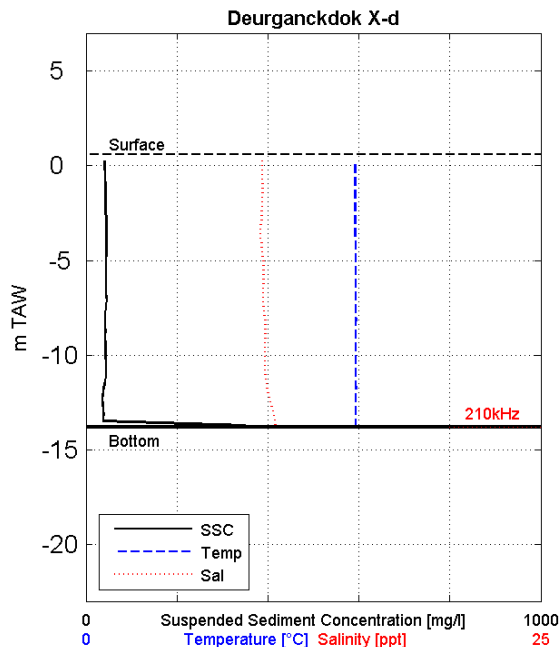
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1126Xd_ctd.sil 1142Xd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:07
 Time after/before HT [MET]: 4:07
 Coordinates [UTM-ED50] Easting: 588690
 Coordinates [UTM-ED50] Northing: 5684575
 Water-Bottom Interface Siltpr. [m TAW]: -13.84
 Waterdepth 210 kHz Echo [m TAW]: -14.05
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.00	14.8	9.9	35
0.26	14.8	9.9	36
-0.49	14.8	9.8	26
-1.22	14.7	9.8	24
-2.11	14.7	9.8	21
-2.93	14.8	9.8	22
-3.72	14.7	9.8	23
-4.62	14.7	9.8	22
-5.48	14.7	9.8	25
-6.32	14.7	9.8	21
-7.10	14.7	9.9	22
-7.87	14.7	9.9	23
-8.70	14.7	10.0	23
-9.31	14.7	10.1	23
-9.97	14.8	10.1	24
-10.75	14.8	10.2	24
-11.41	14.8	10.3	29
-12.02	14.8	10.4	30
-12.77	14.8	10.4	30
-13.45	14.8	10.5	29
-13.75	14.8	10.6	22
-13.84	14.8	10.6	100
-13.84	14.8	10.6	100

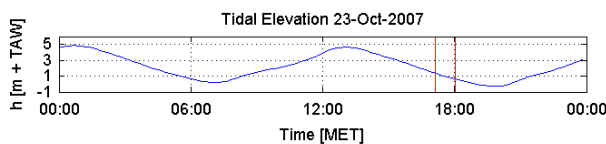
Depth Avg 14.7 10.0 26



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:02
 Time after/before HT [MET]: 5:02
 Coordinates [UTM-ED50] Easting: 588682
 Coordinates [UTM-ED50] Northing: 5684569
 Water-Bottom Interface Siltpr. [m TAW]: -13.82
 Waterdepth 210 kHz Echo [m TAW]: -13.79
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.61

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.31	14.8	9.7	42
-0.34	14.8	9.7	41
-1.07	14.8	9.7	44
-1.92	14.8	9.7	46
-2.76	14.8	9.6	45
-3.58	14.8	9.6	45
-4.28	14.8	9.7	45
-5.09	14.8	9.7	43
-5.86	14.8	9.8	44
-6.79	14.8	9.7	44
-7.82	14.8	9.8	41
-8.58	14.8	9.9	41
-9.56	14.8	9.8	44
-10.57	14.8	9.8	43
-11.43	14.8	9.9	42
-12.31	14.8	10.1	34
-13.16	14.8	10.3	37
-13.68	14.9	10.4	23
-13.70	14.8	10.4	415
-13.72	14.8	10.4	54
-13.75	14.8	10.4	57
-13.78	14.8	10.4	1466
-13.82	14.8	10.4	91

Depth Avg 14.8 9.8 46



Data Processed by:



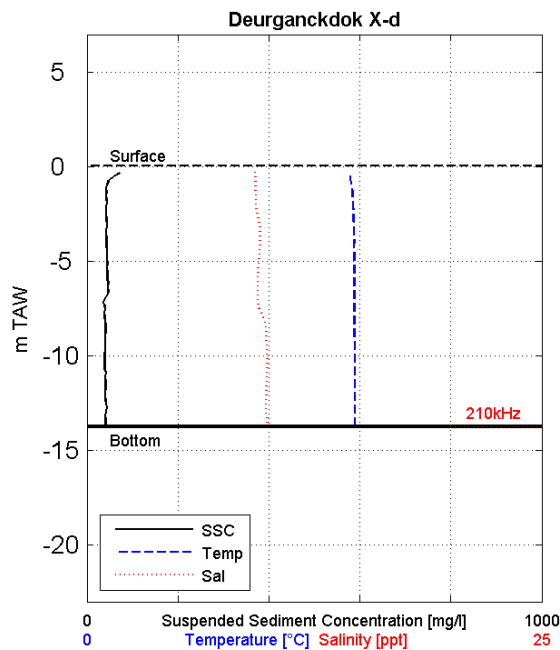
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

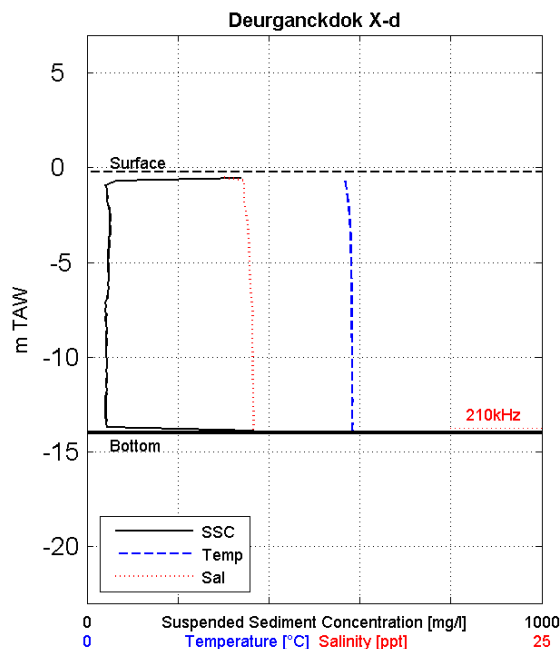
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1157Xd_ctd.sil 1172Xd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:52
 Time after/before HT [MET]: 5:52
 Coordinates [UTM-ED50] Easting: 588675
 Coordinates [UTM-ED50] Northing: 5684573
 Water-Bottom Interface Siltpr. [m TAW]: -13.76
 Waterdepth 210 kHz Echo [m TAW]: -13.73
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.07

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.23	14.4	9.2	86
-0.79	14.5	9.3	48
-1.44	14.5	9.3	43
-2.23	14.7	9.3	41
-2.95	14.8	9.4	43
-3.66	14.7	9.5	43
-4.36	14.6	9.5	44
-5.10	14.7	9.4	45
-5.83	14.7	9.4	45
-6.44	14.7	9.3	47
-7.23	14.7	9.4	35
-7.79	14.7	9.6	44
-8.38	14.7	9.8	40
-9.05	14.7	9.9	38
-9.79	14.7	9.9	38
-10.43	14.8	9.9	45
-11.00	14.7	9.9	42
-11.64	14.7	9.8	40
-12.27	14.7	9.8	41
-12.88	14.7	9.8	41
-13.38	14.7	9.9	41
-13.73	14.8	9.8	41
-13.76	14.7	9.8	41

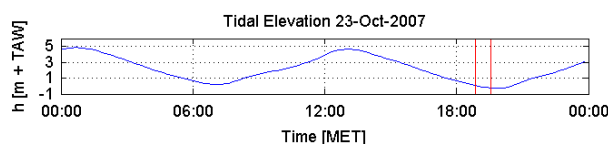
Depth Avg 14.7 9.6 43



Siltprofiler
 Date & Time [MET]: 23/10/2007 19:33
 Time after/before HT [MET]: 6:33
 Coordinates [UTM-ED50] Easting: 588677
 Coordinates [UTM-ED50] Northing: 5684563
 Water-Bottom Interface Siltpr. [m TAW]: -13.99
 Waterdepth 210 kHz Echo [m TAW]: -13.74
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.24

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.52	14.2	7.3	281
-0.66	14.2	8.6	28
-1.44	14.3	8.6	44
-2.12	14.4	8.7	48
-2.79	14.4	8.8	46
-3.59	14.5	8.9	52
-4.55	14.5	8.9	50
-5.38	14.5	8.9	49
-6.20	14.5	9.0	40
-7.09	14.5	9.0	38
-7.95	14.5	9.1	35
-8.86	14.5	9.1	36
-9.79	14.6	9.1	38
-10.64	14.6	9.1	38
-11.54	14.5	9.1	42
-12.37	14.6	9.1	44
-13.16	14.6	9.1	47
-13.84	14.6	9.1	468
-13.87	14.5	9.1	494
-13.90	14.6	9.1	316
-13.92	14.6	9.1	113
-13.96	14.6	9.1	58
-13.99	14.6	9.1	110

Depth Avg 14.5 8.9 55



Data Processed by:



In association with:

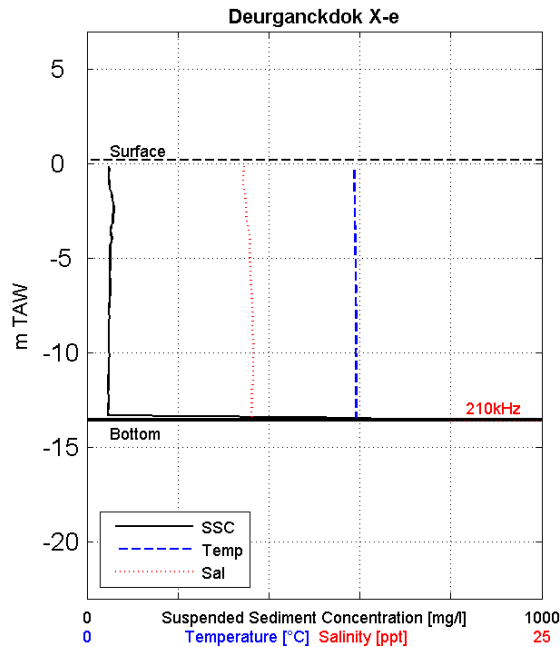


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F.5 Location Xe

Through tide measurements Siltprofiler 23 October 2007

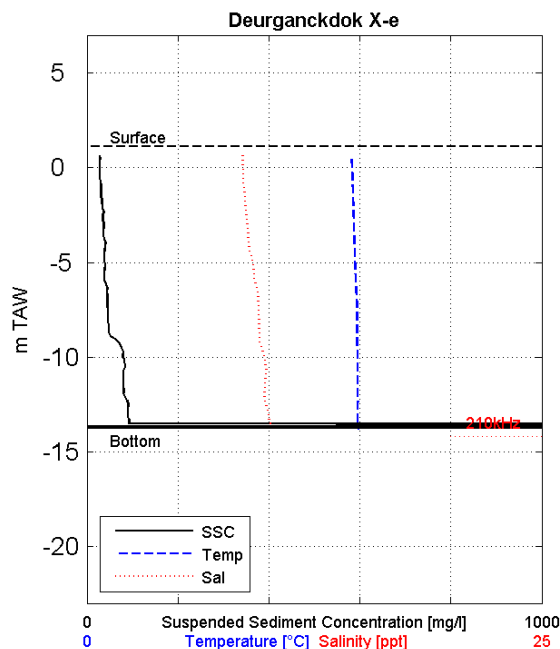
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1001Xe_ctd.sil 1016Xe_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:15
 Time after/before HT [MET]: -5:44
 Coordinates [UTM-ED50] Easting: 588725
 Coordinates [UTM-ED50] Northing: 5684633
 Water-Bottom Interface Siltpr. [m TAW]: -13.56
 Waterdepth 210 kHz Echo [m TAW]: -13.61
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.19

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.09	14.6	8.6	51
-0.21	14.7	8.9	48
-0.25	14.7	8.7	48
-0.28	14.7	8.6	48
-0.36	14.7	8.6	48
-1.04	14.6	8.6	49
-1.87	14.7	8.7	52
-2.76	14.7	8.8	56
-3.63	14.8	8.9	51
-4.44	14.8	8.9	51
-5.30	14.8	9.0	49
-6.20	14.8	9.0	51
-7.08	14.8	9.0	50
-7.98	14.8	9.1	48
-8.80	14.8	9.1	48
-9.61	14.8	9.1	47
-10.45	14.8	9.1	47
-11.22	14.8	9.1	47
-12.06	14.8	9.0	50
-12.75	14.8	9.1	46
-13.18	14.8	9.0	48
-13.45	14.8	9.1	1590
-13.56	14.8	9.1	2203

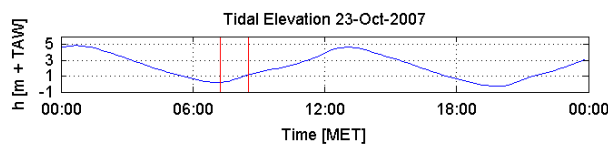
Depth Avg 14.8 8.9 53



Siltprofiler
 Date & Time [MET]: 23/10/2007 08:30
 Time after/before HT [MET]: -4:29
 Coordinates [UTM-ED50] Easting: 588741
 Coordinates [UTM-ED50] Northing: 5684642
 Water-Bottom Interface Siltpr. [m TAW]: -13.71
 Waterdepth 210 kHz Echo [m TAW]: -14.18
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.12

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.75	14.6	NaN	28
0.64	14.5	8.6	28
0.60	14.6	8.6	32
0.30	14.5	8.6	28
-0.31	14.6	8.5	35
-1.07	14.6	8.6	31
-1.81	14.6	8.7	36
-2.70	14.6	8.8	36
-3.56	14.7	8.8	35
-4.34	14.7	8.9	37
-5.25	14.7	9.1	39
-6.05	14.8	9.2	42
-6.69	14.8	9.4	44
-7.38	14.9	9.4	44
-8.12	14.9	9.4	46
-8.97	14.8	9.5	52
-9.85	14.9	9.7	77
-10.62	14.9	9.8	80
-11.44	14.9	9.7	79
-12.24	14.9	9.8	88
-12.89	14.9	9.9	89
-13.69	14.9	10.2	8156
-13.71	14.9	10.2	26686

Depth Avg 14.7 9.2 127



Data Processed by:



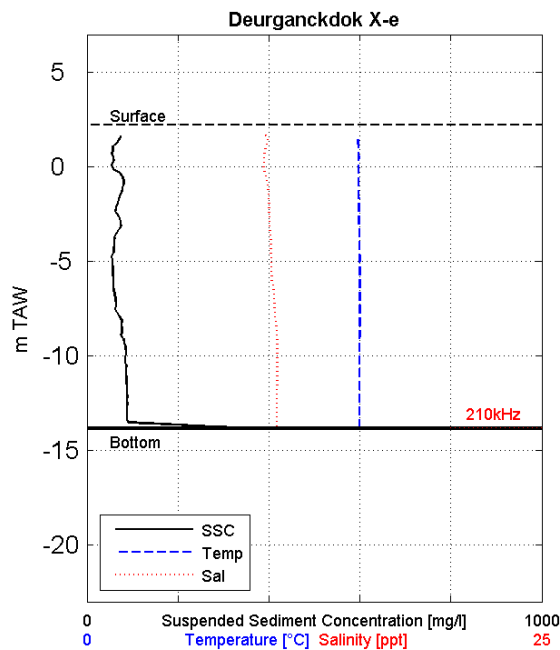
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

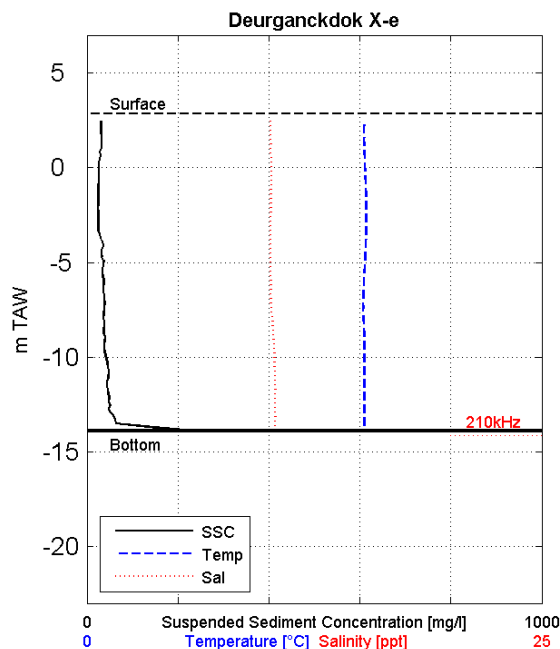
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1032Xe_ctd.sil 1047Xe_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:12
 Time after/before HT [MET]: -2:47
 Coordinates [UTM-ED50] Easting: 588733
 Coordinates [UTM-ED50] Northing: 5684635
 Water-Bottom Interface Siltpr. [m TAW]: -13.84
 Waterdepth 210 kHz Echo [m TAW]: -13.78
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.22

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.74	14.9	NaN	75
1.66	14.9	9.9	79
1.63	14.9	9.8	71
1.60	14.9	9.9	75
1.53	14.9	9.9	73
0.86	14.9	9.8	54
-0.07	14.9	9.7	53
-1.20	14.9	9.9	76
-2.29	14.9	10.0	63
-3.39	14.9	10.0	67
-4.43	15.0	10.1	57
-5.52	15.0	10.1	56
-6.57	15.0	10.3	61
-7.53	15.0	10.3	61
-8.60	15.0	10.4	76
-9.63	14.9	10.4	86
-10.75	14.9	10.4	86
-11.70	14.9	10.4	89
-12.73	14.9	10.4	86
-13.69	15.0	10.4	125
-13.76	14.9	10.4	216
-13.82	15.0	10.4	431
-13.84	14.9	10.4	270

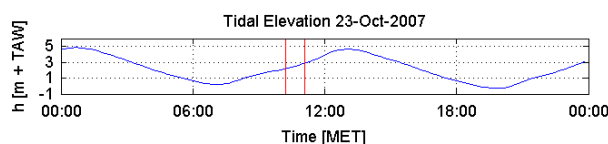
Depth Avg 14.9 10.2 74



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:04
 Time after/before HT [MET]: -1:55
 Coordinates [UTM-ED50] Easting: 588743
 Coordinates [UTM-ED50] Northing: 5684636
 Water-Bottom Interface Siltpr. [m TAW]: -13.91
 Waterdepth 210 kHz Echo [m TAW]: -14.15
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.85

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.57	15.2	NaN	30
2.53	15.2	10.1	33
2.51	15.2	10.1	33
2.49	15.2	10.1	33
2.47	15.2	10.1	30
2.46	15.2	10.1	35
2.44	15.3	10.1	28
2.41	15.3	10.1	35
1.64	15.2	10.1	31
0.21	15.2	10.1	27
-1.42	15.3	10.1	25
-2.89	15.3	10.1	24
-4.58	15.3	10.1	30
-6.04	15.2	10.1	39
-7.52	15.2	10.1	41
-8.95	15.3	10.2	40
-10.35	15.2	10.3	47
-11.89	15.3	10.3	47
-13.39	15.2	10.3	63
-13.80	15.2	10.3	140
-13.84	15.3	10.3	73
-13.89	15.2	10.3	588
-13.91	15.2	10.3	99

Depth Avg 15.3 10.2 37



Data Processed by:



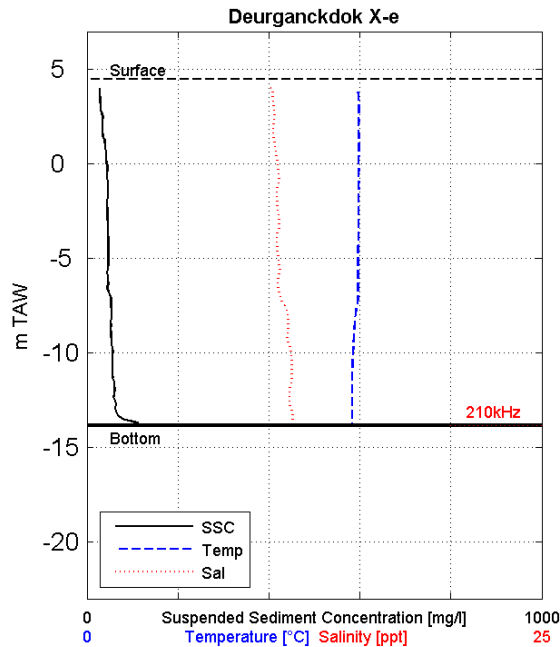
In association with:



I/RA/11283/07.086/MSA

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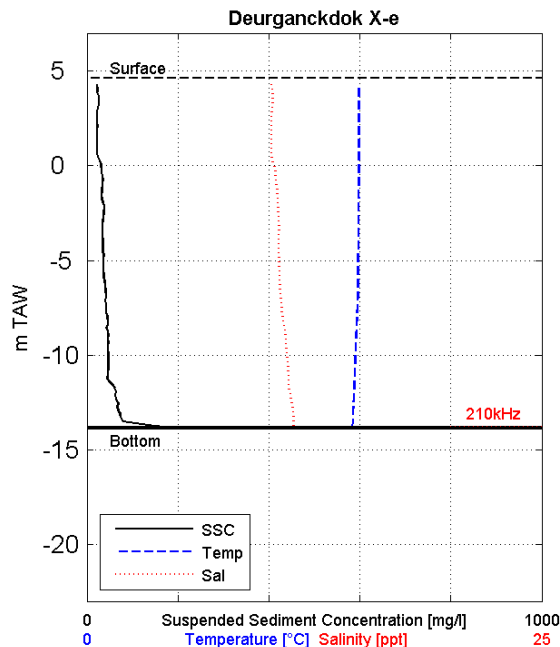
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1062Xe_ctd.sil 1064Xe_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 12:34
 Time after/before HT [MET]: -0:25
 Coordinates [UTM-ED50] Easting: 588731
 Coordinates [UTM-ED50] Northing: 5684624
 Water-Bottom Interface Siltpr. [m TAW]: -13.82
 Waterdepth 210 kHz Echo [m TAW]: -13.82
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.02	14.8	NaN	22
3.95	14.9	10.2	28
3.85	14.9	10.2	28
2.97	14.9	10.3	31
1.98	14.9	10.2	32
1.02	14.9	10.3	37
-0.06	14.9	10.5	44
-1.26	14.9	10.5	45
-2.41	14.9	10.5	46
-3.37	14.9	10.5	49
-4.46	14.9	10.4	49
-5.56	14.9	10.6	46
-6.63	14.9	10.5	46
-7.58	14.8	10.9	53
-8.51	14.7	11.1	52
-9.39	14.6	11.1	50
-10.29	14.6	11.3	57
-11.18	14.6	11.3	55
-12.16	14.5	11.1	58
-13.01	14.5	11.2	61
-13.68	14.5	11.3	234
-13.77	14.5	11.3	132
-13.82	14.6	11.3	111

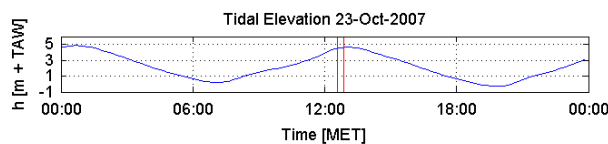
Depth Avg 14.8 10.7 47



Siltprofiler
 Date & Time [MET]: 23/10/2007 12:52
 Time after/before HT [MET]: -0:07
 Coordinates [UTM-ED50] Easting: 588730
 Coordinates [UTM-ED50] Northing: 5684633
 Water-Bottom Interface Siltpr. [m TAW]: -13.85
 Waterdepth 210 kHz Echo [m TAW]: -13.77
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.34	14.8	10.1	6
4.30	14.9	10.1	22
3.93	14.9	10.2	22
2.90	14.9	10.1	22
1.86	14.9	10.1	20
0.81	14.9	10.1	21
-0.32	14.9	10.3	30
-1.64	14.9	10.5	32
-2.96	14.9	10.5	34
-4.22	14.9	10.5	35
-5.51	14.9	10.5	37
-6.68	14.9	10.6	41
-7.83	14.8	10.7	44
-8.82	14.8	10.9	46
-9.93	14.8	11.0	47
-11.07	14.7	11.1	45
-12.10	14.6	11.2	60
-13.07	14.6	11.3	75
-13.71	14.6	11.3	220
-13.74	14.6	11.3	113
-13.77	14.6	11.3	173
-13.80	14.6	11.3	170
-13.85	14.6	11.3	135

Depth Avg 14.8 10.6 39



Data Processed by:



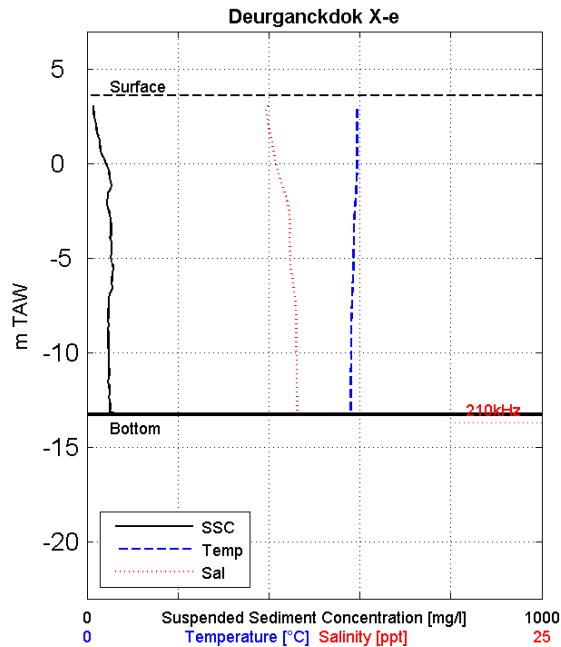
In association with:



I/RA/11283/07.086/MSA

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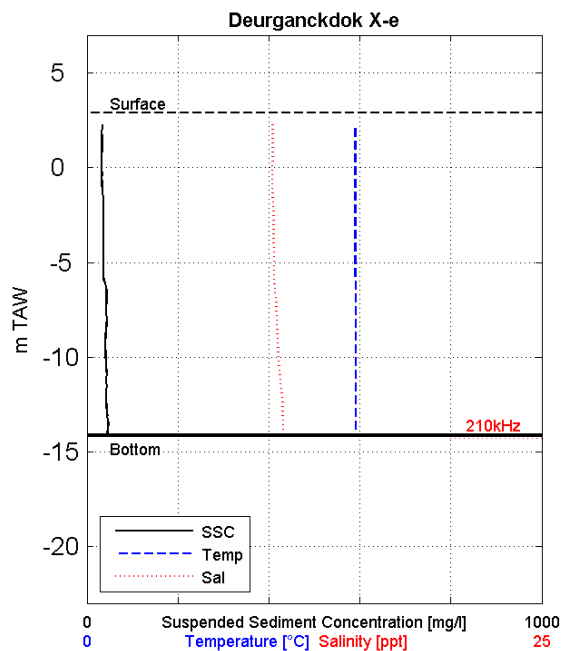
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1080Xe_ctd.sil 1095Xe_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:39
 Time after/before HT [MET]: 1:39
 Coordinates [UTM-ED50] Easting: 588714
 Coordinates [UTM-ED50] Northing: 5684632
 Water-Bottom Interface Siltpr. [m TAW]: -13.27
 Waterdepth 210 kHz Echo [m TAW]: -13.71
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.59

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.19	14.8	NaN	14
3.11	14.8	10.0	14
3.08	14.8	9.9	15
3.04	14.9	9.9	10
3.01	14.8	9.9	13
2.93	14.9	9.8	14
2.25	14.9	9.9	18
1.26	14.8	10.1	28
0.24	14.8	10.3	37
-0.96	14.8	10.7	49
-1.99	14.8	11.0	45
-2.93	14.7	11.1	51
-3.90	14.6	11.1	51
-4.92	14.7	11.2	51
-6.02	14.6	11.3	56
-7.03	14.6	11.4	50
-8.19	14.5	11.5	47
-9.24	14.5	11.5	47
-10.30	14.5	11.5	47
-11.30	14.5	11.5	49
-12.31	14.5	11.5	47
-13.27	14.5	11.5	51
-13.27	14.5	11.5	127

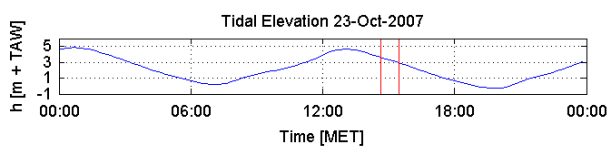
Depth Avg 14.6 11.0 44



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:29
 Time after/before HT [MET]: 2:29
 Coordinates [UTM-ED50] Easting: 588727
 Coordinates [UTM-ED50] Northing: 5684636
 Water-Bottom Interface Siltpr. [m TAW]: -14.14
 Waterdepth 210 kHz Echo [m TAW]: -14.31
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.89

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.37	14.7	10.2	35
2.29	14.7	10.2	34
2.27	14.7	10.2	33
2.24	14.8	10.2	37
2.19	14.7	10.2	34
1.53	14.8	10.2	33
0.65	14.8	10.2	31
-0.28	14.8	10.2	34
-1.27	14.8	10.2	33
-2.29	14.8	10.2	36
-3.29	14.8	10.2	35
-4.30	14.8	10.2	35
-5.21	14.7	10.3	35
-6.18	14.7	10.3	40
-7.13	14.8	10.4	42
-8.12	14.8	10.4	44
-9.11	14.8	10.5	39
-10.12	14.7	10.5	41
-11.09	14.8	10.6	42
-12.16	14.8	10.7	41
-13.05	14.7	10.8	45
-14.03	14.8	10.8	44
-14.14	14.8	10.8	45

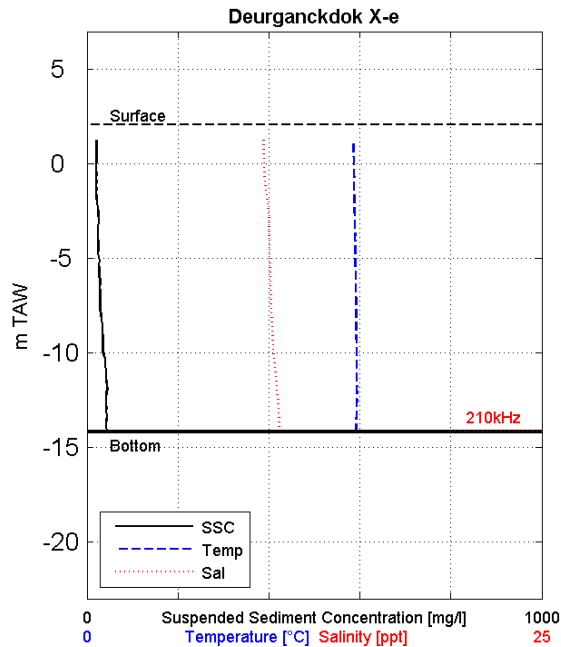
Depth Avg 14.8 10.4 38



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

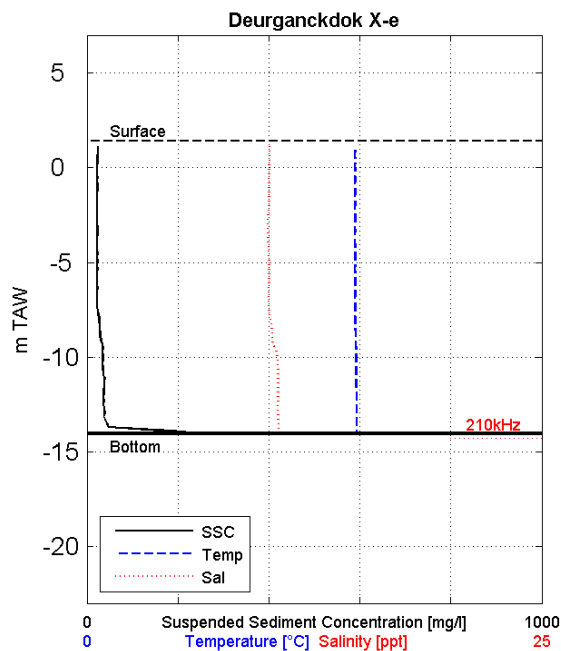
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1110Xe_ctd.sil 1125Xe_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:21
 Time after/before HT [MET]: 3:21
 Coordinates [UTM-ED50] Easting: 588746
 Coordinates [UTM-ED50] Northing: 5684629
 Water-Bottom Interface Siltpr. [m TAW]: -14.18
 Waterdepth 210 kHz Echo [m TAW]: -14.13
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.07

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.28	14.6	9.7	21
1.12	14.6	9.7	19
1.08	14.6	9.7	19
1.05	14.6	9.7	13
1.02	14.7	9.7	18
0.75	14.7	9.7	20
0.00	14.7	9.7	20
-0.93	14.7	9.8	21
-1.96	14.7	9.9	21
-3.02	14.7	10.0	24
-4.04	14.8	10.0	24
-4.97	14.8	10.0	26
-5.85	14.8	10.1	26
-6.72	14.8	10.1	29
-7.76	14.8	10.1	29
-8.75	14.8	10.2	33
-9.66	14.8	10.2	34
-10.58	14.8	10.3	41
-11.52	14.8	10.4	41
-12.41	14.8	10.5	40
-13.38	14.8	10.5	43
-14.12	14.8	10.5	43
-14.18	14.8	10.5	45

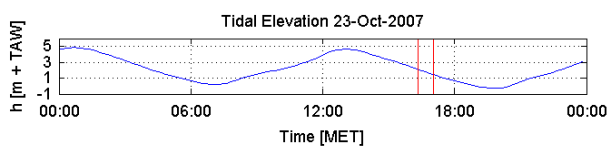
Depth Avg 14.7 10.1 29



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:02
 Time after/before HT [MET]: 4:02
 Coordinates [UTM-ED50] Easting: 588722
 Coordinates [UTM-ED50] Northing: 5684644
 Water-Bottom Interface Siltpr. [m TAW]: -14.03
 Waterdepth 210 kHz Echo [m TAW]: -14.28
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.42

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.14	14.6	10.0	23
1.11	14.7	10.0	24
1.06	14.7	10.0	23
0.81	14.7	10.0	23
0.09	14.7	10.0	21
-0.62	14.7	10.0	22
-1.47	14.7	10.0	20
-2.39	14.8	9.9	20
-3.36	14.7	9.9	22
-4.26	14.7	10.0	21
-5.20	14.7	10.0	21
-6.09	14.7	10.0	23
-6.93	14.7	9.9	21
-7.87	14.7	10.1	28
-8.80	14.8	10.2	28
-9.65	14.8	10.4	33
-10.46	14.8	10.5	35
-11.28	14.8	10.5	38
-12.11	14.8	10.5	35
-12.99	14.8	10.5	36
-13.87	14.8	10.5	49
-14.00	14.8	10.5	217
-14.03	14.8	10.5	601

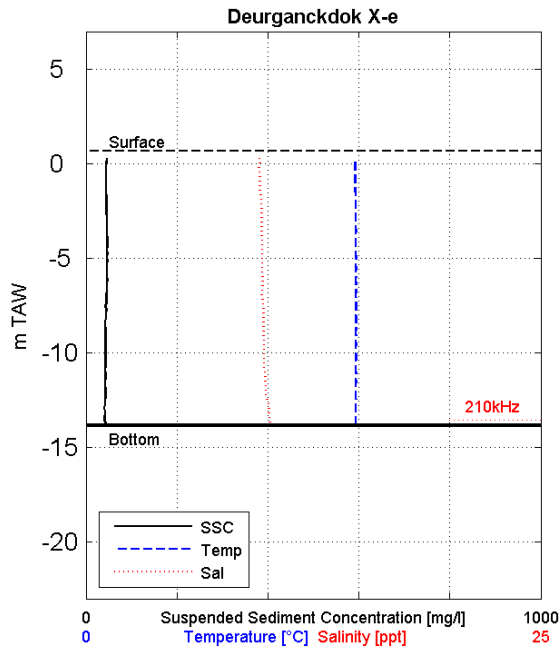
Depth Avg 14.7 10.1 29



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

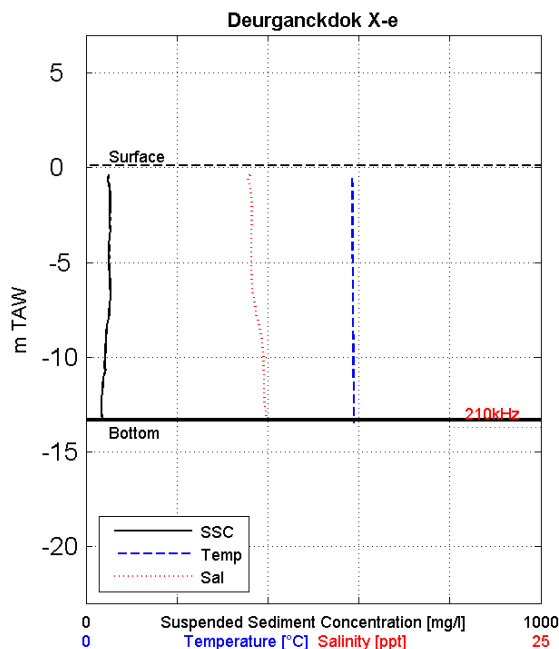
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1141Xe_ctd.sil 1156Xe_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:58
 Time after/before HT [MET]: 4:58
 Coordinates [UTM-ED50] Easting: 588713
 Coordinates [UTM-ED50] Northing: 5684639
 Water-Bottom Interface Siltpr. [m TAW]: -13.85
 Waterdepth 210 kHz Echo [m TAW]: -13.54
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.66

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.38	14.8	9.5	44
0.34	14.9	9.5	47
0.31	14.8	9.5	44
0.28	14.8	9.5	44
0.05	14.8	9.5	44
-0.68	14.8	9.6	42
-1.52	14.8	9.6	43
-2.48	14.8	9.6	45
-3.62	14.8	9.7	45
-4.75	14.8	9.7	48
-5.85	14.9	9.7	45
-6.96	14.8	9.7	45
-8.01	14.8	9.8	38
-9.03	14.8	9.8	44
-10.05	14.8	9.8	43
-11.06	14.8	9.8	41
-11.93	14.8	9.8	43
-12.89	14.8	10.1	37
-13.71	14.8	10.1	40
-13.75	14.8	10.1	43
-13.79	14.8	10.1	41
-13.82	14.8	10.1	44
-13.85	14.8	10.1	42

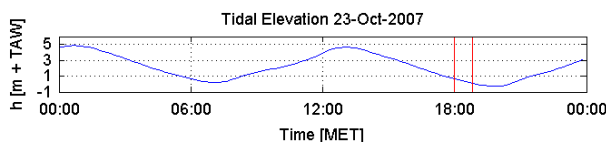
Depth Avg 14.8 9.7 44



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:49
 Time after/before HT [MET]: 5:49
 Coordinates [UTM-ED50] Easting: 588710
 Coordinates [UTM-ED50] Northing: 5684657
 Water-Bottom Interface Siltpr. [m TAW]: -13.32
 Waterdepth 210 kHz Echo [m TAW]: -13.71
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.09

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.34	14.6	NaN	49
-0.44	14.6	9.0	47
-0.50	14.5	8.9	49
-0.60	14.6	8.9	47
-1.21	14.7	9.0	53
-2.02	14.6	9.1	52
-2.82	14.6	9.1	50
-3.51	14.6	9.1	52
-4.11	14.6	9.1	44
-4.81	14.6	9.1	51
-5.71	14.7	9.1	51
-6.74	14.7	9.2	52
-7.58	14.7	9.3	54
-8.18	14.6	9.5	45
-8.77	14.7	9.6	43
-9.36	14.7	9.7	44
-9.95	14.7	9.7	39
-10.62	14.7	9.8	43
-11.30	14.7	9.8	36
-11.97	14.7	9.8	34
-12.64	14.7	9.8	34
-13.32	14.7	9.9	40

Depth Avg 14.7 9.3 47



Data Processed by:



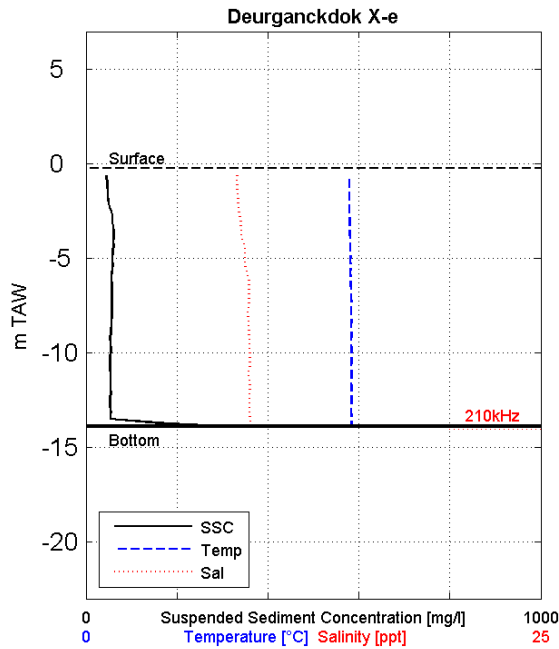
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

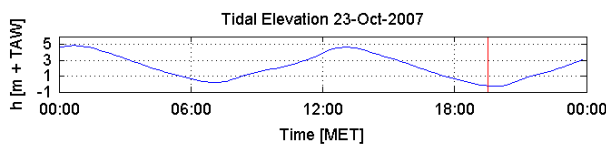
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1171Xe_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 19:31
 Time after/before HT [MET]: 6:31
 Coordinates [UTM-ED50] Easting: 588723
 Coordinates [UTM-ED50] Northing: 5684635
 Water-Bottom Interface Siltpr. [m TAW]: -13.91
 Waterdepth 210 kHz Echo [m TAW]: -14.03
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.23

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.59	14.5	8.3	45
-0.65	14.4	8.3	41
-0.68	14.5	8.3	41
-0.71	14.5	8.3	47
-0.75	14.4	8.3	49
-1.04	14.4	8.3	49
-1.74	14.5	8.3	46
-2.64	14.5	8.4	57
-3.64	14.5	8.5	61
-4.59	14.5	8.7	57
-5.63	14.5	8.8	54
-6.73	14.6	9.0	55
-7.81	14.5	8.9	56
-8.74	14.5	8.9	56
-9.82	14.6	9.0	55
-10.84	14.6	9.0	54
-11.79	14.6	9.0	53
-12.62	14.6	9.0	54
-13.57	14.6	9.0	53
-13.79	14.6	9.0	44
-13.82	14.6	9.0	280
-13.88	14.6	9.0	323
-13.91	14.6	9.0	295

Depth Avg **14.5** **8.8** **57**



Data Processed by:



In association with:

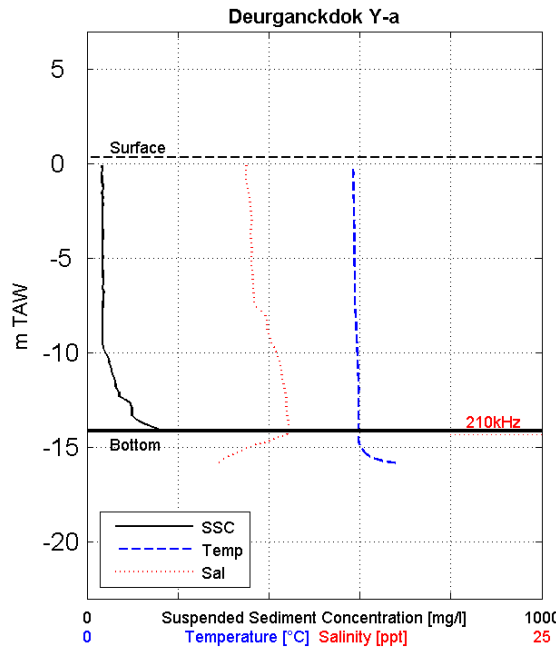


I/RA/11283/07.086/MSA

F.6 Location Ya

Through tide measurements Siltprofiler 23 October 2007

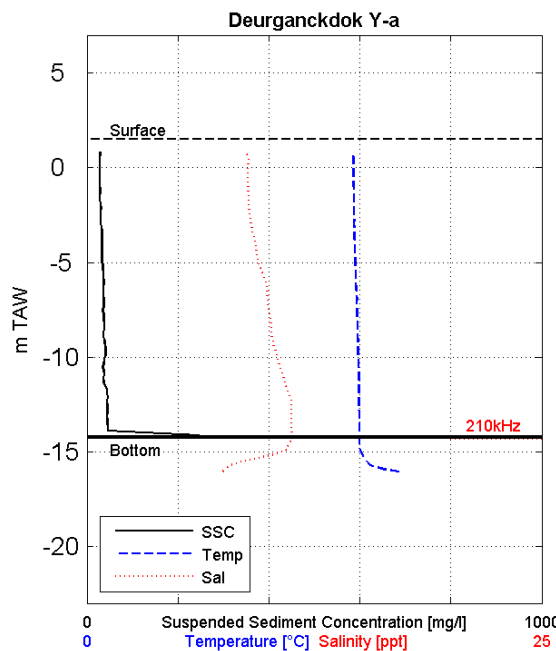
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1006Ya_ctd.sil 1021Ya_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:39
 Time after/before HT [MET]: -5:20
 Coordinates [UTM-ED50] Easting: 588593
 Coordinates [UTM-ED50] Northing: 5684207
 Water-Bottom Interface Siltpr. [m TAW]: -14.14
 Waterdepth 210 kHz Echo [m TAW]: -14.34
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.36

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.00	14.6	NaN	34
-0.21	14.6	8.7	34
-0.26	14.6	8.7	34
-0.29	14.6	8.7	33
-0.32	14.6	8.7	35
-0.46	14.6	8.7	31
-1.17	14.6	8.8	34
-1.99	14.7	8.9	33
-2.80	14.7	9.0	34
-3.73	14.7	9.0	35
-4.70	14.7	9.0	33
-5.62	14.7	9.1	34
-6.54	14.7	9.1	35
-7.41	14.7	9.2	33
-8.25	14.8	9.9	35
-9.10	14.8	10.0	33
-9.99	14.9	10.4	37
-10.86	14.9	10.7	53
-11.72	14.9	10.8	62
-12.54	14.9	10.9	86
-13.31	14.9	11.0	96
-14.13	14.9	11.2	166
-14.14	14.9	11.2	205

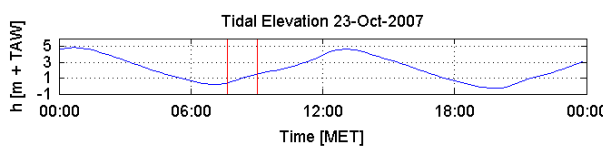
Depth Avg 14.8 9.7 47



Siltprofiler
 Date & Time [MET]: 23/10/2007 09:01
 Time after/before HT [MET]: -3:58
 Coordinates [UTM-ED50] Easting: 588608
 Coordinates [UTM-ED50] Northing: 5684207
 Water-Bottom Interface Siltpr. [m TAW]: -14.22
 Waterdepth 210 kHz Echo [m TAW]: -14.32
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.86	14.6	NaN	29
0.75	14.6	8.8	26
0.71	14.6	8.8	29
0.67	14.5	8.7	29
0.59	14.5	8.8	27
-0.17	14.7	8.8	27
-1.10	14.7	8.8	28
-1.98	14.6	8.9	28
-2.92	14.7	9.0	30
-3.93	14.7	9.2	32
-4.96	14.7	9.4	32
-5.87	14.8	9.8	36
-6.72	14.8	9.9	35
-7.55	14.8	10.0	33
-8.47	14.8	10.1	37
-9.33	14.9	10.3	39
-10.22	14.9	10.5	35
-11.00	14.9	10.8	37
-11.70	14.9	11.0	45
-12.45	14.9	11.2	43
-13.26	14.9	11.2	44
-14.13	14.9	11.3	49
-14.22	14.9	11.3	40

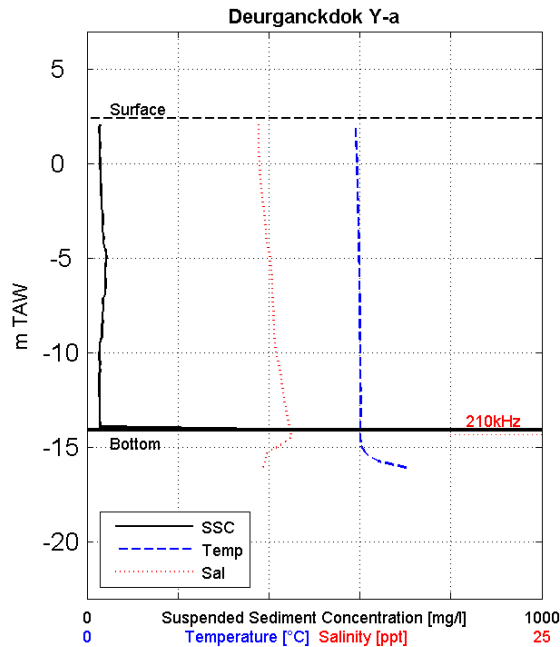
Depth Avg 14.8 9.8 37



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

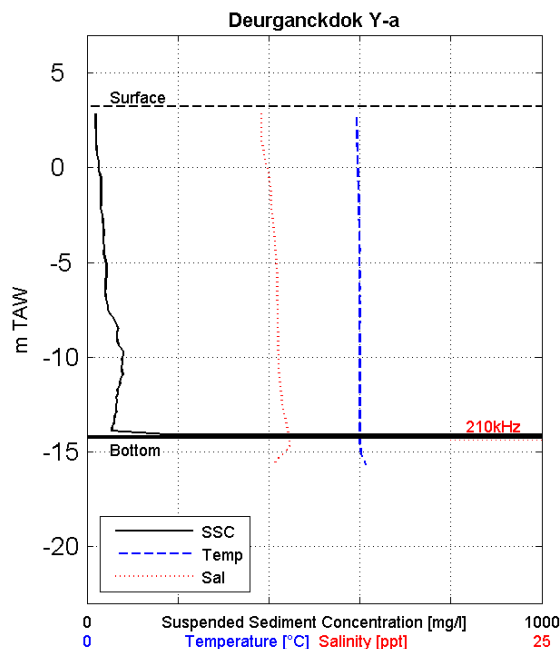
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1037Ya_ctd.sil 1052Ya_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:27
 Time after/before HT [MET]: -2:32
 Coordinates [UTM-ED50] Easting: 588592
 Coordinates [UTM-ED50] Northing: 5684212
 Water-Bottom Interface Siltpr. [m TAW]: -14.10
 Waterdepth 210 kHz Echo [m TAW]: -14.31
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.39

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.10	14.8	9.4	28
1.51	14.8	9.4	28
0.98	14.8	9.4	28
0.14	14.8	9.5	30
-0.68	14.9	9.5	30
-1.52	14.9	9.6	31
-2.31	14.9	9.7	33
-3.13	14.9	9.8	37
-3.96	14.9	9.8	40
-4.79	15.0	10.0	42
-5.58	15.0	10.1	41
-6.37	15.0	10.2	41
-7.24	15.0	10.2	35
-7.98	15.0	10.3	34
-8.73	15.0	10.3	34
-9.57	15.0	10.3	29
-10.32	15.0	10.5	26
-11.06	15.0	10.6	27
-11.69	15.0	10.7	28
-12.42	15.0	10.8	25
-13.21	15.1	11.0	28
-13.92	15.0	11.1	29
-14.10	15.0	11.2	22

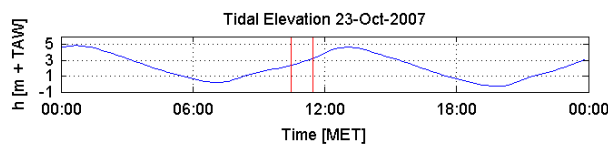
Depth Avg 14.9 10.1 34



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:27
 Time after/before HT [MET]: -1:32
 Coordinates [UTM-ED50] Easting: 588597
 Coordinates [UTM-ED50] Northing: 5684213
 Water-Bottom Interface Siltpr. [m TAW]: -14.23
 Waterdepth 210 kHz Echo [m TAW]: -14.38
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.22

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.89	14.7	NaN	22
2.78	14.8	9.6	21
2.74	14.8	9.6	19
2.70	14.8	9.6	20
2.65	14.8	9.6	19
2.02	14.8	9.6	22
0.96	14.8	9.7	22
-0.17	14.9	9.9	25
-1.17	14.9	10.1	32
-2.10	15.0	10.1	25
-3.14	14.9	10.3	35
-4.17	15.0	10.3	37
-5.15	14.9	10.4	44
-6.20	15.0	10.4	42
-7.12	15.0	10.4	39
-8.11	15.0	10.4	61
-9.20	15.0	10.5	67
-10.13	15.0	10.5	78
-11.07	15.0	10.6	75
-11.99	15.0	10.7	69
-13.05	15.0	10.8	63
-14.06	15.0	11.1	48
-14.23	15.0	11.1	4615

Depth Avg 14.9 10.3 72



Data Processed by:



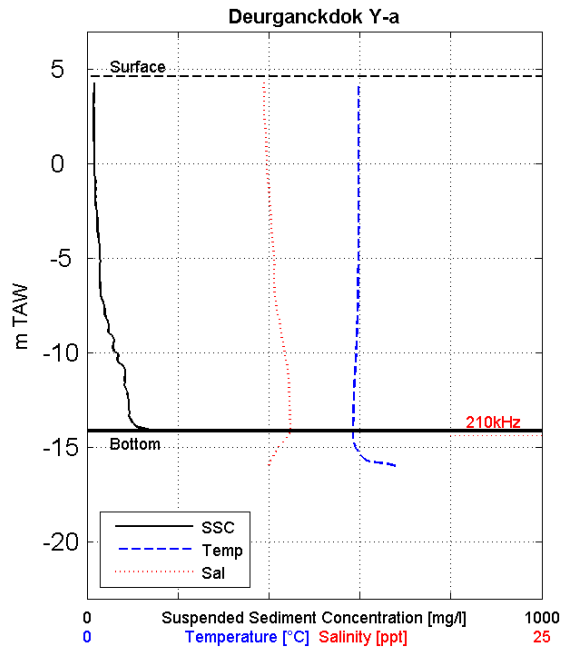
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

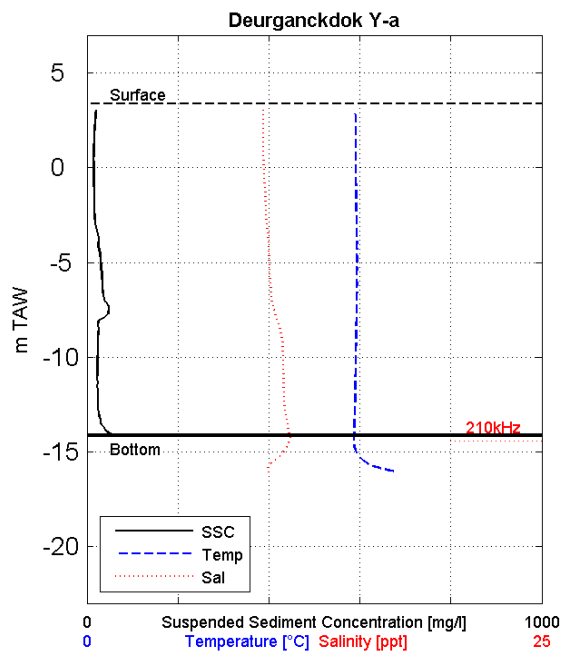
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1069Ya_ctd.sil 1085Ya_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 13:16
 Time after/before HT [MET]: 0:16
 Coordinates [UTM-ED50] Easting: 588598
 Coordinates [UTM-ED50] Northing: 5684212
 Water-Bottom Interface Siltpr. [m TAW]: -14.12
 Waterdepth 210 kHz Echo [m TAW]: -14.37
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.35	14.9	NaN	18
4.29	14.9	9.7	18
4.23	14.8	9.7	14
4.20	14.9	9.7	17
4.15	14.9	9.7	16
3.44	14.9	9.7	14
2.46	14.9	9.7	16
1.27	14.9	9.8	15
0.12	14.9	9.8	16
-1.02	14.9	10.0	17
-2.29	14.9	10.1	15
-3.43	14.9	10.1	22
-4.47	14.9	10.2	28
-5.63	14.9	10.3	27
-6.75	14.9	10.3	31
-7.79	14.9	10.4	39
-8.86	14.8	10.7	46
-9.88	14.8	10.8	58
-10.98	14.8	11.0	83
-12.00	14.6	11.1	87
-13.03	14.7	11.1	94
-13.99	14.6	11.2	121
-14.12	14.7	11.2	135

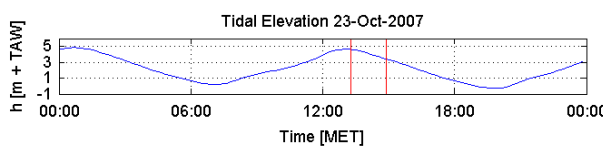
Depth Avg 14.8 10.3 39



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:54
 Time after/before HT [MET]: 1:54
 Coordinates [UTM-ED50] Easting: 588602
 Coordinates [UTM-ED50] Northing: 5684202
 Water-Bottom Interface Siltpr. [m TAW]: -14.16
 Waterdepth 210 kHz Echo [m TAW]: -14.42
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.38

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.10	14.8	9.7	21
2.98	14.6	9.7	16
2.29	14.8	9.7	16
1.42	14.8	9.7	14
0.66	14.7	9.7	16
-0.27	14.8	9.7	14
-1.25	14.8	9.8	16
-2.23	14.8	9.8	16
-3.23	14.8	9.9	21
-3.99	14.8	10.0	24
-4.84	14.8	10.0	30
-5.68	14.8	10.0	33
-6.56	14.8	10.1	36
-7.43	14.8	10.3	47
-8.26	14.8	10.5	22
-8.92	14.8	10.7	24
-9.69	14.8	10.8	23
-10.56	14.8	10.8	22
-11.42	14.7	10.8	22
-12.40	14.7	10.8	24
-13.23	14.7	10.9	28
-14.02	14.6	11.1	51
-14.16	14.7	11.1	57

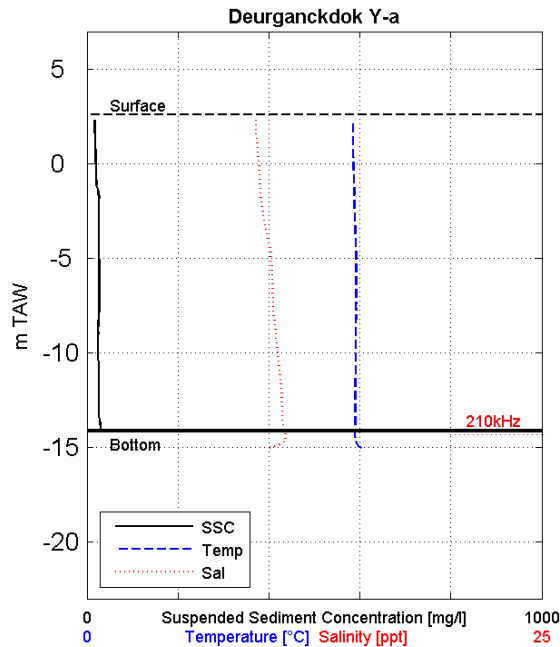
Depth Avg 14.8 10.2 24



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

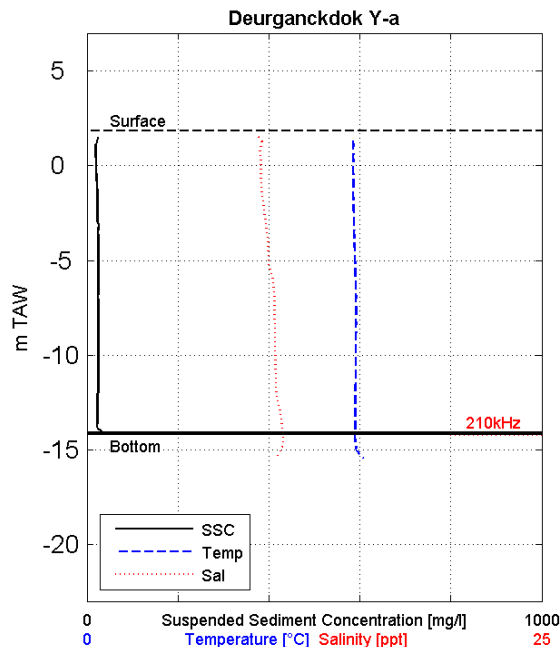
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1100Ya_ctd.sil 1115Ya_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:48
 Time after/before HT [MET]: 2:48
 Coordinates [UTM-ED50] Easting: 588597
 Coordinates [UTM-ED50] Northing: 5684227
 Water-Bottom Interface Siltpr. [m TAW]: -14.14
 Waterdepth 210 kHz Echo [m TAW]: -14.30
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.60

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.32	14.6	9.3	18
1.90	14.6	9.3	16
1.15	14.6	9.3	17
0.23	14.6	9.4	22
-0.68	14.6	9.5	19
-1.67	14.7	9.5	26
-2.42	14.7	9.6	25
-3.02	14.8	9.8	24
-3.61	14.8	9.8	24
-4.16	14.8	10.0	25
-4.48	14.8	10.1	24
-5.17	14.8	10.1	26
-5.94	14.8	10.2	27
-6.75	14.8	10.2	26
-7.71	14.8	10.2	26
-8.70	14.8	10.3	24
-9.59	14.8	10.4	24
-10.41	14.8	10.5	24
-11.27	14.8	10.6	24
-12.15	14.8	10.7	23
-13.07	14.7	10.7	27
-14.00	14.7	10.8	32
-14.14	14.7	10.9	33

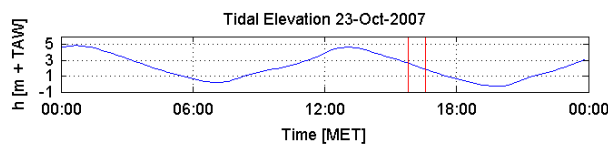
Depth Avg 14.7 10.0 24



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:34
 Time after/before HT [MET]: 3:34
 Coordinates [UTM-ED50] Easting: 588604
 Coordinates [UTM-ED50] Northing: 5684210
 Water-Bottom Interface Siltpr. [m TAW]: -14.13
 Waterdepth 210 kHz Echo [m TAW]: -14.25
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.85

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.57	14.6	9.2	25
0.99	14.6	9.5	18
0.33	14.7	9.6	19
-0.27	14.6	9.5	19
-1.07	14.7	9.6	23
-1.82	14.6	9.7	23
-2.59	14.7	9.8	23
-3.32	14.7	9.8	25
-3.94	14.7	9.9	24
-4.69	14.7	10.0	24
-5.44	14.7	10.0	27
-6.23	14.8	10.2	23
-6.94	14.8	10.3	25
-7.59	14.8	10.3	24
-8.27	14.8	10.3	25
-8.96	14.8	10.3	25
-9.67	14.8	10.3	23
-10.48	14.8	10.4	24
-11.38	14.8	10.4	25
-12.19	14.8	10.4	22
-13.10	14.8	10.6	23
-14.05	14.7	10.7	24
-14.13	14.8	10.7	51

Depth Avg 14.7 10.1 24



Data Processed by:



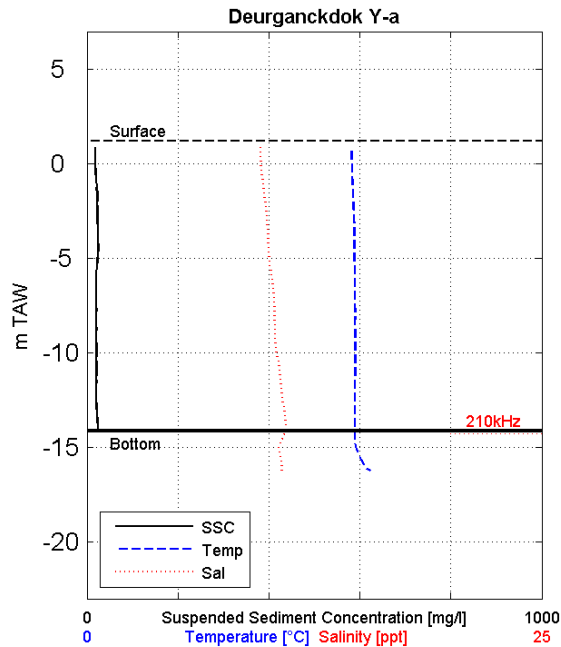
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

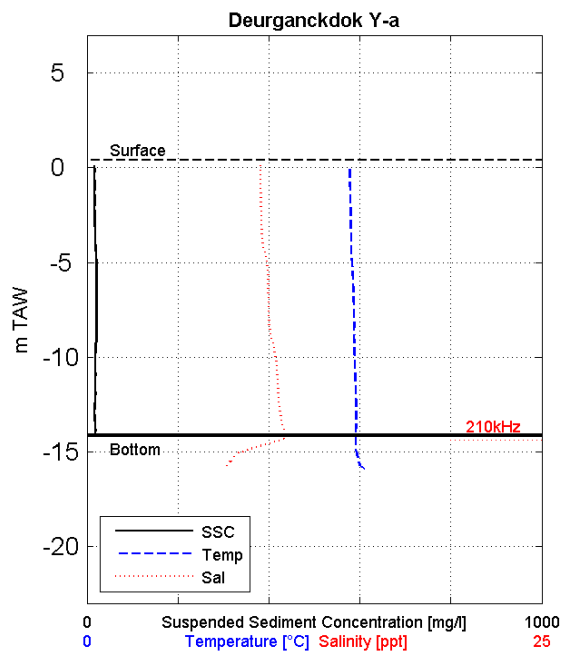
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1130Ya_ctd.sil 1146Ya_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:16
 Time after/before HT [MET]: 4:16
 Coordinates [UTM-ED50] Easting: 588591
 Coordinates [UTM-ED50] Northing: 5684221
 Water-Bottom Interface Siltpr. [m TAW]: -14.11
 Waterdepth 210 kHz Echo [m TAW]: -14.28
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.22

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.93	14.5	9.5	18
0.51	14.6	9.5	18
-0.07	14.6	9.6	18
-0.87	14.5	9.6	21
-1.57	14.6	9.7	22
-2.33	14.6	9.8	23
-3.09	14.7	9.9	17
-3.73	14.7	9.9	23
-4.56	14.7	10.0	23
-5.29	14.7	10.0	22
-6.06	14.7	10.2	18
-6.77	14.7	10.2	19
-7.44	14.7	10.3	19
-8.12	14.8	10.3	19
-8.80	14.7	10.3	17
-9.46	14.7	10.3	24
-10.18	14.7	10.4	19
-10.96	14.7	10.6	20
-11.67	14.7	10.7	22
-12.41	14.7	10.7	19
-13.28	14.7	10.9	22
-14.10	14.7	10.9	28
-14.11	14.7	10.9	24

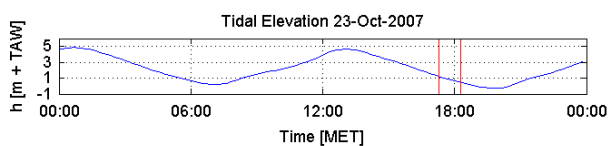
Depth Avg 14.7 10.2 21



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:17
 Time after/before HT [MET]: 5:17
 Coordinates [UTM-ED50] Easting: 588603
 Coordinates [UTM-ED50] Northing: 5684203
 Water-Bottom Interface Siltpr. [m TAW]: -14.16
 Waterdepth 210 kHz Echo [m TAW]: -14.38
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.42

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.14	14.3	9.5	7
0.11	14.4	9.5	15
-0.26	14.4	9.5	16
-0.78	14.4	9.5	16
-1.37	14.4	9.6	16
-2.04	14.5	9.6	14
-2.80	14.5	9.6	16
-3.64	14.5	9.6	18
-4.43	14.5	9.7	18
-5.27	14.6	9.9	22
-6.01	14.6	9.9	23
-6.84	14.7	9.9	21
-7.62	14.7	9.9	22
-8.50	14.7	10.0	21
-9.37	14.7	10.2	18
-10.11	14.7	10.4	17
-10.82	14.7	10.4	18
-11.49	14.8	10.5	17
-12.10	14.8	10.5	18
-12.65	14.8	10.6	17
-13.31	14.8	10.7	18
-13.98	14.7	10.9	18
-14.16	14.8	10.9	19

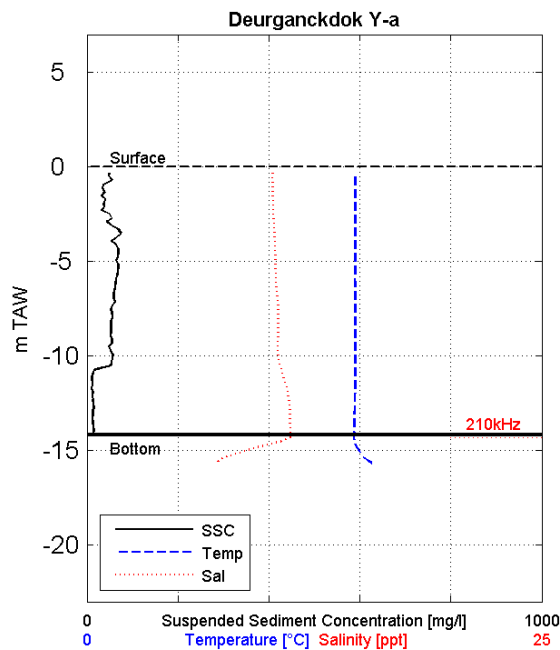
Depth Avg 14.6 10.0 18



Data Processed by: 
 In association with:  
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Through tide measurements Siltprofiler 23 October 2007

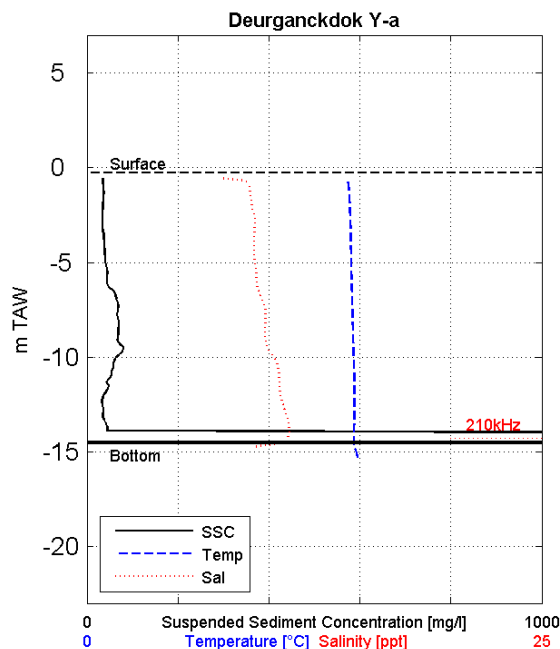
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1161Ya_ctd.sil 1176Ya_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 19:01
 Time after/before HT [MET]: 6:01
 Coordinates [UTM-ED50] Easting: 588603
 Coordinates [UTM-ED50] Northing: 5684213
 Water-Bottom Interface Siltpr. [m TAW]: -14.19
 Waterdepth 210 kHz Echo [m TAW]: -14.31
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.01

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.29	14.7	10.2	65
-0.33	14.8	10.2	28
-0.66	14.8	10.2	34
-1.04	14.7	10.2	32
-1.55	14.8	10.2	25
-2.18	14.7	10.2	28
-2.91	14.8	10.3	43
-3.70	14.7	10.3	72
-4.59	14.7	10.3	69
-5.45	14.7	10.4	81
-6.25	14.7	10.4	60
-7.03	14.8	10.5	60
-7.81	14.7	10.5	56
-8.56	14.7	10.5	53
-9.38	14.8	10.5	54
-10.03	14.8	10.5	61
-10.67	14.7	10.7	14
-11.39	14.7	10.9	11
-12.06	14.7	11.0	14
-12.72	14.7	11.1	14
-13.34	14.7	11.1	13
-13.95	14.7	11.2	12
-14.19	14.7	11.2	15

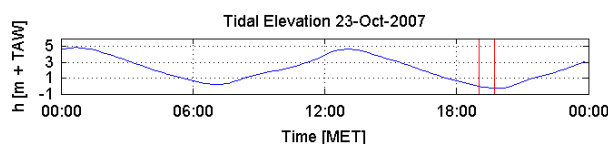
Depth Avg **14.7** **10.5** **44**



Siltprofiler
 Date & Time [MET]: 23/10/2007 19:43
 Time after/before HT [MET]: 6:43
 Coordinates [UTM-ED50] Easting: 588595
 Coordinates [UTM-ED50] Northing: 5684227
 Water-Bottom Interface Siltpr. [m TAW]: -14.52
 Waterdepth 210 kHz Echo [m TAW]: -14.28
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.28

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.56	14.3	7.3	35
-1.13	14.4	8.9	37
-1.67	14.4	9.0	35
-2.21	14.5	9.1	34
-2.73	14.5	9.2	34
-3.31	14.5	9.2	35
-3.99	14.5	9.2	38
-4.65	14.5	9.2	40
-5.26	14.5	9.3	43
-5.93	14.5	9.3	43
-6.52	14.6	9.4	60
-7.23	14.6	9.7	67
-7.96	14.6	9.8	67
-8.59	14.6	9.8	69
-9.26	14.6	9.8	69
-10.01	14.6	10.3	61
-10.68	14.7	10.5	53
-11.37	14.7	10.6	41
-12.04	14.7	10.6	35
-12.71	14.7	10.9	35
-13.35	14.7	11.1	40
-13.98	14.7	11.1	45
-14.52	14.6	11.2	14312

Depth Avg **14.6** **9.8** **306**



Data Processed by:



In association with:

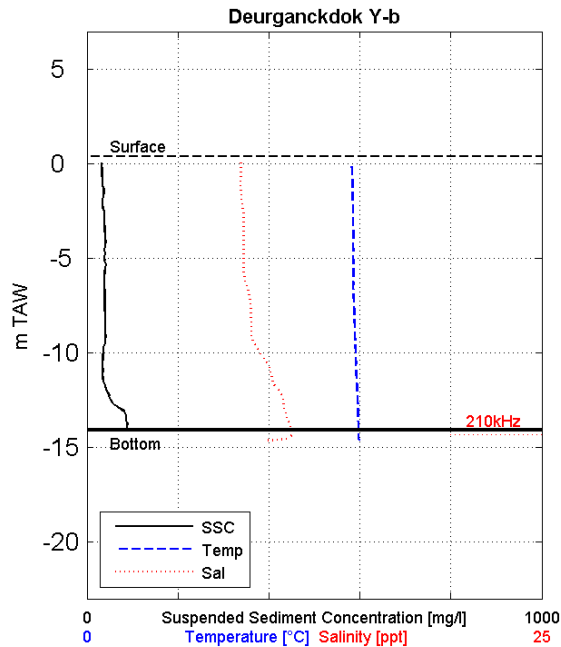


I/RA/11283/07.086/MSA

F.7 Location Yb

Through tide measurements Siltprofiler 23 October 2007

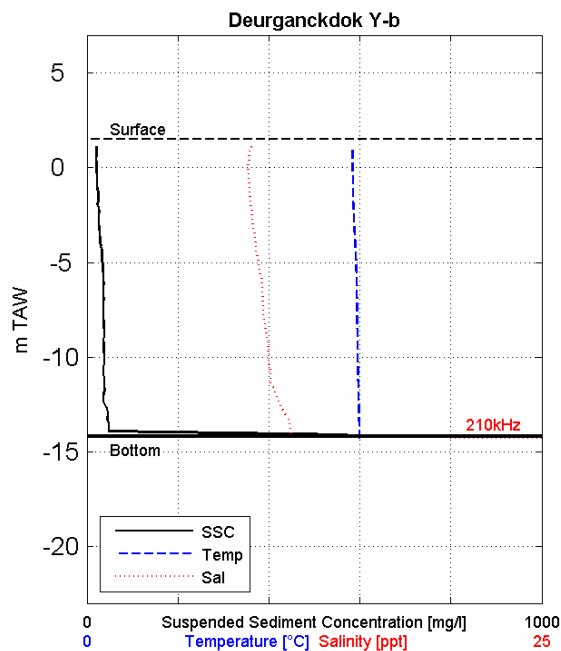
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1007Yb_ctd.sil 1022Yb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:41
 Time after/before HT [MET]: -5:18
 Coordinates [UTM-ED50] Easting: 588650
 Coordinates [UTM-ED50] Northing: 5684292
 Water-Bottom Interface Siltpr. [m TAW]: -14.09
 Waterdepth 210 kHz Echo [m TAW]: -14.30
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.40

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.11	14.5	NaN	32
0.01	14.5	8.4	30
-0.01	14.5	8.4	32
-0.04	14.5	8.4	31
-0.06	14.6	8.4	32
-0.08	14.6	8.4	35
-0.12	14.6	8.4	33
-0.48	14.6	8.4	35
-1.30	14.6	8.4	35
-2.08	14.6	8.5	34
-2.86	14.6	8.6	40
-3.66	14.6	8.6	40
-4.76	14.6	8.6	38
-6.00	14.6	8.7	36
-7.14	14.7	8.9	41
-8.02	14.7	9.0	45
-8.96	14.7	9.0	35
-10.13	14.8	9.6	36
-11.22	14.8	10.1	34
-12.13	14.8	10.6	48
-12.94	14.9	10.8	72
-13.92	14.9	11.2	90
-14.09	14.9	11.2	84

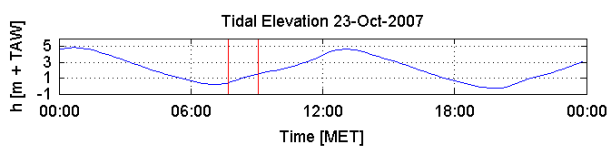
Depth Avg 14.7 9.2 42



Siltprofiler
 Date & Time [MET]: 23/10/2007 09:05
 Time after/before HT [MET]: -3:54
 Coordinates [UTM-ED50] Easting: 588645
 Coordinates [UTM-ED50] Northing: 5684289
 Water-Bottom Interface Siltpr. [m TAW]: -14.19
 Waterdepth 210 kHz Echo [m TAW]: -14.27
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.53

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.18	14.6	9.2	21
1.11	14.6	8.9	21
1.01	14.6	8.9	22
0.47	14.6	8.9	19
-0.27	14.6	8.9	22
-1.13	14.6	8.9	23
-2.01	14.6	9.0	25
-2.91	14.7	9.1	24
-3.73	14.7	9.2	35
-4.59	14.8	9.3	33
-5.58	14.8	9.5	36
-6.49	14.9	9.6	35
-7.35	14.8	9.7	34
-8.30	14.8	9.8	37
-9.10	14.9	9.9	35
-9.99	14.9	10.0	36
-10.77	14.9	10.1	37
-11.55	14.9	10.2	37
-12.30	14.9	10.5	34
-13.04	14.9	10.9	45
-13.72	14.9	11.2	47
-14.19	15.0	11.2	1217
-14.19	14.9	11.2	2532

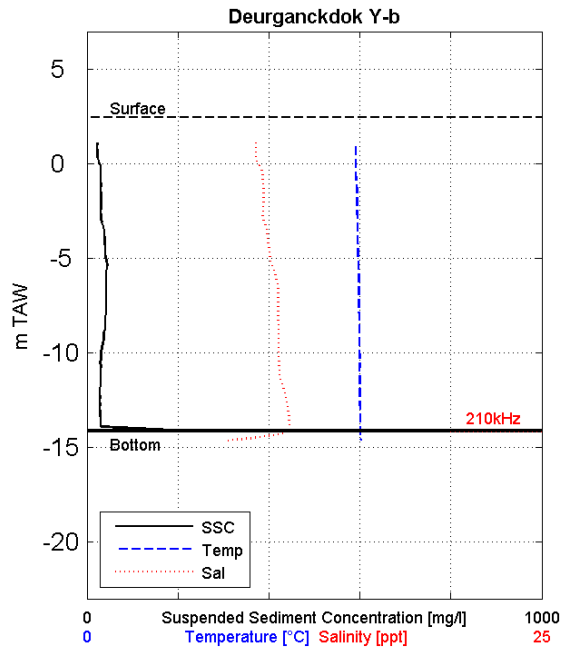
Depth Avg 14.8 9.6 36



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

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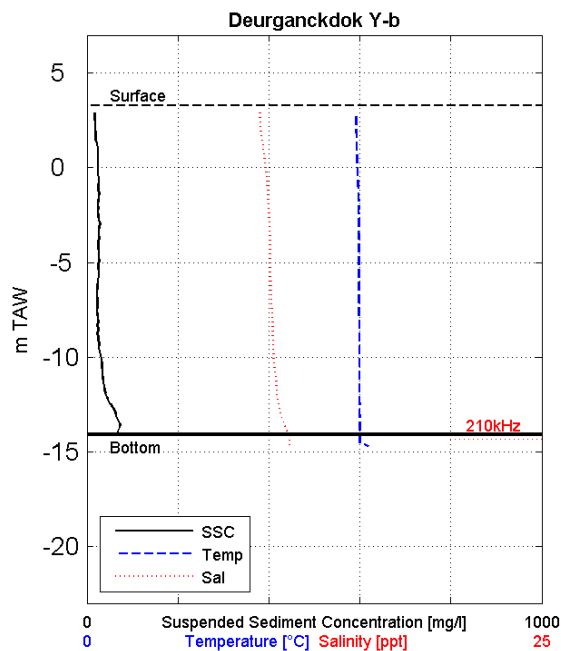
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1038Yb_ctd.sil 1053Yb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:31
 Time after/before HT [MET]: -2:28
 Coordinates [UTM-ED50] Easting: 588654
 Coordinates [UTM-ED50] Northing: 5684286
 Water-Bottom Interface Siltpr. [m TAW]: -14.15
 Waterdepth 210 kHz Echo [m TAW]: -14.16
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.44

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.16	14.8	9.3	21
0.38	14.7	9.3	23
-0.26	14.8	9.6	28
-0.75	14.8	9.7	31
-1.52	14.8	9.7	31
-2.32	14.8	9.7	32
-3.08	14.9	9.8	31
-3.83	14.8	9.9	38
-4.62	14.9	10.0	39
-5.36	14.9	10.2	45
-5.98	15.0	10.4	40
-6.61	14.9	10.5	41
-7.43	15.0	10.5	39
-8.32	15.0	10.5	39
-9.06	15.0	10.5	37
-9.75	15.0	10.5	33
-10.41	15.0	10.6	28
-11.07	15.0	10.6	30
-11.73	15.0	10.7	30
-12.40	15.0	10.9	29
-13.15	15.0	11.1	28
-13.94	15.0	11.1	30
-14.15	15.0	11.1	22

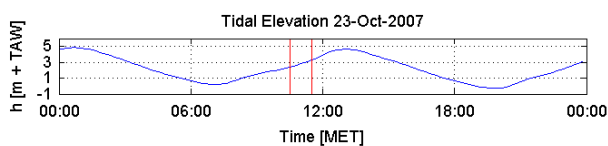
Depth Avg 14.9 10.2 33



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:30
 Time after/before HT [MET]: -1:29
 Coordinates [UTM-ED50] Easting: 588675
 Coordinates [UTM-ED50] Northing: 5684285
 Water-Bottom Interface Siltpr. [m TAW]: -14.08
 Waterdepth 210 kHz Echo [m TAW]: -14.31
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.29

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.00	14.8	9.5	17
2.94	14.8	9.5	17
2.90	14.7	9.5	19
2.87	14.8	9.5	17
2.83	14.7	9.5	16
2.79	14.8	9.5	17
2.59	14.8	9.5	17
1.58	14.8	9.6	18
0.47	14.9	9.7	24
-0.55	14.9	9.9	26
-1.45	14.9	9.9	24
-2.35	15.0	10.0	23
-3.42	14.9	10.0	25
-4.59	14.9	10.0	24
-5.93	14.9	10.1	23
-7.12	14.9	10.1	24
-8.41	14.9	10.2	24
-9.60	14.9	10.2	26
-10.82	14.9	10.3	32
-11.89	15.0	10.4	39
-12.96	14.9	10.6	67
-14.04	15.0	11.0	68
-14.08	15.0	11.0	70

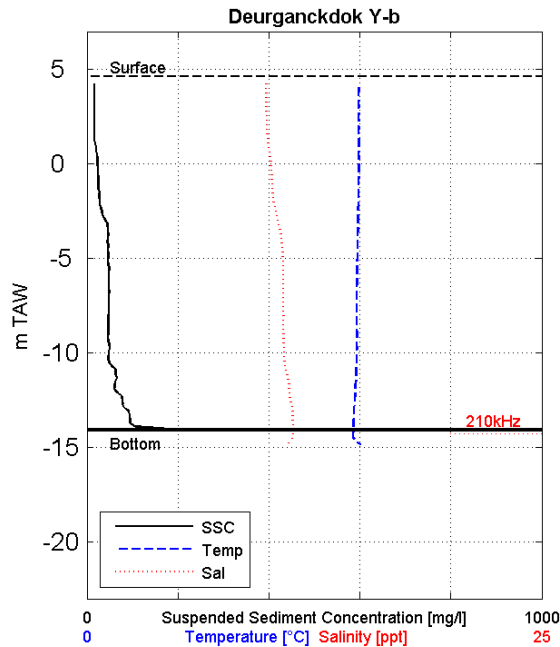
Depth Avg 14.9 10.1 29



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

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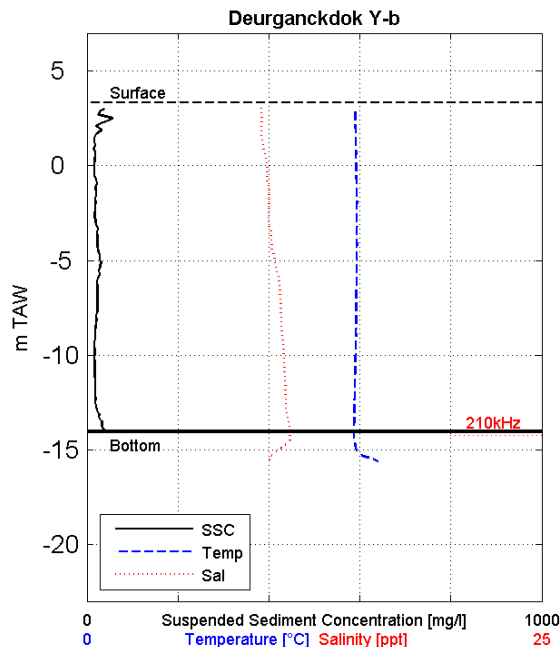
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1070Yb_ctd.sil 1086Yb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 13:18
 Time after/before HT [MET]: 0:18
 Coordinates [UTM-ED50] Easting: 588652
 Coordinates [UTM-ED50] Northing: 5684295
 Water-Bottom Interface Siltpr. [m TAW]: -14.08
 Waterdepth 210 kHz Echo [m TAW]: -14.28
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.62

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.33	14.9	NaN	16
4.27	14.9	9.8	17
4.25	14.9	9.8	13
4.21	14.9	9.8	16
4.17	14.9	9.8	16
3.40	14.9	9.8	14
2.37	14.9	9.8	14
1.36	14.9	9.9	15
0.21	14.9	10.1	22
-0.93	14.9	10.2	27
-2.10	14.9	10.3	26
-3.33	14.9	10.6	46
-4.36	14.9	10.7	48
-5.51	14.8	10.8	46
-6.62	14.8	10.8	48
-7.78	14.8	10.8	47
-8.83	14.8	10.8	46
-9.91	14.8	10.8	47
-10.82	14.9	10.9	62
-11.91	14.8	11.1	59
-13.00	14.7	11.3	88
-13.94	14.6	11.3	104
-14.08	14.6	11.3	224

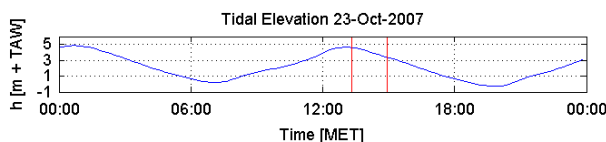
Depth Avg 14.8 10.5 42



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:57
 Time after/before HT [MET]: 1:57
 Coordinates [UTM-ED50] Easting: 588638
 Coordinates [UTM-ED50] Northing: 5684276
 Water-Bottom Interface Siltpr. [m TAW]: -14.05
 Waterdepth 210 kHz Echo [m TAW]: -14.25
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.06	14.8	9.6	35
2.59	14.8	9.6	22
2.08	14.8	9.6	8
1.30	14.8	9.6	13
0.32	14.8	9.8	14
-0.63	14.8	9.9	19
-1.47	14.8	10.0	19
-2.20	14.8	10.0	19
-3.01	14.8	10.0	19
-3.84	14.9	10.1	26
-4.73	14.8	10.2	28
-5.55	14.8	10.4	26
-6.42	14.8	10.6	23
-7.37	14.8	10.6	19
-8.25	14.8	10.7	20
-9.13	14.8	10.7	22
-9.96	14.8	10.8	16
-10.82	14.8	10.8	19
-11.61	14.7	10.9	21
-12.40	14.7	10.9	19
-13.25	14.7	11.0	28
-14.05	14.7	11.2	7354

Depth Avg 14.8 10.3 27



Data Processed by:



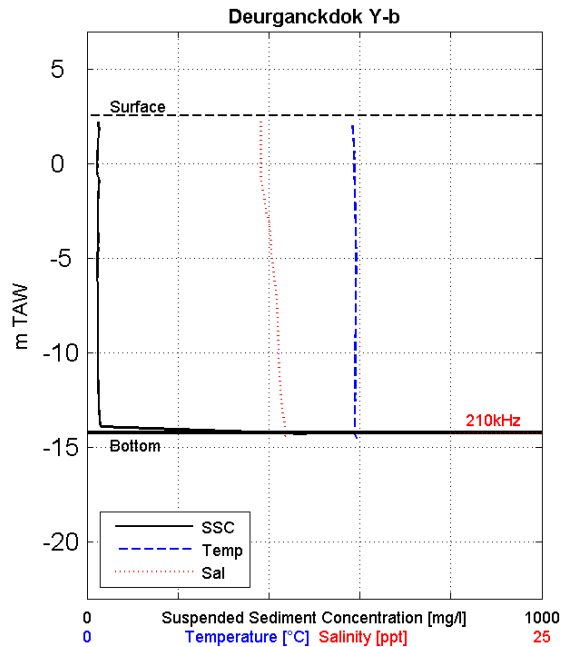
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

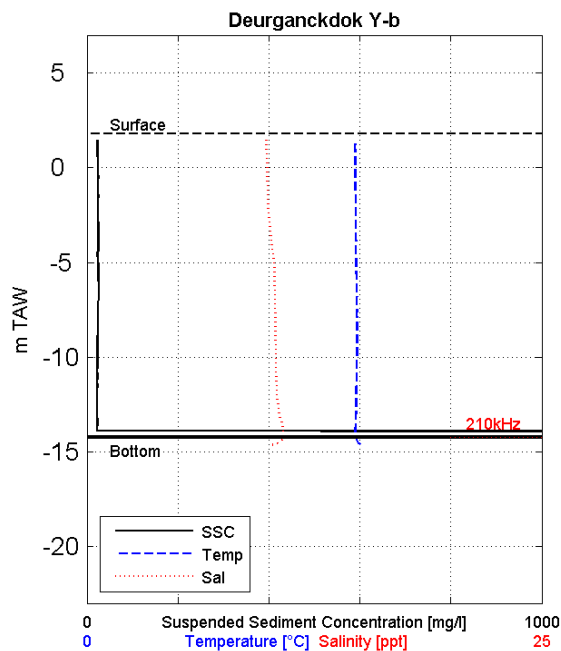
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1101Yb_ctd.sil 1116Yb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:51
 Time after/before HT [MET]: 2:51
 Coordinates [UTM-ED50] Easting: 588647
 Coordinates [UTM-ED50] Northing: 5684295
 Water-Bottom Interface Siltpr. [m TAW]: -14.21
 Waterdepth 210 kHz Echo [m TAW]: -14.25
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.55

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.27	14.5	9.5	24
1.72	14.6	9.6	24
1.13	14.7	9.6	24
0.41	14.7	9.5	22
-0.51	14.7	9.5	22
-1.46	14.7	9.7	23
-2.38	14.7	9.8	24
-3.19	14.8	10.0	23
-3.88	14.8	10.1	23
-4.70	14.8	10.1	18
-5.59	14.8	10.2	22
-6.48	14.7	10.4	23
-7.33	14.8	10.4	22
-8.18	14.8	10.5	23
-8.96	14.8	10.5	23
-9.69	14.8	10.5	27
-10.42	14.8	10.5	22
-11.18	14.7	10.6	23
-11.95	14.7	10.6	26
-12.75	14.7	10.7	27
-13.48	14.7	10.8	27
-14.09	14.7	10.9	35
-14.21	14.7	10.9	3756

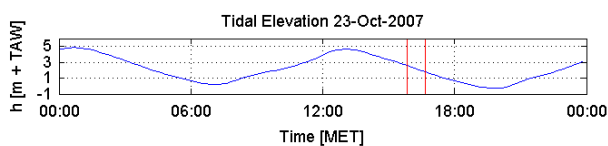
Depth Avg 14.7 10.2 30



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:39
 Time after/before HT [MET]: 3:39
 Coordinates [UTM-ED50] Easting: 588659
 Coordinates [UTM-ED50] Northing: 5684289
 Water-Bottom Interface Siltpr. [m TAW]: -14.24
 Waterdepth 210 kHz Echo [m TAW]: -14.22
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.78

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.48	14.8	9.8	23
1.00	14.7	9.9	23
0.43	14.7	9.9	22
-0.16	14.7	9.9	23
-0.85	14.8	9.9	24
-1.61	14.8	9.9	23
-2.34	14.7	10.0	23
-3.04	14.8	10.0	24
-3.69	14.8	10.1	25
-4.29	14.8	10.2	26
-4.98	14.8	10.3	23
-5.66	14.8	10.3	24
-6.35	14.8	10.3	24
-7.10	14.8	10.3	23
-7.74	14.8	10.3	23
-8.80	14.9	10.3	22
-9.71	14.8	10.4	22
-10.68	14.8	10.4	21
-11.56	14.8	10.4	22
-12.39	14.8	10.5	22
-13.16	14.7	10.6	22
-14.04	14.8	10.8	38
-14.24	14.8	10.8	15776

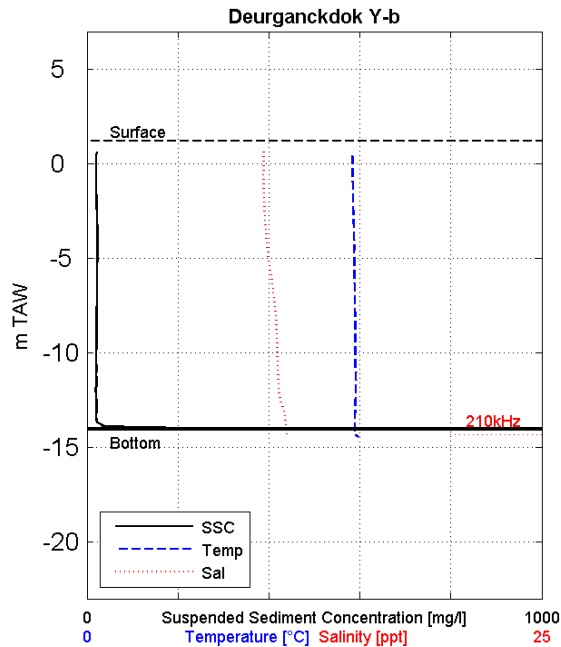
Depth Avg 14.8 10.2 251



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

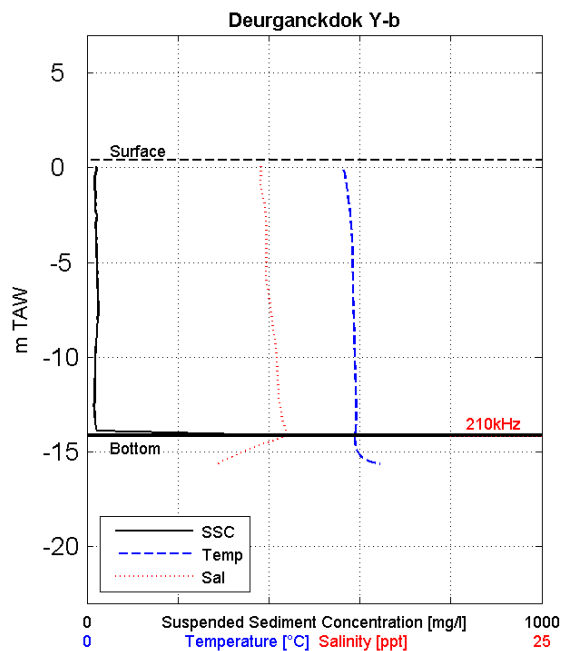
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1131Yb_ctd.sil 1147Yb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:19
 Time after/before HT [MET]: 4:19
 Coordinates [UTM-ED50] Easting: 588659
 Coordinates [UTM-ED50] Northing: 5684277
 Water-Bottom Interface Siltpr. [m TAW]: -14.04
 Waterdepth 210 kHz Echo [m TAW]: -14.32
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.18

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.61	14.5	9.7	22
0.54	14.6	9.7	20
0.49	14.5	9.7	19
0.44	14.5	9.7	18
0.12	14.6	9.7	19
-0.72	14.6	9.7	18
-1.50	14.6	9.7	20
-2.27	14.6	9.7	21
-3.02	14.6	9.8	22
-3.83	14.7	9.8	23
-4.81	14.7	9.9	22
-5.90	14.7	10.1	23
-6.80	14.7	10.2	21
-7.48	14.7	10.3	22
-8.18	14.8	10.4	22
-9.15	14.8	10.4	20
-10.04	14.7	10.4	19
-11.08	14.8	10.5	21
-11.84	14.7	10.5	18
-12.54	14.7	10.7	20
-13.11	14.7	10.8	19
-13.84	14.7	10.9	27
-14.04	14.7	11.0	741

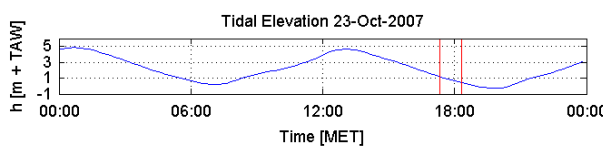
Depth Avg 14.7 10.2 23



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:19
 Time after/before HT [MET]: 5:19
 Coordinates [UTM-ED50] Easting: 588650
 Coordinates [UTM-ED50] Northing: 5684280
 Water-Bottom Interface Siltpr. [m TAW]: -14.13
 Waterdepth 210 kHz Echo [m TAW]: -14.21
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.39

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.10	14.0	9.5	21
-0.34	14.2	9.5	17
-0.82	14.2	9.5	17
-1.39	14.3	9.6	18
-1.95	14.4	9.8	18
-2.57	14.4	9.8	21
-3.23	14.5	9.9	21
-3.88	14.6	9.8	20
-4.59	14.6	9.8	22
-5.31	14.6	9.8	22
-5.95	14.6	9.8	24
-6.68	14.6	10.0	23
-7.51	14.6	10.1	27
-8.27	14.7	10.2	21
-9.04	14.7	10.3	22
-9.77	14.7	10.4	18
-10.53	14.7	10.4	17
-11.24	14.8	10.5	17
-11.95	14.8	10.5	17
-12.64	14.8	10.6	16
-13.35	14.8	10.8	15
-14.02	14.8	11.0	24
-14.13	14.8	11.0	16

Depth Avg 14.6 10.1 21



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283

Equipment(s):

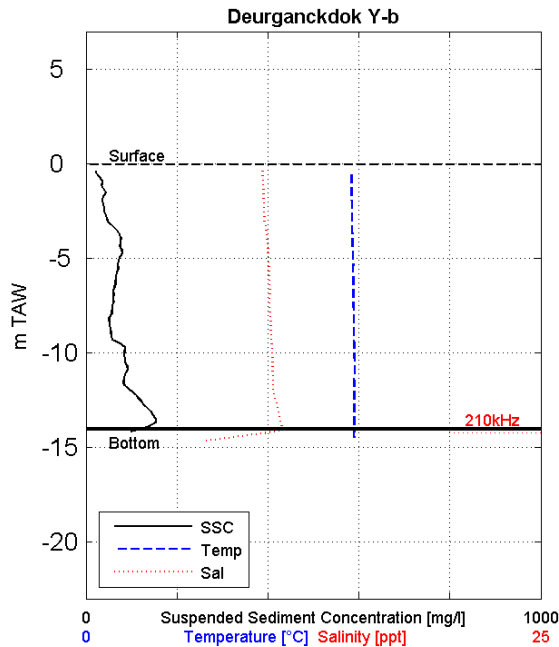
SiltProfiler & CTD-Diver

Sourcefile(s):

1162Yb_ctd.sil

Location:

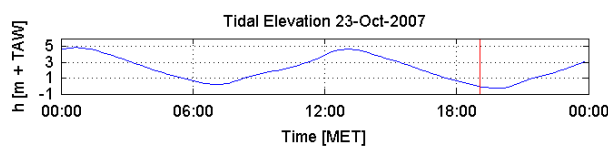
Deurganckdok



Siltprofiler

Date & Time [MET]: 23/10/2007 19:04
 Time after/before HT [MET]: 6:04
 Coordinates [UTM-ED50] Easting: 588649
 Coordinates [UTM-ED50] Northing: 5684284
 Water-Bottom Interface Siltpr. [m TAW]: -14.05
 Waterdepth 210 kHz Echo [m TAW]: -14.24
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.04

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.32	14.6	9.7	21
-0.70	14.6	9.7	32
-1.20	14.6	9.7	39
-1.77	14.6	9.8	34
-2.41	14.6	9.8	40
-3.07	14.6	9.8	48
-3.75	14.6	9.9	73
-4.40	14.6	10.0	77
-5.03	14.7	10.0	70
-5.69	14.7	10.0	66
-6.40	14.7	10.1	65
-7.04	14.7	10.1	59
-7.76	14.7	10.1	56
-8.49	14.8	10.2	52
-9.22	14.7	10.2	56
-9.95	14.8	10.2	87
-10.70	14.8	10.2	91
-11.43	14.7	10.3	82
-12.10	14.7	10.3	103
-12.76	14.7	10.5	128
-13.36	14.7	10.6	151
-13.97	14.7	10.8	121
-14.05	14.8	10.8	95
Depth Avg	14.7	10.1	71



Data Processed by:



In association with:

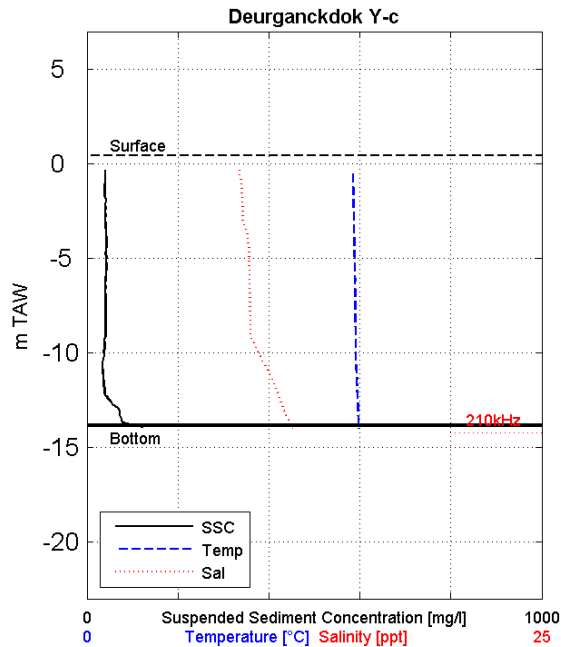


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F.8 Location Yc

Through tide measurements Siltprofiler 23 October 2007

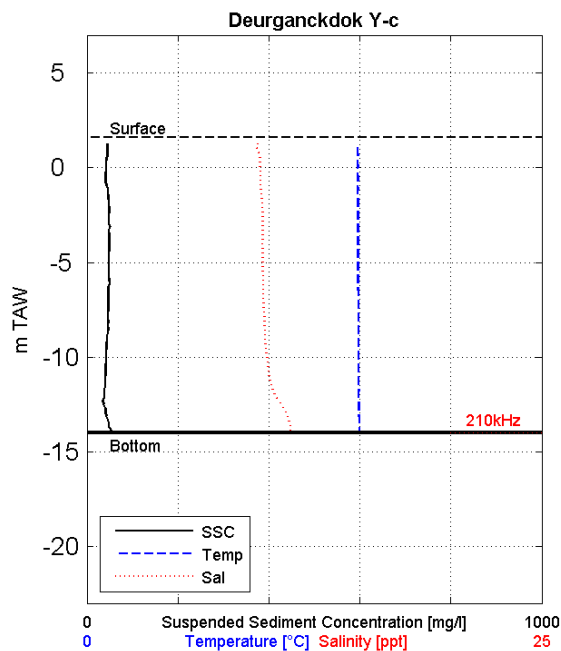
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1008Yc_ctd.sil 1023Yc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:45
 Time after/before HT [MET]: -5:14
 Coordinates [UTM-ED50] Easting: 588688
 Coordinates [UTM-ED50] Northing: 5684363
 Water-Bottom Interface Siltpr. [m TAW]: -13.83
 Waterdepth 210 kHz Echo [m TAW]: -14.25
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.45

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.25	14.6	8.3	40
-0.35	14.6	8.3	40
-0.77	14.6	8.4	38
-1.34	14.6	8.5	37
-1.99	14.6	8.5	39
-2.71	14.7	8.5	40
-3.50	14.6	8.7	41
-4.23	14.7	8.9	41
-4.95	14.7	8.9	44
-5.60	14.7	8.9	43
-6.28	14.7	8.9	43
-7.06	14.7	9.0	43
-7.81	14.7	9.0	41
-8.55	14.7	9.0	40
-9.20	14.8	9.0	37
-9.81	14.8	9.4	36
-10.49	14.8	9.7	32
-11.20	14.8	10.1	35
-11.94	14.8	10.4	37
-12.66	14.9	10.7	50
-13.28	14.9	10.9	72
-13.83	14.9	11.2	105
-13.83	14.9	11.2	105

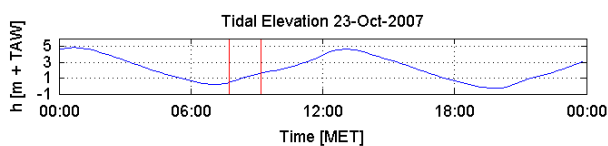
Depth Avg 14.7 9.2 42



Siltprofiler
 Date & Time [MET]: 23/10/2007 09:11
 Time after/before HT [MET]: -3:48
 Coordinates [UTM-ED50] Easting: 588693
 Coordinates [UTM-ED50] Northing: 5684363
 Water-Bottom Interface Siltpr. [m TAW]: -13.98
 Waterdepth 210 kHz Echo [m TAW]: -14.00
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.60

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.28	14.8	9.5	45
0.74	14.9	9.5	45
0.11	14.9	9.5	41
-0.68	14.9	9.5	40
-1.51	14.9	9.6	46
-2.34	14.9	9.6	51
-3.14	14.9	9.7	49
-3.93	14.9	9.6	50
-4.76	14.9	9.7	48
-5.51	14.9	9.7	49
-6.22	14.9	9.7	45
-7.05	14.9	9.7	47
-7.82	14.9	9.7	45
-8.52	14.9	9.8	50
-9.26	14.9	9.8	42
-9.93	14.9	9.9	40
-10.69	14.9	10.0	41
-11.32	14.9	10.1	40
-11.94	14.9	10.3	37
-12.57	15.0	10.7	37
-13.17	14.9	11.1	42
-13.82	14.9	11.2	47
-13.98	14.9	11.2	504

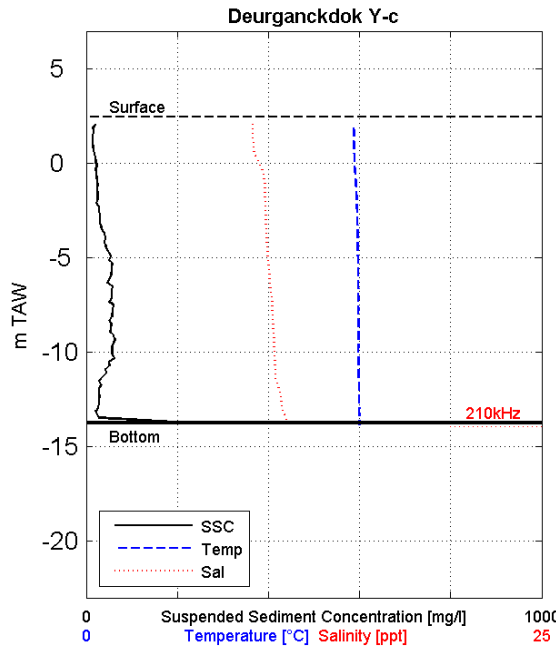
Depth Avg 14.9 9.8 45



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

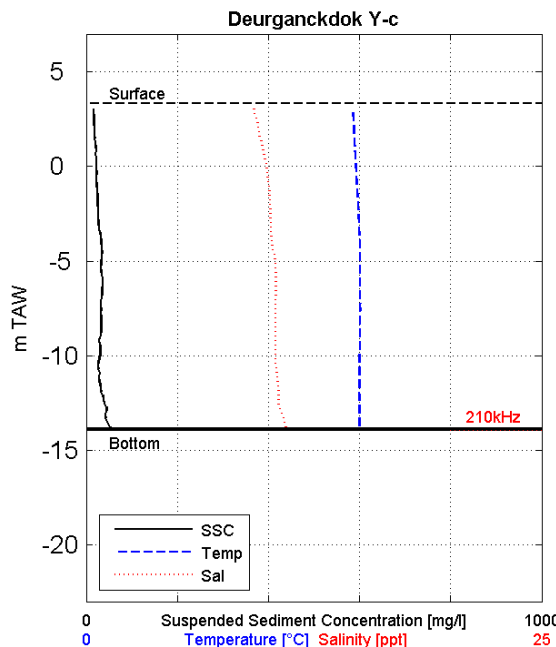
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1039Yc_ctd.sil 1054Yc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:34
 Time after/before HT [MET]: -2:25
 Coordinates [UTM-ED50] Easting: 588695
 Coordinates [UTM-ED50] Northing: 5684368
 Water-Bottom Interface Siltpr. [m TAW]: -13.75
 Waterdepth 210 kHz Echo [m TAW]: -13.93
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.47

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.17	14.6	NaN	22
2.05	14.7	9.1	26
2.01	14.7	9.1	15
1.96	14.7	9.1	15
1.86	14.6	9.1	16
1.42	14.7	9.1	14
0.43	14.7	9.3	22
-0.62	14.8	9.7	25
-1.71	14.8	9.8	27
-2.90	14.9	9.8	30
-4.13	14.9	9.9	43
-5.21	14.9	10.0	54
-6.17	14.9	10.1	52
-7.20	14.9	10.2	56
-8.25	15.0	10.2	44
-9.19	14.9	10.3	54
-10.06	14.9	10.3	43
-11.04	14.9	10.3	38
-11.76	14.9	10.5	34
-12.40	15.0	10.7	26
-13.38	15.0	10.9	17
-13.75	15.0	11.0	35
-13.75	14.9	11.0	1965

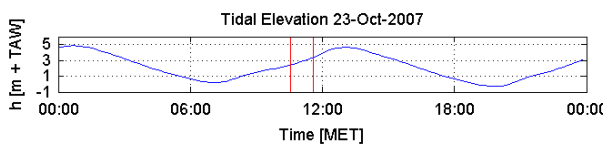
Depth Avg 14.9 10.0 39



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:34
 Time after/before HT [MET]: -1:25
 Coordinates [UTM-ED50] Easting: 588712
 Coordinates [UTM-ED50] Northing: 5684372
 Water-Bottom Interface Siltpr. [m TAW]: -13.91
 Waterdepth 210 kHz Echo [m TAW]: -13.95
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.07	14.6	9.2	15
3.02	14.6	9.2	15
2.98	14.6	9.2	16
2.95	14.7	9.2	13
2.53	14.6	9.3	16
1.54	14.7	9.5	18
0.42	14.8	9.8	21
-0.66	14.8	10.0	21
-1.60	14.9	10.1	24
-2.52	14.9	10.1	24
-3.57	15.0	10.1	30
-4.62	15.0	10.3	35
-5.63	15.1	10.4	34
-6.47	15.0	10.4	36
-7.32	15.0	10.4	32
-8.19	15.0	10.4	33
-9.38	15.0	10.4	31
-10.44	15.0	10.4	27
-11.39	15.0	10.5	29
-12.30	15.0	10.5	37
-13.12	15.0	10.7	38
-13.83	15.0	11.0	52
-13.91	15.0	11.0	56

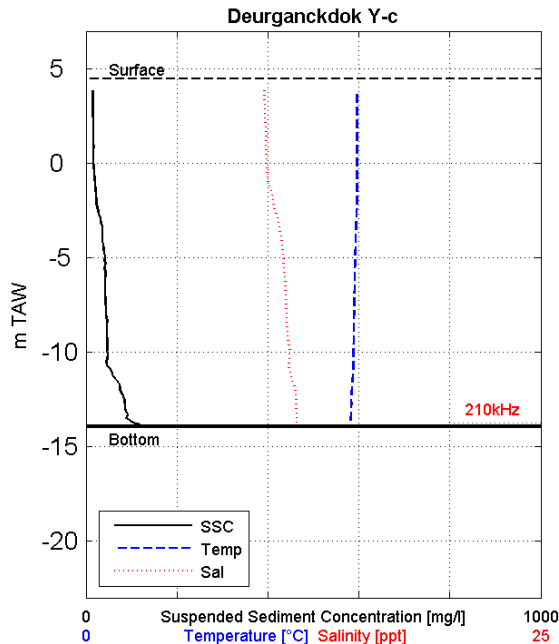
Depth Avg 14.9 10.2 29



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

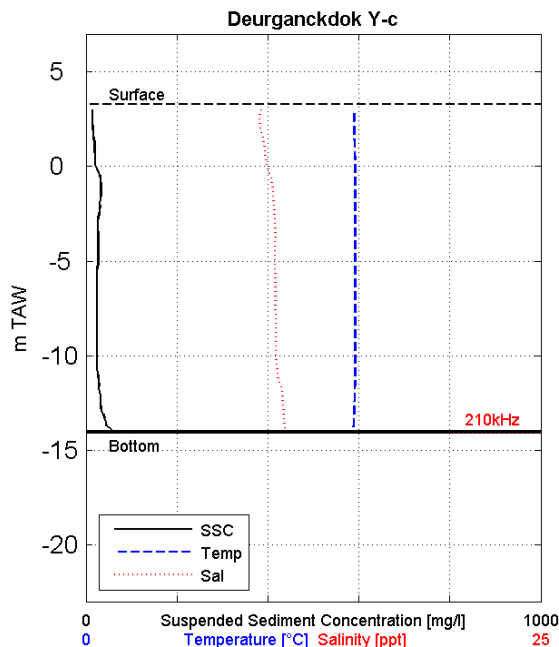
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1071Yc_ctd.sil 1087Yc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 13:37
 Time after/before HT [MET]: 0:37
 Coordinates [UTM-ED50] Easting: 588705
 Coordinates [UTM-ED50] Northing: 5684357
 Water-Bottom Interface Siltpr. [m TAW]: -13.92
 Waterdepth 210 kHz Echo [m TAW]: -13.73
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.47

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.97	14.8	NaN	14
3.88	14.9	9.8	14
3.85	14.9	9.8	14
3.82	14.9	9.8	12
3.78	14.9	9.8	14
3.60	14.9	9.8	14
2.51	14.9	9.8	14
1.26	14.9	9.9	15
-0.14	14.9	9.9	17
-1.29	14.8	10.1	21
-2.61	14.9	10.4	26
-3.66	14.8	10.7	35
-4.94	14.8	10.8	43
-5.97	14.7	10.9	41
-7.21	14.7	11.0	42
-8.38	14.7	11.0	47
-9.48	14.7	11.1	47
-10.66	14.7	11.1	45
-11.61	14.6	11.4	71
-12.84	14.6	11.6	87
-13.81	14.5	11.6	104
-13.89	14.6	11.6	120
-13.92	14.5	11.6	129

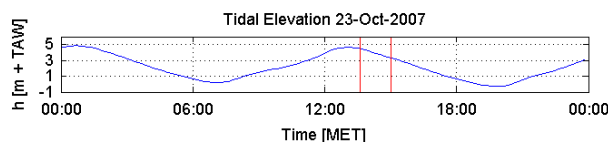
Depth Avg 14.8 10.6 38



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:00
 Time after/before HT [MET]: 2:00
 Coordinates [UTM-ED50] Easting: 588691
 Coordinates [UTM-ED50] Northing: 5684376
 Water-Bottom Interface Siltpr. [m TAW]: -14.06
 Waterdepth 210 kHz Echo [m TAW]: -14.10
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.30

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.02	14.7	9.6	13
2.37	14.7	9.5	13
1.67	14.8	9.7	16
0.91	14.8	9.8	23
0.18	14.8	9.9	19
-0.55	14.8	10.1	31
-1.32	14.8	10.3	31
-2.05	14.8	10.3	31
-2.87	14.8	10.4	24
-3.72	14.8	10.4	27
-4.54	14.8	10.4	28
-5.36	14.8	10.4	24
-6.25	14.8	10.4	25
-7.23	14.8	10.4	23
-8.13	14.8	10.4	22
-9.02	14.8	10.4	22
-9.92	14.8	10.4	24
-10.66	14.8	10.5	24
-11.46	14.8	10.7	28
-12.32	14.7	10.8	33
-13.21	14.7	10.9	45
-13.97	14.7	10.9	58
-14.06	14.7	11.0	59

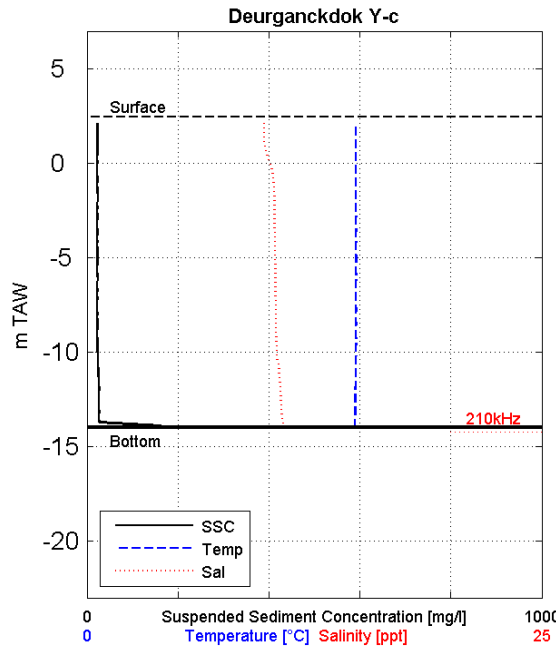
Depth Avg 14.8 10.3 25



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

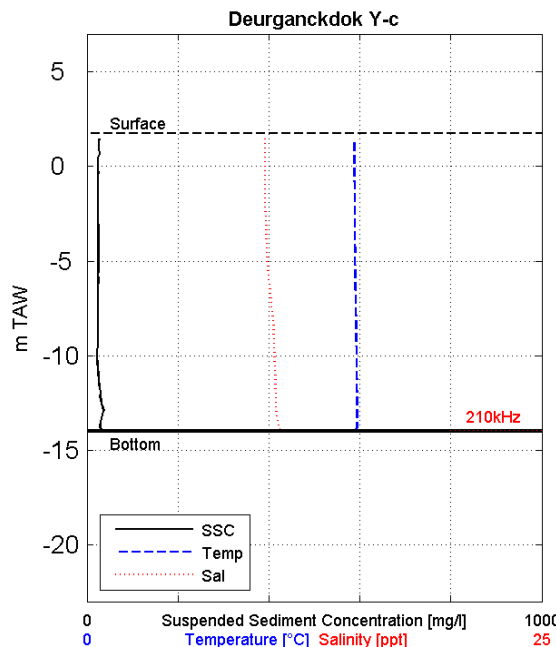
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1102Yc_ctd.sil 1117Yc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:56
 Time after/before HT [MET]: 2:56
 Coordinates [UTM-ED50] Easting: 588691
 Coordinates [UTM-ED50] Northing: 5684369
 Water-Bottom Interface Siltpr. [m TAW]: -13.99
 Waterdepth 210 kHz Echo [m TAW]: -14.23
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.47

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.18	14.7	9.7	24
1.61	14.7	9.7	21
0.94	14.8	9.8	22
0.17	14.7	10.0	22
-0.69	14.8	10.2	23
-1.62	14.7	10.3	22
-2.52	14.8	10.3	21
-3.40	14.8	10.3	22
-4.22	14.8	10.3	22
-5.00	14.8	10.3	24
-5.74	14.8	10.4	23
-6.61	14.8	10.4	21
-7.46	14.8	10.4	21
-8.26	14.8	10.4	22
-9.07	14.8	10.4	23
-9.79	14.8	10.4	21
-10.54	14.8	10.5	24
-11.32	14.8	10.6	26
-12.11	14.8	10.6	24
-12.88	14.7	10.7	26
-13.66	14.7	10.8	28
-13.92	14.7	10.8	169
-13.99	14.7	10.8	367

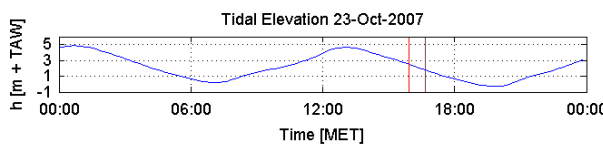
Depth Avg 14.8 10.3 24



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:41
 Time after/before HT [MET]: 3:41
 Coordinates [UTM-ED50] Easting: 588696
 Coordinates [UTM-ED50] Northing: 5684359
 Water-Bottom Interface Siltpr. [m TAW]: -13.99
 Waterdepth 210 kHz Echo [m TAW]: -13.95
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.75

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.46	14.7	9.8	28
0.73	14.7	9.8	29
-0.15	14.7	9.8	24
-1.13	14.7	9.8	23
-2.03	14.7	9.8	24
-2.97	14.7	9.8	23
-3.86	14.7	9.9	26
-4.87	14.8	9.9	26
-5.81	14.7	10.0	22
-6.75	14.8	10.1	23
-7.71	14.8	10.2	23
-8.61	14.8	10.3	22
-9.40	14.8	10.3	26
-10.14	14.8	10.3	17
-10.93	14.8	10.3	24
-11.78	14.8	10.3	28
-12.60	14.8	10.4	31
-13.33	14.8	10.4	30
-13.85	14.8	10.6	31
-13.89	14.8	10.6	27
-13.93	14.8	10.6	28
-13.95	14.8	10.6	32
-13.99	14.8	10.6	32

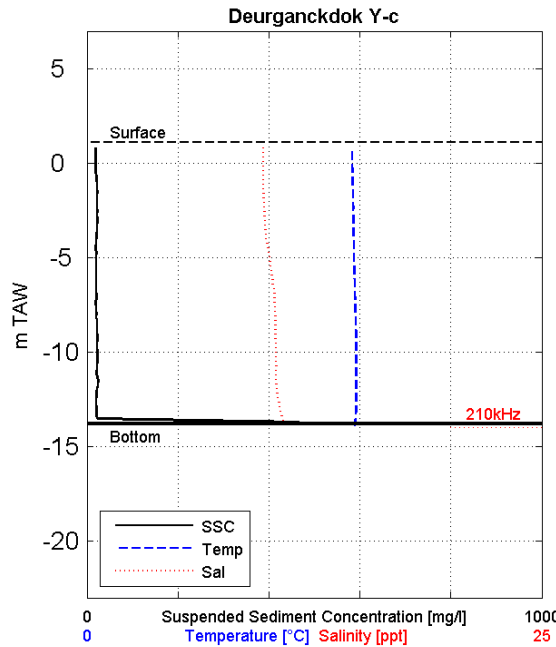
Depth Avg 14.8 10.0 25



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

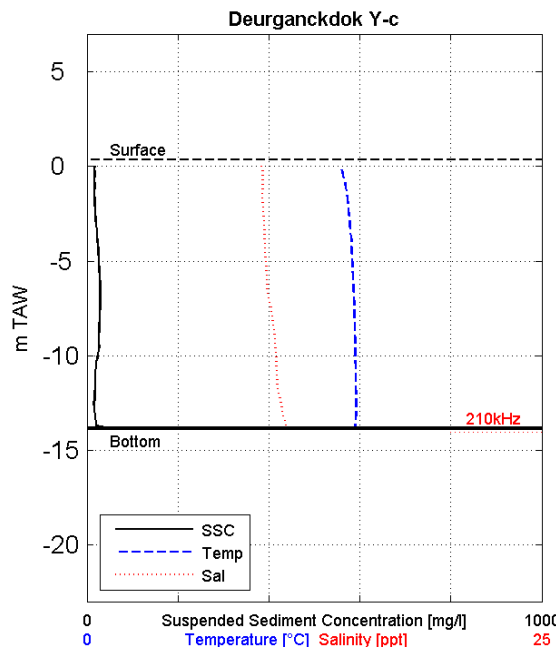
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1132Yc_ctd.sil 1148Yc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:22
 Time after/before HT [MET]: 4:22
 Coordinates [UTM-ED50] Easting: 588692
 Coordinates [UTM-ED50] Northing: 5684358
 Water-Bottom Interface Siltpr. [m TAW]: -13.79
 Waterdepth 210 kHz Echo [m TAW]: -13.97
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.13

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.84	14.6	9.7	18
0.29	14.6	9.7	19
-0.37	14.6	9.7	19
-0.98	14.6	9.7	20
-1.85	14.6	9.7	22
-2.62	14.6	9.7	22
-3.43	14.7	9.8	21
-4.17	14.7	9.9	19
-4.95	14.7	10.0	18
-5.62	14.6	10.1	19
-6.35	14.7	10.2	19
-7.09	14.7	10.3	19
-7.77	14.7	10.3	19
-8.41	14.8	10.4	20
-9.02	14.8	10.3	21
-9.68	14.8	10.3	21
-10.41	14.8	10.4	24
-11.18	14.8	10.4	22
-11.83	14.8	10.4	23
-12.56	14.8	10.5	21
-13.24	14.8	10.7	21
-13.76	14.7	10.8	26
-13.79	14.7	10.8	79

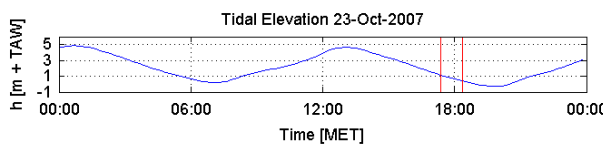
Depth Avg 14.7 10.1 24



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:21
 Time after/before HT [MET]: 5:21
 Coordinates [UTM-ED50] Easting: 588698
 Coordinates [UTM-ED50] Northing: 5684366
 Water-Bottom Interface Siltpr. [m TAW]: -13.84
 Waterdepth 210 kHz Echo [m TAW]: -14.03
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.37

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.08	13.9	9.6	18
-0.60	14.1	9.6	16
-1.21	14.2	9.6	17
-1.76	14.3	9.6	16
-2.31	14.4	9.7	18
-2.77	14.4	9.7	18
-3.30	14.4	9.7	23
-4.03	14.5	9.8	23
-4.61	14.6	9.8	25
-5.26	14.6	9.8	26
-6.02	14.6	9.9	27
-6.75	14.7	9.9	30
-7.33	14.7	10.1	29
-8.08	14.7	10.2	27
-8.82	14.7	10.3	19
-9.64	14.8	10.4	27
-10.40	14.7	10.4	21
-11.22	14.8	10.4	18
-11.87	14.8	10.5	18
-12.55	14.8	10.7	16
-13.18	14.8	10.8	17
-13.79	14.8	10.9	22
-13.84	14.7	10.9	21

Depth Avg 14.6 10.1 22



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283

Equipment(s):

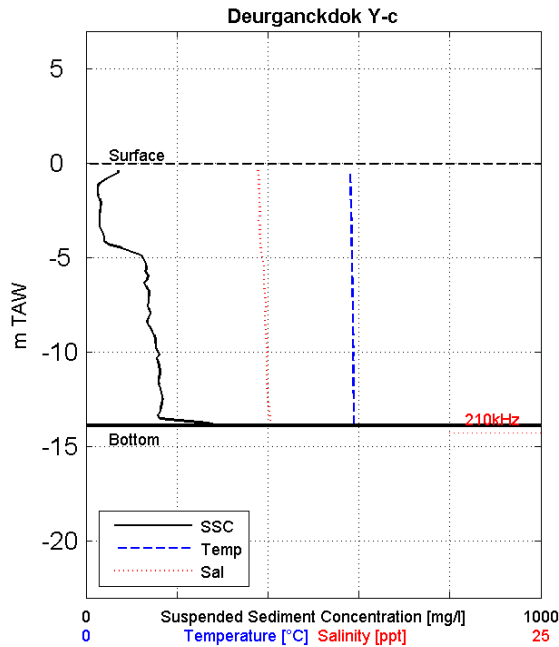
SiltProfiler & CTD-Diver

Sourcefile(s):

1163Yc_ctd.sil

Location:

Deurganckdok

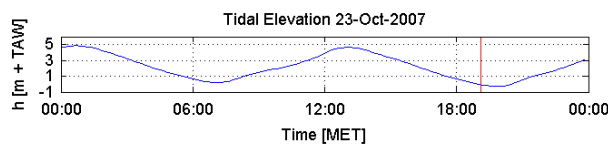


Siltprofiler

Date & Time [MET]: 23/10/2007 19:06
 Time after/before HT [MET]: 6:06
 Coordinates [UTM-ED50] Easting: 588690
 Coordinates [UTM-ED50] Northing: 5684368
 Water-Bottom Interface Siltpr. [m TAW]: -13.91
 Waterdepth 210 kHz Echo [m TAW]: -14.26
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.06

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.34	14.5	9.4	70
-1.03	14.6	9.5	30
-1.70	14.5	9.5	26
-2.49	14.6	9.5	31
-3.22	14.6	9.5	28
-4.02	14.6	9.6	39
-4.78	14.6	9.6	120
-5.44	14.6	9.8	134
-6.20	14.6	9.8	134
-7.03	14.7	9.8	137
-7.76	14.7	9.9	138
-8.56	14.7	9.8	137
-9.34	14.7	9.9	153
-10.09	14.7	9.9	158
-10.82	14.7	9.9	163
-11.56	14.7	9.9	161
-12.21	14.7	10.0	168
-12.94	14.7	10.0	165
-13.68	14.7	10.1	168
-13.81	14.7	10.1	173
-13.85	14.7	10.1	175
-13.89	14.7	10.1	172
-13.91	14.7	10.1	168

Depth Avg **14.6** **9.8** **114**



Data Processed by:



In association with:

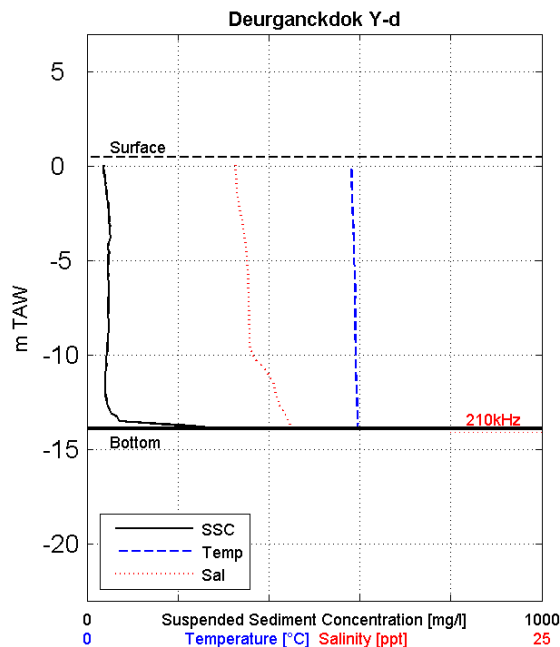


I/RA/11283/07.086/MSA

F.9 Location Yd

Through tide measurements Siltprofiler 23 October 2007

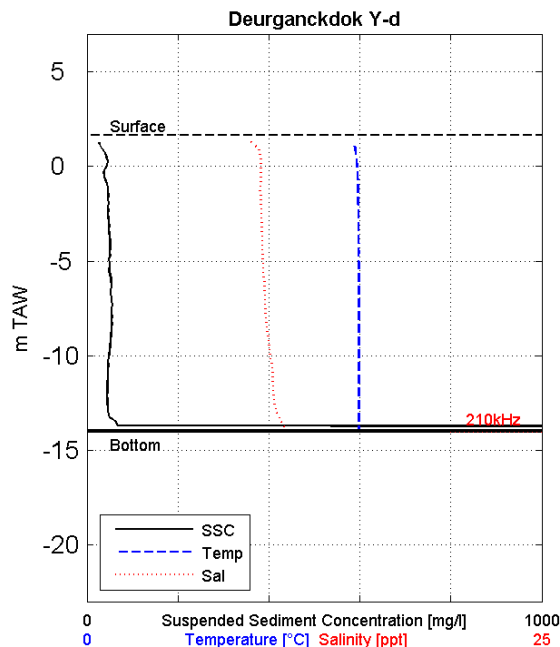
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1009Yd_ctd.sil 1024Yd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:49
 Time after/before HT [MET]: -5:10
 Coordinates [UTM-ED50] Easting: 588746
 Coordinates [UTM-ED50] Northing: 5684433
 Water-Bottom Interface Siltpr. [m TAW]: -13.91
 Waterdepth 210 kHz Echo [m TAW]: -14.10
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.50

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.13	14.5	8.2	38
0.06	14.5	8.2	45
0.02	14.6	8.1	39
-0.05	14.5	8.2	35
-0.95	14.6	8.2	41
-1.82	14.6	8.3	45
-2.87	14.6	8.5	47
-4.03	14.7	8.7	47
-5.05	14.7	8.8	47
-6.15	14.7	8.9	47
-7.23	14.7	8.9	47
-8.26	14.7	8.9	47
-9.25	14.8	8.9	45
-10.24	14.7	9.3	41
-11.12	14.8	10.0	39
-12.02	14.8	10.4	41
-12.91	14.9	10.7	51
-13.76	14.9	11.2	309
-13.79	14.9	11.2	233
-13.82	14.9	11.2	218
-13.84	14.9	11.2	239
-13.87	14.9	11.2	258
-13.91	14.9	11.2	226

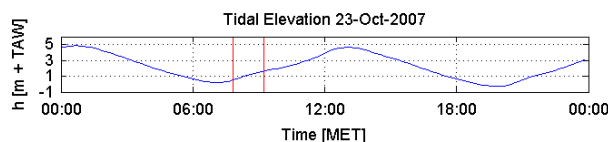
Depth Avg 14.7 9.1 48



Siltprofiler
 Date & Time [MET]: 23/10/2007 09:14
 Time after/before HT [MET]: -3:45
 Coordinates [UTM-ED50] Easting: 588750
 Coordinates [UTM-ED50] Northing: 5684438
 Water-Bottom Interface Siltpr. [m TAW]: -14.00
 Waterdepth 210 kHz Echo [m TAW]: -14.07
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.35	14.6	9.0	28
1.28	14.6	9.0	18
1.25	14.7	9.0	29
1.22	14.7	9.1	28
1.15	14.7	9.2	26
0.64	14.8	9.5	37
-0.04	14.8	9.6	40
-0.88	14.9	9.5	42
-2.05	14.9	9.6	41
-3.19	14.9	9.6	48
-4.16	14.9	9.6	51
-5.14	14.9	9.7	48
-6.35	14.9	9.8	52
-7.48	14.9	9.8	53
-8.44	14.9	9.9	53
-9.34	14.9	10.0	53
-10.26	14.9	10.1	47
-11.32	14.9	10.2	46
-12.41	14.9	10.3	47
-13.46	14.9	10.6	61
-13.90	14.9	10.9	8012
-13.97	14.9	11.0	10159
-14.00	14.9	11.0	9833

Depth Avg 14.9 9.8 101



Data Processed by:



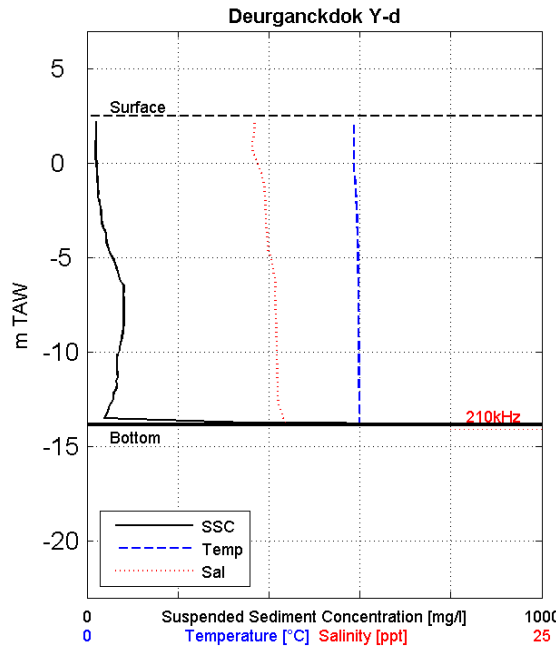
In association with:



I/RA/11283/07.086/MSA

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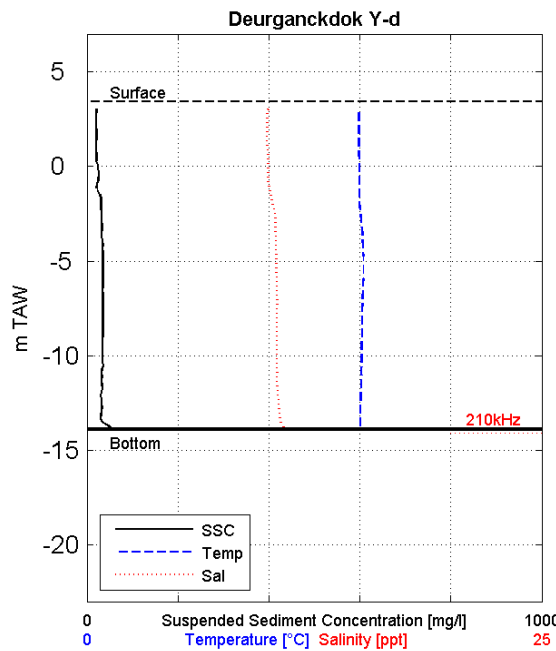
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1040Yd_ctd.sil 1055Yd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:37
 Time after/before HT [MET]: -2:22
 Coordinates [UTM-ED50] Easting: 588730
 Coordinates [UTM-ED50] Northing: 5684451
 Water-Bottom Interface Siltpr. [m TAW]: -13.82
 Waterdepth 210 kHz Echo [m TAW]: -14.10
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.50

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.22	14.7	NaN	19
2.16	14.7	9.2	19
2.13	14.7	9.2	19
2.09	14.7	9.2	21
2.05	14.7	9.2	20
1.38	14.6	9.1	19
0.55	14.6	9.1	18
-0.36	14.7	9.5	22
-1.31	14.8	9.7	22
-2.34	14.8	9.8	30
-3.36	14.9	9.8	35
-4.30	14.9	9.9	45
-5.30	14.9	10.2	62
-6.37	14.9	10.3	76
-7.30	14.9	10.3	80
-8.37	15.0	10.4	82
-9.35	14.9	10.4	76
-10.27	14.9	10.4	63
-11.24	14.9	10.5	70
-12.17	14.9	10.4	57
-13.15	15.0	10.7	46
-13.76	15.0	10.9	21
-13.82	15.0	10.9	1588

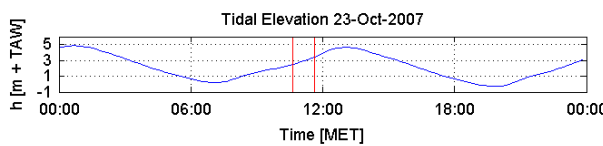
Depth Avg 14.8 10.0 55



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:37
 Time after/before HT [MET]: -1:22
 Coordinates [UTM-ED50] Easting: 588746
 Coordinates [UTM-ED50] Northing: 5684437
 Water-Bottom Interface Siltpr. [m TAW]: -13.91
 Waterdepth 210 kHz Echo [m TAW]: -14.09
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.41

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.12	14.8	9.9	17
3.05	14.9	9.9	20
3.02	14.9	9.9	20
2.99	14.9	9.9	21
2.94	15.0	9.9	21
1.99	14.9	9.9	21
0.66	15.0	9.9	20
-0.66	14.9	9.9	24
-2.26	15.0	10.3	28
-3.73	15.1	10.4	34
-5.11	15.2	10.4	35
-6.43	15.2	10.4	34
-7.77	15.1	10.4	35
-9.27	15.1	10.4	31
-10.73	15.1	10.4	32
-12.17	15.0	10.5	30
-13.50	15.1	10.6	30
-13.77	15.0	10.8	56
-13.79	15.0	10.8	101
-13.82	15.1	10.8	28
-13.84	15.1	10.9	27
-13.91	15.0	10.9	95
-13.91	15.0	10.9	95

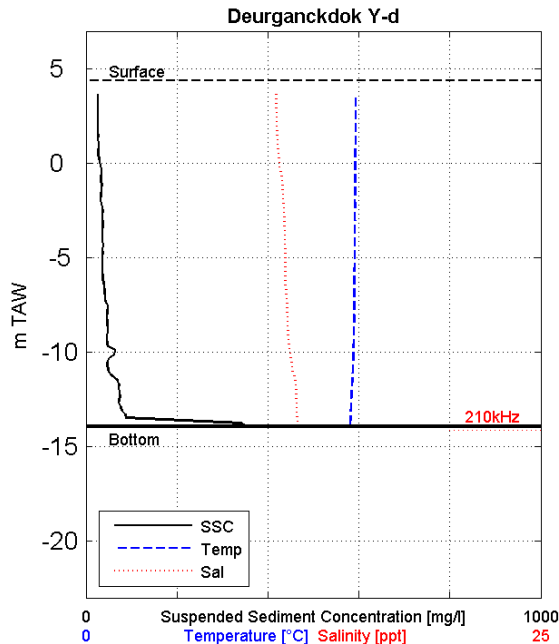
Depth Avg 15.0 10.3 30



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

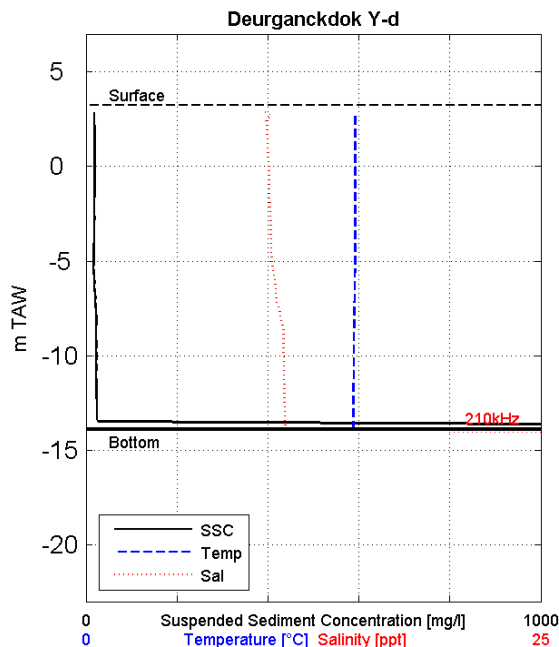
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1072Yd_ctd.sil 1088Yd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 13:45
 Time after/before HT [MET]: 0:45
 Coordinates [UTM-ED50] Easting: 588735
 Coordinates [UTM-ED50] Northing: 5684448
 Water-Bottom Interface Siltpr. [m TAW]: -13.93
 Waterdepth 210 kHz Echo [m TAW]: -14.13
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.37

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.74	14.8	10.4	26
3.67	14.8	10.4	25
3.63	14.8	10.4	26
3.58	14.8	10.4	27
2.79	14.8	10.4	25
1.52	14.8	10.5	26
-0.04	14.8	10.6	30
-1.65	14.8	10.8	32
-2.99	14.8	10.9	37
-4.44	14.7	10.9	37
-5.77	14.8	10.9	34
-7.25	14.8	11.0	42
-8.55	14.7	11.1	47
-9.99	14.7	11.2	62
-11.33	14.7	11.4	62
-12.69	14.6	11.6	69
-13.74	14.5	11.6	387
-13.76	14.5	11.6	393
-13.79	14.5	11.6	149
-13.81	14.5	11.6	195
-13.83	14.5	11.6	93
-13.85	14.5	11.6	314
-13.93	14.5	11.6	311

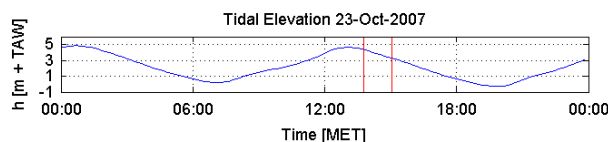
Depth Avg 14.7 10.9 45



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:04
 Time after/before HT [MET]: 2:04
 Coordinates [UTM-ED50] Easting: 588740
 Coordinates [UTM-ED50] Northing: 5684429
 Water-Bottom Interface Siltpr. [m TAW]: -13.89
 Waterdepth 210 kHz Echo [m TAW]: -14.05
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.25

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.90	14.8	10.1	18
2.27	14.8	9.9	19
1.65	14.8	10.0	19
0.98	14.8	10.0	21
0.23	14.8	10.0	19
-0.79	14.8	10.0	19
-1.84	14.8	10.1	18
-2.76	14.8	10.1	19
-3.72	14.8	10.2	16
-4.67	14.8	10.2	17
-5.78	14.8	10.3	17
-6.90	14.8	10.4	21
-7.83	14.7	10.7	23
-8.75	14.7	10.8	22
-9.68	14.7	10.9	22
-10.65	14.7	10.8	24
-11.67	14.7	10.9	23
-12.60	14.7	10.9	24
-13.45	14.7	10.9	26
-13.77	14.7	10.9	3538
-13.82	14.7	10.9	3543
-13.86	14.7	10.9	3043
-13.89	14.7	10.9	1812

Depth Avg 14.8 10.4 45



Data Processed by:



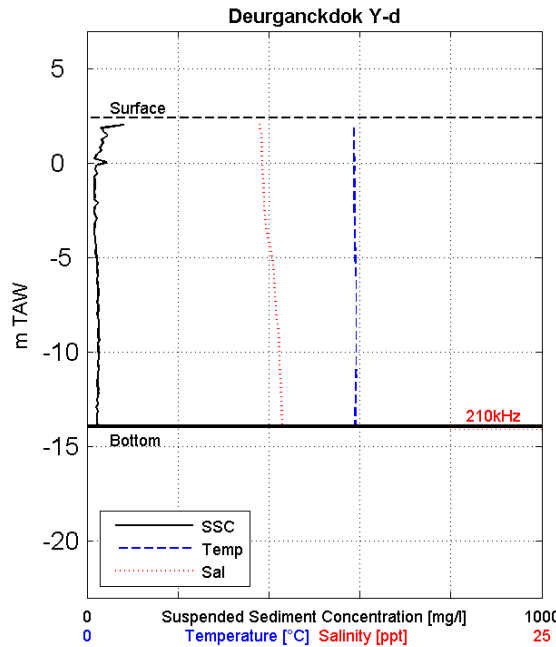
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

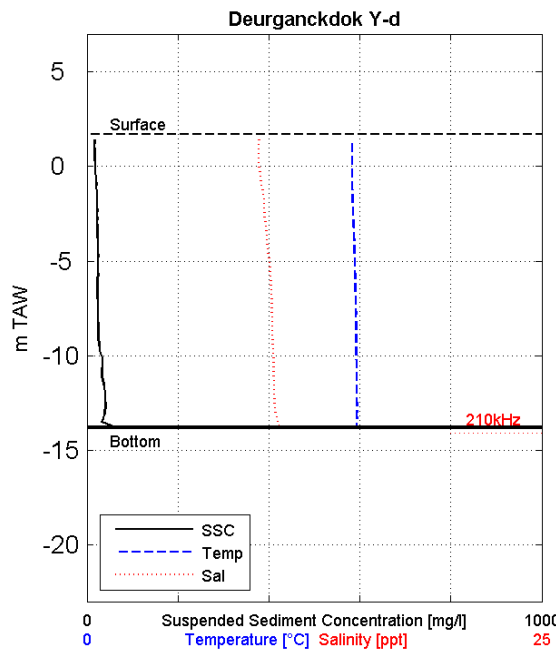
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1103Yd_ctd.sil 1118Yd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:59
 Time after/before HT [MET]: 2:59
 Coordinates [UTM-ED50] Easting: 588736
 Coordinates [UTM-ED50] Northing: 5684443
 Water-Bottom Interface Siltpr. [m TAW]: -13.96
 Waterdepth 210 kHz Echo [m TAW]: -14.08
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.42

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.13	14.7	9.4	67
1.91	14.7	9.5	20
1.72	14.7	9.5	23
1.32	14.7	9.6	17
0.82	14.7	9.6	51
0.02	14.7	9.6	15
-0.86	14.7	9.7	15
-1.81	14.7	9.7	15
-2.90	14.7	9.8	17
-3.95	14.7	10.0	21
-4.91	14.7	10.2	21
-5.81	14.8	10.3	23
-6.67	14.8	10.3	25
-7.58	14.8	10.4	24
-8.54	14.8	10.5	23
-9.47	14.8	10.5	21
-10.32	14.8	10.6	28
-11.21	14.8	10.6	22
-11.94	14.8	10.6	26
-12.78	14.7	10.7	18
-13.65	14.7	10.7	23
-13.91	14.8	10.7	24
-13.96	14.7	10.7	143

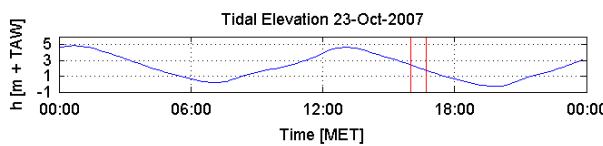
Depth Avg **14.7** **10.1** **24**



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:43
 Time after/before HT [MET]: 3:43
 Coordinates [UTM-ED50] Easting: 588752
 Coordinates [UTM-ED50] Northing: 5684436
 Water-Bottom Interface Siltpr. [m TAW]: -13.81
 Waterdepth 210 kHz Echo [m TAW]: -14.08
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.72

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.43	14.6	9.4	17
0.69	14.6	9.4	17
-0.16	14.6	9.5	17
-1.07	14.6	9.6	20
-1.93	14.6	9.7	21
-2.88	14.6	9.8	22
-3.82	14.7	9.9	22
-4.75	14.7	10.0	24
-5.77	14.7	10.1	24
-6.67	14.7	10.1	22
-7.70	14.8	10.1	25
-8.65	14.7	10.2	26
-9.56	14.8	10.2	27
-10.48	14.8	10.3	32
-11.34	14.8	10.2	35
-12.17	14.8	10.3	41
-13.04	14.8	10.4	40
-13.66	14.8	10.5	40
-13.69	14.8	10.5	47
-13.72	14.8	10.6	34
-13.74	14.8	10.6	194
-13.77	14.8	10.6	34
-13.81	14.8	10.6	45

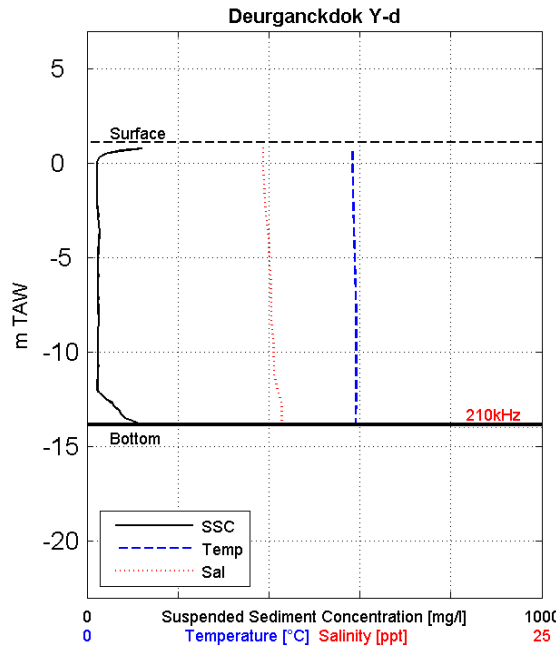
Depth Avg **14.7** **10.0** **26**



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

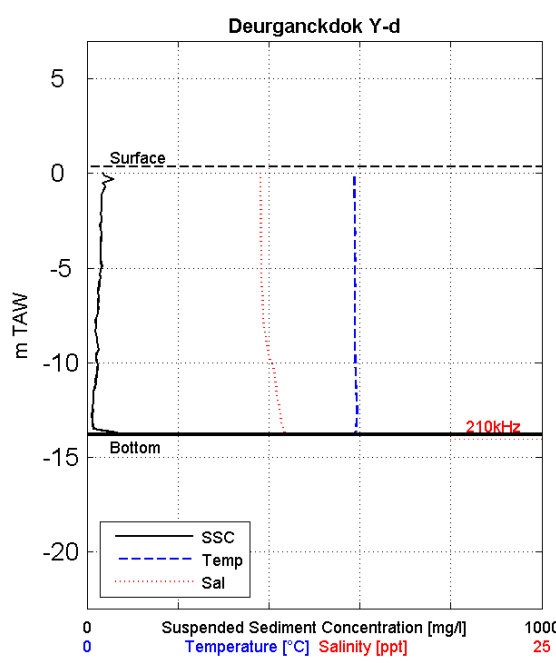
Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1133Yd_ctd.sil 1149Yd_ctd.sil	Location: Deurganckdok



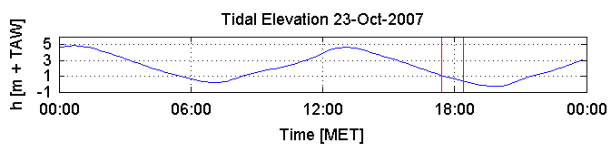
Siltprofiler
 Date & Time [MET]: 23/10/2007 17:24
 Time after/before HT [MET]: 4:24
 Coordinates [UTM-ED50] Easting: 588751
 Coordinates [UTM-ED50] Northing: 5684452
 Water-Bottom Interface Siltpr. [m TAW]: -13.84
 Waterdepth 210 kHz Echo [m TAW]: -14.00
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.10

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.82	14.6	9.7	127
0.13	14.6	9.7	21
-0.61	14.6	9.7	22
-1.45	14.6	9.8	20
-2.27	14.6	9.8	23
-3.09	14.7	9.9	25
-3.98	14.7	10.0	27
-4.83	14.7	10.0	22
-5.68	14.8	10.1	22
-6.48	14.8	10.1	23
-7.23	14.8	10.1	23
-7.98	14.8	10.1	24
-8.76	14.8	10.2	23
-9.49	14.8	10.2	23
-10.20	14.8	10.2	23
-10.88	14.8	10.2	23
-11.56	14.8	10.4	24
-12.29	14.8	10.6	34
-12.97	14.8	10.7	62
-13.60	14.8	10.7	88
-13.72	14.7	10.7	117
-13.79	14.8	10.7	103
-13.84	14.8	10.7	79
Depth Avg	14.7	10.1	31



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:23
 Time after/before HT [MET]: 5:23
 Coordinates [UTM-ED50] Easting: 588744
 Coordinates [UTM-ED50] Northing: 5684446
 Water-Bottom Interface Siltpr. [m TAW]: -13.79
 Waterdepth 210 kHz Echo [m TAW]: -14.05
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.06	14.6	9.5	36
-0.17	14.7	9.5	34
-0.61	14.7	9.5	41
-1.42	14.7	9.5	28
-2.18	14.7	9.6	39
-2.78	14.7	9.6	28
-3.62	14.7	9.6	31
-4.53	14.7	9.6	31
-5.19	14.7	9.6	27
-5.89	14.8	9.6	25
-6.85	14.7	9.6	23
-7.74	14.8	9.7	18
-8.52	14.7	9.8	16
-9.35	14.7	9.9	22
-10.14	14.8	10.2	26
-10.82	14.8	10.3	12
-11.59	14.8	10.4	6
-12.39	14.8	10.6	14
-13.07	14.8	10.7	11
-13.67	14.8	10.8	17
-13.72	14.7	10.9	16
-13.77	14.7	10.9	294
-13.79	14.7	10.9	21
Depth Avg	14.7	9.9	25



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283

Equipment(s):

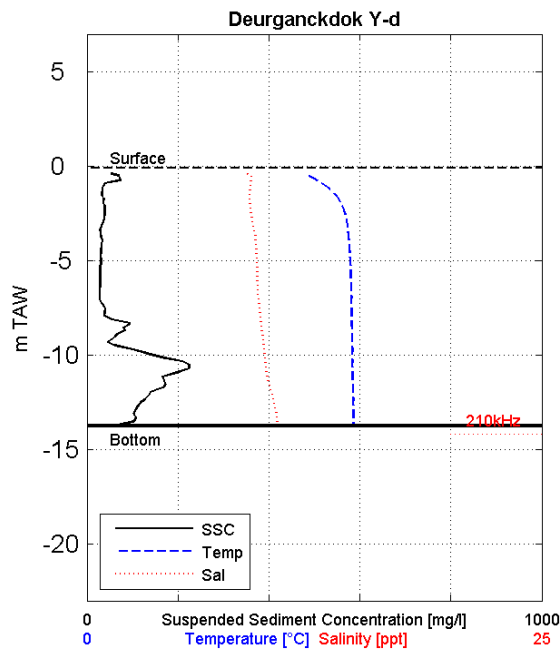
SiltProfiler & CTD-Diver

Sourcefile(s):

1164Yd_ctd.sil

Location:

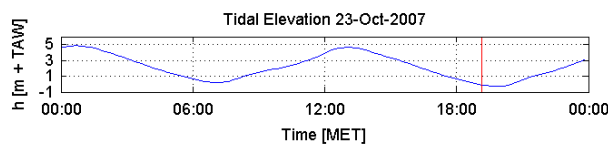
Deurganckdok



Siltprofiler

Date & Time [MET]: 23/10/2007 19:09
 Time after/before HT [MET]: 6:09
 Coordinates [UTM-ED50] Easting: 588742
 Coordinates [UTM-ED50] Northing: 5684445
 Water-Bottom Interface Siltpr. [m TAW]: -13.75
 Waterdepth 210 kHz Echo [m TAW]: -14.18
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.08

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.39	12.0	8.8	52
-0.87	13.0	9.0	54
-1.33	13.5	8.9	32
-1.78	13.9	8.9	38
-2.32	14.1	9.0	55
-2.89	14.3	9.1	36
-3.69	14.4	9.3	31
-4.58	14.4	9.3	31
-5.44	14.5	9.3	31
-6.21	14.5	9.4	31
-7.00	14.5	9.4	28
-7.73	14.5	9.5	37
-8.38	14.6	9.6	106
-9.10	14.6	9.7	64
-9.80	14.5	9.7	126
-10.58	14.6	9.8	213
-11.26	14.6	9.9	173
-11.97	14.6	10.1	106
-12.51	14.6	10.3	94
-13.08	14.6	10.4	95
-13.60	14.6	10.5	44
-13.69	14.7	10.5	44
-13.75	14.7	10.5	94
Depth Avg	14.3	9.5	72



Data Processed by:



In association with:

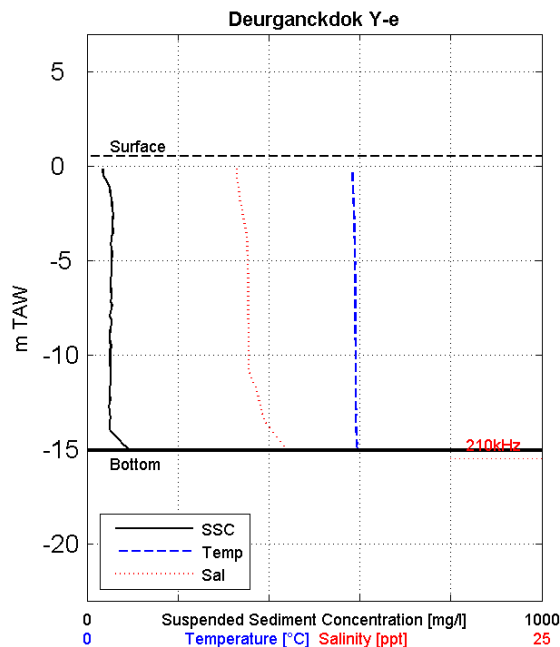


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F.10 Location Ye

Through tide measurements Siltprofiler 23 October 2007

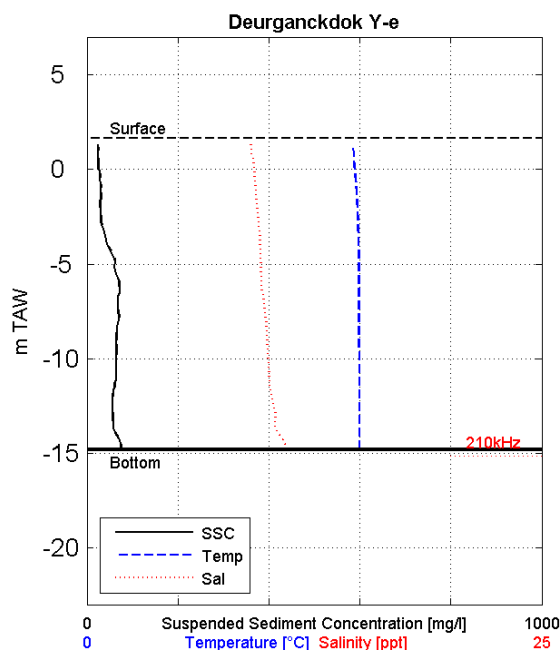
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1010Ye_ctd.sil 1025Ye_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:52
 Time after/before HT [MET]: -5:07
 Coordinates [UTM-ED50] Easting: 588796
 Coordinates [UTM-ED50] Northing: 5684519
 Water-Bottom Interface Siltpr. [m TAW]: -15.05
 Waterdepth 210 kHz Echo [m TAW]: -15.46
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.54

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.03	14.4	8.2	29
-0.11	14.5	8.2	37
-0.17	14.6	8.2	35
-0.51	14.6	8.2	36
-1.26	14.6	8.3	52
-2.04	14.7	8.5	56
-3.12	14.7	8.7	51
-4.31	14.7	8.8	54
-5.42	14.7	8.8	59
-6.40	14.8	8.8	52
-7.30	14.7	8.8	56
-8.38	14.8	8.9	52
-9.55	14.7	8.9	54
-10.51	14.7	8.9	51
-11.33	14.8	9.1	51
-12.23	14.8	9.4	52
-13.20	14.8	9.7	50
-14.13	14.8	10.2	54
-14.87	14.8	10.9	82
-14.94	14.8	10.9	89
-14.97	14.9	11.0	89
-15.01	14.9	11.0	93
-15.05	14.9	11.1	88

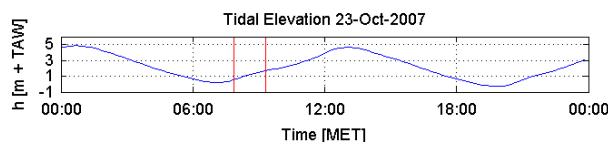
Depth Avg **14.7** **9.0** **52**



Siltprofiler
 Date & Time [MET]: 23/10/2007 09:18
 Time after/before HT [MET]: -3:41
 Coordinates [UTM-ED50] Easting: 588791
 Coordinates [UTM-ED50] Northing: 5684507
 Water-Bottom Interface Siltpr. [m TAW]: -14.81
 Waterdepth 210 kHz Echo [m TAW]: -15.14
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.66

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.38	14.6	9.0	24
1.29	14.6	9.0	25
0.94	14.6	9.0	24
-0.02	14.7	9.2	26
-0.83	14.8	9.2	30
-1.65	14.8	9.3	28
-2.67	14.9	9.4	32
-3.95	14.9	9.5	43
-5.18	14.9	9.6	59
-6.27	14.9	9.6	72
-7.39	14.9	9.8	67
-8.60	14.9	9.9	64
-9.57	15.0	9.9	66
-10.31	14.9	10.0	65
-11.26	14.9	10.0	55
-12.29	15.0	10.2	54
-13.45	14.9	10.3	56
-14.48	15.0	10.9	74
-14.68	14.9	11.0	76
-14.71	15.0	11.0	76
-14.73	15.0	11.0	73
-14.77	15.0	11.0	75
-14.81	15.0	11.0	73

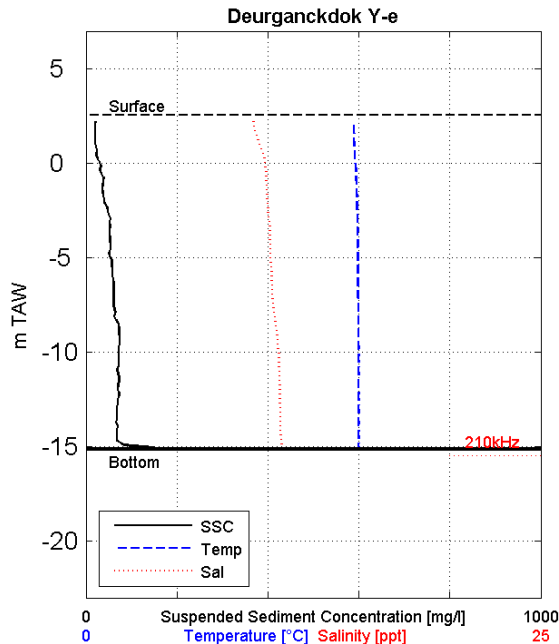
Depth Avg **14.9** **9.7** **52**



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

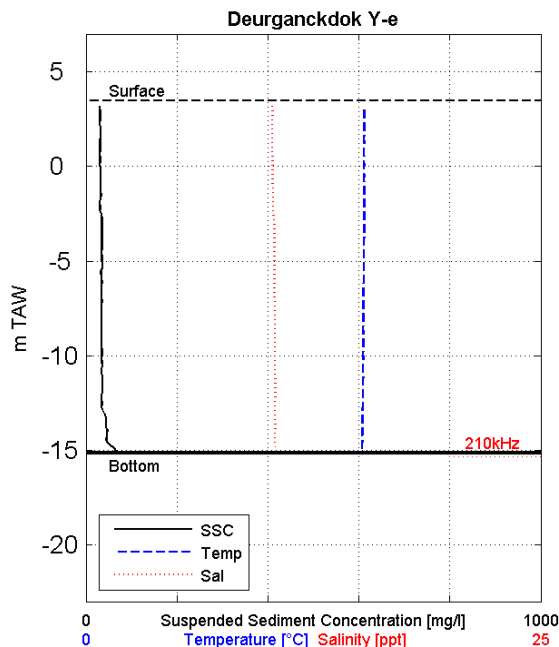
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1041Ye_ctd.sil 1056Ye_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:40
 Time after/before HT [MET]: -2:19
 Coordinates [UTM-ED50] Easting: 588797
 Coordinates [UTM-ED50] Northing: 5684514
 Water-Bottom Interface Siltpr. [m TAW]: -15.13
 Waterdepth 210 kHz Echo [m TAW]: -15.47
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.53

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.25	14.7	9.2	21
2.19	14.7	9.2	21
1.94	14.7	9.2	17
0.92	14.7	9.6	23
-0.36	14.8	9.9	31
-1.69	14.9	9.9	35
-2.71	14.9	10.0	50
-3.86	14.9	10.1	52
-5.12	15.0	10.1	55
-6.31	14.9	10.2	58
-7.33	14.9	10.3	59
-8.25	14.9	10.4	66
-9.17	14.9	10.5	73
-10.33	15.0	10.6	71
-11.54	15.0	10.6	70
-12.57	14.9	10.7	72
-13.57	15.0	10.7	67
-14.69	15.0	10.7	69
-15.03	15.0	10.8	270
-15.06	15.0	10.8	70
-15.08	15.0	10.8	182
-15.12	15.0	10.8	223
-15.13	15.0	10.8	229

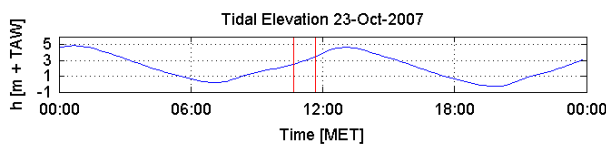
Depth Avg 14.9 10.2 54



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:40
 Time after/before HT [MET]: -1:19
 Coordinates [UTM-ED50] Easting: 588790
 Coordinates [UTM-ED50] Northing: 5684524
 Water-Bottom Interface Siltpr. [m TAW]: -15.13
 Waterdepth 210 kHz Echo [m TAW]: -15.32
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.20	15.2	10.2	31
3.16	15.2	10.3	30
3.12	15.3	10.2	31
3.05	15.2	10.2	30
2.27	15.3	10.2	29
1.02	15.3	10.2	32
-0.34	15.3	10.2	31
-1.82	15.3	10.3	30
-3.21	15.3	10.4	35
-4.54	15.3	10.4	34
-5.69	15.2	10.4	35
-6.74	15.3	10.4	34
-7.55	15.2	10.3	31
-8.52	15.2	10.4	34
-9.62	15.2	10.4	34
-10.80	15.2	10.4	33
-11.87	15.2	10.4	37
-13.03	15.2	10.4	40
-14.09	15.2	10.4	48
-14.98	15.1	10.4	66
-15.02	15.2	10.4	69
-15.07	15.2	10.4	59
-15.13	15.2	10.4	60

Depth Avg 15.2 10.3 34



Data Processed by:



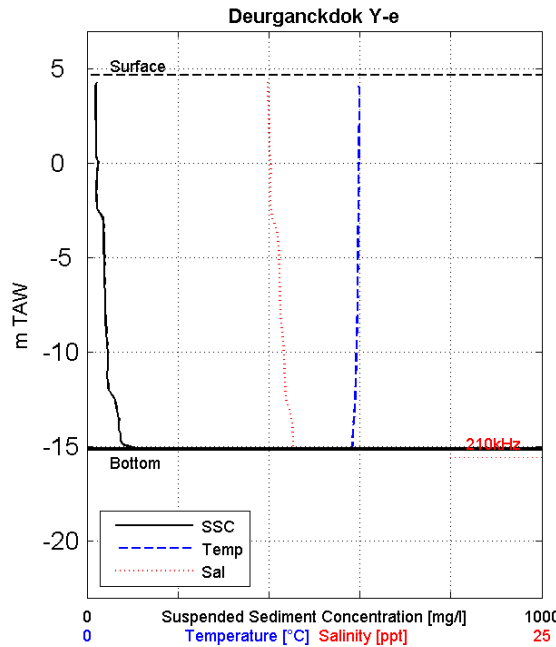
In association with:



I/RA/11283/07.086/MSA

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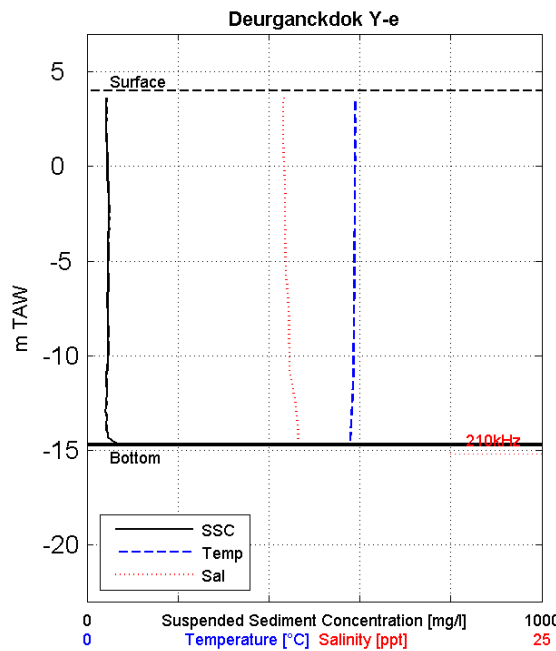
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1065Ye_ctd.sil 1074Ye_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 12:56
 Time after/before HT [MET]: -0:03
 Coordinates [UTM-ED50] Easting: 588783
 Coordinates [UTM-ED50] Northing: 5684548
 Water-Bottom Interface Siltpr. [m TAW]: -15.15
 Waterdepth 210 kHz Echo [m TAW]: -15.55
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.65

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.36	14.9	9.9	17
4.30	14.9	9.9	18
4.22	14.9	9.9	20
4.14	14.9	9.9	18
3.44	14.9	10.0	19
2.22	14.9	10.0	19
1.03	14.9	10.0	20
-0.08	14.9	10.1	23
-1.54	14.9	10.0	21
-2.72	14.9	10.2	29
-4.01	14.9	10.5	37
-5.26	14.9	10.5	39
-6.51	14.9	10.6	39
-7.83	14.9	10.6	40
-8.98	14.8	10.7	40
-10.20	14.8	10.8	44
-11.34	14.8	10.9	44
-12.56	14.8	11.0	62
-13.63	14.6	11.2	69
-14.67	14.6	11.3	73
-15.05	14.6	11.3	77
-15.11	14.6	11.3	75
-15.15	14.6	11.3	84

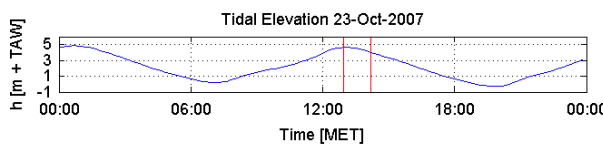
Depth Avg **14.8** **10.5** **37**



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:11
 Time after/before HT [MET]: 1:11
 Coordinates [UTM-ED50] Easting: 588783
 Coordinates [UTM-ED50] Northing: 5684523
 Water-Bottom Interface Siltpr. [m TAW]: -14.71
 Waterdepth 210 kHz Echo [m TAW]: -15.20
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.00

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.70	14.6	NaN	26
3.62	14.7	10.8	41
3.59	14.7	10.8	42
3.57	14.7	10.8	40
3.55	14.7	10.8	42
3.54	14.7	10.8	43
3.50	14.7	10.8	43
3.41	14.7	10.8	43
2.29	14.8	10.8	41
0.94	14.7	10.8	44
-0.56	14.7	10.8	45
-2.19	14.7	10.9	54
-3.66	14.7	10.9	46
-5.12	14.7	10.9	46
-6.48	14.7	11.0	47
-7.85	14.6	11.1	46
-9.18	14.6	11.1	46
-10.51	14.6	11.1	49
-11.80	14.6	11.3	43
-13.01	14.6	11.5	39
-14.34	14.5	11.6	46
-14.71	14.4	11.6	103

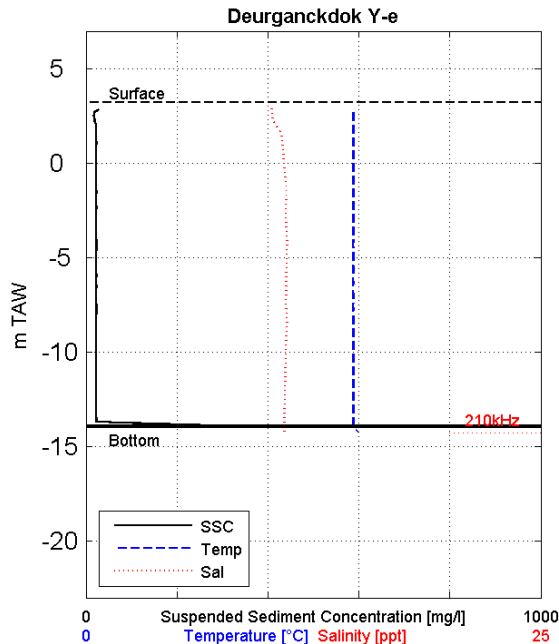
Depth Avg **14.7** **11.0** **45**



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

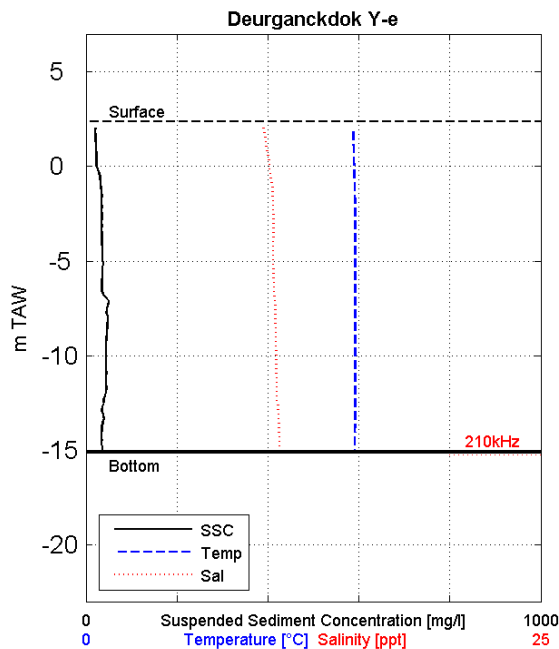
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1089Ye_ctd.sil 1104Ye_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:07
 Time after/before HT [MET]: 2:07
 Coordinates [UTM-ED50] Easting: 588765
 Coordinates [UTM-ED50] Northing: 5684521
 Water-Bottom Interface Siltpr. [m TAW]: -13.95
 Waterdepth 210 kHz Echo [m TAW]: -14.29
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.21

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.92	14.7	10.2	20
2.87	14.7	10.2	18
2.70	14.7	10.2	18
2.11	14.7	10.4	22
1.32	14.7	10.8	22
0.39	14.7	10.8	20
-0.76	14.7	10.9	21
-1.74	14.7	11.0	22
-2.62	14.7	10.9	22
-3.44	14.7	11.0	22
-4.25	14.7	11.0	22
-5.24	14.7	11.0	22
-6.26	14.7	11.0	22
-7.19	14.7	11.0	22
-8.03	14.7	11.0	21
-8.91	14.7	11.0	21
-9.77	14.7	11.0	22
-10.76	14.6	10.9	23
-11.68	14.7	10.9	21
-12.42	14.7	10.9	19
-13.19	14.7	10.9	21
-13.91	14.7	10.9	23
-13.95	14.7	10.9	15

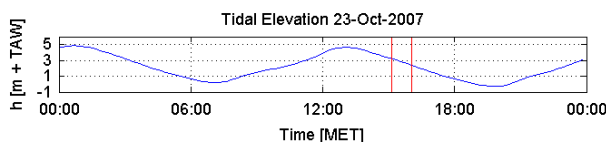
Depth Avg 14.7 10.9 23



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:02
 Time after/before HT [MET]: 3:02
 Coordinates [UTM-ED50] Easting: 588786
 Coordinates [UTM-ED50] Northing: 5684512
 Water-Bottom Interface Siltpr. [m TAW]: -15.10
 Waterdepth 210 kHz Echo [m TAW]: -15.23
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.37

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.09	14.7	9.7	22
1.43	14.7	9.8	21
0.64	14.7	10.0	24
-0.29	14.8	10.1	28
-1.31	14.8	10.3	34
-2.29	14.8	10.3	34
-3.14	14.8	10.3	35
-4.05	14.8	10.3	34
-4.87	14.8	10.3	35
-5.83	14.8	10.3	36
-6.77	14.8	10.3	37
-7.66	14.8	10.4	44
-8.54	14.8	10.4	47
-9.53	14.8	10.4	43
-10.40	14.8	10.4	43
-11.29	14.8	10.4	44
-12.22	14.8	10.5	35
-13.04	14.8	10.6	37
-13.82	14.8	10.6	35
-14.65	14.8	10.6	35
-14.99	14.7	10.6	36
-15.10	14.8	10.6	35

Depth Avg 14.8 10.3 36



Data Processed by:



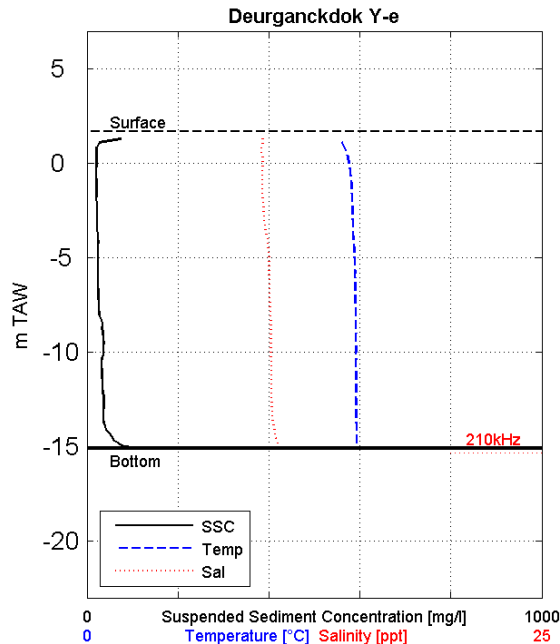
In association with:



I/RA/11283/07.086/MSA

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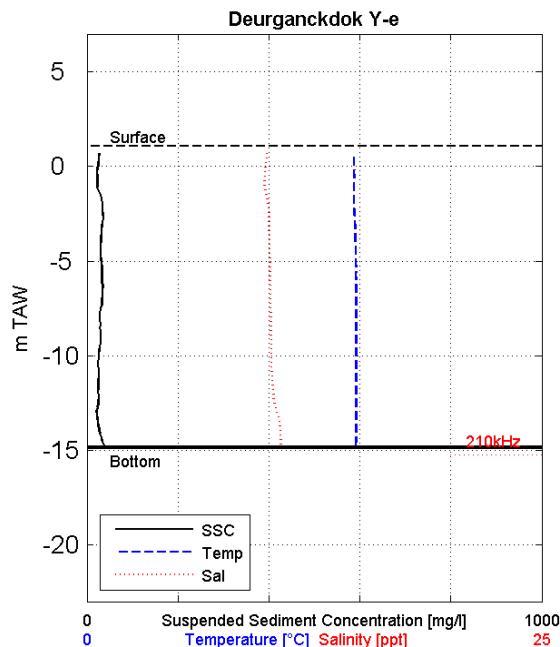
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1119Ye_ctd.sil 1134Ye_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:45
 Time after/before HT [MET]: 3:45
 Coordinates [UTM-ED50] Easting: 588794
 Coordinates [UTM-ED50] Northing: 5684513
 Water-Bottom Interface Siltpr. [m TAW]: -15.08
 Waterdepth 210 kHz Echo [m TAW]: -15.32
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.68

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.40	13.9	9.6	103
0.74	14.2	9.6	20
0.08	14.4	9.6	19
-0.80	14.5	9.6	20
-1.87	14.5	9.7	19
-2.77	14.6	9.7	22
-3.62	14.6	9.8	23
-4.48	14.7	9.9	24
-5.36	14.7	10.0	23
-6.22	14.7	10.0	18
-7.17	14.7	10.0	26
-8.02	14.8	10.1	26
-8.82	14.8	10.1	35
-9.65	14.8	10.1	35
-10.38	14.8	10.1	33
-11.18	14.8	10.1	32
-12.10	14.8	10.1	37
-12.97	14.8	10.2	37
-13.72	14.8	10.2	36
-14.51	14.8	10.4	56
-14.95	14.8	10.5	71
-15.07	14.8	10.6	68
-15.08	14.8	10.6	211

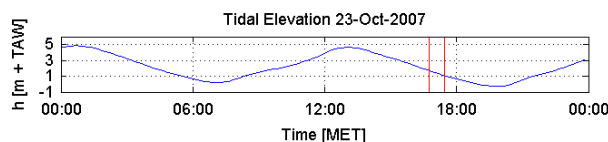
Depth Avg 14.6 10.0 30



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:28
 Time after/before HT [MET]: 4:28
 Coordinates [UTM-ED50] Easting: 588784
 Coordinates [UTM-ED50] Northing: 5684522
 Water-Bottom Interface Siltpr. [m TAW]: -14.88
 Waterdepth 210 kHz Echo [m TAW]: -15.25
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.05

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.76	14.7	9.9	26
0.74	14.7	9.8	24
0.70	14.7	9.8	27
0.67	14.7	9.9	26
0.44	14.7	9.9	26
-0.36	14.6	9.8	22
-1.18	14.7	9.8	22
-2.08	14.7	10.0	34
-3.18	14.7	10.0	28
-4.28	14.8	10.0	30
-5.29	14.8	10.0	32
-6.32	14.8	10.1	34
-7.24	14.8	10.1	32
-8.27	14.8	10.1	30
-9.28	14.8	10.1	30
-10.16	14.8	10.1	26
-11.02	14.8	10.2	24
-11.91	14.8	10.2	24
-12.84	14.9	10.4	23
-13.67	14.8	10.6	24
-14.50	14.8	10.7	28
-14.84	14.8	10.6	39
-14.88	14.8	10.6	39

Depth Avg 14.8 10.1 28



Data Processed by:



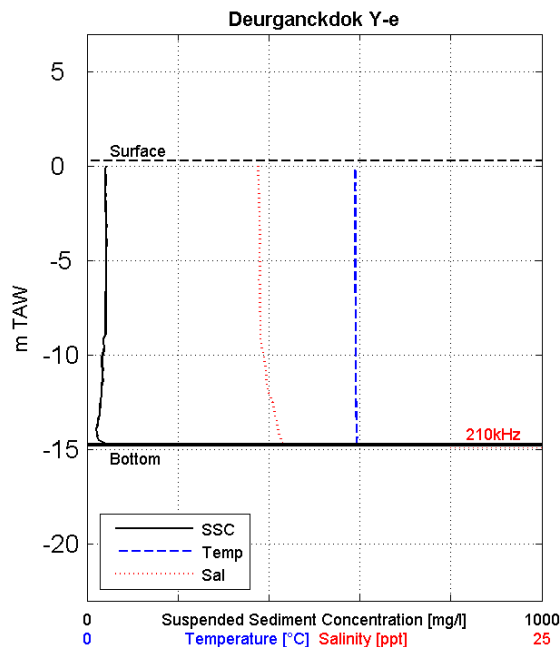
In association with:



I/RA/11283/07.086/MSA

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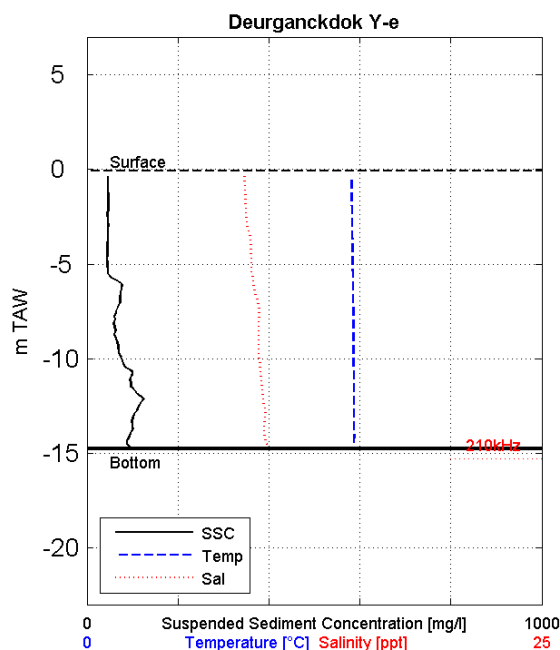
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1150Ye_ctd.sil 1165Ye_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:27
 Time after/before HT [MET]: 5:27
 Coordinates [UTM-ED50] Easting: 588777
 Coordinates [UTM-ED50] Northing: 5684508
 Water-Bottom Interface Siltpr. [m TAW]: -14.76
 Waterdepth 210 kHz Echo [m TAW]: -14.89
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.31

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.02	14.8	9.4	40
-0.48	14.7	9.4	41
-1.17	14.8	9.4	32
-1.82	14.7	9.5	41
-2.50	14.7	9.5	40
-3.17	14.8	9.5	43
-3.95	14.7	9.5	43
-4.67	14.8	9.5	41
-5.41	14.8	9.5	43
-6.26	14.7	9.5	40
-7.15	14.7	9.5	41
-8.00	14.7	9.5	41
-8.80	14.7	9.5	42
-9.58	14.8	9.6	38
-10.35	14.8	9.8	32
-11.19	14.8	9.8	34
-11.90	14.8	10.0	32
-12.67	14.8	10.2	28
-13.37	14.8	10.4	24
-13.94	14.8	10.5	20
-14.49	14.8	10.7	26
-14.68	14.8	10.7	73
-14.76	14.8	10.8	173

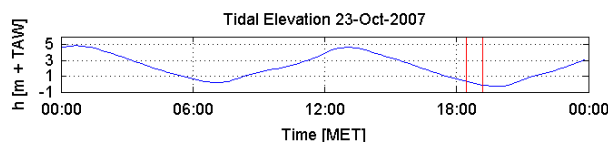
Depth Avg 14.8 9.7 37



Siltprofiler
 Date & Time [MET]: 23/10/2007 19:11
 Time after/before HT [MET]: 6:11
 Coordinates [UTM-ED50] Easting: 588784
 Coordinates [UTM-ED50] Northing: 5684523
 Water-Bottom Interface Siltpr. [m TAW]: -14.79
 Waterdepth 210 kHz Echo [m TAW]: -15.30
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.10

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.38	14.5	8.7	45
-0.57	14.6	8.7	46
-1.16	14.5	8.7	44
-1.91	14.6	8.7	46
-2.75	14.5	8.8	46
-3.52	14.6	8.9	45
-4.34	14.6	9.0	46
-5.30	14.6	9.0	43
-6.39	14.6	9.2	75
-7.53	14.6	9.4	63
-8.54	14.6	9.4	62
-9.42	14.6	9.4	69
-10.23	14.7	9.5	78
-11.04	14.7	9.6	94
-11.86	14.7	9.6	109
-12.71	14.7	9.8	108
-13.44	14.6	9.7	100
-14.11	14.7	9.7	93
-14.61	14.7	9.9	97
-14.65	14.7	9.9	91
-14.69	14.7	10.0	94
-14.79	14.7	10.0	89
-14.79	14.7	10.0	89

Depth Avg 14.6 9.3 69



Data Processed by:



In association with:

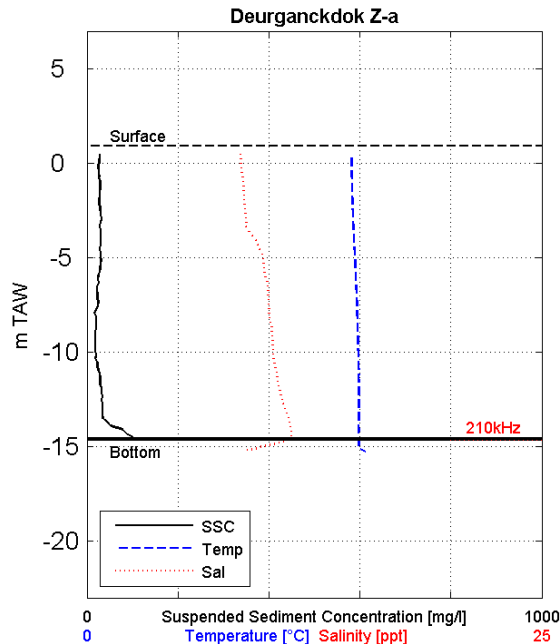


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F.11 Location Za

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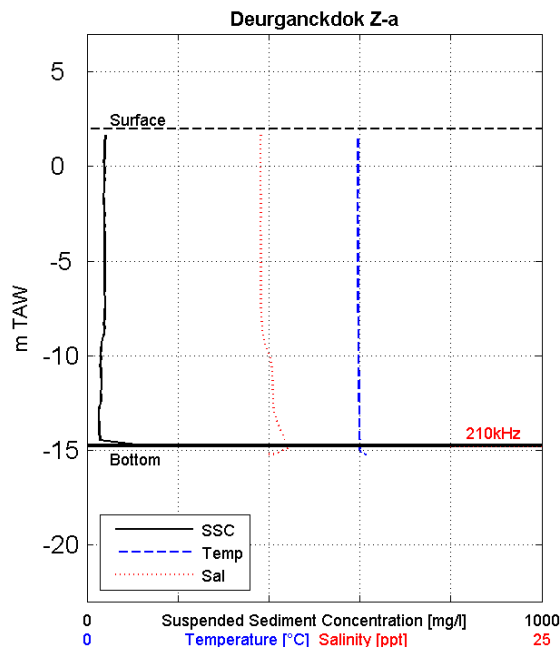
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1014Za_ctd.sil 1030Za_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 08:17
 Time after/before HT [MET]: -4:42
 Coordinates [UTM-ED50] Easting: 588659
 Coordinates [UTM-ED50] Northing: 5684099
 Water-Bottom Interface Siltpr. [m TAW]: -14.59
 Waterdepth 210 kHz Echo [m TAW]: -14.68
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.92

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.59	14.4	8.4	24
0.53	14.5	8.5	34
0.50	14.4	8.4	23
0.48	14.5	8.4	26
0.45	14.5	8.4	20
0.24	14.5	8.5	31
-0.42	14.6	8.5	27
-1.39	14.6	8.6	26
-2.44	14.6	8.7	25
-3.42	14.6	8.8	25
-4.34	14.7	9.4	28
-5.40	14.8	9.7	29
-6.36	14.8	9.9	19
-7.37	14.8	10.0	19
-8.40	14.9	10.1	11
-9.36	14.8	10.2	17
-10.34	14.9	10.3	21
-11.16	14.9	10.4	28
-12.00	15.0	10.6	31
-12.80	14.9	10.8	32
-13.69	14.9	11.1	40
-14.48	14.9	11.2	102
-14.59	14.9	11.2	117

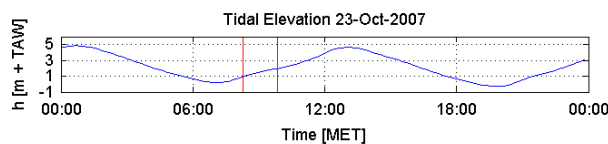
Depth Avg 14.8 9.7 28



Siltprofiler
 Date & Time [MET]: 23/10/2007 09:50
 Time after/before HT [MET]: -3:09
 Coordinates [UTM-ED50] Easting: 588657
 Coordinates [UTM-ED50] Northing: 5684092
 Water-Bottom Interface Siltpr. [m TAW]: -14.79
 Waterdepth 210 kHz Echo [m TAW]: -14.81
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.99

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.70	14.8	9.6	44
1.65	14.8	9.6	40
1.62	14.9	9.5	43
1.59	14.9	9.6	41
1.54	14.9	9.6	41
0.87	14.9	9.5	38
-0.02	14.9	9.5	39
-0.98	14.9	9.5	36
-2.14	14.9	9.6	39
-3.34	14.9	9.5	36
-4.16	14.9	9.6	42
-5.22	15.0	9.6	40
-6.29	14.9	9.6	37
-7.24	14.9	9.5	37
-8.25	14.9	9.6	36
-9.17	14.9	9.7	31
-10.07	14.9	10.1	31
-10.92	14.9	10.2	30
-11.87	14.9	10.2	33
-12.83	14.9	10.3	24
-13.76	15.0	10.6	27
-14.62	14.9	10.9	29
-14.79	15.0	11.0	21

Depth Avg 14.9 9.8 36



Data Processed by:



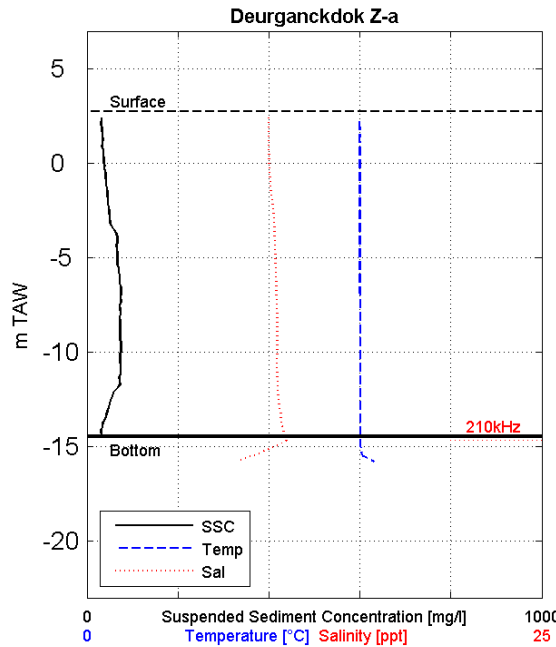
In association with:



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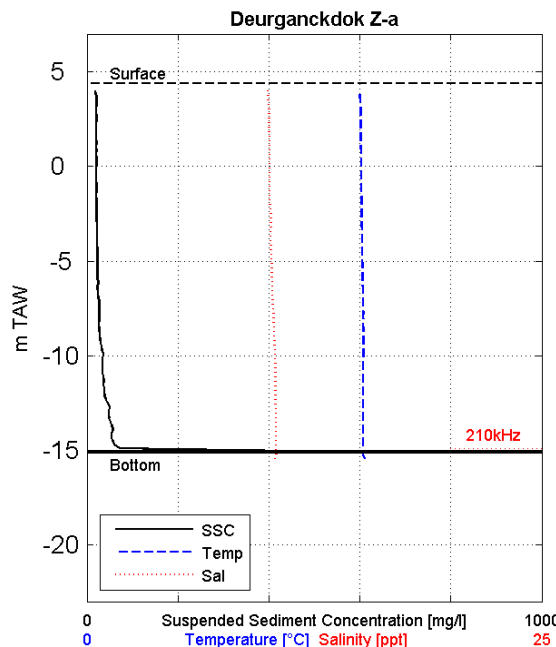
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1046Za_ctd.sil 1061Za_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:58
 Time after/before HT [MET]: -2:01
 Coordinates [UTM-ED50] Easting: 588647
 Coordinates [UTM-ED50] Northing: 5684094
 Water-Bottom Interface Siltpr. [m TAW]: -14.49
 Waterdepth 210 kHz Echo [m TAW]: -14.63
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.77

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.44	15.0	NaN	28
2.36	15.0	10.0	28
2.33	15.0	10.0	33
2.29	15.0	10.0	30
1.80	15.0	10.0	34
0.88	15.0	10.0	33
-0.09	15.0	10.0	39
-1.06	15.0	10.1	41
-2.09	15.0	10.2	44
-3.09	15.0	10.3	51
-4.08	15.0	10.3	65
-5.13	15.0	10.3	69
-6.03	15.0	10.4	70
-6.99	14.9	10.4	72
-7.91	15.0	10.4	75
-8.90	15.0	10.4	75
-9.95	15.0	10.4	75
-10.78	15.0	10.4	73
-11.67	15.0	10.4	74
-12.51	15.0	10.5	49
-13.39	15.0	10.6	41
-14.40	15.0	10.9	32
-14.49	15.0	10.9	32

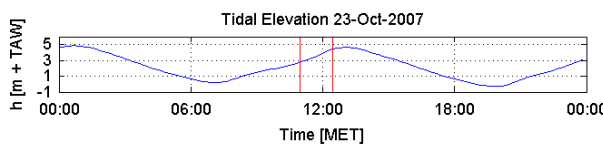
Depth Avg 15.0 10.3 56



Siltprofiler
 Date & Time [MET]: 23/10/2007 12:27
 Time after/before HT [MET]: -0:32
 Coordinates [UTM-ED50] Easting: 588656
 Coordinates [UTM-ED50] Northing: 5684089
 Water-Bottom Interface Siltpr. [m TAW]: -15.08
 Waterdepth 210 kHz Echo [m TAW]: -14.91
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.39

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.05	14.9	NaN	19
3.93	14.9	9.9	19
3.90	15.0	9.9	20
3.87	14.9	10.0	17
3.85	15.0	9.9	20
3.80	14.9	9.9	20
2.89	15.0	10.0	20
1.65	15.0	10.0	19
0.42	15.1	10.0	21
-0.85	15.1	10.0	21
-1.95	15.1	10.0	21
-3.18	15.1	10.1	21
-4.31	15.1	10.1	22
-5.39	15.1	10.1	24
-6.40	15.1	10.2	23
-7.53	15.1	10.2	25
-8.68	15.2	10.3	28
-9.96	15.2	10.3	35
-11.26	15.2	10.4	36
-12.59	15.2	10.4	48
-13.80	15.1	10.4	56
-15.00	15.2	10.4	69
-15.08	15.2	10.4	121

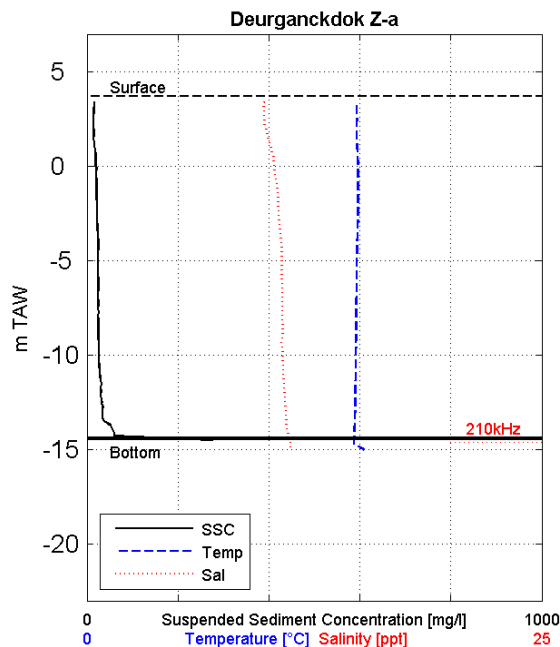
Depth Avg 15.1 10.2 30



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

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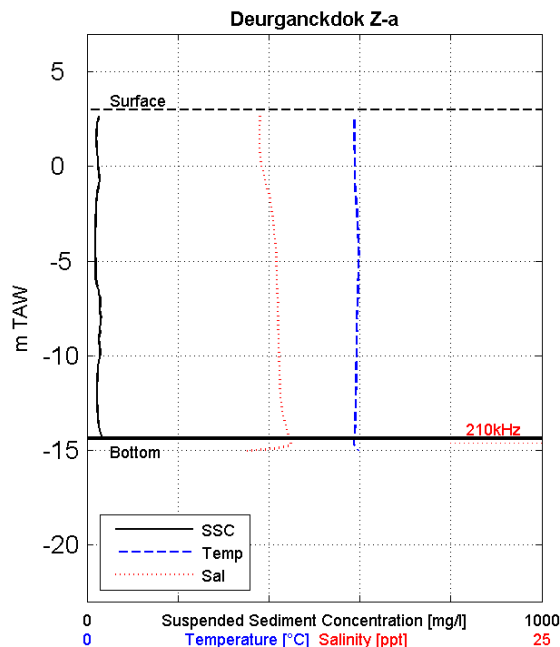
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1079Za_ctd.sil 1094Za_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:31
 Time after/before HT [MET]: 1:31
 Coordinates [UTM-ED50] Easting: 588649
 Coordinates [UTM-ED50] Northing: 5684104
 Water-Bottom Interface Siltpr. [m TAW]: -14.44
 Waterdepth 210 kHz Echo [m TAW]: -14.60
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.70

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.41	14.8	9.8	13
3.36	14.7	9.7	4
3.31	14.8	9.7	16
3.25	14.8	9.7	15
3.10	14.8	9.7	17
2.24	14.9	9.8	14
1.41	14.8	10.0	14
0.52	14.9	10.2	18
-0.44	14.9	10.3	19
-1.43	14.9	10.5	21
-2.42	14.9	10.5	21
-3.49	14.8	10.6	22
-4.69	14.8	10.7	23
-5.92	14.8	10.7	25
-6.99	14.8	10.7	24
-8.11	14.8	10.7	24
-9.16	14.8	10.7	26
-10.23	14.8	10.7	26
-11.27	14.8	10.8	29
-12.30	14.7	10.8	32
-13.30	14.7	10.9	34
-14.28	14.7	11.1	61
-14.44	14.7	11.1	47

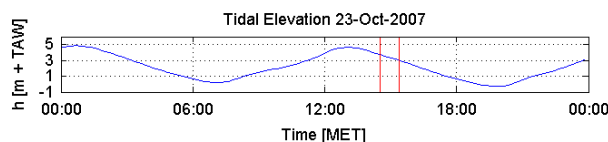
Depth Avg 14.8 10.5 25



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:23
 Time after/before HT [MET]: 2:23
 Coordinates [UTM-ED50] Easting: 588658
 Coordinates [UTM-ED50] Northing: 5684106
 Water-Bottom Interface Siltpr. [m TAW]: -14.39
 Waterdepth 210 kHz Echo [m TAW]: -14.62
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.98

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.70	14.7	9.5	32
2.16	14.7	9.4	21
1.46	14.7	9.5	19
0.73	14.7	9.5	21
-0.05	14.7	9.6	24
-0.86	14.7	9.8	26
-1.75	14.8	10.1	21
-2.61	14.9	10.2	19
-3.45	14.9	10.3	17
-4.31	14.9	10.4	17
-5.24	14.9	10.4	18
-6.05	14.9	10.4	19
-6.87	14.9	10.5	27
-7.62	14.8	10.5	28
-8.42	14.8	10.5	27
-9.27	14.7	10.5	28
-10.14	14.8	10.5	27
-11.03	14.8	10.6	24
-11.82	14.7	10.6	20
-12.56	14.8	10.7	22
-13.42	14.7	10.8	24
-14.17	14.7	11.1	32
-14.39	14.7	11.1	36

Depth Avg 14.8 10.2 23



Data Processed by:



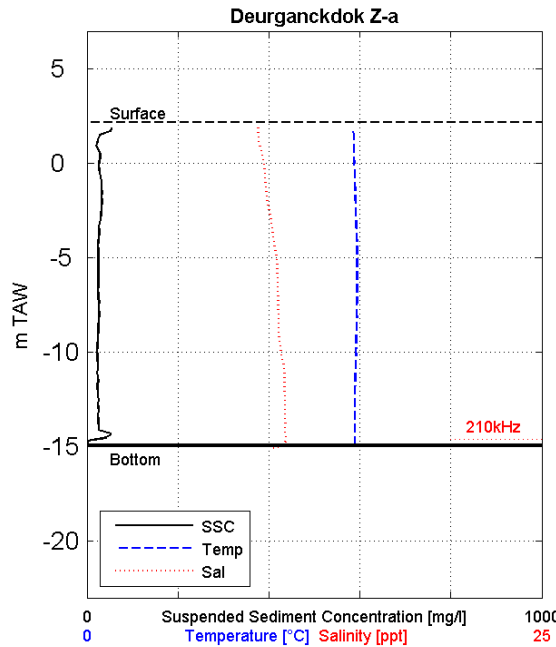
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1109Za_ctd.sil 1124Za_ctd.sil	Location: Deurganckdok

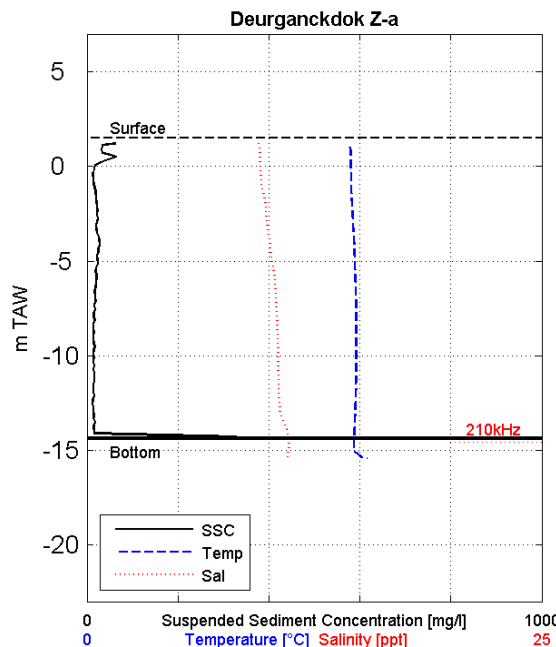


Siltprofiler

Date & Time [MET]: 23/10/2007 16:15
 Time after/before HT [MET]: 3:15
 Coordinates [UTM-ED50] Easting: 588659
 Coordinates [UTM-ED50] Northing: 5684106
 Water-Bottom Interface Siltpr. [m TAW]: -14.97
 Waterdepth 210 kHz Echo [m TAW]: -14.63
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.88	14.6	9.4	1
1.81	14.6	9.4	29
1.30	14.7	9.6	23
0.62	14.7	9.6	25
-0.25	14.7	9.7	26
-1.26	14.7	9.8	32
-2.31	14.8	10.0	31
-3.32	14.8	10.2	26
-4.25	14.9	10.3	23
-5.04	14.8	10.4	24
-5.91	14.8	10.4	24
-6.84	14.9	10.5	25
-7.68	14.8	10.5	27
-8.66	14.8	10.5	23
-9.48	14.8	10.6	22
-10.32	14.8	10.7	22
-11.14	14.7	10.9	21
-12.01	14.8	10.8	23
-12.82	14.7	10.8	24
-13.67	14.7	10.9	24
-14.43	14.7	10.9	139
-14.97	14.7	10.5	2
-14.97	14.7	10.5	2

Depth Avg 14.8 10.3 26

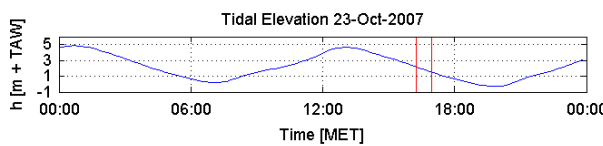


Siltprofiler

Date & Time [MET]: 23/10/2007 16:56
 Time after/before HT [MET]: 3:56
 Coordinates [UTM-ED50] Easting: 588650
 Coordinates [UTM-ED50] Northing: 5684094
 Water-Bottom Interface Siltpr. [m TAW]: -14.38
 Waterdepth 210 kHz Echo [m TAW]: -14.59
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.51

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.23	14.4	9.4	16
1.16	14.4	9.4	6
0.70	14.5	9.5	11
-0.10	14.5	9.5	12
-1.05	14.5	9.6	15
-1.95	14.6	9.8	19
-2.81	14.6	9.9	21
-3.72	14.7	10.0	28
-4.65	14.7	10.1	21
-5.52	14.7	10.3	23
-6.31	14.8	10.3	19
-7.06	14.8	10.4	10
-7.74	14.8	10.4	8
-8.51	14.8	10.4	8
-9.35	14.8	10.5	11
-10.15	14.8	10.5	15
-10.89	14.8	10.5	13
-11.58	14.8	10.5	14
-12.34	14.8	10.5	11
-13.00	14.8	10.6	15
-13.67	14.7	10.9	14
-14.32	14.7	11.1	21
-14.38	14.7	11.1	19

Depth Avg 14.7 10.2 21



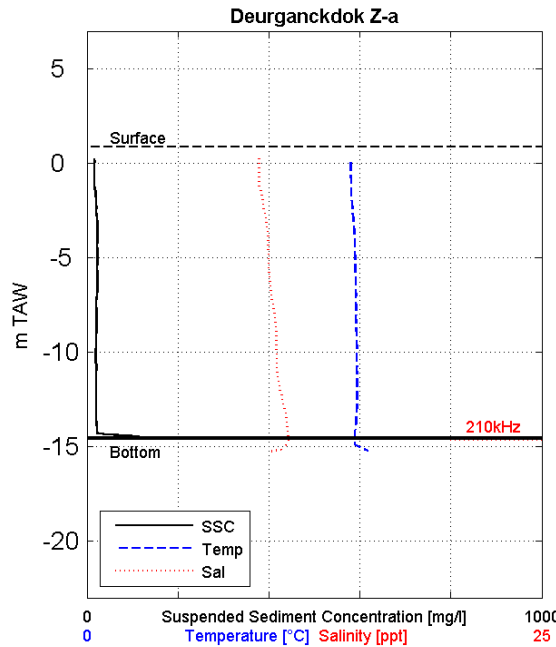
Data Processed by: IMDC

In association with: w|j delft hydraulics GEMS

I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

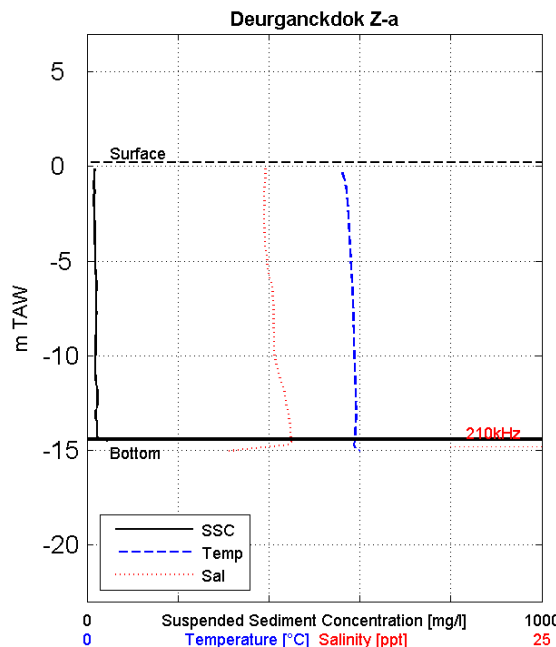
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1139Za_ctd.sil 1155Za_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:43
 Time after/before HT [MET]: 4:43
 Coordinates [UTM-ED50] Easting: 588655
 Coordinates [UTM-ED50] Northing: 5684099
 Water-Bottom Interface Siltpr. [m TAW]: -14.57
 Waterdepth 210 kHz Echo [m TAW]: -14.65
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.85

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.32	14.4	9.4	9
0.25	14.5	9.4	16
0.22	14.5	9.4	16
0.18	14.4	9.4	16
-0.19	14.5	9.4	14
-0.83	14.5	9.4	12
-1.60	14.5	9.6	19
-2.35	14.6	9.7	19
-3.12	14.6	9.9	21
-3.88	14.7	9.9	23
-4.91	14.7	10.0	23
-5.81	14.8	10.0	22
-6.87	14.8	10.1	22
-7.81	14.8	10.3	19
-8.70	14.8	10.4	18
-9.55	14.8	10.4	20
-10.37	14.8	10.4	18
-11.19	14.8	10.5	19
-12.01	14.9	10.6	18
-12.92	14.9	10.8	18
-13.77	14.8	11.0	22
-14.47	14.7	11.1	26
-14.57	14.7	11.1	19

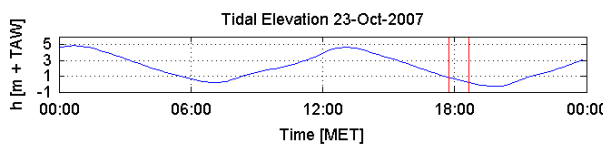
Depth Avg 14.7 10.1 20



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:38
 Time after/before HT [MET]: 5:38
 Coordinates [UTM-ED50] Easting: 588651
 Coordinates [UTM-ED50] Northing: 5684082
 Water-Bottom Interface Siltpr. [m TAW]: -14.44
 Waterdepth 210 kHz Echo [m TAW]: -14.80
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.09	13.9	9.8	17
-0.64	14.1	9.8	15
-1.27	14.2	9.7	17
-1.91	14.3	9.8	14
-2.55	14.4	9.7	14
-3.24	14.4	9.8	16
-3.94	14.4	9.8	17
-4.55	14.5	9.8	18
-5.14	14.5	9.9	19
-5.74	14.5	10.0	20
-6.41	14.6	10.2	21
-7.21	14.6	10.2	19
-8.03	14.7	10.3	20
-8.81	14.6	10.3	18
-9.50	14.7	10.3	18
-10.11	14.6	10.3	19
-10.82	14.7	10.5	17
-11.60	14.8	10.8	20
-12.31	14.8	10.9	22
-13.01	14.8	11.0	19
-13.69	14.8	11.2	21
-14.31	14.7	11.2	22
-14.44	14.7	11.2	22

Depth Avg 14.5 10.2 18



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283

Equipment(s):

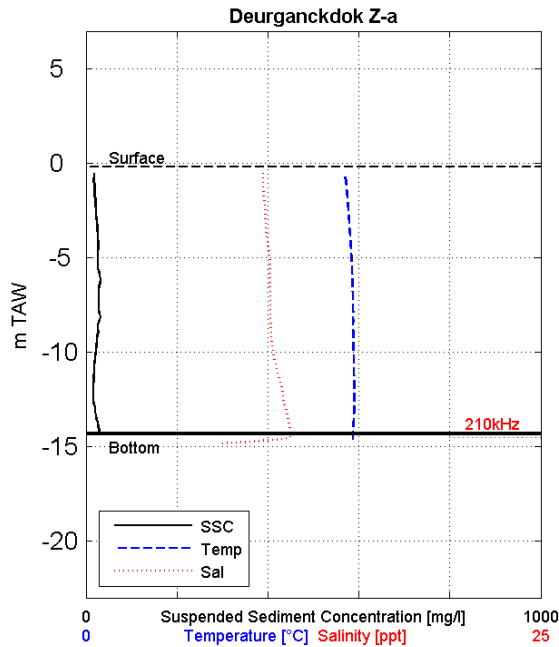
SiltProfiler & CTD-Diver

Sourcefile(s):

1170Za_ctd.sil

Location:

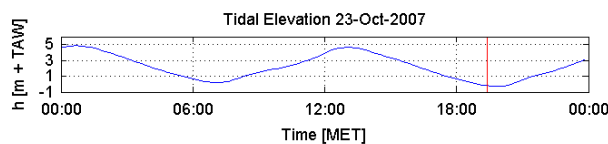
Deurganckdok



Siltprofiler

Date & Time [MET]: 23/10/2007 19:24
 Time after/before HT [MET]: 6:24
 Coordinates [UTM-ED50] Easting: 588664
 Coordinates [UTM-ED50] Northing: 5684113
 Water-Bottom Interface Siltpr. [m TAW]: -14.33
 Waterdepth 210 kHz Echo [m TAW]: -14.49
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.19

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.49	14.2	9.7	17
-1.08	14.3	9.7	18
-1.64	14.4	9.8	18
-2.35	14.4	9.8	19
-3.12	14.5	9.8	24
-3.85	14.5	9.9	24
-4.52	14.6	10.0	25
-5.28	14.6	10.1	26
-5.99	14.7	10.1	29
-6.63	14.6	10.1	28
-7.32	14.6	10.1	26
-7.97	14.7	10.1	30
-8.63	14.7	10.2	25
-9.34	14.7	10.2	23
-10.02	14.7	10.3	20
-10.69	14.7	10.4	19
-11.25	14.8	10.6	16
-11.82	14.8	10.7	23
-12.40	14.7	10.8	16
-13.07	14.8	11.0	19
-13.67	14.7	11.1	31
-14.21	14.7	11.2	30
-14.33	14.7	11.2	31
Depth Avg	14.6	10.2	23



Data Processed by:



In association with:



I/RA/11283/07.086/MSA

F.12 Location Zb

Through tide measurements Siltprofiler 23 October 2007

11283

Equipment(s):

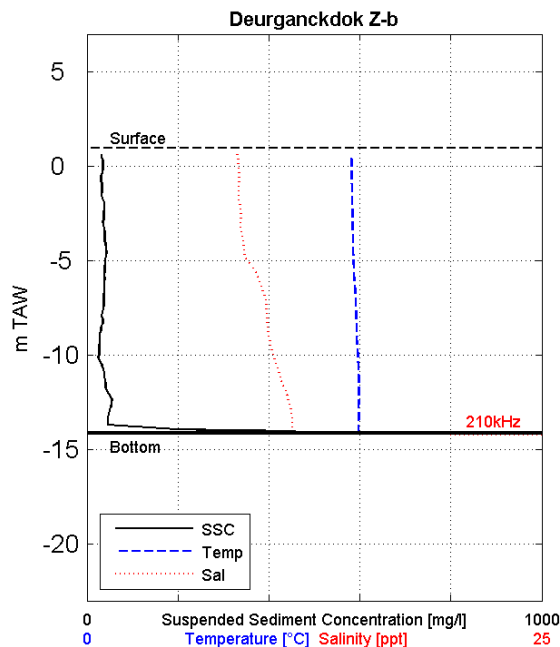
SiltProfiler & CTD-Diver

Sourcefile(s):

1015Zb_ctd.sil
1029Zb_ctd.sil

Location:

Deurganckdok

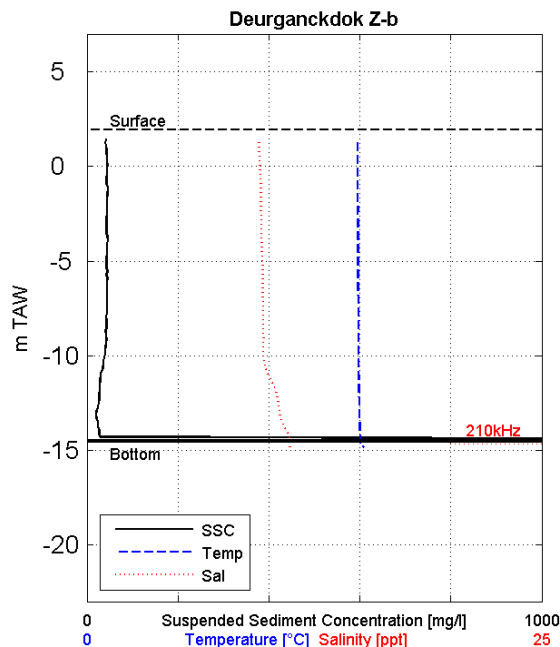


Siltprofiler

Date & Time [MET]: 23/10/2007 08:20
Time after/before HT [MET]: -4:39
Coordinates [UTM-ED50] Easting: 588725
Coordinates [UTM-ED50] Northing: 5684189
Water-Bottom Interface Siltpr. [m TAW]: -14.14
Waterdepth 210 kHz Echo [m TAW]: -14.22
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 0.98

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.62	14.5	NaN	31
0.55	14.5	8.2	31
0.51	14.5	8.2	31
0.23	14.5	8.3	34
-0.55	14.6	8.3	30
-1.37	14.6	8.3	30
-2.30	14.6	8.4	36
-3.28	14.6	8.4	38
-4.24	14.6	8.6	41
-5.22	14.6	9.0	39
-6.13	14.7	9.5	35
-7.12	14.8	9.8	36
-8.06	14.8	9.9	34
-8.99	14.8	10.0	28
-9.82	14.9	10.2	27
-10.71	14.9	10.5	34
-11.45	14.9	10.7	40
-12.27	14.9	11.0	62
-13.11	14.9	11.2	50
-13.96	14.9	11.3	51
-14.04	14.8	11.3	502
-14.10	14.9	11.3	704
-14.14	14.9	11.3	487

Depth Avg 14.7 9.5 40

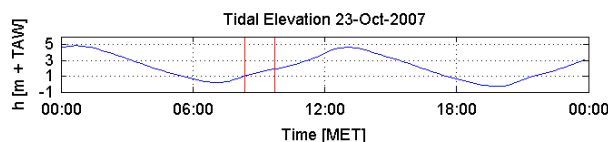


Siltprofiler

Date & Time [MET]: 23/10/2007 09:44
Time after/before HT [MET]: -3:15
Coordinates [UTM-ED50] Easting: 588695
Coordinates [UTM-ED50] Northing: 5684176
Water-Bottom Interface Siltpr. [m TAW]: -14.52
Waterdepth 210 kHz Echo [m TAW]: -14.68
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 1.92

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.45	14.9	NaN	41
1.30	14.8	9.4	40
1.28	14.8	9.4	45
1.26	14.8	9.5	38
1.24	14.8	9.4	40
1.21	14.8	9.5	37
0.65	14.9	9.5	42
-0.43	14.9	9.5	43
-1.44	14.9	9.6	45
-2.57	14.9	9.6	42
-3.69	14.9	9.6	43
-4.65	14.9	9.6	44
-5.77	14.9	9.7	43
-6.78	14.9	9.7	44
-7.76	14.9	9.6	43
-8.90	14.9	9.7	40
-9.89	14.9	9.6	39
-10.82	14.9	9.9	34
-11.71	14.9	10.3	27
-12.61	14.9	10.5	23
-13.53	15.0	10.8	23
-14.48	15.0	11.2	29
-14.52	15.0	11.2	86

Depth Avg 14.9 9.8 53



Data Processed by:



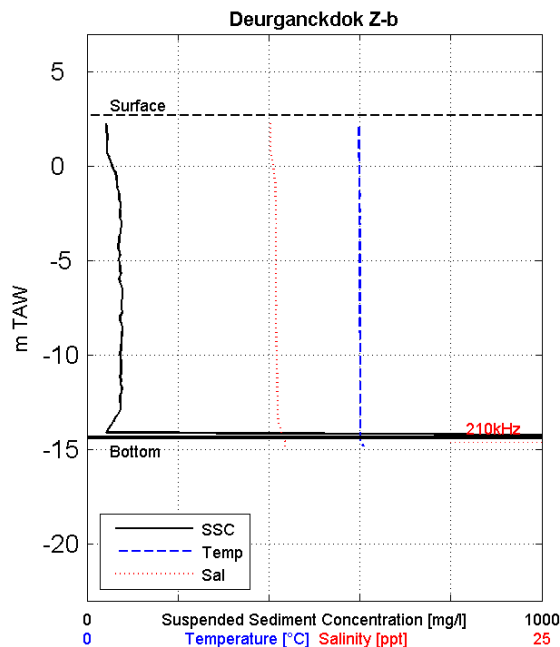
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

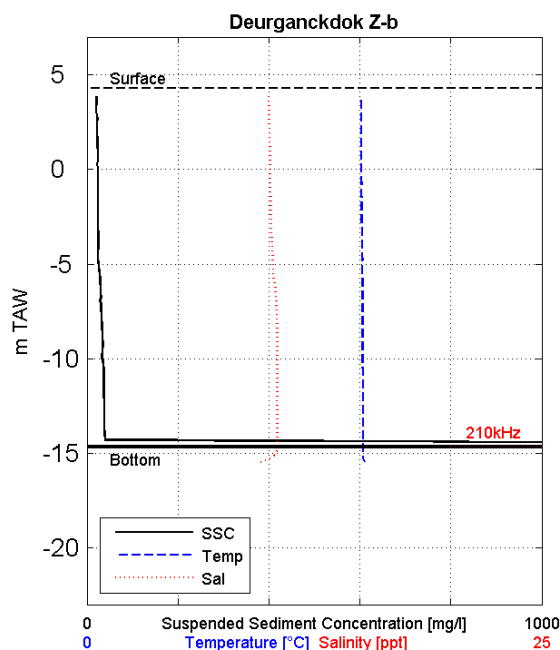
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1045Zb_ctd.sil 1060Zb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:53
 Time after/before HT [MET]: -2:06
 Coordinates [UTM-ED50] Easting: 588691
 Coordinates [UTM-ED50] Northing: 5684176
 Water-Bottom Interface Siltpr. [m TAW]: -14.39
 Waterdepth 210 kHz Echo [m TAW]: -14.59
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.71

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.39	14.9	NaN	43
2.30	15.0	10.1	43
2.22	14.9	10.1	43
2.16	14.9	10.1	44
1.63	14.9	10.1	45
0.77	15.0	10.1	41
-0.06	14.9	10.2	55
-0.95	15.0	10.4	66
-1.99	15.0	10.4	76
-3.15	15.0	10.4	73
-4.26	15.0	10.4	68
-5.15	14.9	10.4	73
-6.07	15.0	10.4	72
-7.03	15.0	10.4	76
-8.00	15.0	10.4	72
-9.01	15.0	10.4	75
-9.97	15.0	10.4	72
-10.83	15.0	10.4	76
-11.69	15.0	10.4	79
-12.61	15.0	10.4	72
-13.56	15.0	10.5	58
-14.38	15.0	10.8	1023
-14.39	15.0	10.8	79

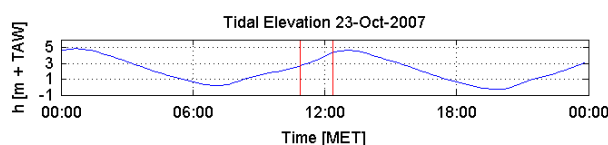
Depth Avg 15.0 10.4 77



Siltprofiler
 Date & Time [MET]: 23/10/2007 12:21
 Time after/before HT [MET]: -0:38
 Coordinates [UTM-ED50] Easting: 588673
 Coordinates [UTM-ED50] Northing: 5684161
 Water-Bottom Interface Siltpr. [m TAW]: -14.65
 Waterdepth 210 kHz Echo [m TAW]: -14.60
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.30

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.93	14.9	10.0	21
3.86	15.0	10.0	15
3.82	15.1	10.0	21
3.41	15.1	10.0	20
2.54	15.1	10.0	22
1.53	15.0	10.0	23
0.49	15.1	10.1	30
-0.60	15.1	10.1	22
-1.74	15.1	10.1	24
-2.71	15.1	10.1	23
-3.75	15.1	10.2	24
-4.76	15.1	10.2	24
-5.84	15.2	10.3	27
-6.83	15.1	10.4	28
-7.88	15.2	10.4	32
-8.79	15.1	10.4	34
-9.76	15.2	10.4	34
-10.68	15.2	10.5	37
-11.58	15.1	10.4	37
-12.58	15.2	10.4	38
-13.54	15.1	10.4	35
-14.48	15.2	10.4	47
-14.65	15.2	10.4	4702

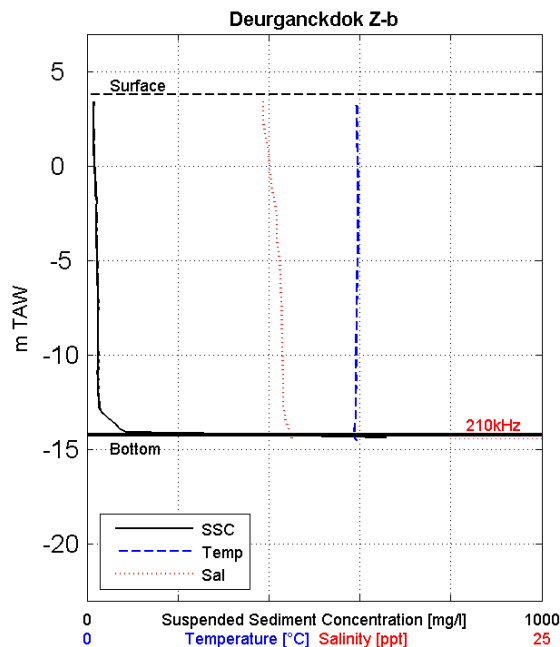
Depth Avg 15.1 10.2 55



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

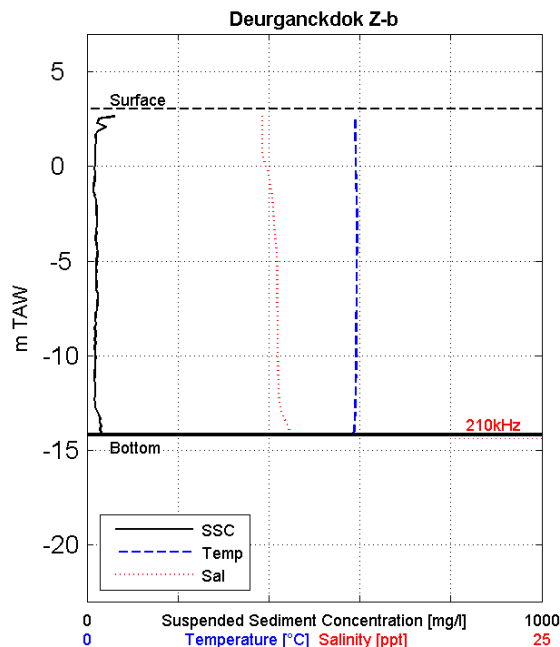
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1078Zb_ctd.sil 1093Zb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:25
 Time after/before HT [MET]: 1:25
 Coordinates [UTM-ED50] Easting: 588704
 Coordinates [UTM-ED50] Northing: 5684189
 Water-Bottom Interface Siltpr. [m TAW]: -14.24
 Waterdepth 210 kHz Echo [m TAW]: -14.41
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.79

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.46	14.8	9.7	14
3.36	14.9	9.7	13
3.31	14.7	9.7	13
3.22	14.9	9.7	16
2.57	14.8	9.7	14
1.61	14.9	9.8	14
0.66	14.8	10.0	16
-0.23	14.9	10.0	16
-1.20	14.9	10.2	18
-2.15	14.9	10.3	20
-3.11	14.9	10.4	18
-3.95	14.9	10.4	20
-4.86	14.9	10.6	22
-5.96	14.8	10.6	22
-7.07	14.8	10.7	23
-8.18	14.8	10.7	25
-9.20	14.8	10.7	23
-10.14	14.8	10.7	24
-11.12	14.8	10.8	24
-12.19	14.8	10.8	23
-13.28	14.7	10.9	44
-14.23	14.7	11.2	95
-14.24	14.7	11.2	88

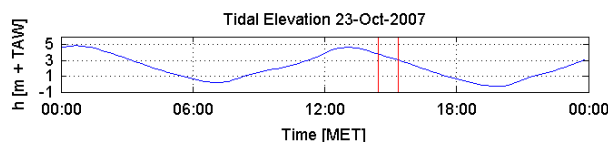
Depth Avg **14.8** **10.4** **25**



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:20
 Time after/before HT [MET]: 2:20
 Coordinates [UTM-ED50] Easting: 588703
 Coordinates [UTM-ED50] Northing: 5684188
 Water-Bottom Interface Siltpr. [m TAW]: -14.17
 Waterdepth 210 kHz Echo [m TAW]: -14.38
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.02

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.74	14.7	9.6	83
2.68	14.7	9.7	24
2.64	14.7	9.6	27
2.61	14.7	9.6	18
2.56	14.8	9.6	15
2.06	14.8	9.6	17
1.40	14.8	9.6	17
0.56	14.7	9.7	17
-0.51	14.8	10.0	16
-1.72	14.8	10.2	21
-2.92	14.9	10.3	21
-4.01	14.8	10.4	19
-5.04	14.8	10.4	20
-6.02	14.8	10.4	15
-6.95	14.8	10.5	23
-8.00	14.8	10.5	23
-9.00	14.8	10.4	17
-10.01	14.8	10.5	18
-11.01	14.8	10.5	16
-12.00	14.8	10.5	19
-12.99	14.7	10.7	30
-14.00	14.6	11.1	28
-14.17	14.6	11.2	4813

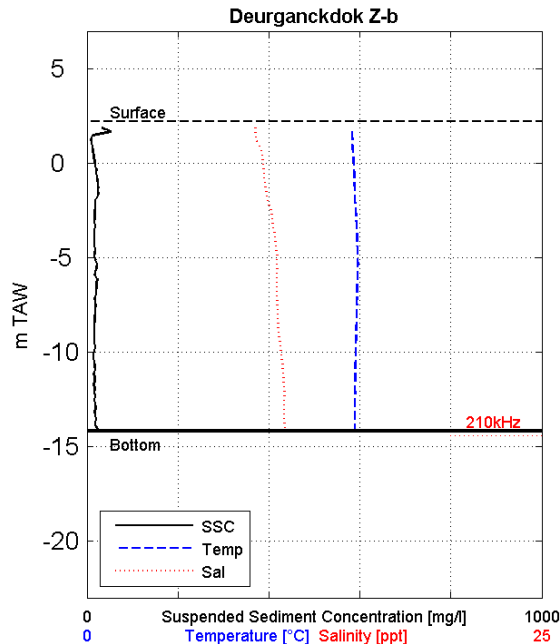
Depth Avg **14.8** **10.3** **23**



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1108Zb_ctd.sil 1123Zb_ctd.sil	Location: Deurganckdok

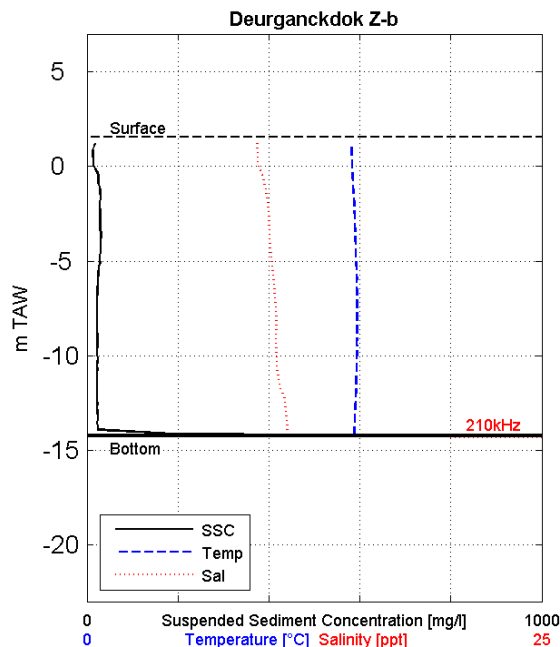


Siltprofiler

Date & Time [MET]: 23/10/2007 16:13
 Time after/before HT [MET]: 3:13
 Coordinates [UTM-ED50] Easting: 588693
 Coordinates [UTM-ED50] Northing: 5684180
 Water-Bottom Interface Siltpr. [m TAW]: -14.18
 Waterdepth 210 kHz Echo [m TAW]: -14.40
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.91	14.6	9.2	80
1.41	14.6	9.3	7
0.74	14.6	9.6	12
0.01	14.6	9.7	17
-0.75	14.7	9.7	23
-1.67	14.7	9.9	27
-2.57	14.8	10.1	19
-3.49	14.8	10.3	21
-4.26	14.8	10.4	14
-5.06	14.9	10.4	13
-5.94	14.9	10.4	15
-6.79	14.8	10.4	21
-7.66	14.8	10.5	16
-8.55	14.8	10.5	14
-9.29	14.8	10.6	12
-10.02	14.7	10.7	14
-10.80	14.7	10.8	15
-11.58	14.7	10.8	18
-12.37	14.7	10.8	15
-12.95	14.7	10.8	13
-13.52	14.7	10.8	20
-14.08	14.7	10.9	15
-14.18	14.7	10.9	481

Depth Avg 14.7 10.3 18

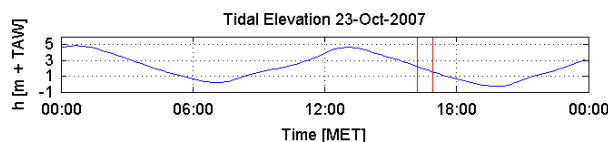


Siltprofiler

Date & Time [MET]: 23/10/2007 16:54
 Time after/before HT [MET]: 3:54
 Coordinates [UTM-ED50] Easting: 588712
 Coordinates [UTM-ED50] Northing: 5684185
 Water-Bottom Interface Siltpr. [m TAW]: -14.23
 Waterdepth 210 kHz Echo [m TAW]: -14.36
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.54

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.26	14.5	9.3	14
1.22	14.5	9.4	14
1.19	14.6	9.4	21
1.09	14.6	9.3	17
0.63	14.6	9.4	13
0.11	14.5	9.4	13
-0.67	14.6	9.7	24
-1.71	14.6	9.9	28
-2.88	14.7	10.0	27
-3.93	14.7	10.0	30
-4.88	14.7	10.1	27
-5.85	14.8	10.2	24
-6.76	14.8	10.3	22
-7.57	14.8	10.4	22
-8.52	14.9	10.4	20
-9.53	14.9	10.4	22
-10.33	14.8	10.4	23
-11.11	14.8	10.5	20
-12.01	14.8	10.8	23
-12.92	14.8	10.9	22
-13.77	14.7	11.0	23
-14.16	14.7	11.0	40
-14.23	14.7	11.0	689

Depth Avg 14.7 10.2 26



Data Processed by:



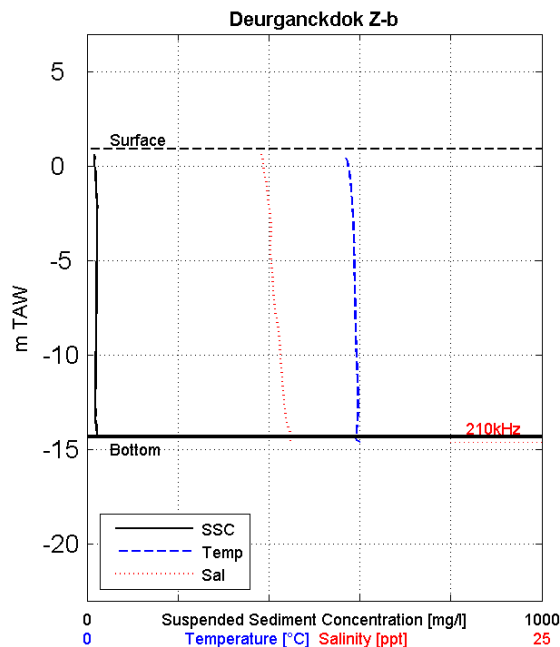
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

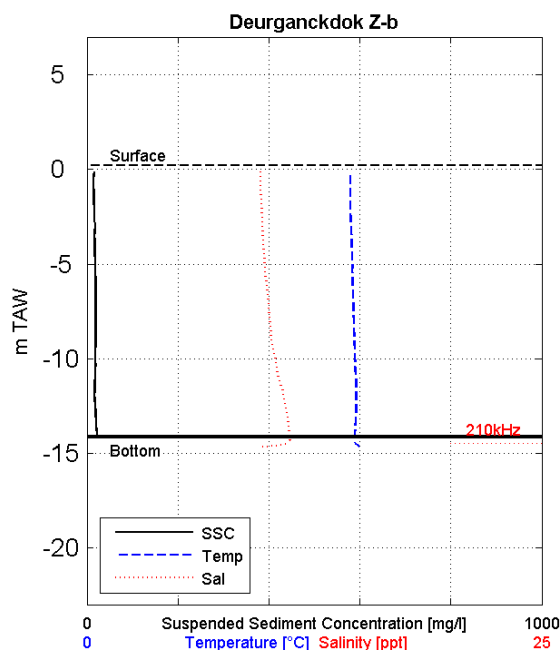
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1138Zb_ctd.sil 1154Zb_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:39
 Time after/before HT [MET]: 4:39
 Coordinates [UTM-ED50] Easting: 588702
 Coordinates [UTM-ED50] Northing: 5684167
 Water-Bottom Interface Siltpr. [m TAW]: -14.30
 Waterdepth 210 kHz Echo [m TAW]: -14.60
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.90

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.62	14.2	9.6	15
0.19	14.3	9.7	16
-0.40	14.4	9.8	18
-1.21	14.5	9.9	19
-2.10	14.6	10.0	22
-2.85	14.6	10.1	22
-3.69	14.7	10.1	23
-4.51	14.7	10.1	21
-5.22	14.7	10.1	21
-6.00	14.7	10.2	21
-6.75	14.7	10.2	27
-7.52	14.7	10.3	19
-8.25	14.7	10.4	19
-9.00	14.8	10.6	19
-9.70	14.8	10.6	18
-10.36	14.8	10.6	19
-10.95	14.8	10.7	19
-11.60	14.9	10.8	18
-12.27	14.9	10.8	17
-12.98	14.9	10.9	17
-13.68	14.9	11.0	23
-14.27	14.8	11.2	22
-14.30	14.7	11.2	37962

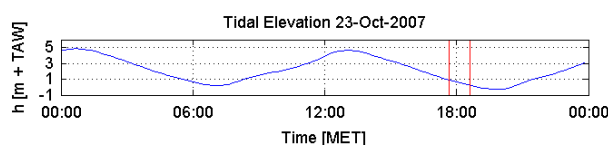
Depth Avg **14.7** **10.3** **39**



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:36
 Time after/before HT [MET]: 5:36
 Coordinates [UTM-ED50] Easting: 588709
 Coordinates [UTM-ED50] Northing: 5684180
 Water-Bottom Interface Siltpr. [m TAW]: -14.15
 Waterdepth 210 kHz Echo [m TAW]: -14.48
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.22

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.08	14.4	9.5	14
-0.55	14.5	9.5	15
-1.14	14.4	9.5	15
-1.86	14.4	9.6	17
-2.64	14.5	9.6	16
-3.33	14.5	9.7	18
-4.00	14.5	9.7	18
-4.70	14.6	9.7	18
-5.43	14.6	9.8	20
-6.15	14.6	9.9	19
-6.89	14.6	10.0	19
-7.67	14.6	10.0	18
-8.37	14.7	10.1	19
-9.12	14.7	10.1	19
-9.85	14.7	10.3	19
-10.52	14.7	10.4	17
-11.14	14.8	10.6	18
-11.82	14.8	10.8	17
-12.51	14.8	10.9	17
-13.17	14.8	11.0	19
-13.72	14.7	11.1	21
-14.15	14.7	11.2	26
-14.15	14.7	11.2	125

Depth Avg **14.6** **10.1** **17**



Data Processed by:



In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283

Equipment(s):

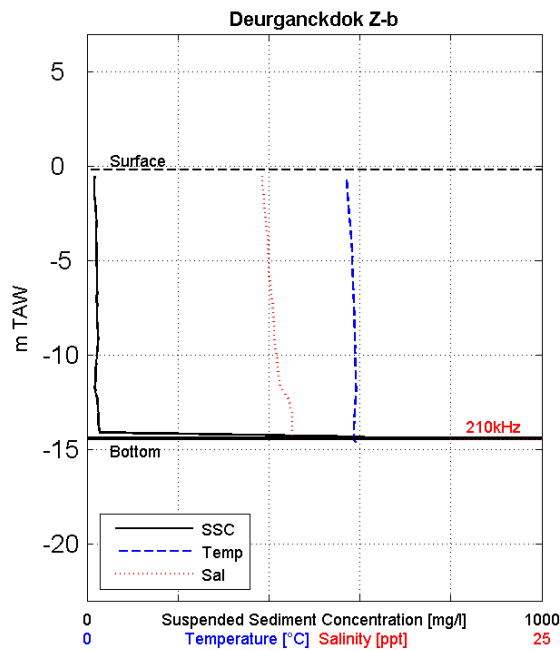
SiltProfiler & CTD-Diver

Sourcefile(s):

1169Zb_ctd.sil

Location:

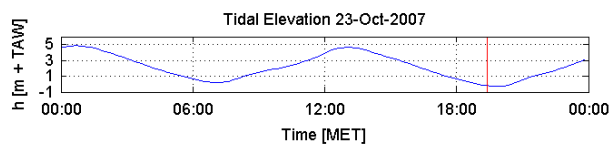
Deurganckdok



Siltprofiler

Date & Time [MET]: 23/10/2007 19:22
 Time after/before HT [MET]: 6:22
 Coordinates [UTM-ED50] Easting: 588694
 Coordinates [UTM-ED50] Northing: 5684174
 Water-Bottom Interface Siltpr. [m TAW]: -14.41
 Waterdepth 210 kHz Echo [m TAW]: -14.48
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.18

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.47	14.3	9.6	17
-1.00	14.3	9.6	16
-1.66	14.3	9.7	16
-2.33	14.4	9.8	18
-2.90	14.4	9.8	22
-3.53	14.5	9.9	19
-4.31	14.5	9.9	22
-5.04	14.6	10.0	21
-5.76	14.7	10.0	18
-6.57	14.6	10.1	21
-7.41	14.7	10.2	21
-8.13	14.7	10.2	22
-8.73	14.7	10.3	24
-9.38	14.7	10.3	23
-10.05	14.7	10.4	21
-10.69	14.7	10.5	17
-11.37	14.8	10.6	18
-12.03	14.8	10.9	22
-12.68	14.7	11.2	23
-13.25	14.7	11.3	24
-13.83	14.7	11.2	26
-14.41	14.7	11.3	2859
Depth Avg	14.6	10.3	37



Data Processed by:



In association with:

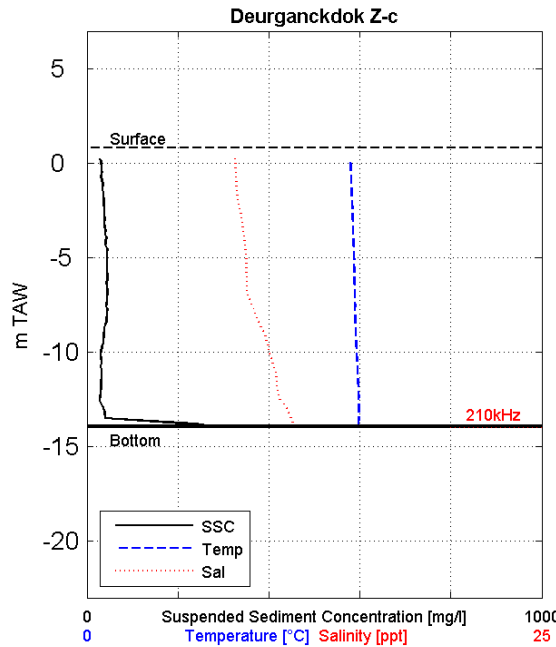


I/RA/11283/07.086/MSA

F.13 Location Zc

Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1013Zc_ctd.sil 1028Zc_ctd.sil	Location: Deurganckdok

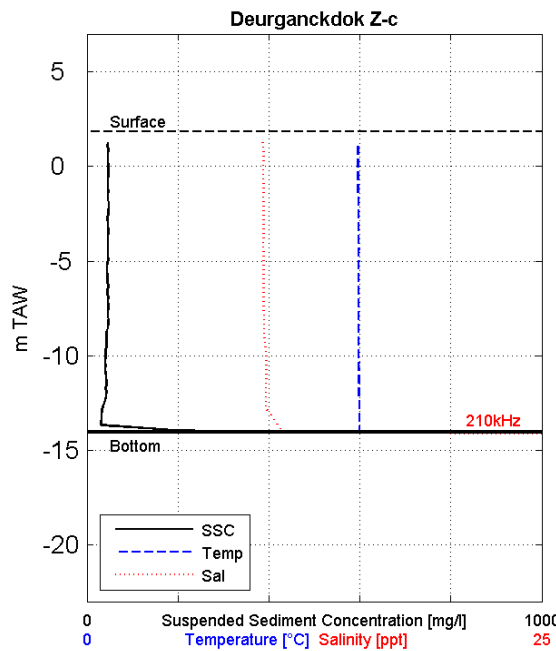


Siltprofiler

Date & Time [MET]: 23/10/2007 08:10
 Time after/before HT [MET]: -4:49
 Coordinates [UTM-ED50] Easting: 588756
 Coordinates [UTM-ED50] Northing: 5684243
 Water-Bottom Interface Siltpr. [m TAW]: -13.95
 Waterdepth 210 kHz Echo [m TAW]: -13.99
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.81

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.35	14.4	8.1	30
0.21	14.4	8.1	30
0.01	14.5	8.1	30
-0.87	14.5	8.2	32
-1.77	14.6	8.3	36
-2.75	14.6	8.4	38
-3.81	14.6	8.6	40
-4.81	14.7	8.7	43
-5.84	14.7	8.8	43
-6.83	14.7	8.8	44
-7.85	14.7	9.2	44
-8.88	14.8	9.7	36
-9.89	14.8	10.0	30
-10.73	14.9	10.3	31
-11.54	14.9	10.4	33
-12.39	14.9	10.5	28
-13.41	14.9	11.2	42
-13.79	14.9	11.3	268
-13.81	14.9	11.3	374
-13.84	14.9	11.3	43
-13.86	14.9	11.3	330
-13.89	14.9	11.3	237
-13.95	14.9	11.3	199

Depth Avg 14.7 9.2 39

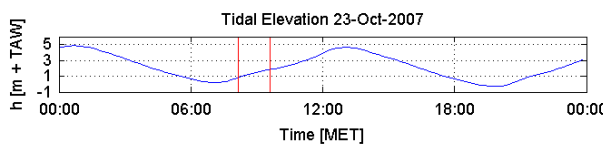


Siltprofiler

Date & Time [MET]: 23/10/2007 09:37
 Time after/before HT [MET]: -3:22
 Coordinates [UTM-ED50] Easting: 588752
 Coordinates [UTM-ED50] Northing: 5684233
 Water-Bottom Interface Siltpr. [m TAW]: -14.05
 Waterdepth 210 kHz Echo [m TAW]: -14.15
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.85

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.33	14.9	NaN	44
1.24	14.9	9.6	47
1.21	14.9	9.7	46
1.17	14.9	9.7	47
0.65	14.9	9.7	45
-0.44	14.9	9.7	47
-1.50	14.9	9.7	45
-2.55	14.9	9.7	47
-3.66	14.9	9.7	46
-4.96	14.9	9.7	45
-6.06	14.9	9.7	44
-7.14	14.9	9.7	45
-8.23	14.9	9.7	45
-9.28	14.9	9.8	43
-10.22	14.9	9.8	39
-11.13	14.9	9.8	41
-12.02	14.9	9.8	42
-13.07	14.9	10.0	31
-13.91	14.9	10.7	25
-13.94	14.9	10.7	25
-13.97	15.0	10.7	438
-14.01	15.0	10.7	28
-14.05	15.0	10.8	105

Depth Avg 14.9 9.8 45



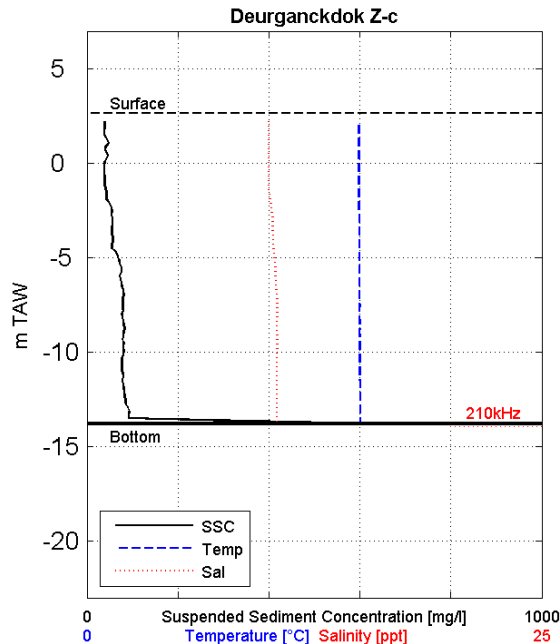
Data Processed by: IMDC

In association with: w|j delft hydraulics GEMS

I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

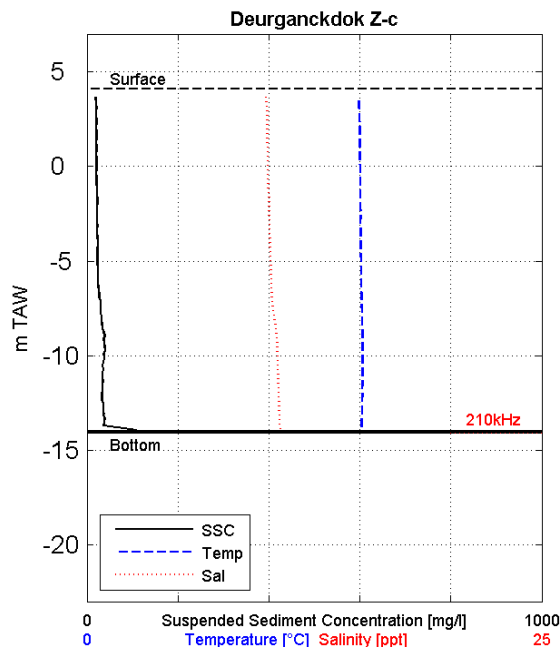
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1044Zc_ctd.sil 1059Zc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:50
 Time after/before HT [MET]: -2:09
 Coordinates [UTM-ED50] Easting: 588753
 Coordinates [UTM-ED50] Northing: 5684239
 Water-Bottom Interface Siltpr. [m TAW]: -13.77
 Waterdepth 210 kHz Echo [m TAW]: -13.94
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.66

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.28	14.9	NaN	40
2.12	14.9	10.0	39
2.05	14.9	10.0	36
1.92	14.9	10.0	38
1.45	14.9	10.0	37
0.60	14.9	9.9	32
-0.24	14.9	10.0	37
-1.06	15.0	10.0	38
-1.91	14.9	10.1	44
-2.89	15.0	10.2	57
-3.83	14.9	10.2	57
-4.74	14.9	10.3	66
-5.61	14.9	10.3	77
-6.54	15.0	10.4	79
-7.52	14.9	10.4	75
-8.54	15.0	10.4	79
-9.43	15.0	10.4	81
-10.31	15.0	10.4	77
-11.18	15.0	10.4	82
-12.08	15.0	10.4	82
-13.02	15.0	10.4	94
-13.76	15.0	10.4	3395
-13.77	15.0	10.4	257

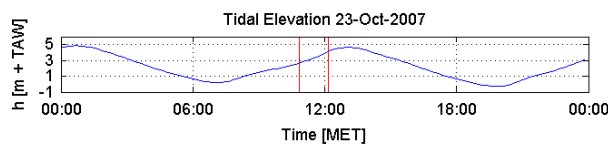
Depth Avg 15.0 10.2 67



Siltprofiler
 Date & Time [MET]: 23/10/2007 12:11
 Time after/before HT [MET]: -0:48
 Coordinates [UTM-ED50] Easting: 588755
 Coordinates [UTM-ED50] Northing: 5684247
 Water-Bottom Interface Siltpr. [m TAW]: -14.04
 Waterdepth 210 kHz Echo [m TAW]: -14.09
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.11

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.80	14.8	NaN	19
3.71	14.9	9.8	20
3.68	14.9	9.8	20
3.64	14.9	9.8	22
3.61	14.9	9.8	18
2.85	14.9	9.9	19
1.76	15.0	9.9	19
0.29	15.0	9.9	20
-1.07	15.0	9.9	23
-2.44	15.0	10.0	21
-3.76	15.1	10.0	22
-5.10	15.1	10.1	23
-6.31	15.1	10.1	24
-7.48	15.1	10.2	30
-8.70	15.1	10.4	37
-9.83	15.2	10.4	37
-10.95	15.2	10.5	35
-12.06	15.1	10.5	37
-13.17	15.1	10.5	39
-13.90	15.1	10.6	40
-13.94	15.1	10.6	178
-13.98	15.1	10.6	46
-14.04	15.1	10.6	271

Depth Avg 15.1 10.2 27



Data Processed by:



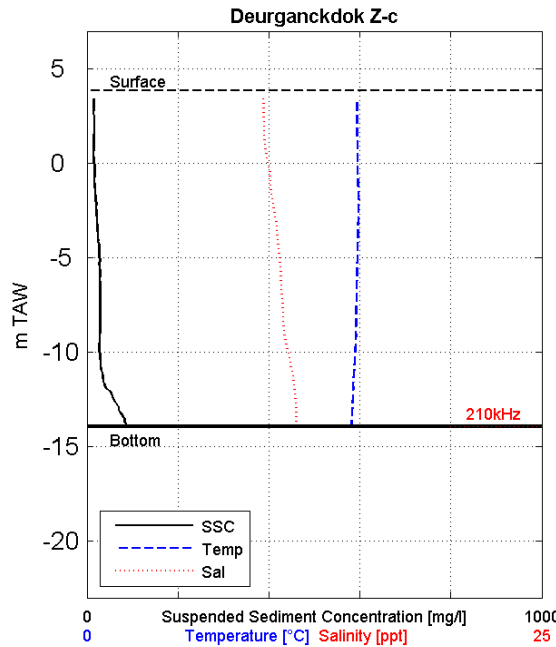
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

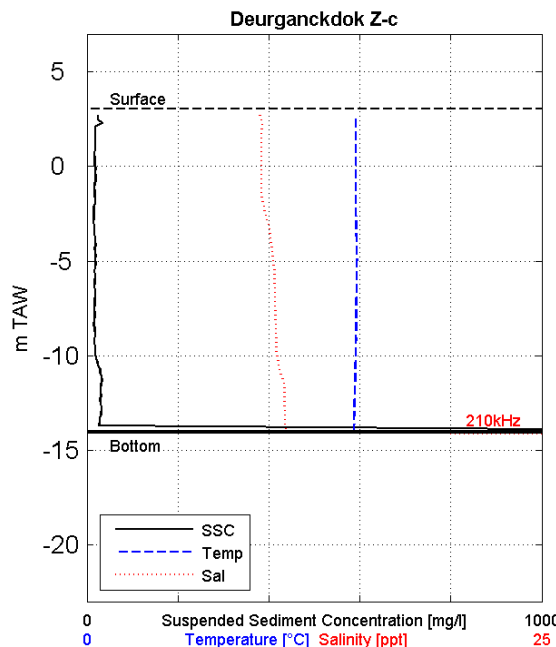
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1077Zc_ctd.sil 1092Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]: 23/10/2007 14:21
 Time after/before HT [MET]: 1:21
 Coordinates [UTM-ED50] Easting: 588752
 Coordinates [UTM-ED50] Northing: 5684262
 Water-Bottom Interface Siltpr. [m TAW]: -13.95
 Waterdepth 210 kHz Echo [m TAW]: -13.95
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.85

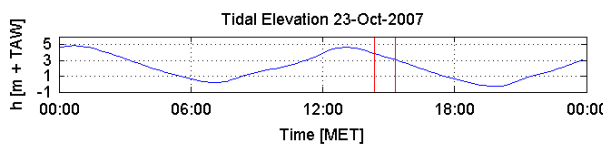
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.50	14.8	9.7	14
3.42	14.8	9.7	13
3.39	14.8	9.7	14
3.36	14.8	9.7	14
3.35	14.9	9.7	18
3.32	14.9	9.7	13
3.27	14.8	9.7	16
2.38	14.8	9.7	16
1.26	14.9	9.7	14
0.03	14.9	9.9	11
-1.09	14.9	10.1	18
-2.38	14.9	10.3	19
-3.77	14.9	10.4	24
-4.98	14.9	10.6	27
-6.33	14.8	10.7	29
-7.59	14.8	10.8	28
-8.66	14.8	10.8	29
-9.94	14.7	11.1	28
-11.12	14.7	11.3	34
-12.24	14.6	11.4	57
-13.26	14.5	11.5	75
-13.89	14.6	11.5	87
-13.95	14.5	11.5	90
Depth Avg	14.8	10.5	28



Siltprofiler

Date & Time [MET]: 23/10/2007 15:17
 Time after/before HT [MET]: 2:17
 Coordinates [UTM-ED50] Easting: 588748
 Coordinates [UTM-ED50] Northing: 5684246
 Water-Bottom Interface Siltpr. [m TAW]: -14.06
 Waterdepth 210 kHz Echo [m TAW]: -14.14
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.06

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.78	14.7	9.5	21
2.68	14.7	9.5	24
2.14	14.8	9.6	32
1.38	14.7	9.5	23
0.59	14.8	9.6	15
-0.33	14.8	9.6	14
-1.30	14.8	9.6	16
-2.23	14.8	9.7	20
-3.25	14.8	10.0	16
-4.18	14.8	10.1	20
-5.16	14.8	10.3	18
-6.02	14.8	10.3	7
-6.93	14.8	10.3	19
-7.83	14.8	10.3	19
-8.76	14.8	10.4	13
-9.74	14.8	10.4	17
-10.75	14.8	10.6	30
-11.68	14.7	10.8	34
-12.62	14.7	10.8	32
-13.58	14.7	10.9	31
-13.94	14.7	10.9	1072
-14.01	14.7	11.0	2961
-14.06	14.7	11.0	3843
Depth Avg	14.8	10.1	36



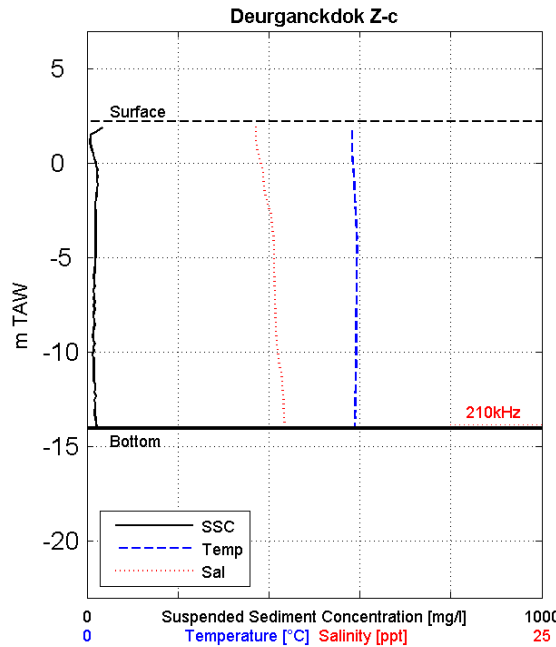
Data Processed by: IMDC

In association with: w|j delft hydraulics GEMS

I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

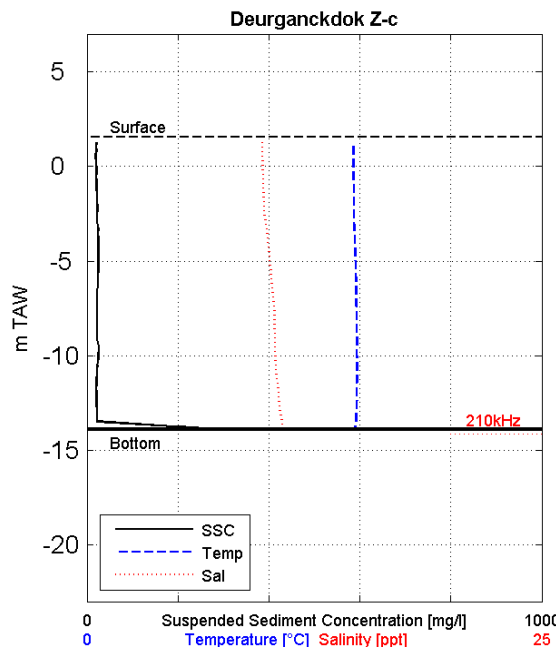
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1107Zc_ctd.sil 1122Zc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:11
 Time after/before HT [MET]: 3:11
 Coordinates [UTM-ED50] Easting: 588746
 Coordinates [UTM-ED50] Northing: 5684261
 Water-Bottom Interface Siltpr. [m TAW]: -14.02
 Waterdepth 210 kHz Echo [m TAW]: -13.86
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.24

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.95	14.6	9.3	61
1.64	14.6	9.3	6
0.94	14.6	9.3	7
0.28	14.6	9.5	16
-0.45	14.6	9.7	23
-1.20	14.7	9.7	25
-2.03	14.7	9.9	18
-2.88	14.8	10.1	20
-3.67	14.8	10.2	19
-4.38	14.8	10.3	17
-5.07	14.8	10.3	15
-5.77	14.8	10.3	14
-6.69	14.8	10.3	11
-7.52	14.8	10.3	13
-8.43	14.8	10.4	15
-9.24	14.8	10.4	15
-10.05	14.8	10.5	13
-10.77	14.8	10.6	12
-11.48	14.8	10.7	17
-12.22	14.7	10.8	16
-13.10	14.7	10.8	17
-13.86	14.7	10.9	20
-14.02	14.7	10.9	23

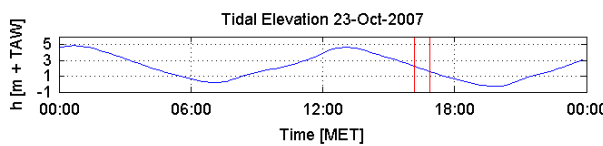
Depth Avg 14.7 10.2 17



Siltprofiler
 Date & Time [MET]: 23/10/2007 16:52
 Time after/before HT [MET]: 3:52
 Coordinates [UTM-ED50] Easting: 588745
 Coordinates [UTM-ED50] Northing: 5684261
 Water-Bottom Interface Siltpr. [m TAW]: -13.90
 Waterdepth 210 kHz Echo [m TAW]: -14.13
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.57

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.29	14.6	9.6	21
0.88	14.7	9.6	19
0.22	14.6	9.6	16
-0.53	14.6	9.6	20
-1.43	14.6	9.7	26
-2.39	14.7	9.7	22
-3.36	14.7	9.9	24
-4.25	14.7	10.0	24
-5.02	14.8	10.0	24
-5.71	14.8	10.1	25
-6.53	14.8	10.2	22
-7.51	14.8	10.3	21
-8.54	14.8	10.3	22
-9.40	14.8	10.3	24
-10.17	14.9	10.3	24
-10.89	14.8	10.4	21
-11.61	14.8	10.5	20
-12.40	14.8	10.5	21
-13.12	14.8	10.7	21
-13.74	14.8	10.8	478
-13.80	14.8	10.8	472
-13.84	14.8	10.8	91
-13.90	14.8	10.8	54

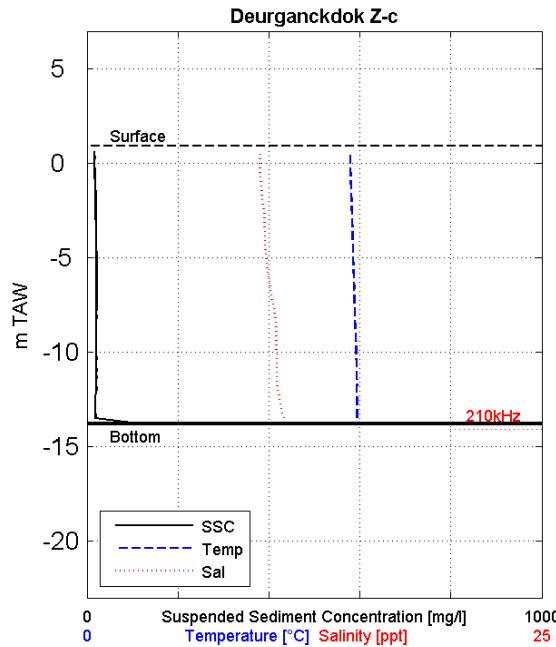
Depth Avg 14.7 10.1 24



Data Processed by: IMDC
 In association with: w|delft hydraulics GEMS
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

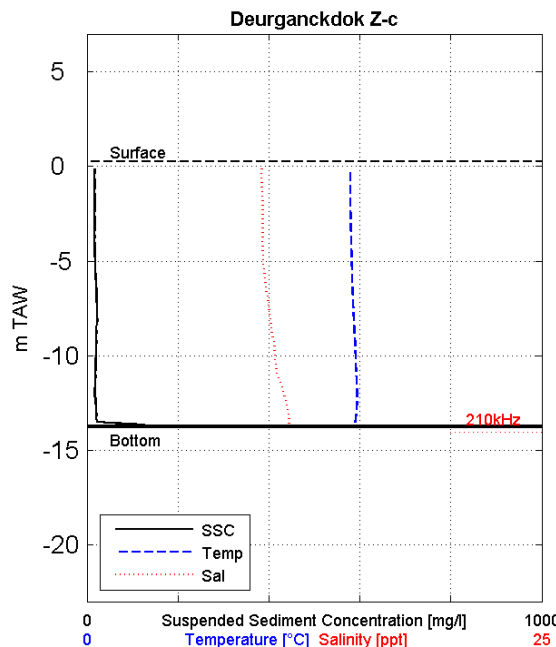
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1137Zc_ctd.sil 1153Zc_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:37
 Time after/before HT [MET]: 4:37
 Coordinates [UTM-ED50] Easting: 588746
 Coordinates [UTM-ED50] Northing: 5684254
 Water-Bottom Interface Siltpr. [m TAW]: -13.79
 Waterdepth 210 kHz Echo [m TAW]: -14.07
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.93

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.65	14.5	NaN	14
0.43	14.5	9.5	16
0.37	14.4	9.5	16
0.34	14.4	9.5	17
0.32	14.5	9.5	17
0.15	14.5	9.5	15
-0.68	14.5	9.5	16
-1.61	14.5	9.6	19
-2.66	14.6	9.7	19
-3.46	14.6	9.8	19
-4.25	14.6	9.8	19
-5.07	14.6	9.8	22
-5.86	14.7	9.9	21
-6.73	14.7	10.1	21
-7.66	14.7	10.3	20
-8.61	14.7	10.4	18
-9.47	14.8	10.4	20
-10.44	14.8	10.4	19
-11.28	14.8	10.4	21
-12.19	14.8	10.5	19
-12.98	14.8	10.7	16
-13.71	14.9	10.9	18
-13.79	14.8	10.9	116

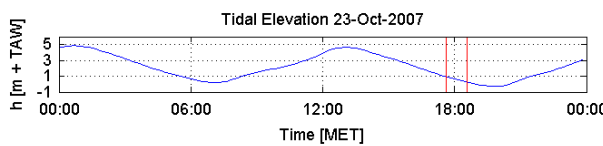
Depth Avg 14.7 10.1 20



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:34
 Time after/before HT [MET]: 5:34
 Coordinates [UTM-ED50] Easting: 588753
 Coordinates [UTM-ED50] Northing: 5684257
 Water-Bottom Interface Siltpr. [m TAW]: -13.76
 Waterdepth 210 kHz Echo [m TAW]: -14.06
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.24

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.04	14.5	9.6	15
-0.82	14.5	9.6	16
-1.79	14.5	9.6	16
-2.67	14.5	9.7	16
-3.24	14.5	9.6	17
-3.72	14.5	9.6	16
-4.05	14.5	9.6	17
-4.26	14.5	9.6	23
-4.39	14.6	9.6	17
-4.80	14.5	9.6	17
-5.62	14.5	9.7	18
-6.54	14.6	9.9	20
-7.47	14.6	10.0	23
-8.41	14.7	10.1	21
-9.23	14.7	10.3	21
-10.12	14.8	10.3	19
-10.99	14.8	10.4	19
-11.84	14.9	10.8	17
-12.68	14.8	11.0	19
-13.46	14.8	11.1	22
-13.65	14.7	11.1	42
-13.71	14.7	11.1	329
-13.76	14.7	11.1	287

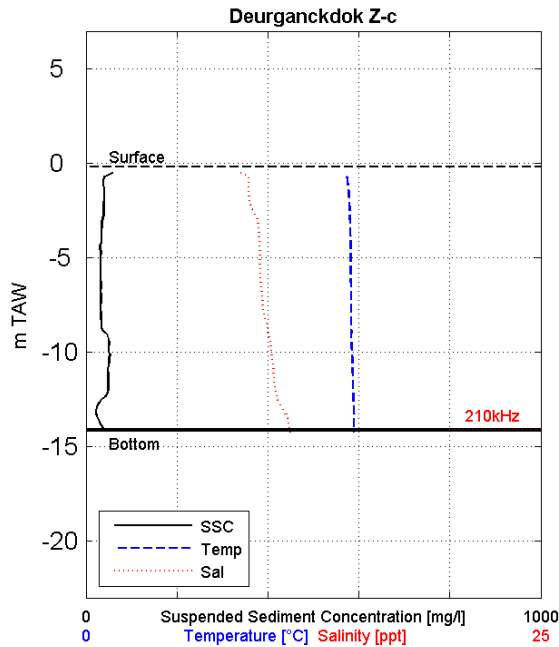
Depth Avg 14.6 10.0 19



Data Processed by: IMDC
 In association with: w|j delft hydraulics GEMS
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

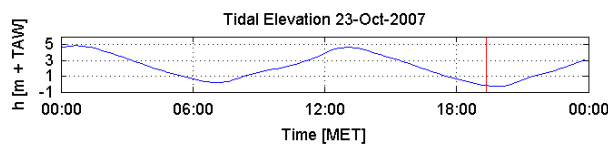
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1168Zc_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]: 23/10/2007 19:20
 Time after/before HT [MET]: 6:20
 Coordinates [UTM-ED50] Easting: 588744
 Coordinates [UTM-ED50] Northing: 5684241
 Water-Bottom Interface Siltpr. [m TAW]: -14.13
 Waterdepth 210 kHz Echo [m TAW]: -14.07
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.46	14.0	8.2	52
-0.65	14.3	8.9	39
-1.06	14.4	8.9	39
-1.61	14.4	8.9	43
-2.19	14.4	9.0	40
-2.85	14.5	9.4	37
-3.56	14.5	9.5	31
-4.20	14.6	9.5	32
-5.01	14.6	9.5	30
-5.85	14.5	9.5	32
-6.65	14.5	9.6	32
-7.45	14.6	9.7	33
-8.04	14.6	9.8	32
-8.73	14.6	10.0	34
-9.33	14.6	10.1	51
-10.14	14.7	10.2	52
-10.75	14.6	10.3	47
-11.47	14.6	10.3	49
-12.16	14.7	10.4	48
-12.67	14.7	10.6	28
-13.38	14.7	11.0	22
-13.90	14.7	11.2	35
-14.13	14.7	11.2	43
Depth Avg	14.6	9.8	38



Data Processed by:



In association with:

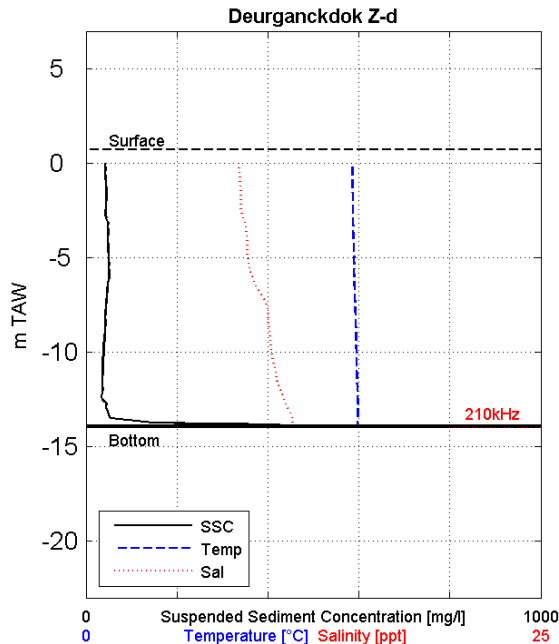


I/RA/11283/07.086/MSA

F.14 Location Zd

Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1012Zd_ctd.sil 1027Zd_ctd.sil	Location: Deurganckdok

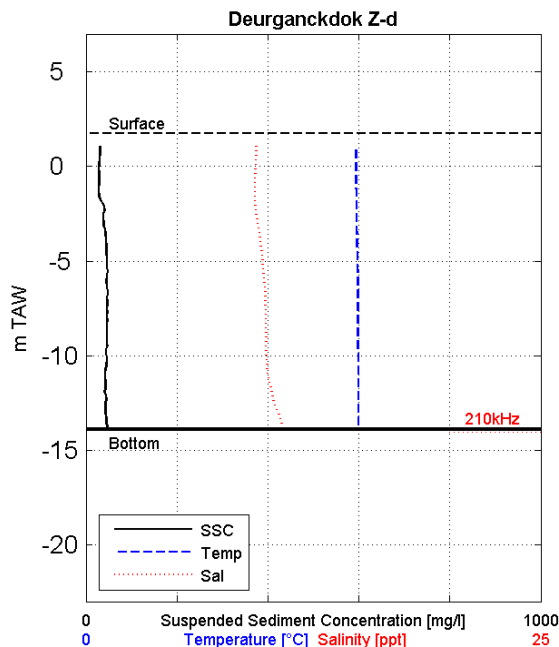


Siltprofiler

Date & Time [MET]: 23/10/2007 08:04
 Time after/before HT [MET]: -4:55
 Coordinates [UTM-ED50] Easting: 588791
 Coordinates [UTM-ED50] Northing: 5684322
 Water-Bottom Interface Siltpr. [m TAW]: -13.95
 Waterdepth 210 kHz Echo [m TAW]: -13.98
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.72

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.10	14.6	NaN	41
0.01	14.6	8.4	41
0.00	14.7	8.3	43
-0.02	14.7	8.4	43
-0.04	14.7	8.4	51
-0.06	14.6	8.3	43
-0.12	14.5	8.4	24
-1.01	14.7	8.5	41
-2.11	14.7	8.5	44
-3.28	14.7	8.8	46
-4.46	14.7	8.8	51
-5.67	14.7	9.0	52
-6.85	14.8	9.6	44
-7.79	14.8	10.0	41
-8.95	14.8	10.1	40
-9.98	14.8	10.2	39
-11.10	14.9	10.4	35
-12.07	14.9	10.7	36
-13.10	15.0	11.2	45
-13.80	14.9	11.3	622
-13.85	14.9	11.3	61
-13.89	15.0	11.3	418
-13.95	14.9	11.4	414

Depth Avg 14.8 9.5 46

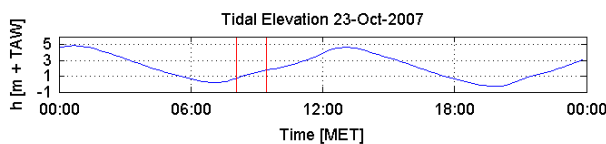


Siltprofiler

Date & Time [MET]: 23/10/2007 09:27
 Time after/before HT [MET]: -3:32
 Coordinates [UTM-ED50] Easting: 588804
 Coordinates [UTM-ED50] Northing: 5684325
 Water-Bottom Interface Siltpr. [m TAW]: -13.92
 Waterdepth 210 kHz Echo [m TAW]: -14.04
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.76

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.18	14.8	NaN	33
1.08	14.8	9.3	28
1.03	14.8	9.4	30
0.35	14.9	9.3	29
-0.42	14.9	9.3	24
-1.21	14.8	9.3	28
-2.19	14.9	9.3	40
-3.15	14.8	9.5	39
-4.34	14.9	9.6	46
-5.13	14.9	9.7	44
-6.01	14.9	9.8	44
-6.97	14.9	9.8	47
-7.89	14.9	9.8	47
-8.82	14.9	9.9	47
-9.58	14.9	9.9	44
-10.41	15.0	9.9	45
-11.21	14.9	10.0	43
-12.10	14.9	10.2	41
-12.98	14.9	10.5	43
-13.75	15.0	10.8	44
-13.82	15.0	10.8	46
-13.88	15.0	10.8	44
-13.92	15.0	10.8	51

Depth Avg 14.9 9.7 40



Data Processed by:



In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283

Equipment(s):

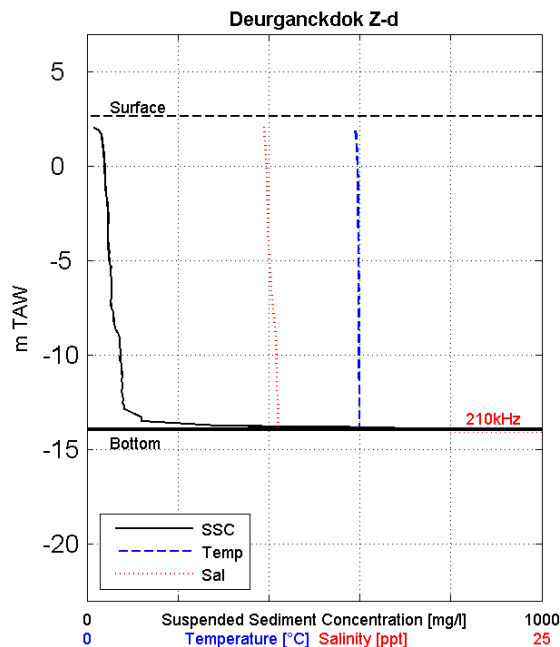
SiltProfiler & CTD-Diver

Sourcefile(s):

1043Zd_ctd.sil
1058Zd_ctd.sil

Location:

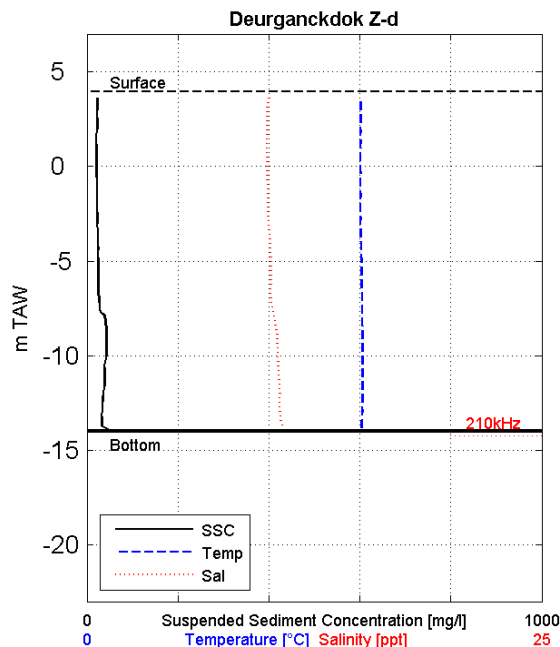
Deurganckdok



Siltprofiler

Date & Time [MET]: 23/10/2007 10:48
 Time after/before HT [MET]: -2:11
 Coordinates [UTM-ED50] Easting: 588794
 Coordinates [UTM-ED50] Northing: 5684323
 Water-Bottom Interface Siltpr. [m TAW]: -13.94
 Waterdepth 210 kHz Echo [m TAW]: -14.07
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.63

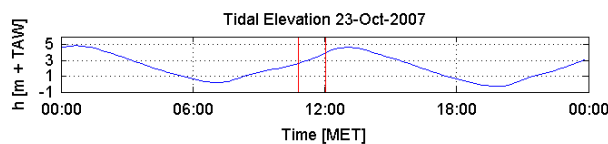
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.05	14.7	9.7	14
1.10	14.8	9.8	34
0.21	14.9	9.8	39
-0.75	14.9	9.9	40
-1.80	14.9	9.9	44
-2.86	14.9	9.9	47
-4.09	14.9	10.0	47
-5.20	14.9	10.0	51
-6.14	14.9	10.1	51
-7.11	14.9	10.2	51
-8.16	14.9	10.3	59
-9.10	14.9	10.4	70
-10.07	14.9	10.4	72
-10.94	14.9	10.4	77
-11.82	14.9	10.4	77
-12.92	14.9	10.5	86
-13.80	14.9	10.5	128
-13.82	14.9	10.5	918
-13.84	14.9	10.5	857
-13.87	15.0	10.5	124
-13.89	15.0	10.5	129
-13.94	15.0	10.5	183
Depth Avg	14.9	10.1	60



Siltprofiler

Date & Time [MET]: 23/10/2007 12:03
 Time after/before HT [MET]: -0:56
 Coordinates [UTM-ED50] Easting: 588799
 Coordinates [UTM-ED50] Northing: 5684321
 Water-Bottom Interface Siltpr. [m TAW]: -14.00
 Waterdepth 210 kHz Echo [m TAW]: -14.25
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.95

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.60	15.0	10.0	22
3.52	15.0	10.0	25
3.49	15.0	10.0	23
3.47	15.1	10.0	22
3.25	15.0	9.9	21
2.31	15.0	9.9	22
1.32	15.0	9.9	20
0.39	15.0	9.9	21
-0.87	15.0	9.9	22
-2.15	15.0	9.9	22
-3.52	15.0	10.0	24
-4.55	15.0	10.1	24
-5.77	15.1	10.1	23
-6.93	15.1	10.1	26
-8.00	15.1	10.3	41
-9.05	15.1	10.4	43
-10.11	15.2	10.5	40
-11.18	15.2	10.5	40
-12.10	15.2	10.6	36
-13.15	15.1	10.6	32
-13.86	15.1	10.8	31
-13.94	15.1	10.8	33
-14.00	15.1	10.9	99
Depth Avg	15.1	10.2	28



Data Processed by:



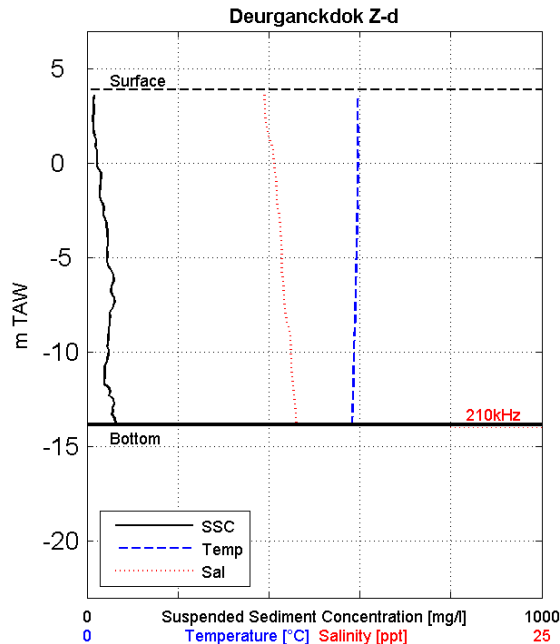
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

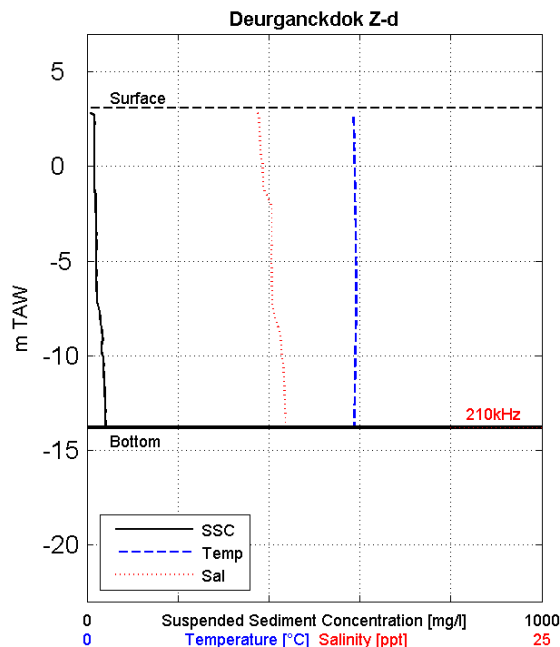
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1076Zd_ctd.sil 1091Zd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:18
 Time after/before HT [MET]: 1:18
 Coordinates [UTM-ED50] Easting: 588798
 Coordinates [UTM-ED50] Northing: 5684339
 Water-Bottom Interface Siltpr. [m TAW]: -13.84
 Waterdepth 210 kHz Echo [m TAW]: -14.01
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.89

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.61	14.9	9.7	17
3.44	14.9	9.8	16
2.80	14.9	9.8	13
1.99	14.9	9.8	14
1.26	14.9	10.1	21
0.42	14.9	10.2	22
-0.38	14.9	10.3	28
-1.40	14.8	10.4	27
-2.51	14.8	10.5	37
-3.60	14.8	10.6	43
-4.57	14.8	10.7	43
-5.60	14.8	10.7	51
-6.58	14.8	10.8	52
-7.64	14.8	10.9	56
-8.56	14.8	11.0	49
-9.46	14.7	11.2	45
-10.37	14.6	11.2	45
-11.27	14.7	11.3	39
-12.07	14.7	11.3	52
-12.92	14.6	11.4	56
-13.72	14.6	11.5	62
-13.82	14.6	11.5	61
-13.84	14.6	11.5	62

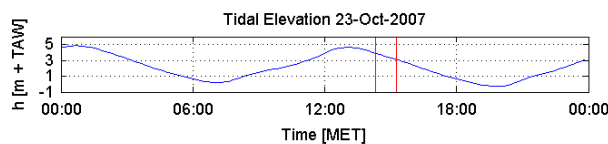
Depth Avg **14.8** **10.7** **39**



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:15
 Time after/before HT [MET]: 2:15
 Coordinates [UTM-ED50] Easting: 588798
 Coordinates [UTM-ED50] Northing: 5684327
 Water-Bottom Interface Siltpr. [m TAW]: -13.81
 Waterdepth 210 kHz Echo [m TAW]: -13.81
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.09

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.81	14.5	9.4	7
2.72	14.6	9.4	15
2.68	14.7	9.4	13
2.63	14.7	9.4	17
2.17	14.6	9.5	16
1.46	14.7	9.5	14
0.77	14.7	9.5	14
0.06	14.7	9.6	18
-0.70	14.7	9.7	15
-1.64	14.8	9.9	19
-2.67	14.8	10.1	19
-3.90	14.8	10.1	19
-4.95	14.7	10.1	18
-5.96	14.8	10.1	21
-6.97	14.8	10.1	23
-8.04	14.8	10.3	28
-9.04	14.8	10.6	34
-9.94	14.7	10.7	35
-10.86	14.7	10.8	34
-11.75	14.8	10.8	39
-12.66	14.7	10.9	40
-13.66	14.7	10.9	40
-13.81	14.8	10.9	42

Depth Avg **14.7** **10.2** **24**



Data Processed by:



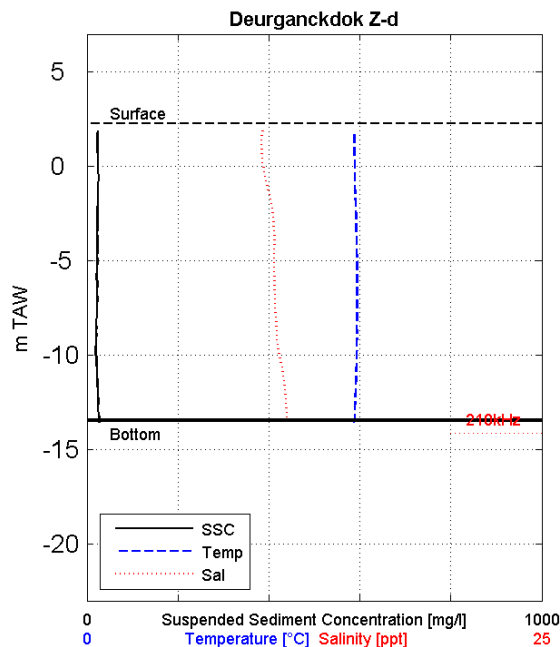
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1106Zd_ctd.sil 1121Zd_ctd.sil	Location: Deurganckdok

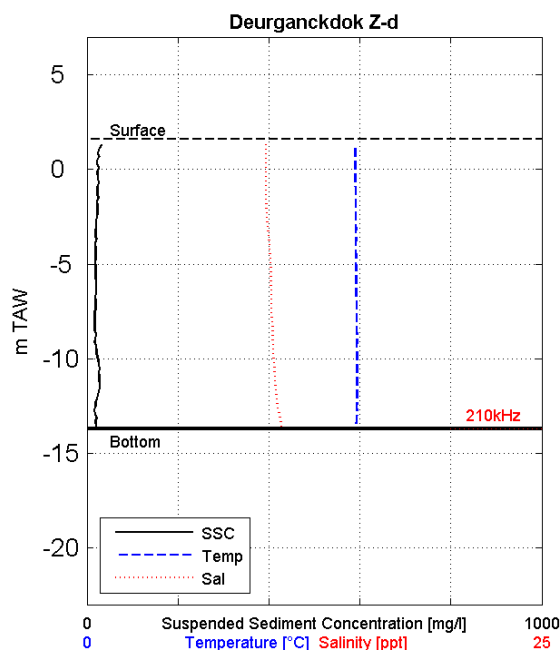


Siltprofiler

Date & Time [MET]: 23/10/2007 16:08
 Time after/before HT [MET]: 3:08
 Coordinates [UTM-ED50] Easting: 588801
 Coordinates [UTM-ED50] Northing: 5684315
 Water-Bottom Interface Siltpr. [m TAW]: -13.47
 Waterdepth 210 kHz Echo [m TAW]: -14.12
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.28

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.95	14.6	9.7	24
1.88	14.7	9.7	25
1.83	14.7	9.6	26
1.79	14.7	9.6	23
1.39	14.7	9.6	21
0.77	14.7	9.6	21
0.12	14.7	9.7	23
-0.81	14.7	9.8	23
-1.82	14.7	10.1	23
-2.84	14.8	10.2	23
-3.87	14.8	10.3	22
-4.89	14.9	10.3	22
-5.76	14.8	10.3	20
-6.61	14.8	10.3	22
-7.56	14.8	10.3	21
-8.41	14.9	10.4	19
-9.23	14.8	10.4	19
-10.15	14.8	10.6	21
-11.00	14.8	10.8	21
-11.79	14.8	10.9	26
-12.55	14.7	10.9	26
-13.38	14.7	11.0	27
-13.47	14.7	11.0	30

Depth Avg 14.8 10.3 22

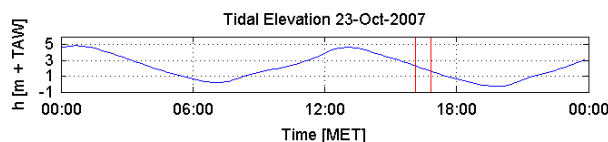


Siltprofiler

Date & Time [MET]: 23/10/2007 16:50
 Time after/before HT [MET]: 3:50
 Coordinates [UTM-ED50] Easting: 588799
 Coordinates [UTM-ED50] Northing: 5684326
 Water-Bottom Interface Siltpr. [m TAW]: -13.70
 Waterdepth 210 kHz Echo [m TAW]: -13.70
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.60

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.32	14.5	9.8	28
1.28	14.6	9.8	20
0.91	14.8	9.8	26
0.28	14.8	9.8	22
-0.67	14.8	9.8	23
-1.74	14.8	9.8	24
-2.77	14.8	9.9	17
-3.77	14.8	10.0	20
-4.70	14.8	10.1	18
-5.61	14.8	10.1	28
-6.43	14.8	10.1	20
-7.31	14.8	10.1	17
-8.16	14.8	10.2	15
-8.98	14.9	10.2	16
-9.72	14.8	10.2	17
-10.50	14.8	10.3	32
-11.24	14.8	10.3	32
-12.07	14.9	10.4	27
-12.80	14.8	10.5	15
-13.34	14.8	10.6	22
-13.58	14.8	10.7	18
-13.65	14.7	10.7	22
-13.70	14.8	10.7	19

Depth Avg 14.8 10.1 21



Data Processed by:



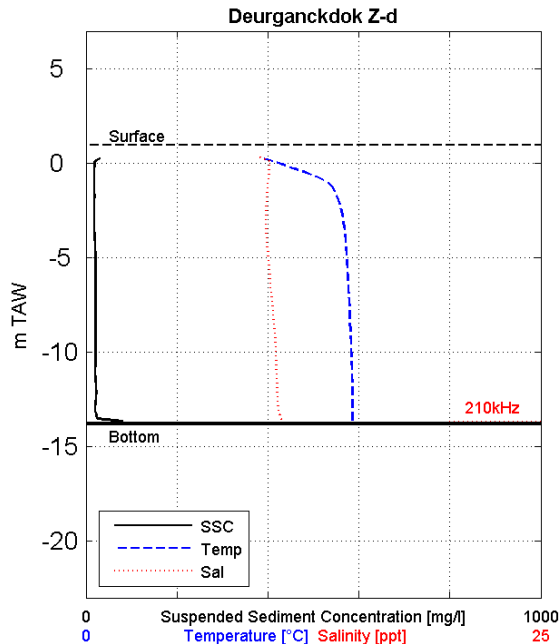
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

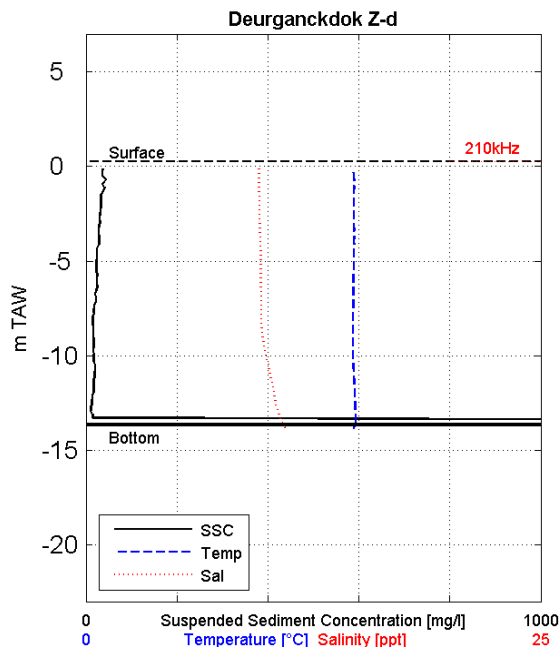
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1136Zd_ctd.sil 1152Zd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:35
 Time after/before HT [MET]: 4:35
 Coordinates [UTM-ED50] Easting: 588775
 Coordinates [UTM-ED50] Northing: 5684348
 Water-Bottom Interface Siltpr. [m TAW]: -13.77
 Waterdepth 210 kHz Echo [m TAW]: -13.65
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.95

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.37	9.4	8.9	46
-0.33	11.6	10.1	17
-0.84	13.0	10.0	17
-1.27	13.6	9.9	16
-1.98	13.9	9.9	18
-2.80	14.1	9.9	17
-3.52	14.2	9.9	17
-4.26	14.3	9.9	21
-5.20	14.3	10.0	19
-6.31	14.4	10.1	22
-7.16	14.5	10.2	23
-8.13	14.5	10.3	21
-9.00	14.5	10.4	21
-9.83	14.6	10.4	21
-10.69	14.6	10.4	21
-11.48	14.6	10.5	20
-12.26	14.7	10.5	22
-12.90	14.7	10.5	20
-13.41	14.7	10.7	23
-13.62	14.6	10.8	18
-13.69	14.7	10.8	25
-13.77	14.7	10.8	378
-13.77	14.7	10.8	378

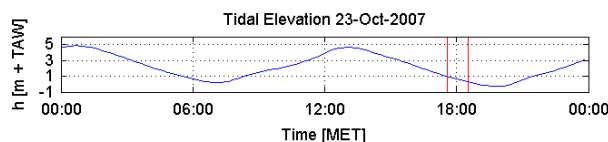
Depth Avg **13.9** **10.2** **21**



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:32
 Time after/before HT [MET]: 5:32
 Coordinates [UTM-ED50] Easting: 588797
 Coordinates [UTM-ED50] Northing: 5684344
 Water-Bottom Interface Siltpr. [m TAW]: -13.65
 Waterdepth 210 kHz Echo [m TAW]: 0.26
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.03	14.6	9.5	26
-0.14	14.7	9.5	32
-0.16	14.7	9.5	29
-0.19	14.7	9.5	34
-0.22	14.7	9.5	35
-0.28	14.7	9.5	34
-1.06	14.7	9.5	50
-1.99	14.8	9.5	33
-2.88	14.7	9.5	26
-3.81	14.7	9.6	28
-4.69	14.7	9.6	21
-5.60	14.7	9.6	18
-6.47	14.7	9.6	21
-7.38	14.7	9.6	15
-8.25	14.7	9.6	15
-9.09	14.7	9.7	17
-9.89	14.7	9.9	18
-10.61	14.7	10.0	17
-11.44	14.8	10.2	19
-12.24	14.8	10.4	10
-13.03	14.8	10.6	11
-13.63	14.8	10.8	105
-13.65	14.8	10.8	16827

Depth Avg **14.7** **9.8** **84**



Data Processed by:



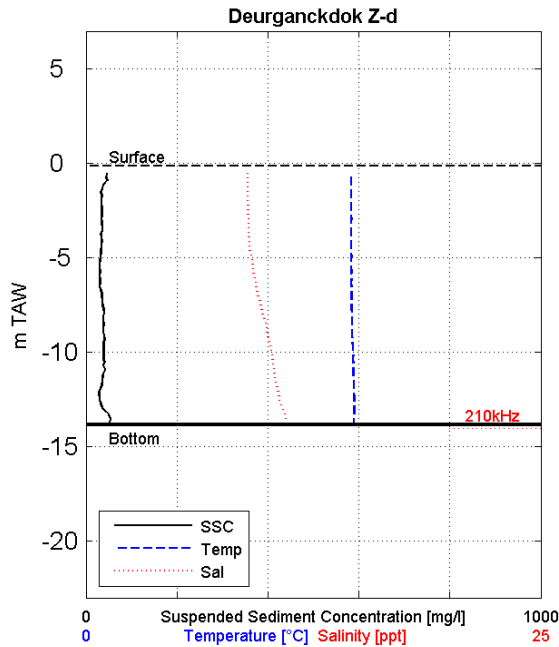
In association with:



I/RA/11283/07.086/MSA

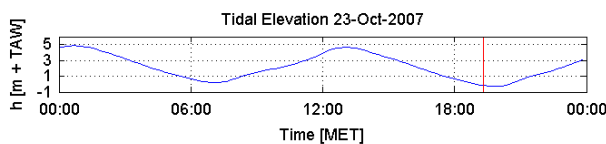
Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1167Zd_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 19:17
 Time after/before HT [MET]: 6:17
 Coordinates [UTM-ED50] Easting: 588789
 Coordinates [UTM-ED50] Northing: 5684323
 Water-Bottom Interface Siltpr. [m TAW]: -13.84
 Waterdepth 210 kHz Echo [m TAW]: -14.05
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.15

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.43	14.6	8.9	58
-0.83	14.5	8.9	43
-1.32	14.6	8.8	42
-1.96	14.6	8.9	36
-2.62	14.5	8.9	30
-3.26	14.6	8.9	46
-3.95	14.5	8.9	34
-4.63	14.5	9.0	32
-5.30	14.6	9.2	31
-6.00	14.6	9.2	32
-6.73	14.6	9.4	32
-7.54	14.6	9.6	41
-8.30	14.6	9.8	39
-9.06	14.6	10.0	42
-9.71	14.6	10.1	40
-10.34	14.6	10.2	36
-11.03	14.7	10.3	34
-11.81	14.7	10.5	35
-12.41	14.7	10.6	32
-13.02	14.7	10.8	36
-13.57	14.7	11.0	50
-13.77	14.7	11.0	48
-13.84	14.7	11.0	51
Depth Avg	14.6	9.6	36



Data Processed by:



In association with:

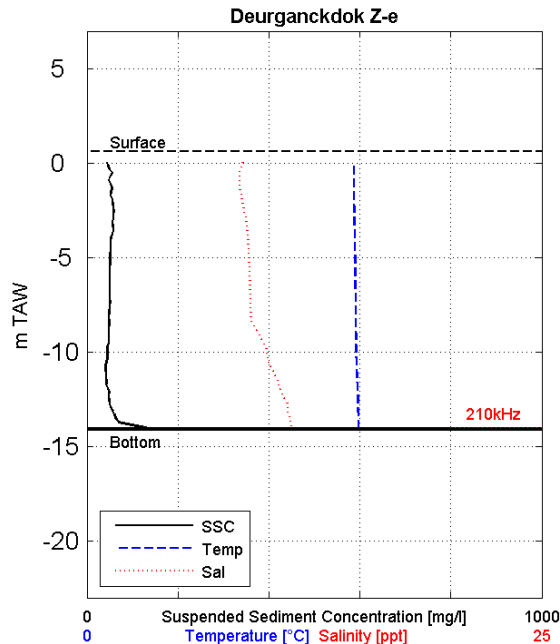


I/RA/11283/07.086/MSA

F.15 Location Ze

Through tide measurements Siltprofiler 23 October 2007

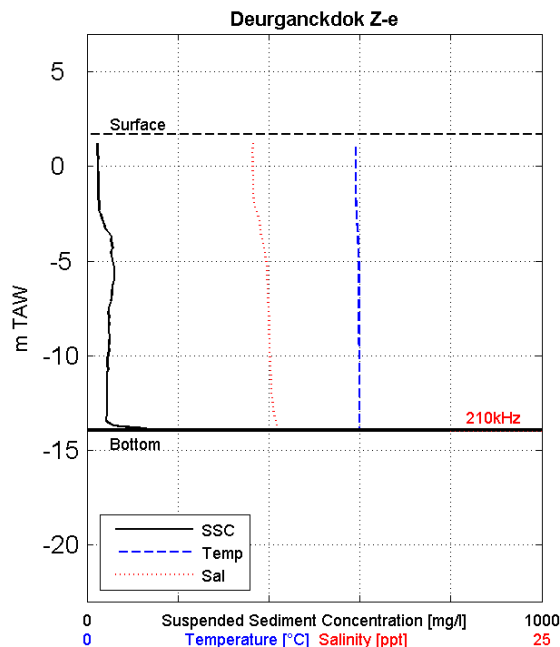
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1011Ze_ctd.sil 1026Ze_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 07:57
 Time after/before HT [MET]: -5:02
 Coordinates [UTM-ED50] Easting: 588849
 Coordinates [UTM-ED50] Northing: 5684389
 Water-Bottom Interface Siltpr. [m TAW]: -14.06
 Waterdepth 210 kHz Echo [m TAW]: -13.98
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.62

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.07	14.7	8.6	44
-0.32	14.7	8.4	50
-0.90	14.7	8.4	45
-1.56	14.7	8.4	52
-2.32	14.7	8.6	57
-3.22	14.8	8.8	56
-4.05	14.7	8.8	52
-4.85	14.7	8.9	51
-5.72	14.8	8.9	49
-6.49	14.7	8.9	49
-7.27	14.7	9.0	50
-7.95	14.7	9.0	56
-8.62	14.8	9.2	47
-9.44	14.8	9.7	47
-10.24	14.8	9.9	44
-10.98	14.8	10.2	40
-11.84	14.9	10.6	45
-12.49	14.8	10.9	54
-13.19	14.9	11.0	60
-13.87	14.9	11.2	72
-13.95	14.9	11.2	69
-13.99	14.9	11.2	103
-14.06	14.9	11.3	187

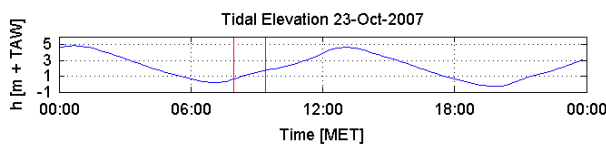
Depth Avg **14.8** **9.3** **51**



Siltprofiler
 Date & Time [MET]: 23/10/2007 09:23
 Time after/before HT [MET]: -3:36
 Coordinates [UTM-ED50] Easting: 588843
 Coordinates [UTM-ED50] Northing: 5684381
 Water-Bottom Interface Siltpr. [m TAW]: -13.96
 Waterdepth 210 kHz Echo [m TAW]: -13.98
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.72

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.34	14.7	NaN	24
1.22	14.8	9.1	25
1.18	14.8	9.1	23
1.15	14.8	9.1	22
0.52	14.8	9.1	28
-0.63	14.8	9.1	23
-1.80	14.8	9.2	25
-2.93	14.8	9.5	36
-3.92	14.9	9.6	52
-4.83	14.9	9.8	53
-5.69	15.0	9.9	57
-6.67	14.9	9.9	54
-7.86	14.9	10.0	47
-8.86	14.9	10.0	49
-9.89	14.9	10.0	47
-10.97	14.9	10.1	39
-11.99	15.0	10.1	45
-12.99	14.9	10.3	43
-13.80	14.9	10.5	51
-13.84	14.9	10.5	91
-13.88	14.9	10.5	168
-13.92	15.0	10.6	239
-13.96	14.9	10.6	85

Depth Avg **14.9** **9.7** **42**



Data Processed by:



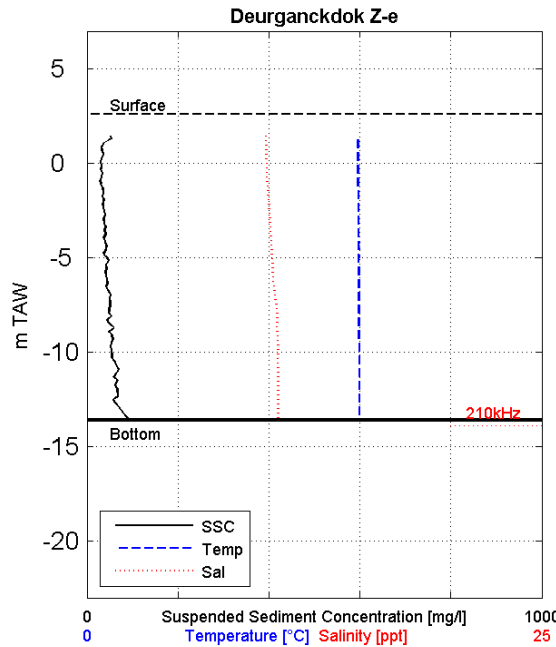
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

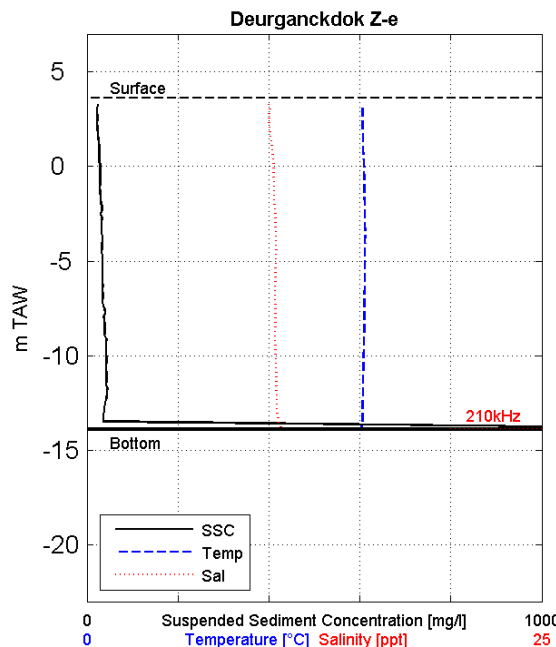
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1042Ze_ctd.sil 1057Ze_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 10:45
 Time after/before HT [MET]: -2:14
 Coordinates [UTM-ED50] Easting: 588843
 Coordinates [UTM-ED50] Northing: 5684399
 Water-Bottom Interface Siltpr. [m TAW]: -13.61
 Waterdepth 210 kHz Echo [m TAW]: -13.90
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.60

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.48	14.9	9.8	55
0.76	14.9	9.8	34
-0.02	14.9	9.8	36
-0.81	14.9	9.9	31
-1.57	14.9	9.9	35
-2.39	14.9	10.0	34
-3.25	14.9	10.1	36
-4.11	15.0	10.1	30
-4.96	14.9	10.2	36
-5.85	15.0	10.2	38
-6.59	15.0	10.3	37
-7.31	15.0	10.4	55
-8.04	15.0	10.4	52
-8.80	15.0	10.4	46
-9.61	14.9	10.5	46
-10.39	15.0	10.5	42
-11.19	14.9	10.5	58
-11.97	15.0	10.5	61
-12.64	14.9	10.5	69
-13.26	14.9	10.5	76
-13.52	14.9	10.5	99
-13.57	15.0	10.5	117
-13.61	15.0	10.5	120

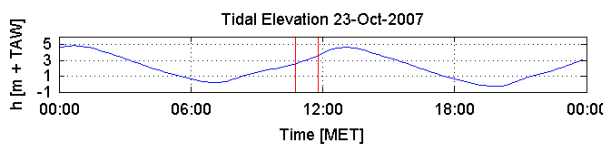
Depth Avg **14.9** **10.2** **48**



Siltprofiler
 Date & Time [MET]: 23/10/2007 11:48
 Time after/before HT [MET]: -1:11
 Coordinates [UTM-ED50] Easting: 588842
 Coordinates [UTM-ED50] Northing: 5684395
 Water-Bottom Interface Siltpr. [m TAW]: -13.92
 Waterdepth 210 kHz Echo [m TAW]: -13.87
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.35	14.9	9.8	21
3.33	15.1	9.8	24
3.31	15.2	9.8	26
3.30	15.1	10.1	22
3.28	15.2	10.1	23
3.26	15.2	10.1	23
3.23	15.2	10.1	24
2.44	15.1	10.0	22
1.00	15.2	10.2	27
-0.42	15.2	10.3	29
-1.93	15.3	10.3	31
-3.44	15.3	10.3	32
-4.89	15.2	10.4	32
-6.28	15.2	10.3	35
-7.62	15.2	10.4	40
-9.02	15.2	10.3	41
-10.31	15.2	10.4	43
-11.71	15.2	10.4	43
-13.00	15.2	10.4	36
-13.80	15.1	10.6	1008
-13.84	15.1	10.7	1008
-13.89	15.1	10.7	1667
-13.92	15.1	10.7	989

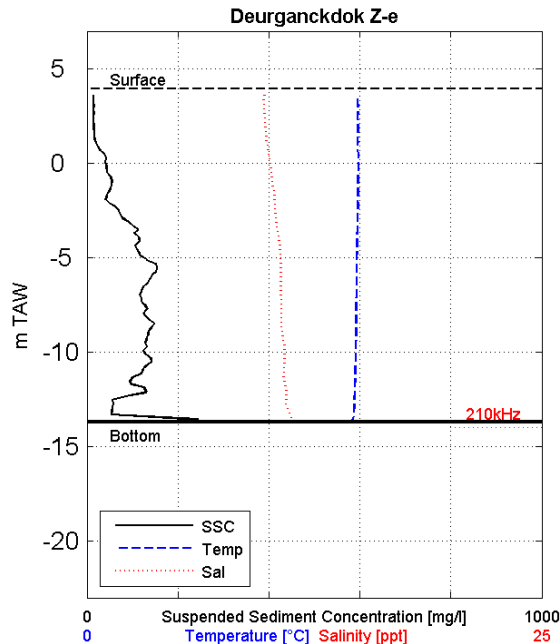
Depth Avg **15.2** **10.3** **47**



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

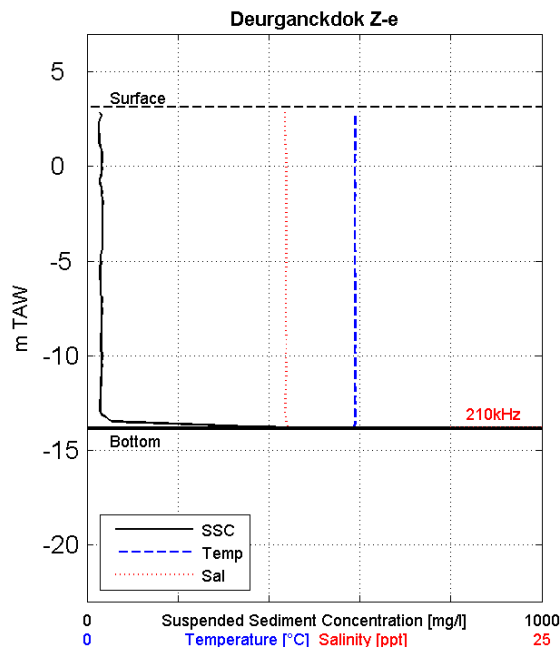
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1075Ze_ctd.sil 1090Ze_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 14:15
 Time after/before HT [MET]: 1:15
 Coordinates [UTM-ED50] Easting: 588847
 Coordinates [UTM-ED50] Northing: 5684406
 Water-Bottom Interface Siltpr. [m TAW]: -13.72
 Waterdepth 210 kHz Echo [m TAW]: -13.97
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.93

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.65	14.9	9.8	10
2.96	14.9	9.7	13
1.79	14.9	9.8	16
0.16	14.9	10.0	41
-0.94	14.9	10.2	57
-2.11	14.9	10.3	52
-3.52	14.9	10.5	118
-4.78	14.8	10.6	117
-5.88	14.8	10.6	146
-7.12	14.8	10.7	121
-8.45	14.8	10.7	142
-9.64	14.8	10.8	129
-10.71	14.7	10.8	129
-11.76	14.7	10.9	88
-12.80	14.7	11.0	51
-13.56	14.6	11.2	1282
-13.58	14.6	11.2	68
-13.60	14.6	11.2	98
-13.62	14.6	11.2	95
-13.64	14.6	11.2	86
-13.66	14.6	11.2	105
-13.69	14.6	11.2	88
-13.72	14.6	11.2	69

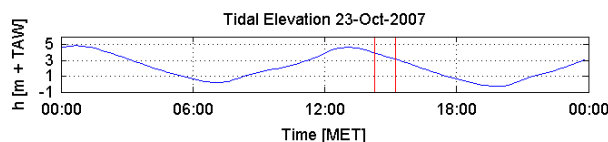
Depth Avg **14.8** **10.4** **86**



Siltprofiler
 Date & Time [MET]: 23/10/2007 15:12
 Time after/before HT [MET]: 2:12
 Coordinates [UTM-ED50] Easting: 588832
 Coordinates [UTM-ED50] Northing: 5684408
 Water-Bottom Interface Siltpr. [m TAW]: -13.84
 Waterdepth 210 kHz Echo [m TAW]: -13.77
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.13

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.85	14.7	10.9	26
2.31	14.8	10.9	29
1.94	14.8	10.9	24
1.29	14.8	10.9	28
0.99	14.7	10.9	33
0.73	14.7	10.9	32
0.47	14.7	10.9	33
-0.30	14.7	11.0	31
-1.12	14.7	10.9	32
-2.04	14.7	10.9	34
-3.04	14.7	10.9	33
-3.96	14.7	10.9	34
-5.22	14.7	10.9	28
-6.19	14.7	10.9	29
-7.28	14.7	10.9	31
-8.43	14.8	10.9	31
-9.53	14.8	10.9	32
-10.62	14.7	10.9	32
-11.65	14.8	10.9	29
-12.72	14.7	10.9	31
-13.69	14.7	11.0	38
-13.81	14.7	11.1	997
-13.84	14.7	11.1	959

Depth Avg **14.7** **10.9** **35**



Data Processed by:



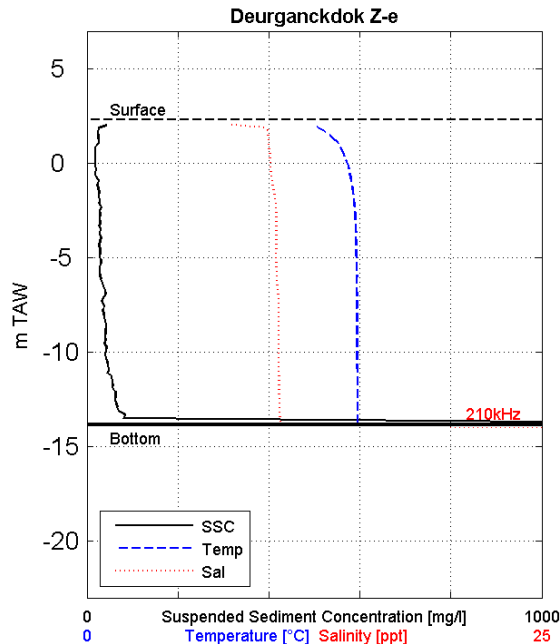
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1105Ze_ctd.sil 1120Ze_ctd.sil	Location: Deurganckdok

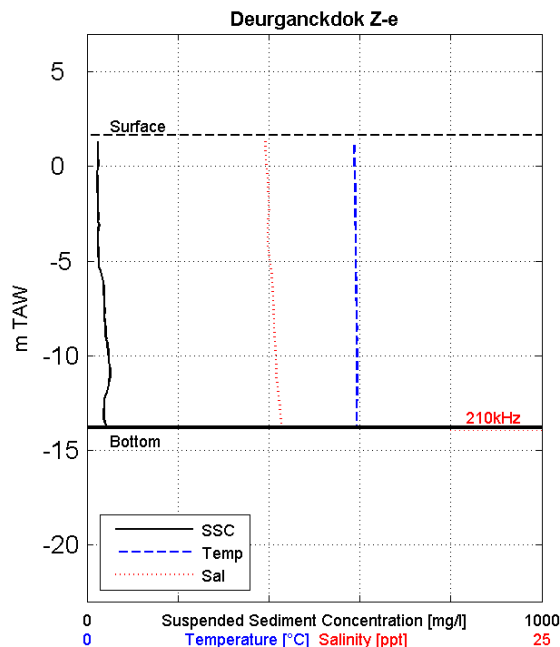


Siltprofiler

Date & Time [MET]: 23/10/2007 16:04
 Time after/before HT [MET]: 3:04
 Coordinates [UTM-ED50] Easting: 588848
 Coordinates [UTM-ED50] Northing: 5684416
 Water-Bottom Interface Siltpr. [m TAW]: -13.84
 Waterdepth 210 kHz Echo [m TAW]: -13.96
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.34

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.05	12.4	7.6	44
1.38	13.4	9.9	27
0.51	14.1	10.1	18
-0.53	14.4	10.1	20
-1.64	14.6	10.3	18
-2.72	14.7	10.4	25
-3.82	14.8	10.4	28
-4.79	14.8	10.4	27
-5.69	14.8	10.4	24
-6.66	14.8	10.5	40
-7.64	14.8	10.5	34
-8.60	14.8	10.5	42
-9.57	14.8	10.5	38
-10.45	14.9	10.5	44
-11.35	14.9	10.5	51
-12.22	14.8	10.6	68
-13.13	14.8	10.6	71
-13.66	14.9	10.6	2120
-13.69	14.8	10.6	941
-13.72	14.9	10.6	1008
-13.76	14.9	10.6	1044
-13.79	14.9	10.6	1529
-13.84	14.9	10.6	1940

Depth Avg **14.6** **10.3** **52**

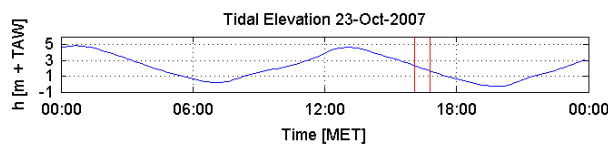


Siltprofiler

Date & Time [MET]: 23/10/2007 16:48
 Time after/before HT [MET]: 3:48
 Coordinates [UTM-ED50] Easting: 588859
 Coordinates [UTM-ED50] Northing: 5684403
 Water-Bottom Interface Siltpr. [m TAW]: -13.82
 Waterdepth 210 kHz Echo [m TAW]: -13.96
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.64

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.36	14.6	9.8	26
1.35	14.7	9.8	23
1.34	14.7	9.8	22
1.31	14.7	9.8	17
1.26	14.7	9.8	24
0.60	14.7	9.8	23
-0.28	14.7	9.9	22
-1.12	14.7	9.9	23
-2.02	14.8	10.0	24
-2.89	14.7	9.9	23
-3.86	14.7	9.9	24
-4.80	14.7	10.0	24
-5.70	14.8	10.1	31
-6.67	14.8	10.2	39
-7.55	14.8	10.2	38
-8.50	14.8	10.3	41
-9.39	14.8	10.3	47
-10.26	14.8	10.4	48
-11.14	14.8	10.4	52
-12.03	14.8	10.5	41
-12.98	14.8	10.6	36
-13.77	14.8	10.7	44
-13.82	14.8	10.7	44

Depth Avg **14.8** **10.2** **33**



Data Processed by:



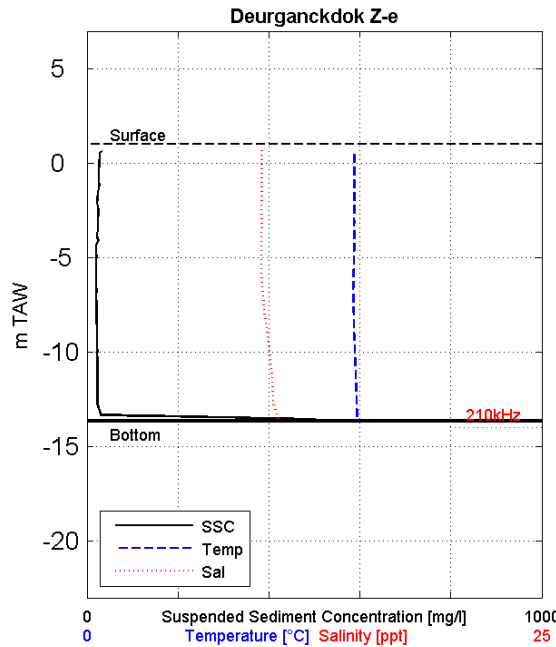
In association with:



I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

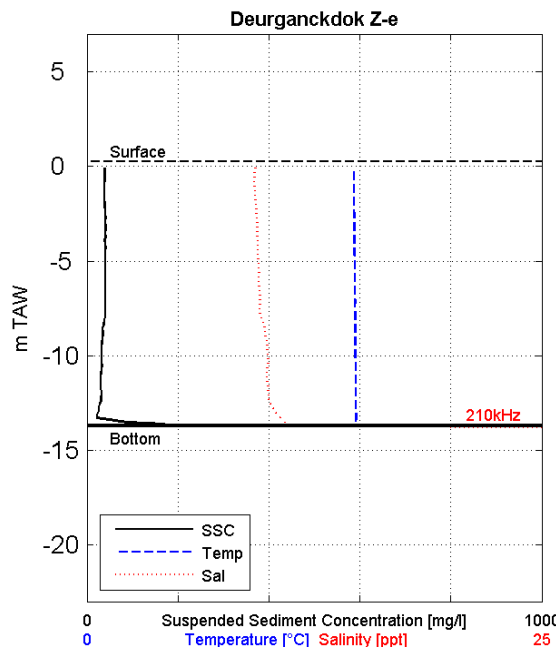
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1135Ze_ctd.sil 1151Ze_ctd.sil	Location: Deurganckdok



Siltprofiler
 Date & Time [MET]: 23/10/2007 17:31
 Time after/before HT [MET]: 4:31
 Coordinates [UTM-ED50] Easting: 588833
 Coordinates [UTM-ED50] Northing: 5684392
 Water-Bottom Interface Siltpr. [m TAW]: -13.66
 Waterdepth 210 kHz Echo [m TAW]: -13.99
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.01

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.72	14.8	9.6	27
0.59	14.7	9.6	27
0.21	14.7	9.6	26
-0.42	14.7	9.6	26
-1.26	14.6	9.6	26
-2.12	14.7	9.6	22
-3.05	14.7	9.6	18
-4.01	14.6	9.6	24
-4.87	14.7	9.6	20
-5.71	14.7	9.6	18
-6.53	14.6	9.6	19
-7.38	14.6	9.7	19
-8.30	14.7	9.8	21
-9.11	14.7	9.9	21
-9.89	14.8	10.0	20
-10.48	14.8	10.1	19
-11.17	14.8	10.2	23
-12.01	14.8	10.2	23
-12.81	14.8	10.3	23
-13.51	14.8	10.5	779
-13.56	14.8	10.5	164
-13.61	14.9	10.5	930
-13.66	14.8	10.5	174

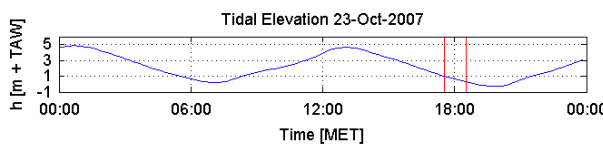
Depth Avg 14.7 9.8 28



Siltprofiler
 Date & Time [MET]: 23/10/2007 18:30
 Time after/before HT [MET]: 5:30
 Coordinates [UTM-ED50] Easting: 588844
 Coordinates [UTM-ED50] Northing: 5684415
 Water-Bottom Interface Siltpr. [m TAW]: -13.69
 Waterdepth 210 kHz Echo [m TAW]: -13.82
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.28

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.01	14.7	9.3	40
-0.40	14.7	9.2	40
-1.07	14.7	9.2	40
-1.61	14.7	9.2	37
-2.35	14.7	9.3	41
-3.06	14.7	9.3	39
-3.86	14.7	9.3	39
-4.69	14.7	9.4	40
-5.52	14.7	9.4	39
-6.33	14.7	9.4	41
-7.20	14.7	9.5	38
-8.16	14.8	9.6	41
-9.10	14.7	9.8	32
-10.01	14.7	9.9	30
-10.95	14.8	9.9	31
-11.66	14.8	9.9	30
-12.43	14.7	10.0	29
-13.23	14.8	10.6	21
-13.52	14.7	10.9	35
-13.57	14.7	10.9	119
-13.60	14.8	10.9	149
-13.65	14.7	10.9	236
-13.69	14.8	10.9	273

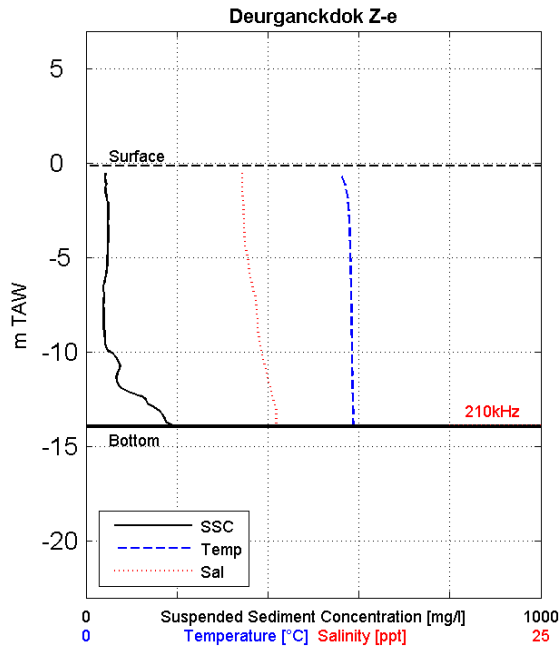
Depth Avg 14.7 9.6 37



Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

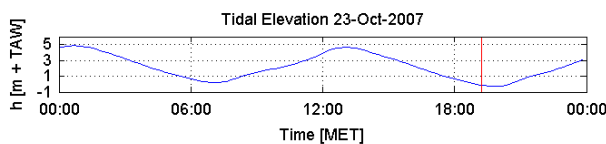
11283	Equipment(s): SiltProfiler & CTD-Diver
Sourcefile(s): 1166Ze_ctd.sil	Location: Deurganckdok



Siltprofiler

Date & Time [MET]: 23/10/2007 19:14
 Time after/before HT [MET]: 6:14
 Coordinates [UTM-ED50] Easting: 588842
 Coordinates [UTM-ED50] Northing: 5684402
 Water-Bottom Interface Siltpr. [m TAW]: -13.95
 Waterdepth 210 kHz Echo [m TAW]: -13.83
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: -0.13

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.43	13.9	8.5	41
-0.84	14.1	8.6	41
-1.28	14.3	8.6	43
-1.74	14.3	8.6	45
-2.32	14.4	8.7	48
-3.09	14.4	8.7	48
-3.85	14.5	8.7	49
-4.66	14.5	8.8	46
-5.37	14.5	8.9	47
-6.04	14.6	9.0	41
-6.64	14.6	9.2	38
-7.33	14.6	9.3	39
-7.95	14.6	9.4	39
-8.70	14.6	9.4	38
-9.45	14.6	9.5	41
-10.23	14.6	9.7	68
-10.95	14.6	9.9	71
-11.63	14.6	10.0	70
-12.20	14.6	10.2	104
-12.81	14.7	10.4	139
-13.42	14.7	10.4	173
-13.82	14.7	10.4	193
-13.95	14.7	10.5	197
Depth Avg	14.5	9.3	61



Data Processed by:



In association with:



I/RA/11283/07.086/MSA

APPENDIX G.

DEPTH AVERAGE FIGURES AND TABLES

G.1 Tables

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]
1005Xa_ctdSiltP	-5:26	7:33	14.8	9.4	36	14.7	9	34	14.8	9.8	38
1020Xa_ctdSiltP	-4:03	8:56	14.8	9.8	40	14.7	9.2	33	14.9	10.5	47
1036Xa_ctdSiltP	-2:36	10:23	14.8	9.9	27	14.8	9.4	22	14.9	10.3	32
1051Xa_ctdSiltP	-1:37	11:22	14.9	10.2	31	14.9	9.9	22	15	10.5	39
1068Xa_ctdSiltP	0:10	13:10	15.0	10.3	38	15	10.1	21	14.9	10.6	54
1084Xa_ctdSiltP	1:50	14:50	14.7	10.7	20	14.8	10.1	16	14.6	11.2	24
1099Xa_ctdSiltP	2:45	15:45	14.7	10.3	34	14.7	9.8	20	14.7	10.7	48
1114Xa_ctdSiltP	3:32	16:32	14.7	10.2	23	14.7	9.9	24	14.7	10.4	22
1129Xa_ctdSiltP	4:14	17:14	14.7	10.1	20	14.6	9.8	20	14.7	10.4	21
1145Xa_ctdSiltP	5:14	18:14	14.6	10	22	14.5	9.7	22	14.7	10.4	23
1160Xa_ctdSiltP	5:58	18:58	14.4	10	-	14.2	10	-	14.6	10	-
1175Xa_ctdSiltP	6:41	19:41	14.5	9.3	46	14.5	9.1	40	14.6	9.5	51
AVERAGE			14.7	10.0	31	14.7	9.7	25	14.8	10.4	36
1004Xb_ctdSiltP	-5:31	7:28	14.8	9.4	38	14.7	8.9	40	14.8	9.8	36
1019Xb_ctdSiltP	-4:09	8:50	14.8	10	44	14.7	9.4	38	14.9	10.6	50
1035Xb_ctdSiltP	-2:38	10:21	14.8	10	28	14.8	9.6	24	14.9	10.4	32
1050Xb_ctdSiltP	-1:43	11:16	14.9	10.2	28	14.9	9.9	23	15	10.6	33
1067Xb_ctdSiltP	0:05	13:05	15.0	10.3	31	15	10.1	19	15	10.6	44
1083Xb_ctdSiltP	1:47	14:47	14.7	10.6	33	14.8	10	20	14.6	11.3	45
1098Xb_ctdSiltP	2:42	15:42	14.7	10.5	24	14.7	10.3	21	14.7	10.8	27
1113Xb_ctdSiltP	3:30	16:30	14.7	10.3	95	14.6	10.1	21	14.7	10.5	169
1128Xb_ctdSiltP	4:12	17:12	14.7	10.1	30	14.6	9.8	15	14.8	10.4	47

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]
1144Xb_ctdSiltp	5:07	18:07	14.7	10.1	36	14.7	9.8	33	14.8	10.4	38
1159Xb_ctdSiltp	5:56	18:56	14.4	9.9	-	14.1	9.9	-	14.6	9.9	-
1174Xb_ctdSiltp	6:38	19:38	14.6	9.2	62	14.5	9.0	41	14.6	9.5	83
AVERAGE			14.7	10.1	41	14.7	9.7	26	14.8	10.4	55
1003Xc_ctdSiltp	-5:34	7:25	14.7	8.9	61	14.7	8.8	40	14.8	9.1	82
1018Xc_ctdSiltp	-4:17	8:42	14.8	9.8	43	14.7	9.0	37	14.9	10.5	48
1034Xc_ctdSiltp	-2:41	10:18	14.9	10.2	35	14.8	9.7	34	14.9	10.6	35
1049Xc_ctdSiltp	-1:46	11:13	14.9	10.3	25	14.9	10.0	22	15	10.5	29
1066Xc_ctdSiltp	0:01	13:01	14.9	10.5	45	15	10.2	23	14.8	10.8	68
1082Xc_ctdSiltp	1:45	14:45	14.7	10.9	38	14.8	10.3	30	14.6	11.4	46
1097Xc_ctdSiltp	2:39	15:39	14.7	10.5	24	14.8	10.2	21	14.7	10.8	28
1112Xc_ctdSiltp	3:26	16:26	14.6	10.2	24	14.4	9.9	22	14.7	10.5	25
1127Xc_ctdSiltp	4:10	17:10	14.7	10.1	22	14.5	9.8	20	14.8	10.3	24
1143Xc_ctdSiltp	5:05	18:05	14.8	10	35	14.8	9.8	38	14.8	10.2	33
1158Xc_ctdSiltp	5:54	18:54	14.3	9.8	55	14	9.5	47	14.6	10	63
1173Xc_ctdSiltp	6:35	19:35	14.5	8.9	54	14.5	8.8	45	14.6	9.1	63
AVERAGE			14.7	10.0	38	14.7	9.7	32	14.8	10.3	4
1002Xd_ctdSiltp	-5:38	7:21	14.7	8.8	62	14.6	8.6	42	14.8	9	81
1017Xd_ctdSiltp	-4:22	8:37	14.8	9.8	57	14.7	9.2	41	14.9	10.4	73
1033Xd_ctdSiltp	-2:44	10:15	14.9	10	91	14.9	9.8	64	14.9	10.3	118
1048Xd_ctdSiltp	-1:51	11:08	14.9	10.1	43	14.9	9.9	22	15	10.3	64
1063Xd_ctdSiltp	-0:13	12:46	14.9	10.4	39	14.9	10.2	27	14.8	10.7	52
1081Xd_ctdSiltp	1:42	14:42	14.6	11	44	14.8	10.5	41	14.5	11.4	48
1096Xd_ctdSiltp	2:32	15:32	14.8	10.5	34	14.8	10.4	27	14.7	10.6	41
1111Xd_ctdSiltp	3:23	16:23	14.7	10.1	26	14.7	9.8	21	14.8	10.4	31

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]
1126Xd_ctdSiltP	4:07	17:07	14.7	10	26	14.7	9.8	26	14.7	10.2	25
1142Xd_ctdSiltP	5:02	18:02	14.8	9.8	46	14.8	9.7	43	14.8	9.9	49
1157Xd_ctdSiltP	5:52	18:52	14.7	9.6	43	14.6	9.4	46	14.7	9.8	39
1172Xd_ctdSiltP	6:33	19:33	14.5	8.9	55	14.4	8.8	63	14.6	9.1	47
AVERAGE			14.8	9.9	47	14.7	9.7	39	14.8	10.2	56
1001Xe_ctdSiltP	-5:44	7:15	14.8	8.9	53	14.7	8.8	52	14.8	9.1	54
1016Xe_ctdSiltP	-4:29	8:30	14.7	9.2	127	14.6	8.8	34	14.8	9.7	221
1032Xe_ctdSiltP	-2:47	10:12	14.9	10.2	74	14.9	10	65	15	10.4	83
1047Xe_ctdSiltP	-1:55	11:04	15.3	10.2	37	15.3	10.1	28	15.2	10.2	46
1062Xe_ctdSiltP	-0:25	12:34	14.8	10.7	47	14.9	10.4	39	14.7	11	56
1064Xe_ctdSiltP	-0:07	12:52	14.8	10.6	39	14.9	10.3	28	14.8	10.9	50
1080Xe_ctdSiltP	1:39	14:39	14.6	11	44	14.8	10.6	38	14.5	11.4	49
1095Xe_ctdSiltP	2:29	15:29	14.8	10.4	38	14.8	10.2	34	14.8	10.5	42
1110Xe_ctdSiltP	3:21	16:21	14.7	10.1	29	14.7	9.9	22	14.8	10.3	36
1125Xe_ctdSiltP	4:02	17:02	14.7	10.1	29	14.7	10	22	14.8	10.3	37
1141Xe_ctdSiltP	4:58	17:58	14.8	9.7	44	14.8	9.6	45	14.8	9.8	43
1156Xe_ctdSiltP	5:49	18:49	14.7	9.3	47	14.6	9.1	51	14.7	9.6	42
1171Xe_ctdSiltP	6:31	19:31	14.5	8.8	57	14.5	8.6	54	14.6	9	59
AVERAGE			14.8	9.9	51	14.8	9.7	39	14.8	10.2	63
1006Ya_ctdSiltP	-5:20	7:39	14.8	9.7	47	14.7	9	34	14.8	10.4	60
1021Ya_ctdSiltP	-3:58	9:01	14.8	9.8	37	14.7	9.1	30	14.9	10.6	43
1037Ya_ctdSiltP	-2:32	10:27	14.9	10.1	34	14.9	9.7	33	15	10.5	35
1052Ya_ctdSiltP	-1:32	11:27	14.9	10.3	72	14.9	10	29	15	10.6	115
1069Ya_ctdSiltP	0:16	13:16	14.8	10.3	39	14.9	9.9	18	14.8	10.7	60
1085Ya_ctdSiltP	1:54	14:54	14.8	10.2	24	14.8	9.8	18	14.8	10.6	29

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]
1100Ya_ctdSiltP	2:48	15:48	14.7	10	24	14.7	9.6	22	14.8	10.5	25
1115Ya_ctdSiltP	3:34	16:34	14.7	10.1	24	14.7	9.7	23	14.8	10.4	25
1130Ya_ctdSiltP	4:16	17:16	14.7	10.2	21	14.6	9.8	21	14.7	10.5	20
1146Ya_ctdSiltP	5:17	18:17	14.6	10	18	14.5	9.7	18	14.7	10.3	19
1161Ya_ctdSiltP	6:01	19:01	14.7	10.5	44	14.7	10.3	55	14.7	10.8	33
1176Ya_ctdSiltP	6:43	19:43	14.6	9.8	306	14.5	9.1	42	14.7	10.4	577
AVERAGE			14.8	10.1	58	14.7	9.6	29	14.8	10.5	87
1007Yb_ctdSiltP	-5:18	7:41	14.7	9.2	42	14.6	8.6	36	14.8	9.9	47
1022Yb_ctdSiltP	-3:54	9:05	14.8	9.6	36	14.7	9.1	27	14.9	10.2	46
1038Yb_ctdSiltP	-2:28	10:31	14.9	10.2	33	14.8	9.7	31	15	10.7	36
1053Yb_ctdSiltP	-1:29	11:30	14.9	10.1	29	14.9	9.8	23	14.9	10.3	35
1070Yb_ctdSiltP	0:18	13:18	14.8	10.5	42	14.9	10.1	25	14.8	10.9	59
1086Yb_ctdSiltP	1:57	14:57	14.8	10.3	27	14.8	9.9	22	14.7	10.8	32
1101Yb_ctdSiltP	2:51	15:51	14.7	10.2	30	14.7	9.8	24	14.7	10.6	36
1116Yb_ctdSiltP	3:39	16:39	14.8	10.2	251	14.8	10	24	14.8	10.4	482
1131Yb_ctdSiltP	4:19	17:19	14.7	10.2	23	14.6	9.8	21	14.7	10.5	24
1147Yb_ctdSiltP	5:19	18:19	14.6	10.1	21	14.5	9.8	20	14.7	10.4	22
1162Yb_ctdSiltP	6:04	19:04	14.7	10.1	71	14.6	9.9	54	14.7	10.3	89
AVERAGE			14.8	10.1	55	14.7	9.7	28	14.8	10.5	83
1008Yc_ctdSiltP	-5:14	7:45	14.7	9.2	42	14.7	8.7	40	14.8	9.7	44
1023Yc_ctdSiltP	-3:48	9:11	14.9	9.8	45	14.9	9.6	46	14.9	10.1	43
1039Yc_ctdSiltP	-2:25	10:34	14.9	10.0	39	14.8	9.6	28	14.9	10.4	49
1054Yc_ctdSiltP	-1:25	11:34	14.9	10.2	29	14.8	9.9	24	15	10.5	34
1071Yc_ctdSiltP	0:37	13:37	14.8	10.6	38	14.9	10.1	21	14.7	11.2	55
1087Yc_ctdSiltP	2:00	15:00	14.8	10.3	25	14.8	10.1	24	14.8	10.5	27

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]
1102Yc_ctdSiltp	2:56	15:56	14.8	10.3	24	14.8	10.1	22	14.8	10.5	25
1117Yc_ctdSiltp	3:41	16:41	14.8	10.0	25	14.7	9.8	24	14.8	10.3	25
1132Yc_ctdSiltp	4:22	17:22	14.7	10.1	24	14.6	9.8	20	14.8	10.4	27
1148Yc_ctdSiltp	5:21	18:21	14.6	10.1	22	14.4	9.7	21	14.7	10.4	22
1163Yc_ctdSiltp	6:06	19:06	14.6	9.8	114	14.6	9.6	70	14.7	9.9	157
AVERAGE			14.8	10.0	39	14.7	9.7	31	14.8	10.4	46
1009Yd_ctdSiltp	-5:10	7:49	14.7	9.1	48	14.6	8.5	45	14.8	9.7	51
1024Yd_ctdSiltp	-3:45	9:14	14.9	9.8	101	14.9	9.5	44	14.9	10.1	158
1040Yd_ctdSiltp	-2:22	10:37	14.8	10.0	55	14.8	9.6	31	14.9	10.4	79
1055Yd_ctdSiltp	-1:22	11:37	15.0	10.3	30	15.0	10.1	26	15.1	10.5	34
1072Yd_ctdSiltp	0:45	13:45	14.7	10.9	45	14.8	10.7	30	14.7	11.2	59
1088Yd_ctdSiltp	2:04	15:04	14.8	10.4	45	14.8	10.1	18	14.7	10.7	72
1103Yd_ctdSiltp	2:59	15:59	14.7	10.1	24	14.7	9.8	25	14.8	10.5	24
1118Yd_ctdSiltp	3:43	16:43	14.7	10.0	26	14.6	9.7	21	14.8	10.2	31
1133Yd_ctdSiltp	4:24	17:24	14.7	10.1	31	14.6	9.8	29	14.8	10.3	33
1149Yd_ctdSiltp	5:23	18:23	14.7	9.9	25	14.7	9.6	31	14.8	10.2	19
1164Yd_ctdSiltp	6:09	19:09	14.3	9.5	72	14.0	9.2	35	14.6	9.9	110
AVERAGE			14.7	10.0	46	14.7	9.7	31	14.8	10.3	61
1010Ye_ctdSiltp	-5:07	7:52	14.7	9.0	52	14.7	8.6	50	14.8	9.3	53
1025Ye_ctdSiltp	-3:41	9:18	14.9	9.7	52	14.8	9.4	40	14.9	10.1	63
1041Ye_ctdSiltp	-2:19	10:40	14.9	10.2	54	14.8	9.9	40	15.0	10.5	69
1056Ye_ctdSiltp	-1:19	11:40	15.2	10.3	34	15.3	10.3	32	15.2	10.4	37
1065Ye_ctdSiltp	-0:03	12:56	14.8	10.5	37	14.9	10.1	24	14.8	10.8	50
1074Ye_ctdSiltp	1:11	14:11	14.7	11.0	45	14.7	10.8	45	14.6	11.2	45
1089Ye_ctdSiltp	2:07	15:07	14.7	10.9	23	14.7	10.8	22	14.7	11	24

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]
1104Ye_ctdSiltp	3:02	16:02	14.8	10.3	36	14.8	10.2	30	14.8	10.5	41
1119Ye_ctdSiltp	3:45	16:45	14.6	10.0	30	14.5	9.8	25	14.8	10.1	36
1134Ye_ctdSiltp	4:28	17:28	14.8	10.1	28	14.7	9.9	30	14.8	10.2	27
1150Ye_ctdSiltp	5:27	18:27	14.8	9.7	37	14.7	9.5	41	14.8	9.9	33
1165Ye_ctdSiltp	6:11	19:11	14.6	9.3	69	14.6	8.9	52	14.6	9.6	87
AVERAGE			14.8	10.1	41	14.8	9.9	36	14.8	10.3	47
1014Za_ctdSiltp	-4:42	8:17	14.8	9.7	28	14.6	9.0	27	14.9	10.5	30
1030Za_ctdSiltp	-3:09	9:50	14.9	9.8	36	14.9	9.5	38	14.9	10.0	33
1046Za_ctdSiltp	-2:01	10:58	15.0	10.3	56	15.0	10.1	47	15.0	10.5	64
1061Za_ctdSiltp	-0:32	12:27	15.1	10.2	30	15.1	10	20	15.2	10.3	40
1079Za_ctdSiltp	1:31	14:31	14.8	10.5	25	14.9	10.3	19	14.8	10.8	31
1094Za_ctdSiltp	2:23	15:23	14.8	10.2	23	14.8	9.9	21	14.8	10.6	25
1109Za_ctdSiltp	3:15	16:15	14.8	10.3	26	14.7	10	29	14.8	10.7	24
1124Za_ctdSiltp	3:56	16:56	14.7	10.2	21	14.6	9.8	24	14.8	10.5	18
1139Za_ctdSiltp	4:43	17:43	14.7	10.1	20	14.6	9.8	20	14.8	10.5	21
1155Za_ctdSiltp	5:38	18:38	14.5	10.2	18	14.4	9.9	17	14.7	10.6	20
1170Za_ctdSiltp	6:24	19:24	14.6	10.2	23	14.5	9.9	24	14.7	10.5	22
AVERAGE			14.8	10.2	28	14.7	9.8	26	14.9	10.5	30
1015Zb_ctdSiltp	-4:39	8:20	14.7	9.5	40	14.6	8.6	36	14.9	10.4	44
1029Zb_ctdSiltp	-3:15	9:44	14.9	9.8	53	14.9	9.6	43	14.9	10.1	63
1045Zb_ctdSiltp	-2:06	10:53	15.0	10.4	77	15.0	10.3	62	15.0	10.4	91
1060Zb_ctdSiltp	-0:38	12:21	15.1	10.2	55	15.1	10.1	23	15.1	10.4	86
1078Zb_ctdSiltp	1:25	14:25	14.8	10.4	25	14.9	10.1	17	14.8	10.7	33
1093Zb_ctdSiltp	2:20	15:20	14.8	10.3	23	14.8	10	22	14.8	10.5	24
1108Zb_ctdSiltp	3:13	16:13	14.7	10.3	18	14.7	9.9	19	14.8	10.6	17

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]
1123Zb_ctdSiltp	3:54	16:54	14.7	10.2	26	14.7	9.9	25	14.8	10.6	28
1138Zb_ctdSiltp	4:39	17:39	14.7	10.3	39	14.6	10.0	20	14.8	10.7	58
1154Zb_ctdSiltp	5:36	18:36	14.6	10.1	17	14.5	9.7	17	14.7	10.5	18
1169Zb_ctdSiltp	6:22	19:22	14.6	10.3	37	14.5	9.9	19	14.7	10.7	55
AVERAGE			14.8	10.2	37	14.8	9.8	28	14.8	10.5	47
1013Zc_ctdSiltp	-4:49	8:10	14.7	9.2	39	14.6	8.5	38	14.8	10.0	41
1028Zc_ctdSiltp	-3:22	9:37	14.9	9.8	45	14.9	9.7	45	14.9	9.8	45
1044Zc_ctdSiltp	-2:09	10:50	15.0	10.2	67	14.9	10.1	48	15.0	10.4	86
1059Zc_ctdSiltp	-0:48	12:11	15.1	10.2	27	15	9.9	21	15.1	10.4	34
1077Zc_ctdSiltp	1:21	14:21	14.8	10.5	28	14.9	10.0	18	14.7	11.0	38
1092Zc_ctdSiltp	2:17	15:17	14.8	10.1	36	14.8	9.8	18	14.8	10.5	54
1107Zc_ctdSiltp	3:11	16:11	14.7	10.2	17	14.7	9.8	18	14.8	10.5	16
1122Zc_ctdSiltp	3:52	16:52	14.7	10.1	24	14.7	9.8	22	14.8	10.4	27
1137Zc_ctdSiltp	4:37	17:37	14.7	10.1	20	14.6	9.7	19	14.8	10.4	21
1153Zc_ctdSiltp	5:34	18:34	14.6	10.0	19	14.5	9.7	17	14.7	10.4	21
1168Zc_ctdSiltp	6:20	19:20	14.6	9.8	38	14.5	9.3	36	14.6	10.3	39
AVERAGE			14.8	10.0	33	14.7	9.7	27	14.8	10.4	38
1012Zd_ctdSiltp	-4:55	8:04	14.8	9.5	46	14.7	8.7	46	14.9	10.4	47
1027Zd_ctdSiltp	-3:32	9:27	14.9	9.7	40	14.9	9.4	36	14.9	10.1	44
1043Zd_ctdSiltp	-2:11	10:48	14.9	10.1	60	14.9	9.9	40	14.9	10.3	80
1058Zd_ctdSiltp	-0:56	12:03	15.1	10.2	28	15.0	9.9	22	15.1	10.4	34
1076Zd_ctdSiltp	1:18	14:18	14.8	10.7	39	14.9	10.3	27	14.7	11.1	50
1091Zd_ctdSiltp	2:15	15:15	14.7	10.2	24	14.7	9.8	17	14.7	10.6	32
1106Zd_ctdSiltp	3:08	16:08	14.8	10.3	22	14.7	10.0	23	14.8	10.6	22
1121Zd_ctdSiltp	3:50	16:50	14.8	10.1	21	14.8	9.9	22	14.8	10.3	21

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]
1136Zd_ctdSiltp	4:35	17:35	13.9	10.2	21	13.3	9.9	20	14.6	10.4	22
1152Zd_ctdSiltp	5:32	18:32	14.7	9.8	84	14.7	9.5	29	14.7	10	139
1167Zd_ctdSiltp	6:17	19:17	14.6	9.6	36	14.6	9.0	34	14.7	10.2	38
AVERAGE			14.7	10.0	38.3	14.7	9.7	28.7	14.8	10.4	48
1011Ze_ctdSiltp	-5:02	7:57	14.8	9.3	51	14.7	8.7	52	14.8	10.0	50
1026Ze_ctdSiltp	-3:36	9:23	14.9	9.7	42	14.8	9.4	36	14.9	10.1	48
1042Ze_ctdSiltp	-2:14	10:45	14.9	10.2	48	14.9	10.0	39	15.0	10.4	57
1057Ze_ctdSiltp	-1:11	11:48	15.2	10.3	47	15.2	10.2	28	15.2	10.4	65
1075Ze_ctdSiltp	1:15	14:15	14.8	10.4	86	14.9	10.1	50	14.8	10.8	122
1090Ze_ctdSiltp	2:12	15:12	14.7	10.9	35	14.7	10.9	31	14.7	10.9	40
1105Ze_ctdSiltp	3:04	16:04	14.6	10.3	52	14.3	10.1	26	14.8	10.5	78
1120Ze_ctdSiltp	3:48	16:48	14.8	10.2	33	14.7	9.9	24	14.8	10.4	42
1135Ze_ctdSiltp	4:31	17:31	14.7	9.8	28	14.7	9.6	23	14.7	10.0	33
1151Ze_ctdSiltp	5:30	18:30	14.7	9.6	37	14.7	9.3	39	14.7	9.9	34
1166Ze_ctdSiltp	6:14	19:14	14.5	9.3	61	14.4	8.8	45	14.6	9.8	78
AVERAGE			14.8	10.0	47	14.7	9.7	36	14.8	10.3	59

G.2 Figures

Through tide measurements Siltprofiler 23 October 2007

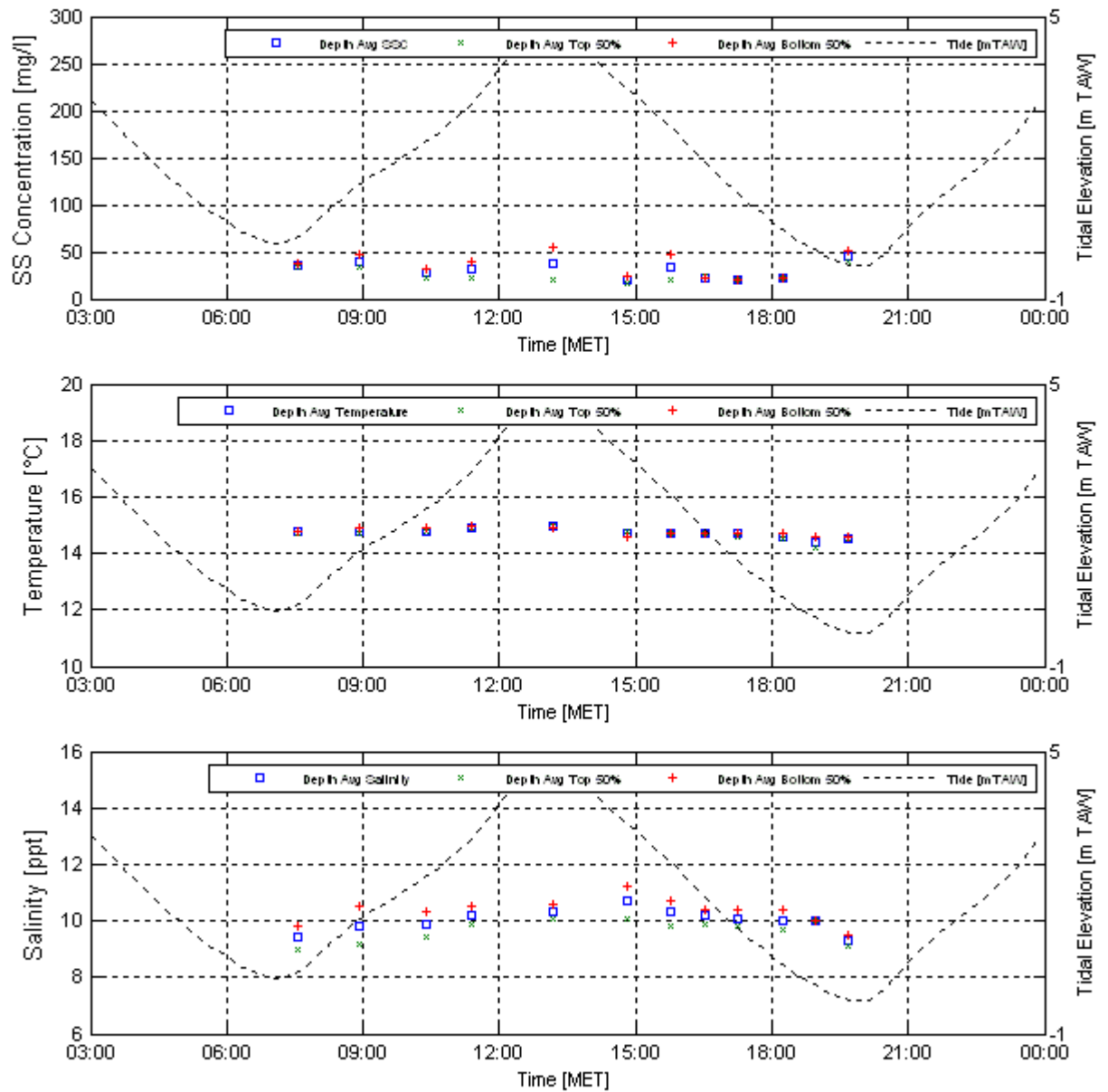
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xa



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



MRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

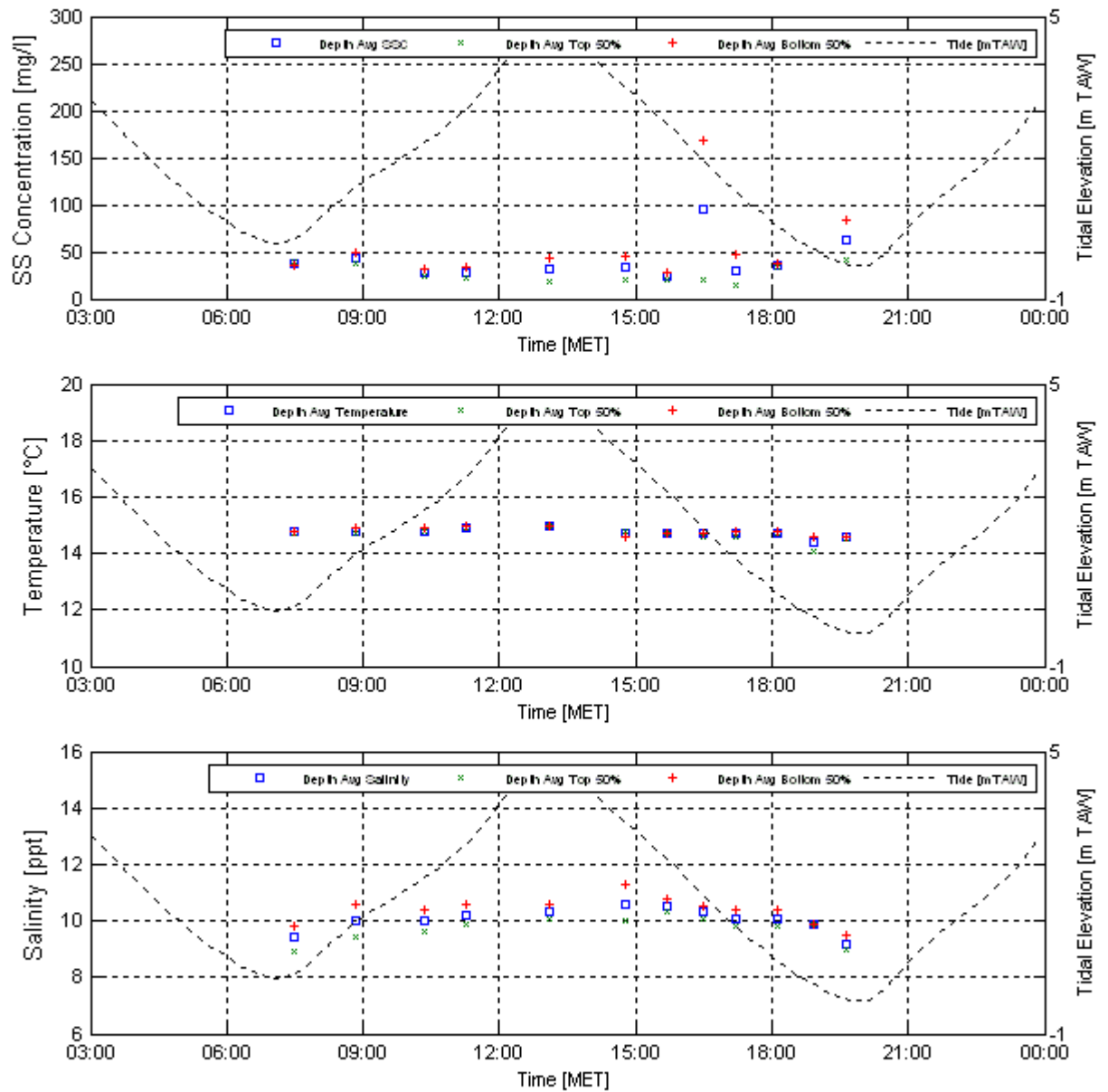
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xb



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

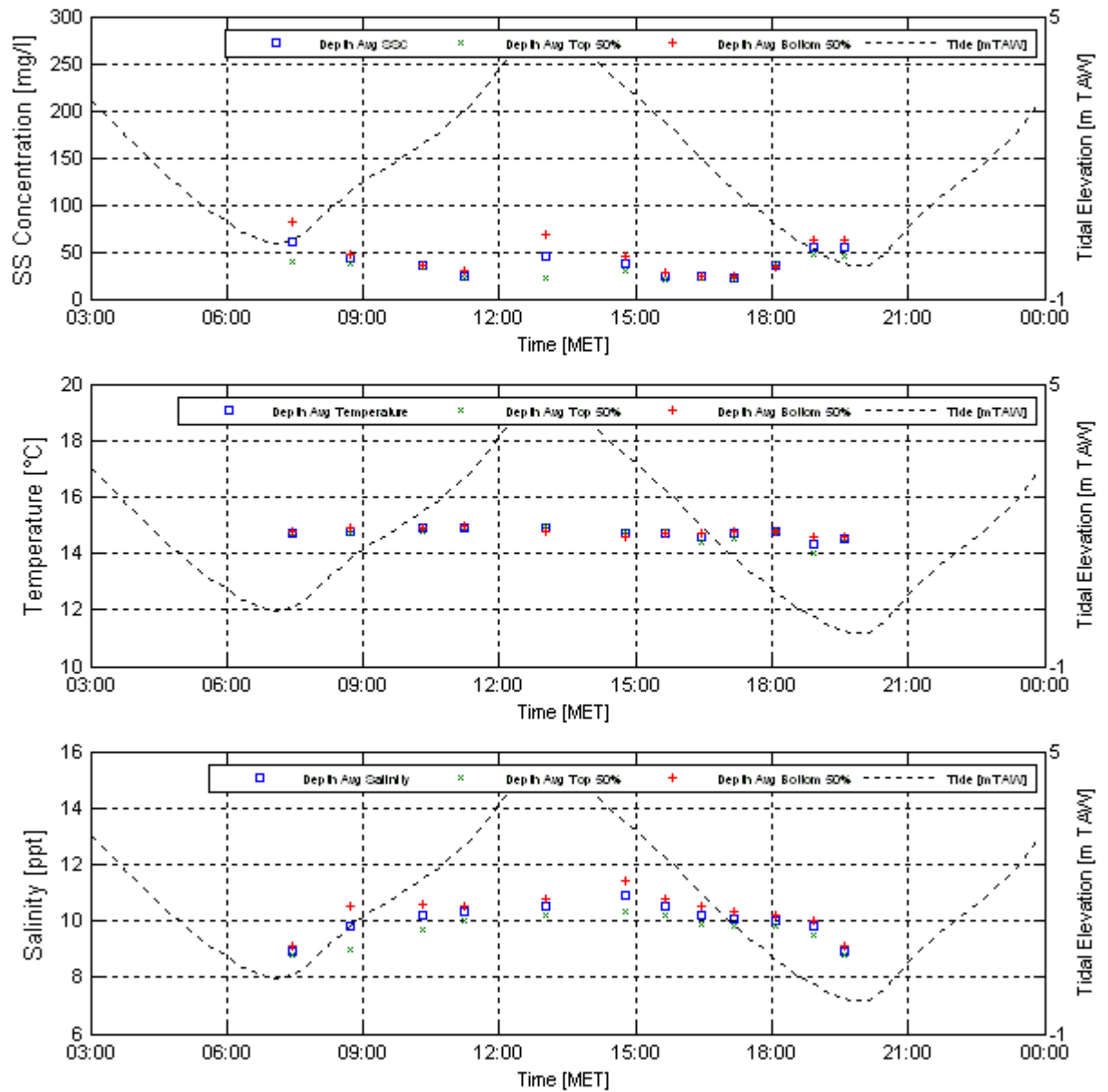
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xc



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

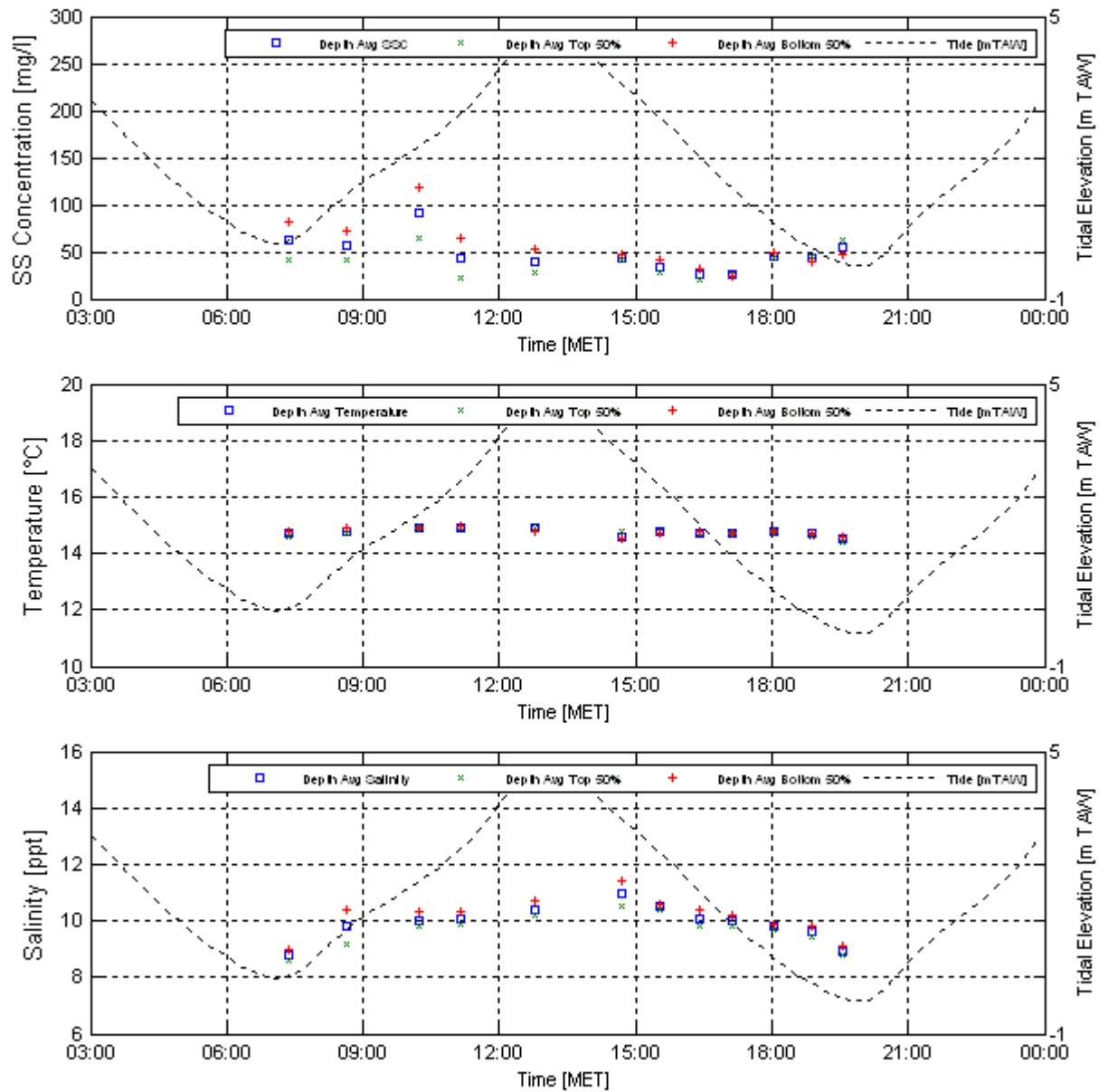
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xd



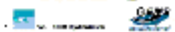
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23-Oct-2007

Data Processed by:



In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

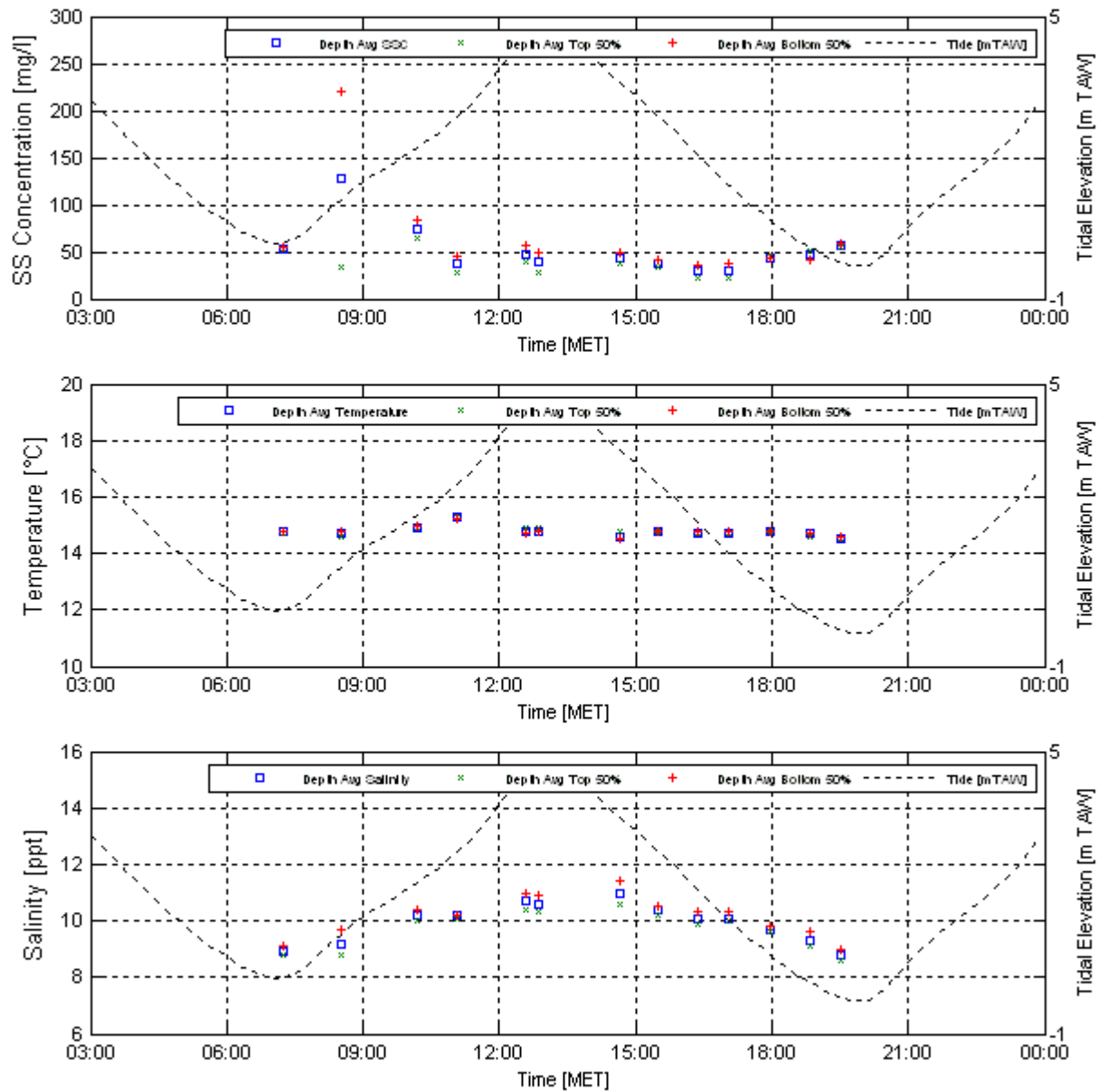
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xe



Date :

23-Oct-2007

Data Processed by:



In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

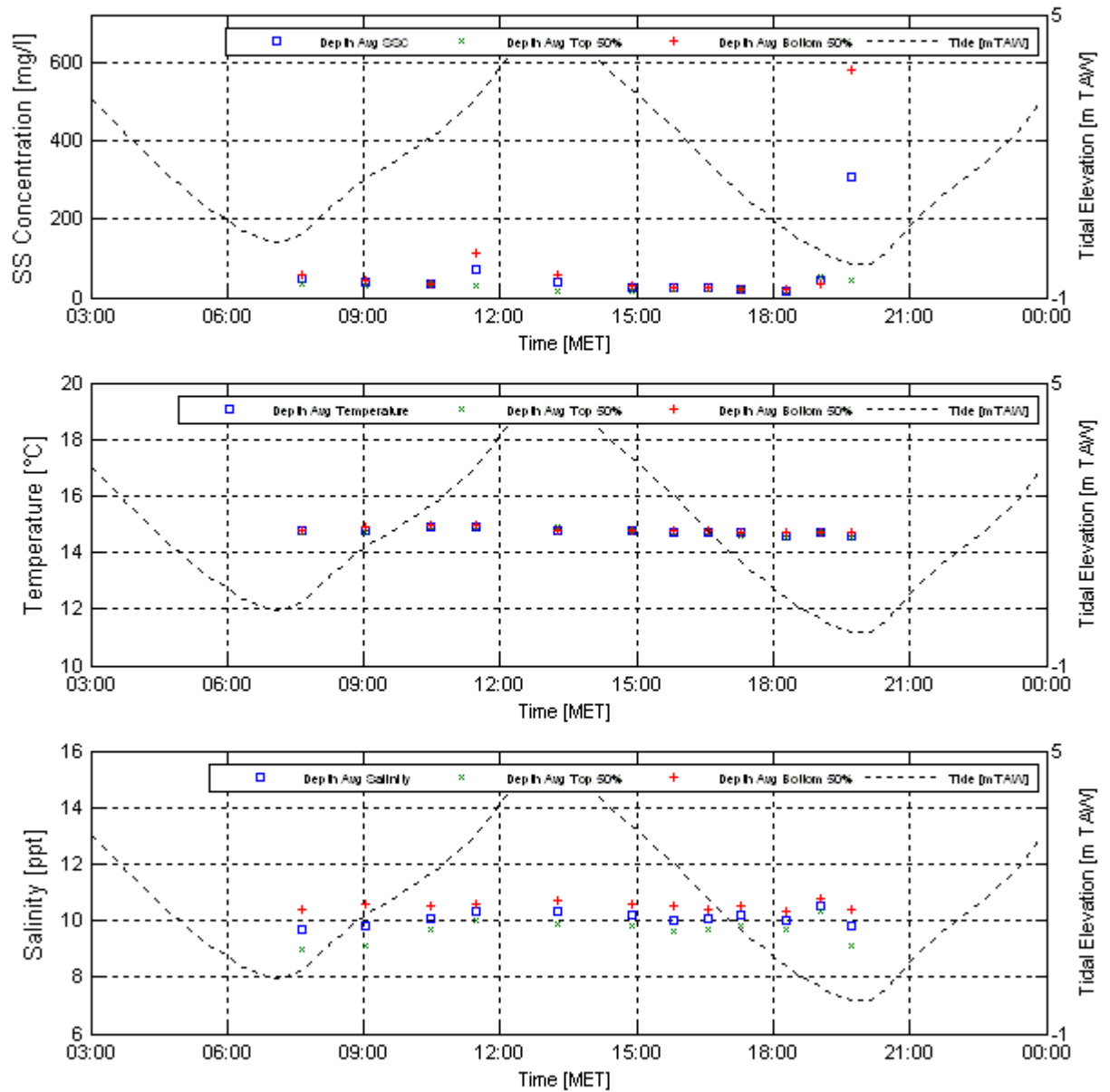
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Ya



Date :

23-Oct-2007

Data Processed by:



In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

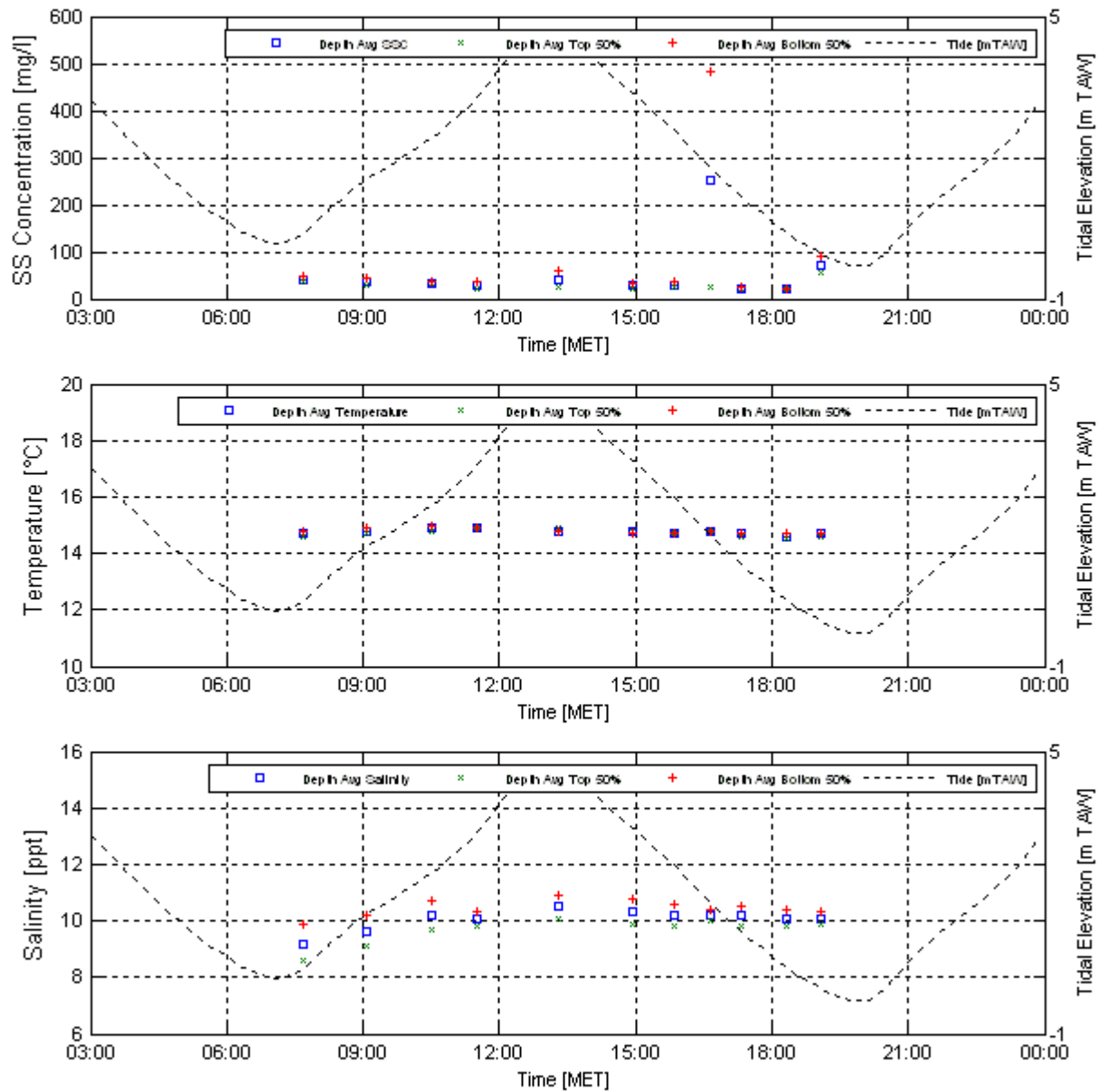
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Yb



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

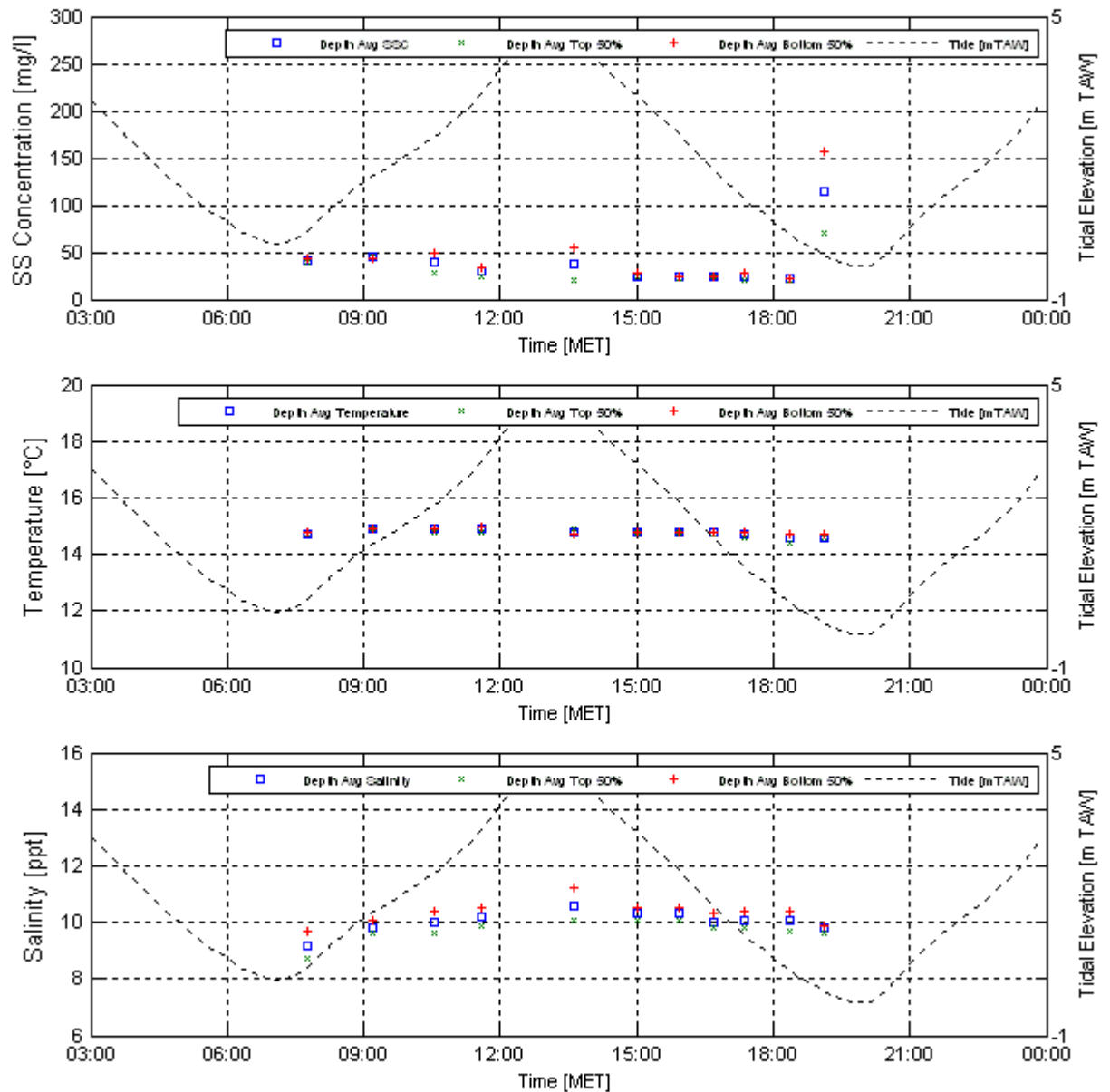
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Yc



Date :

23-Oct-2007

Data Processed by:



In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

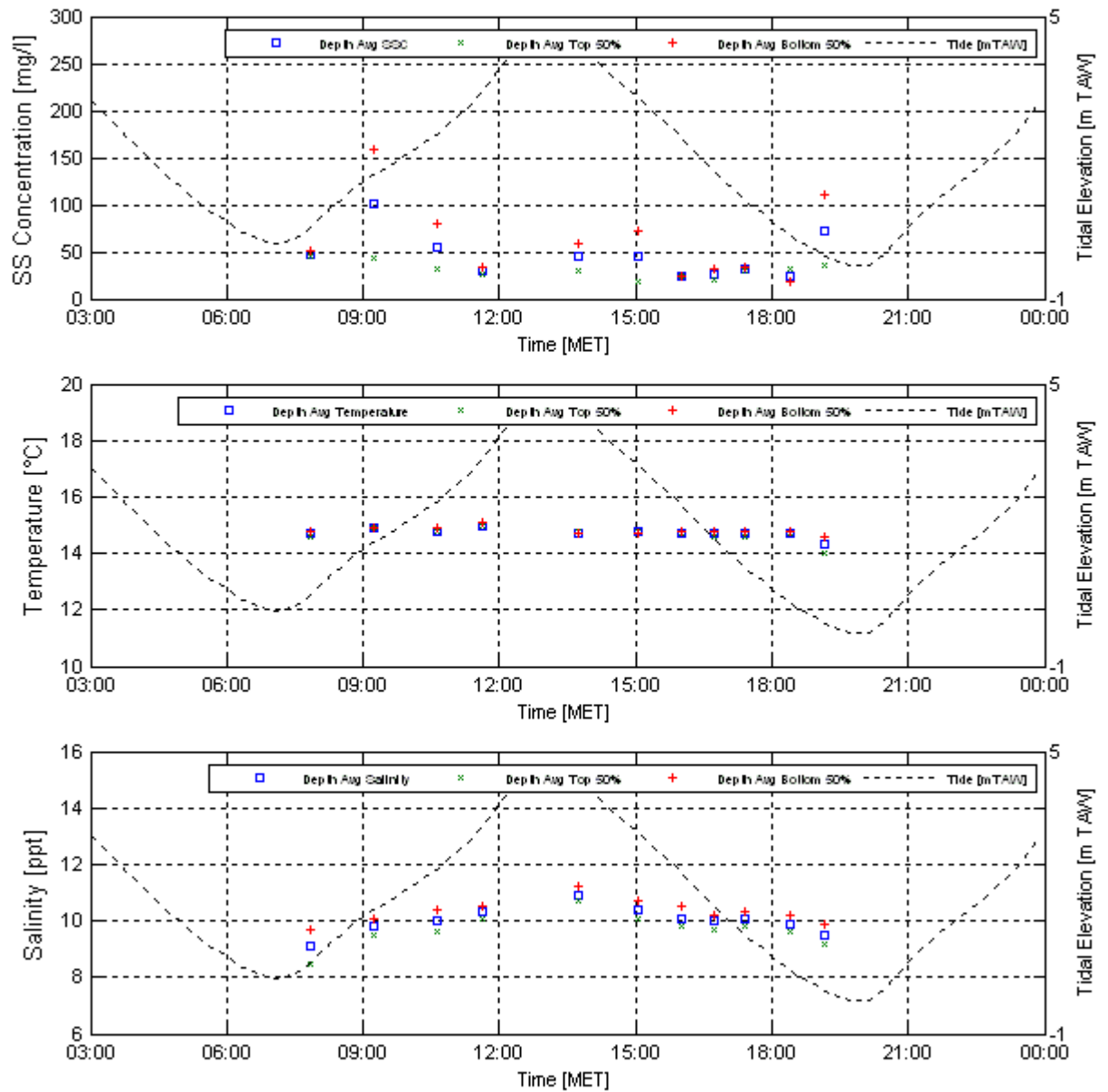
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Yd



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

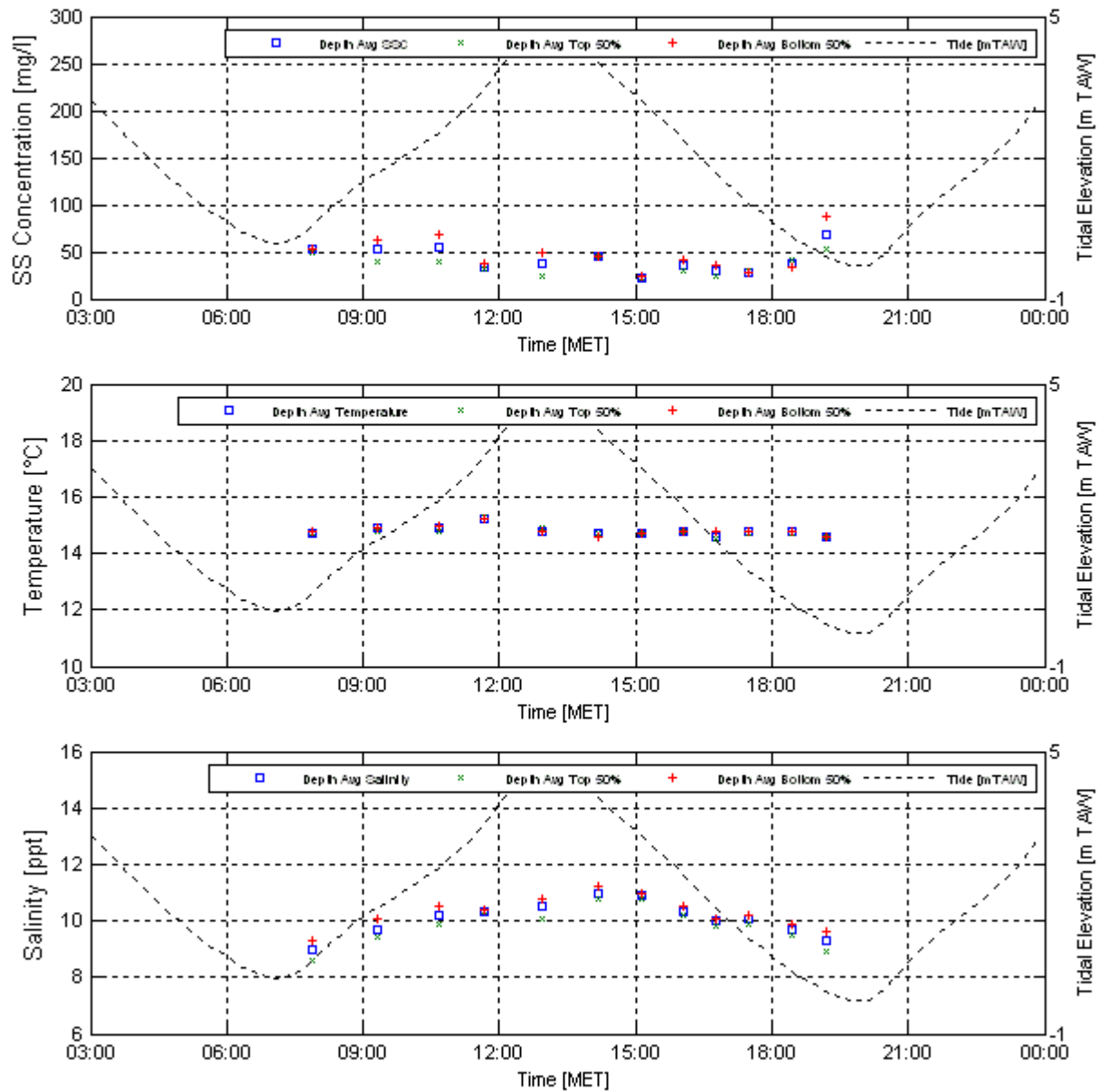
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Ye



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

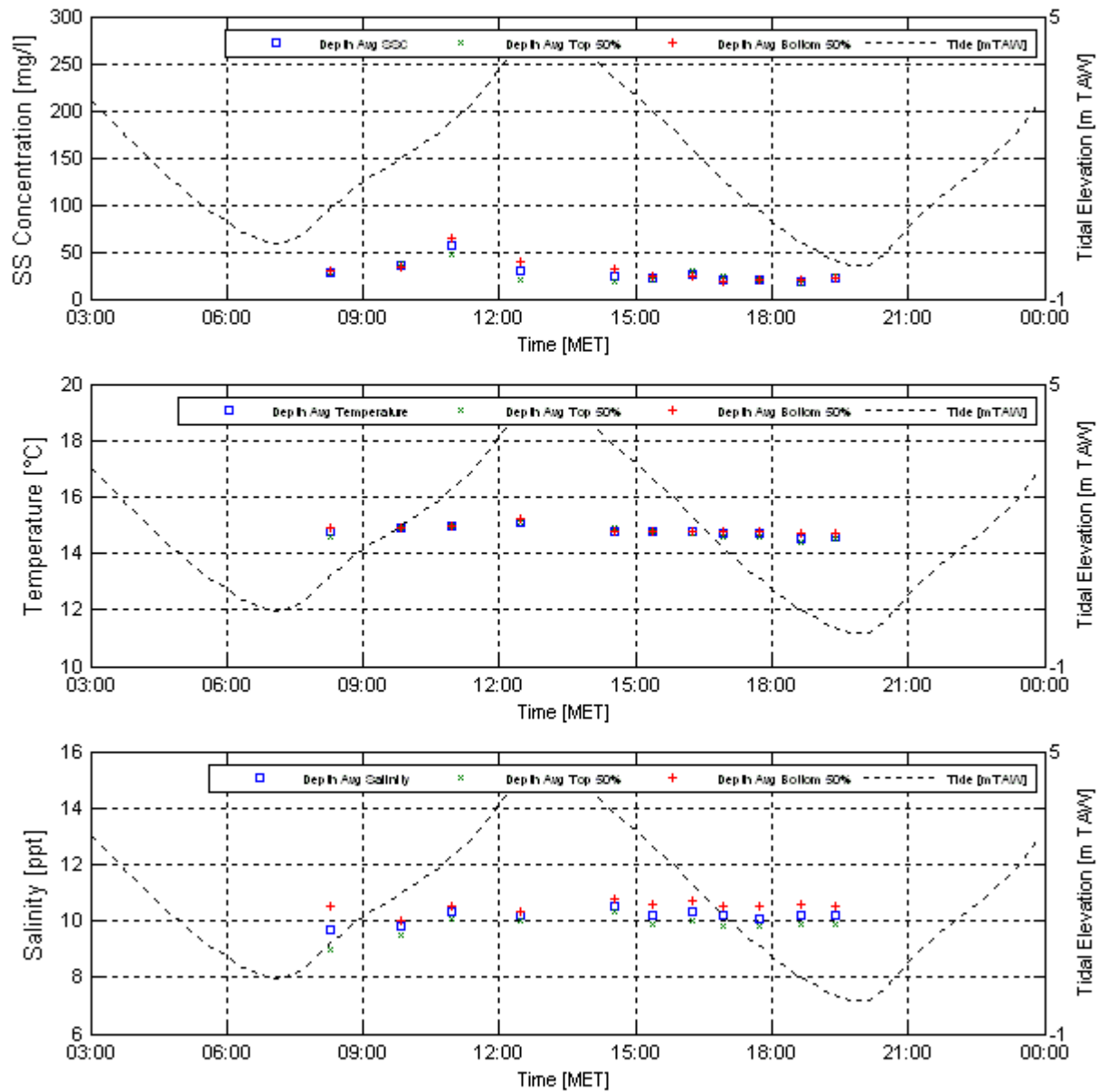
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Za



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

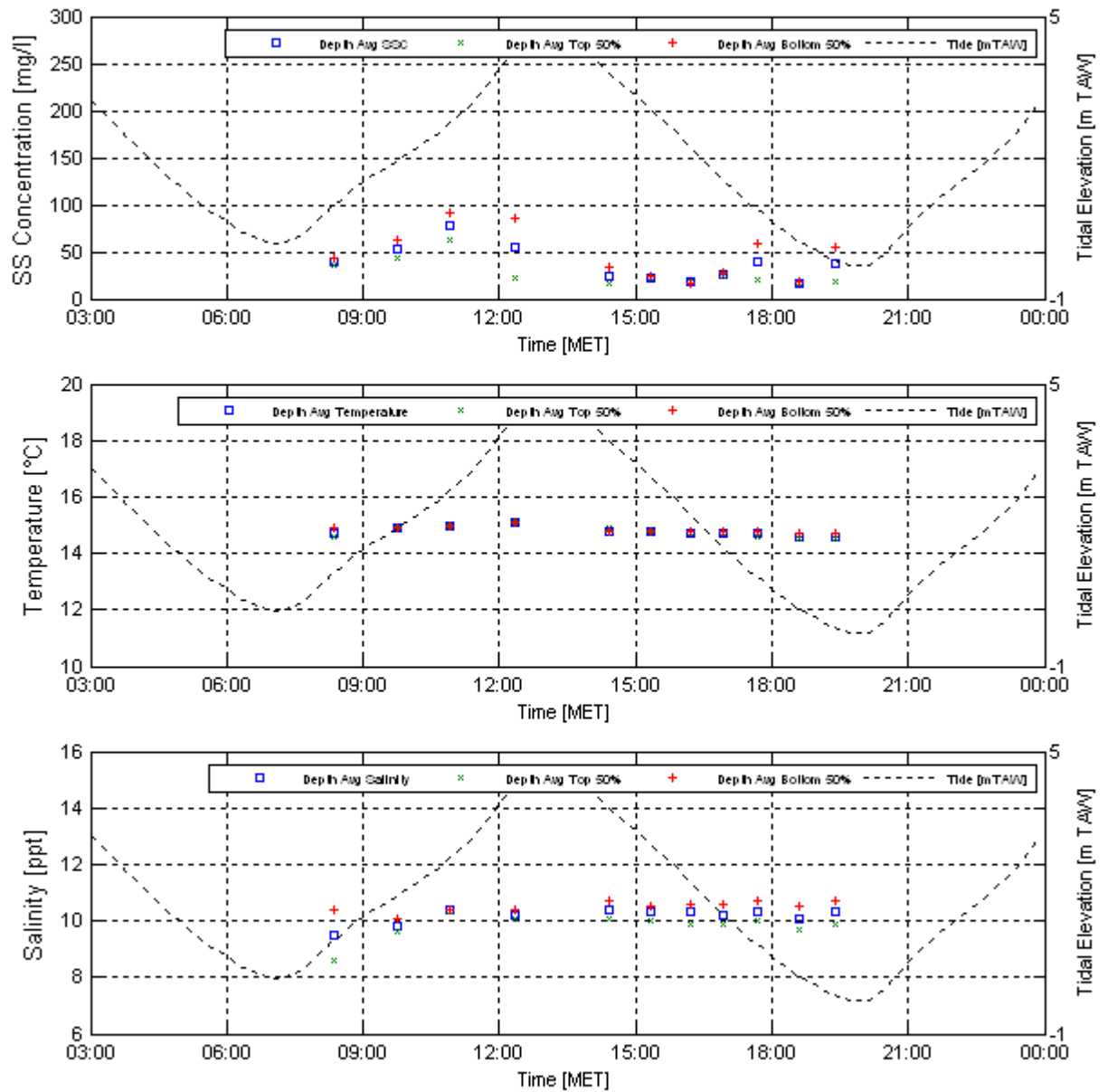
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Zb



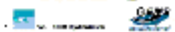
Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

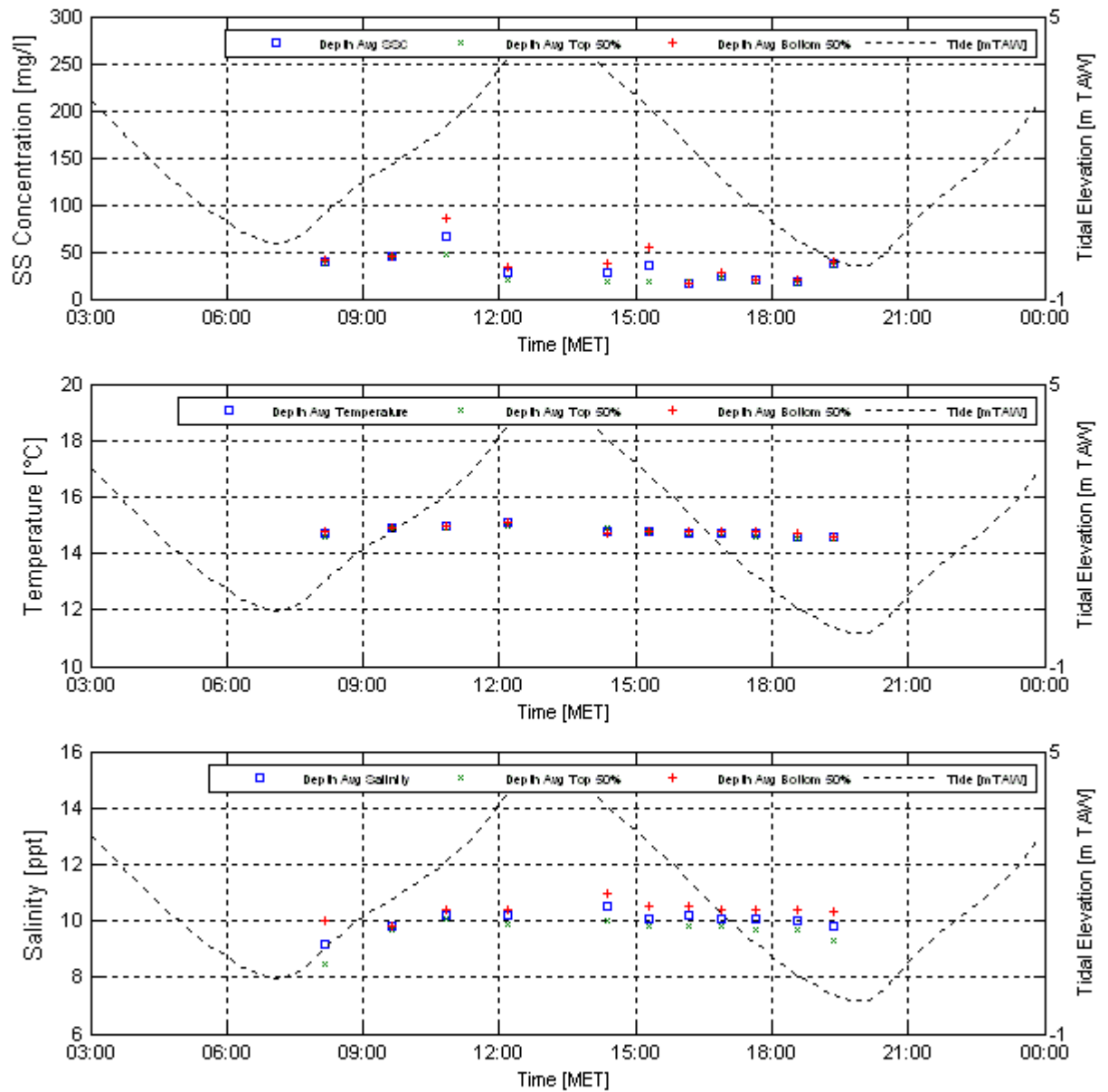
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Zc



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

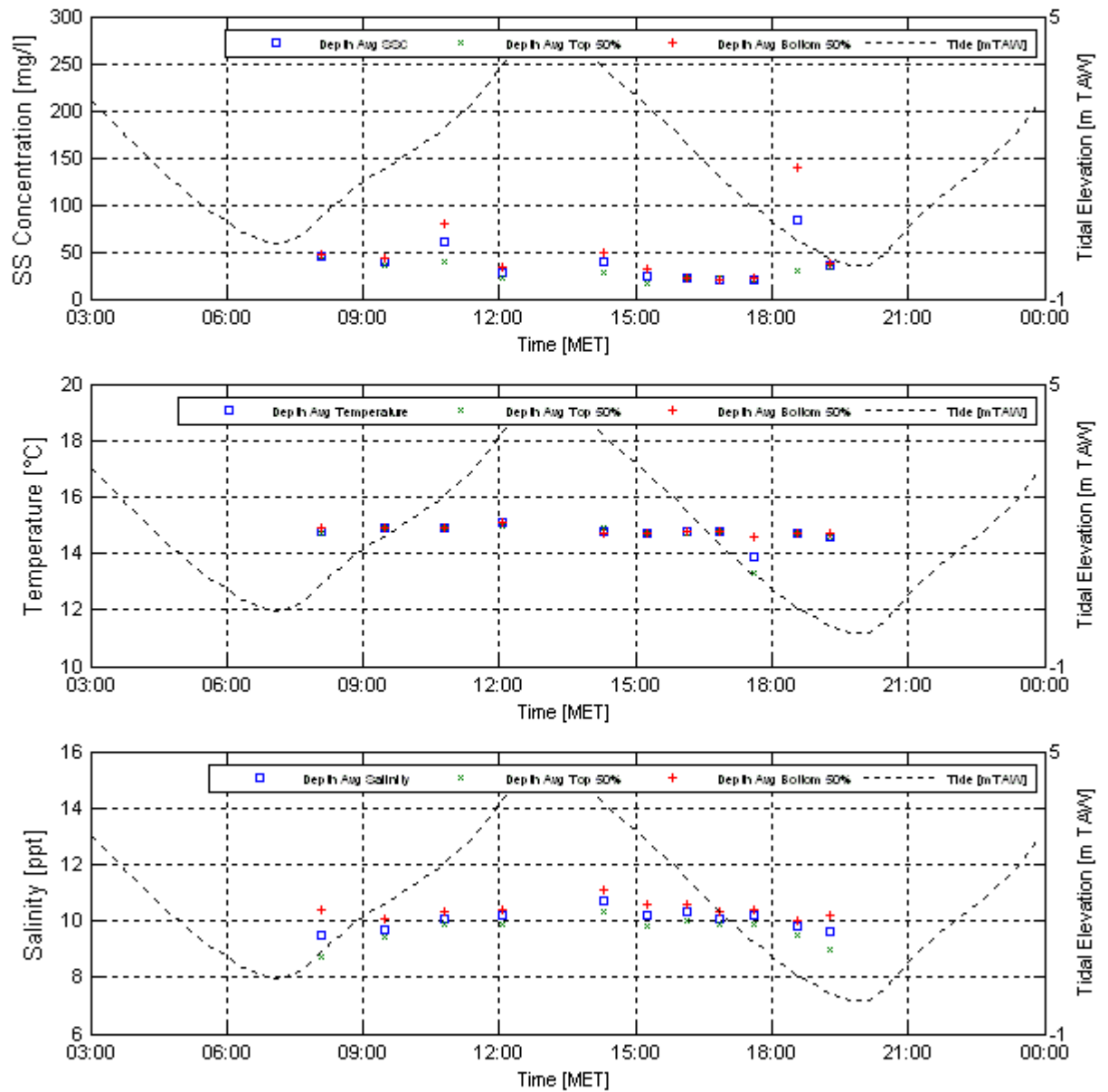
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Zd



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



IRA/11283/07.086/MSA

Through tide measurements Siltprofiler 23 October 2007

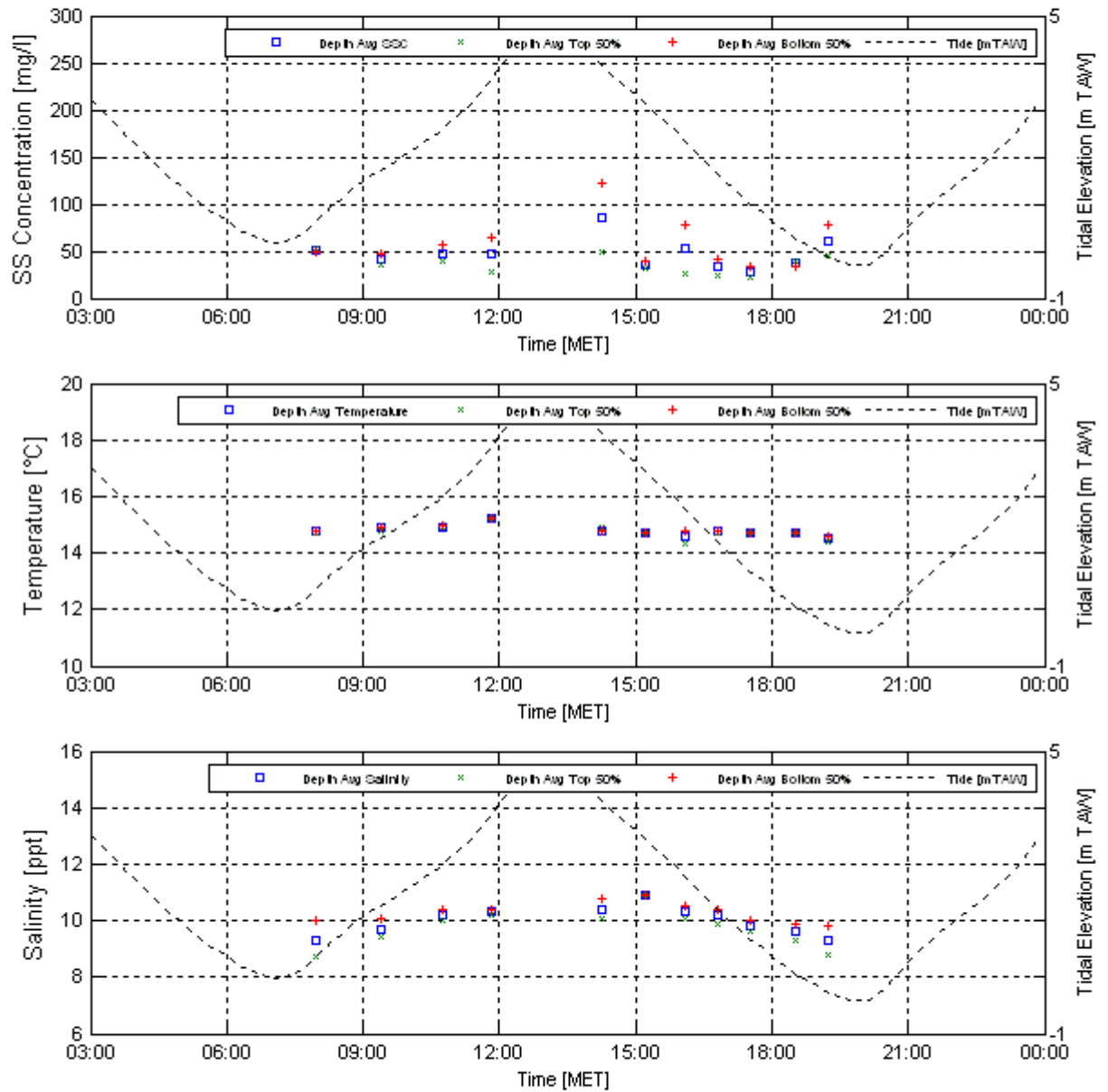
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Ze



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with:



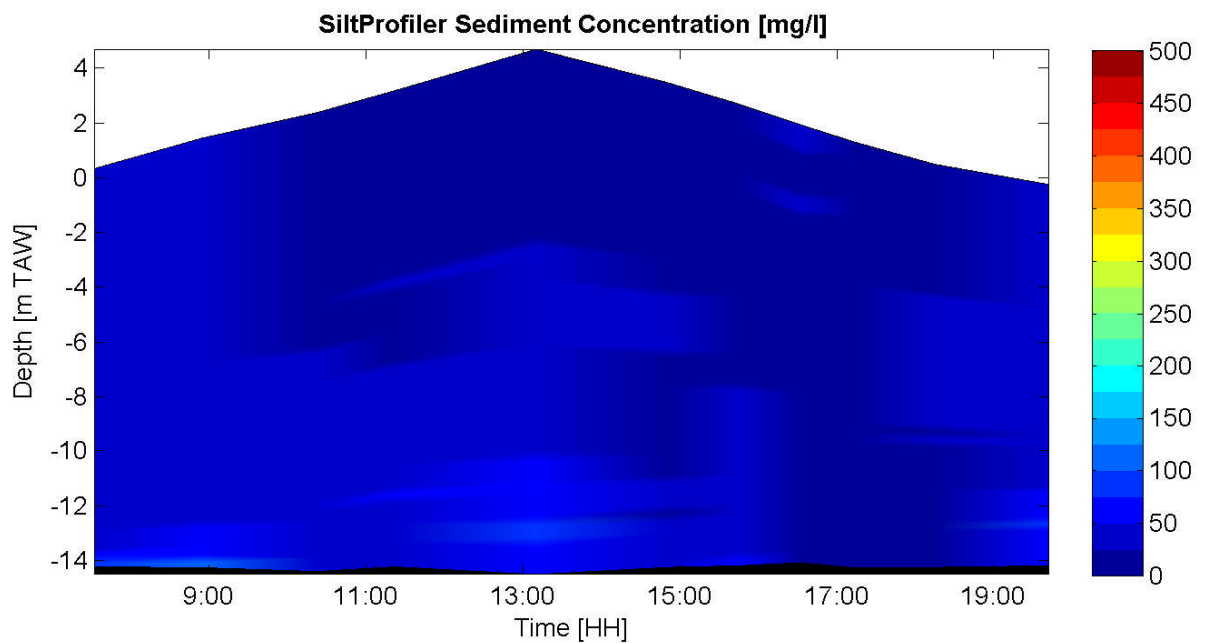
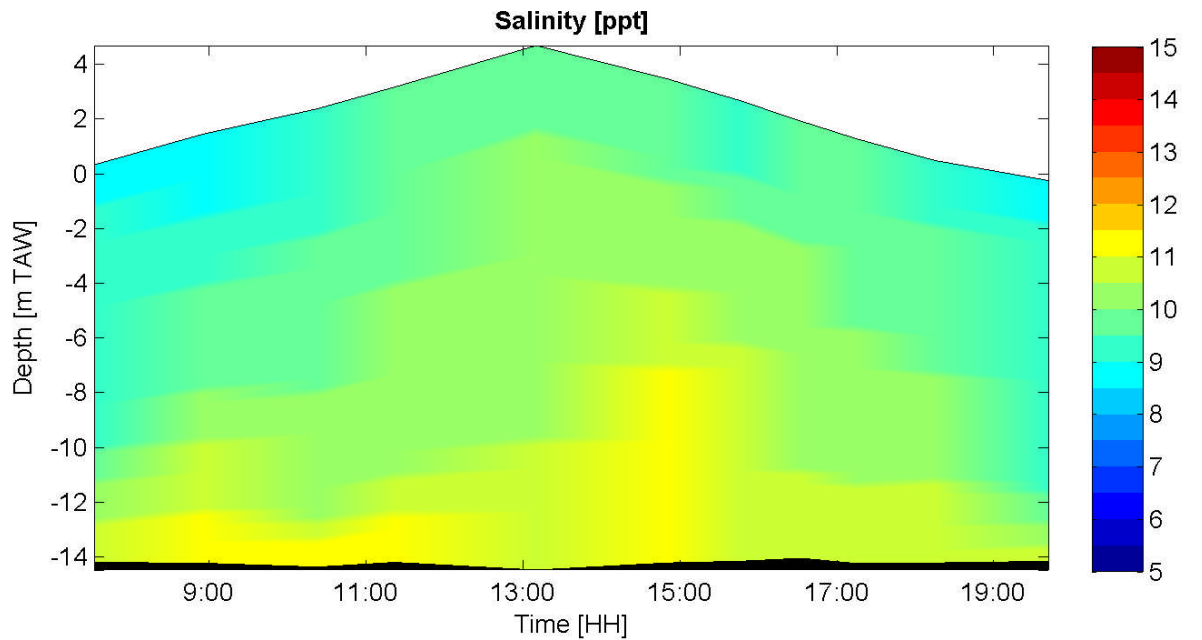
IRA/11283/07.086/MSA

APPENDIX H. TIMESERIES

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Through tide measurement SiltProfiler 23 October 2007

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



Date :

23-Oct-2007

Data Processed by:



In association with :



I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

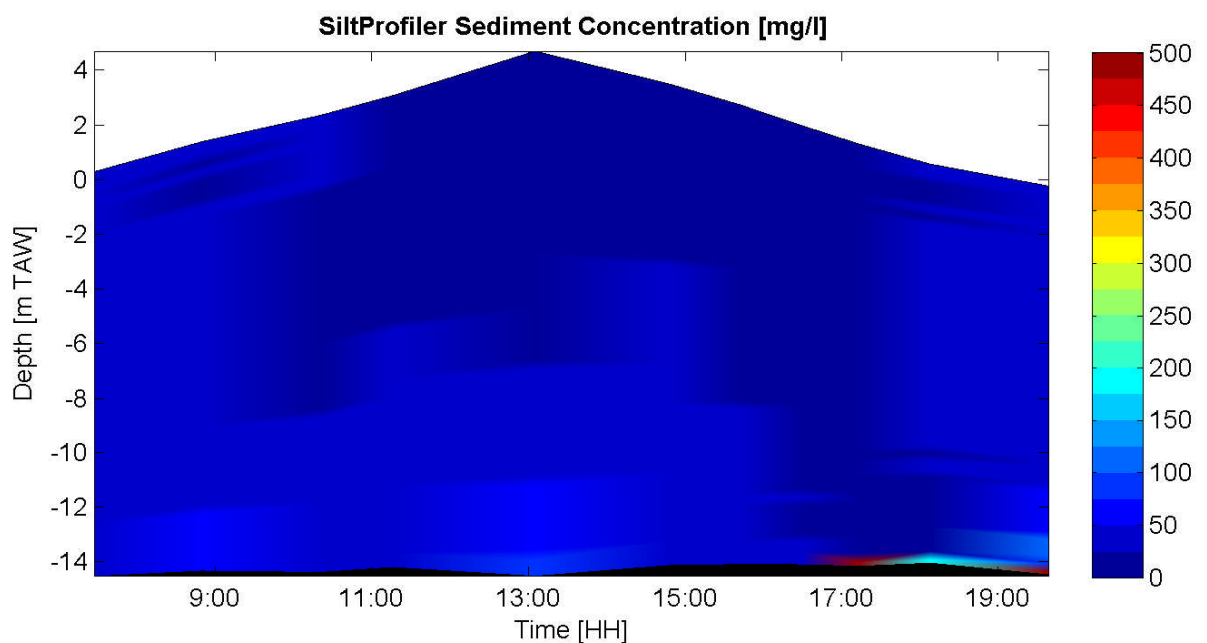
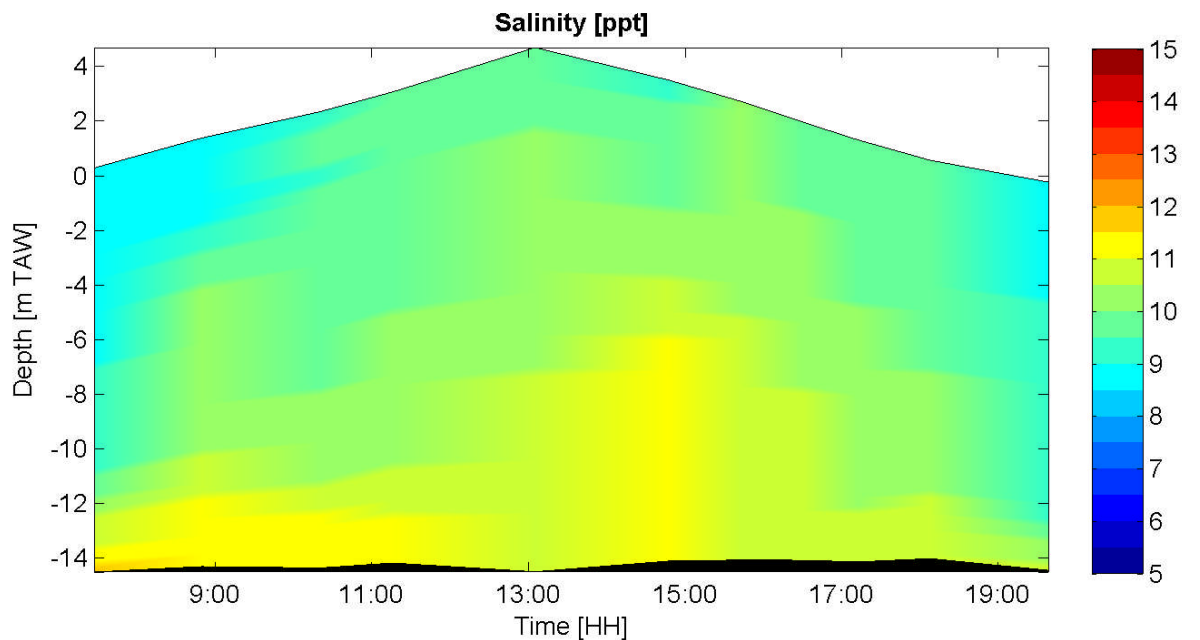
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Xb



Date :

23-Oct-2007

Data Processed by:



In association with :



I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

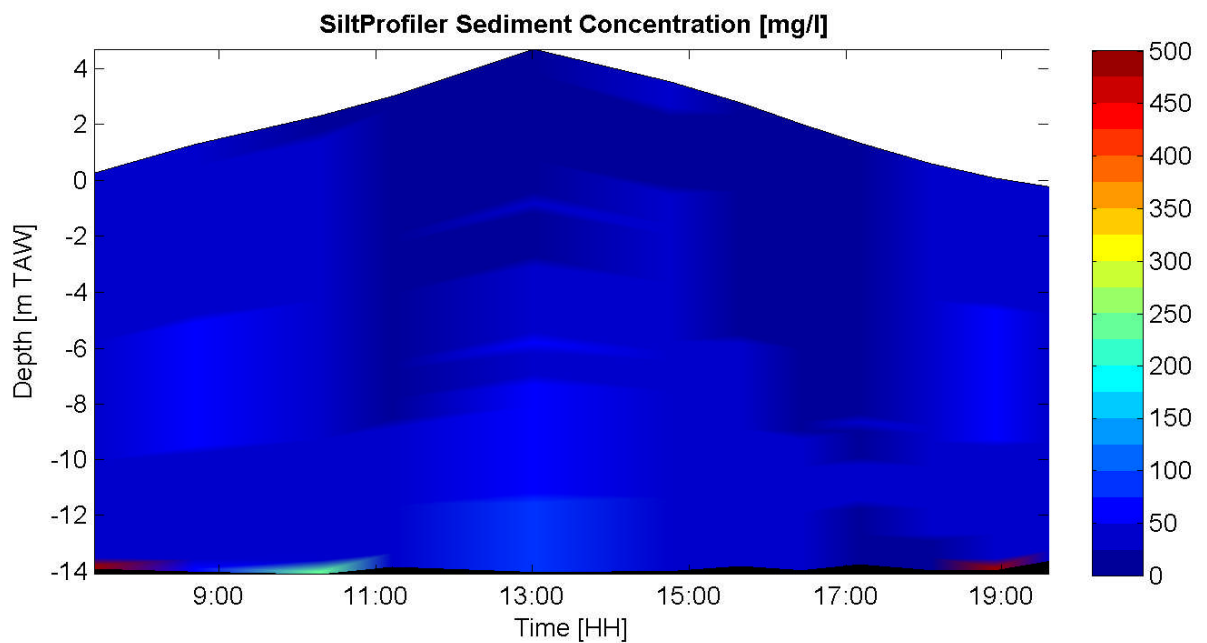
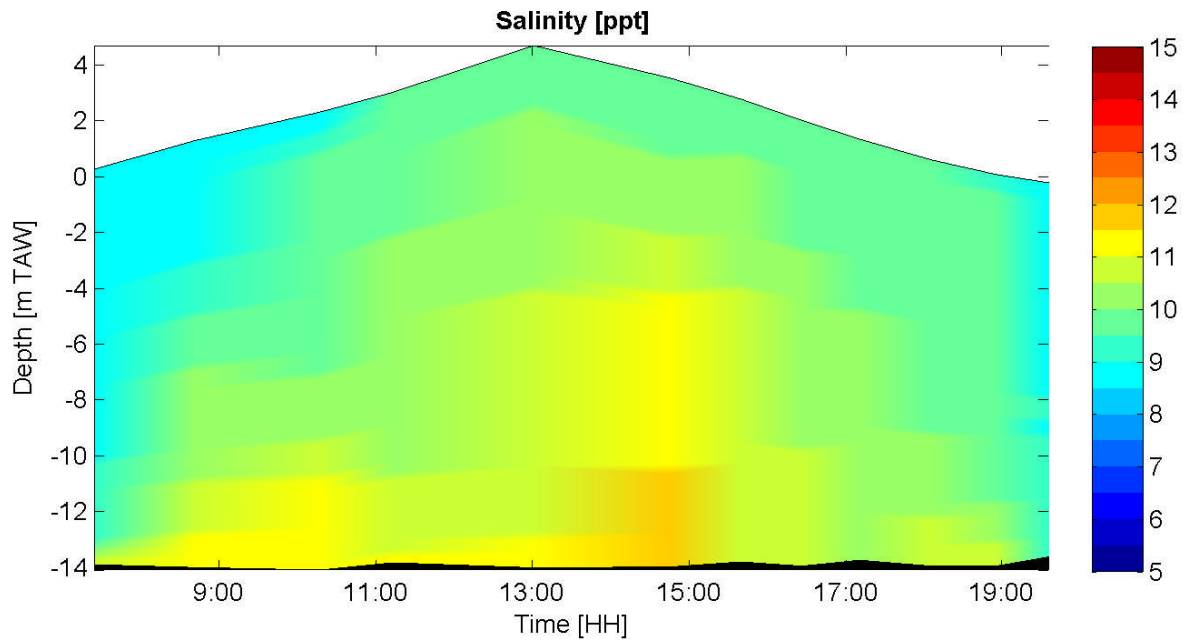
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Xc



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with :



I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

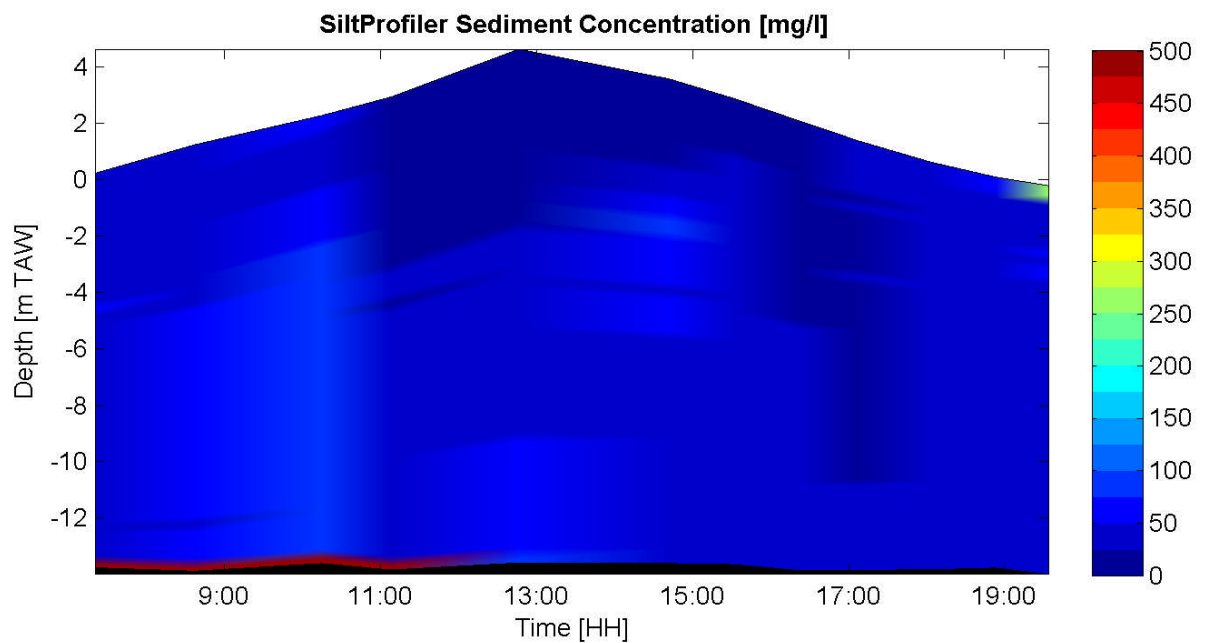
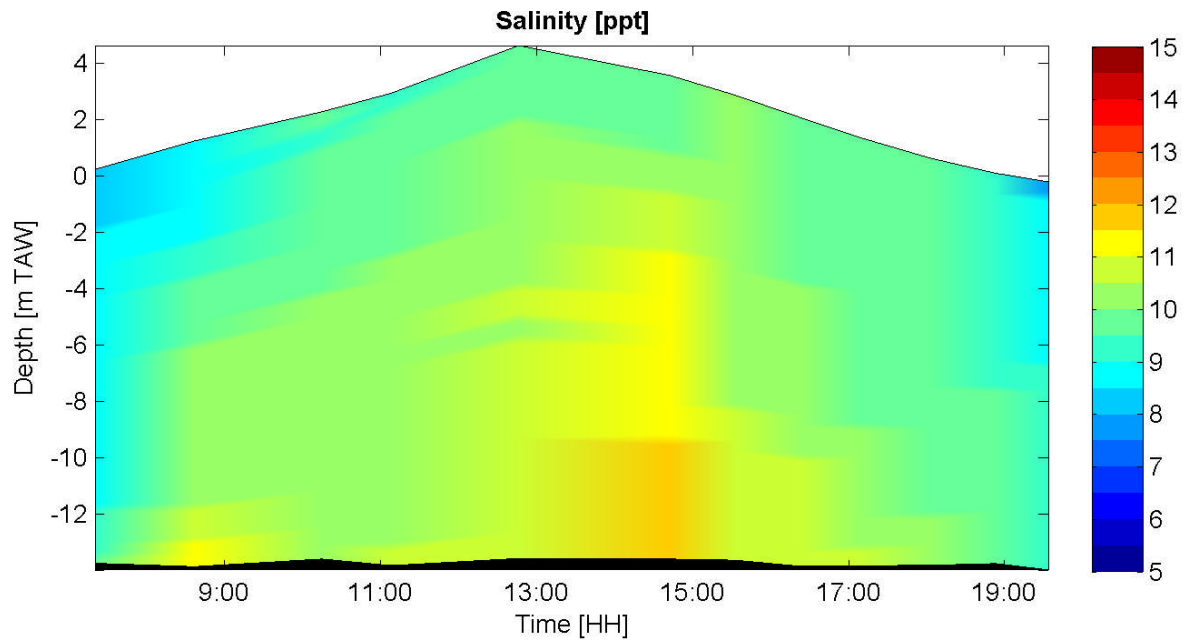
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Xd



Date :

23-Oct-2007

Data Processed by:



In association with :



I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

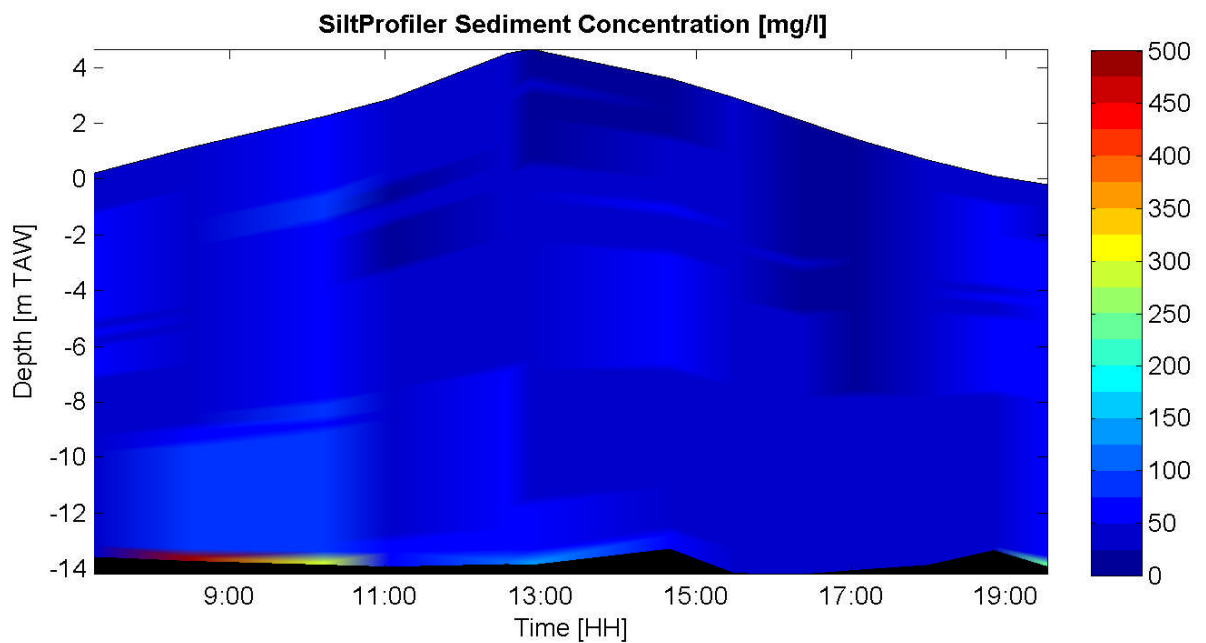
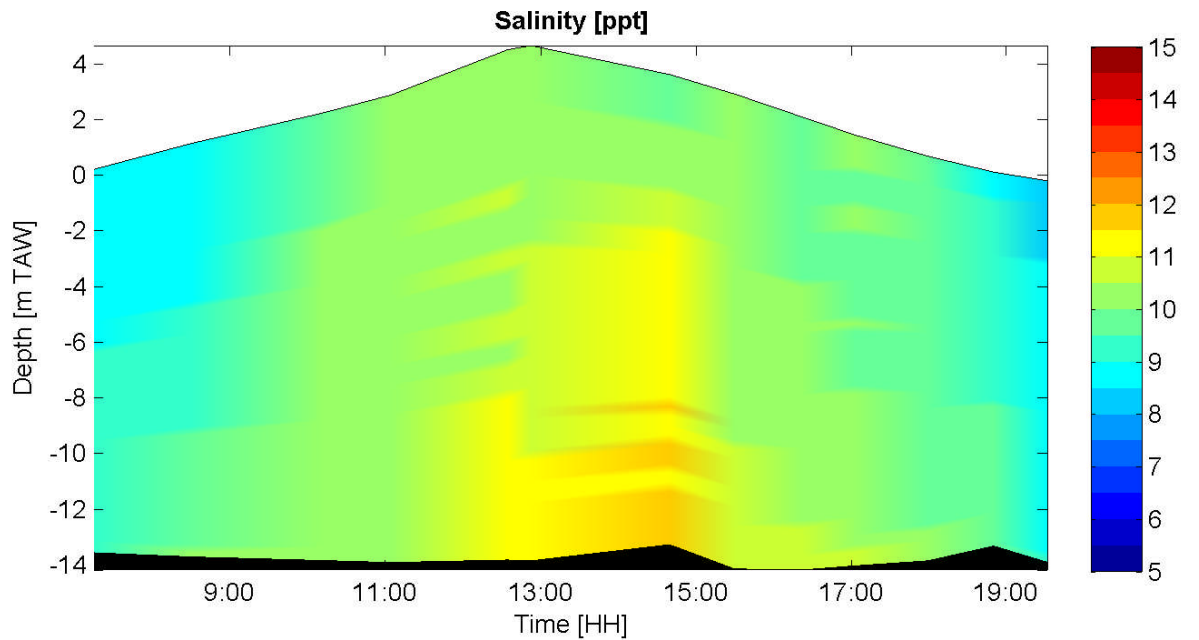
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Xe



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with :



I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

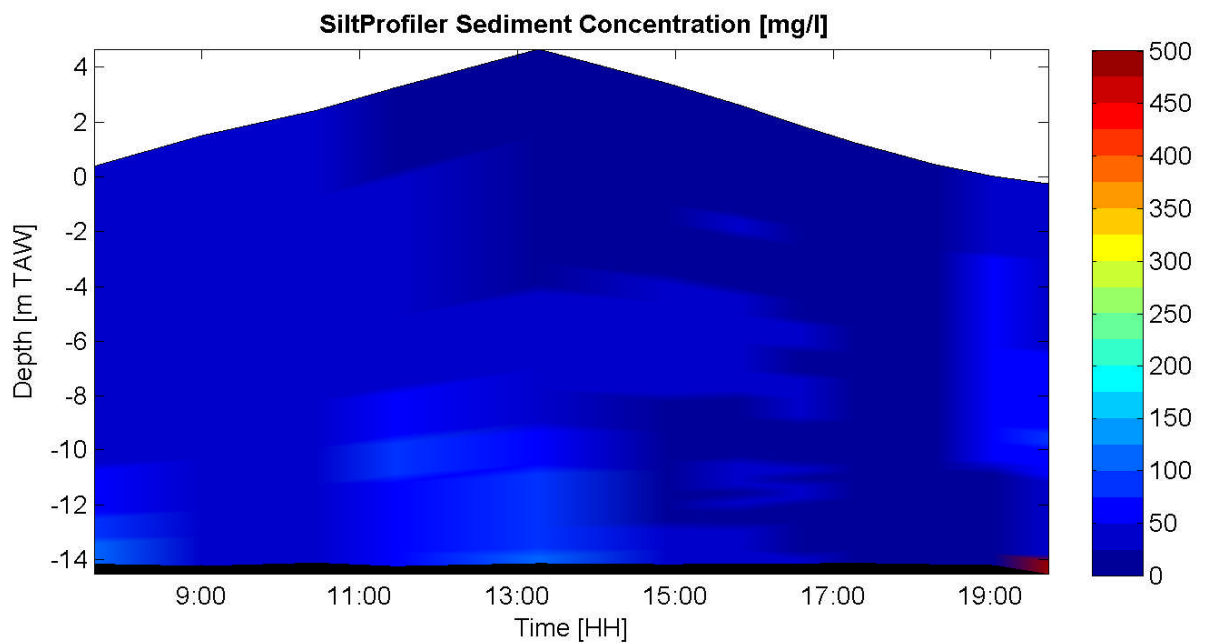
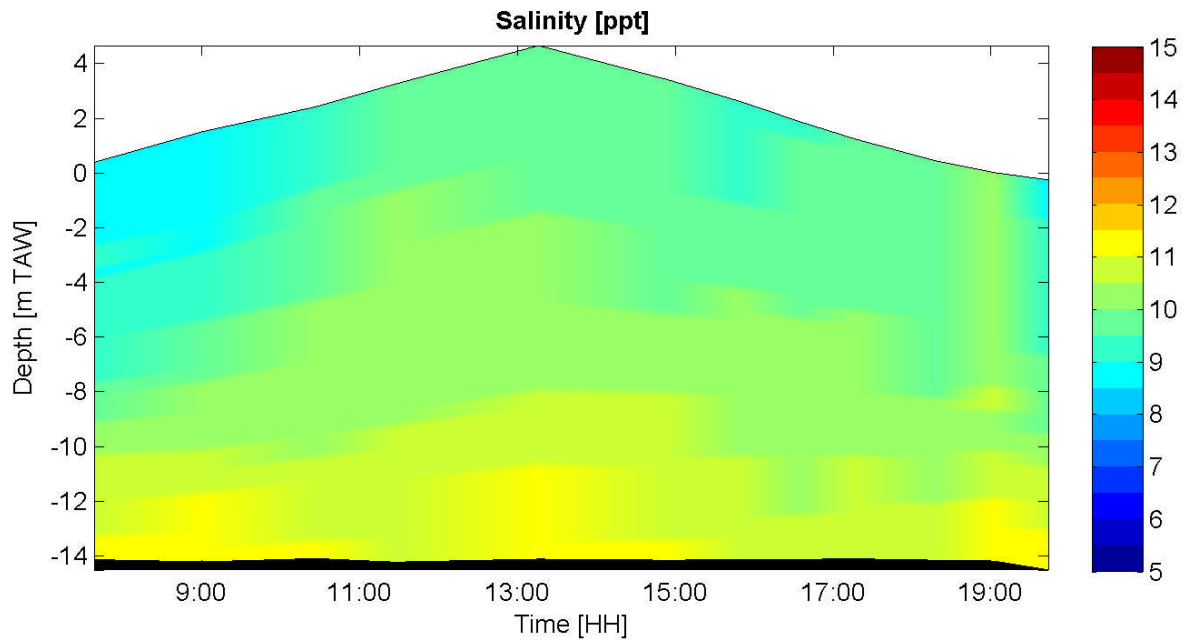
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Ya



Date :

23-Oct-2007

Data Processed by:



In association with :



I/RA/11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

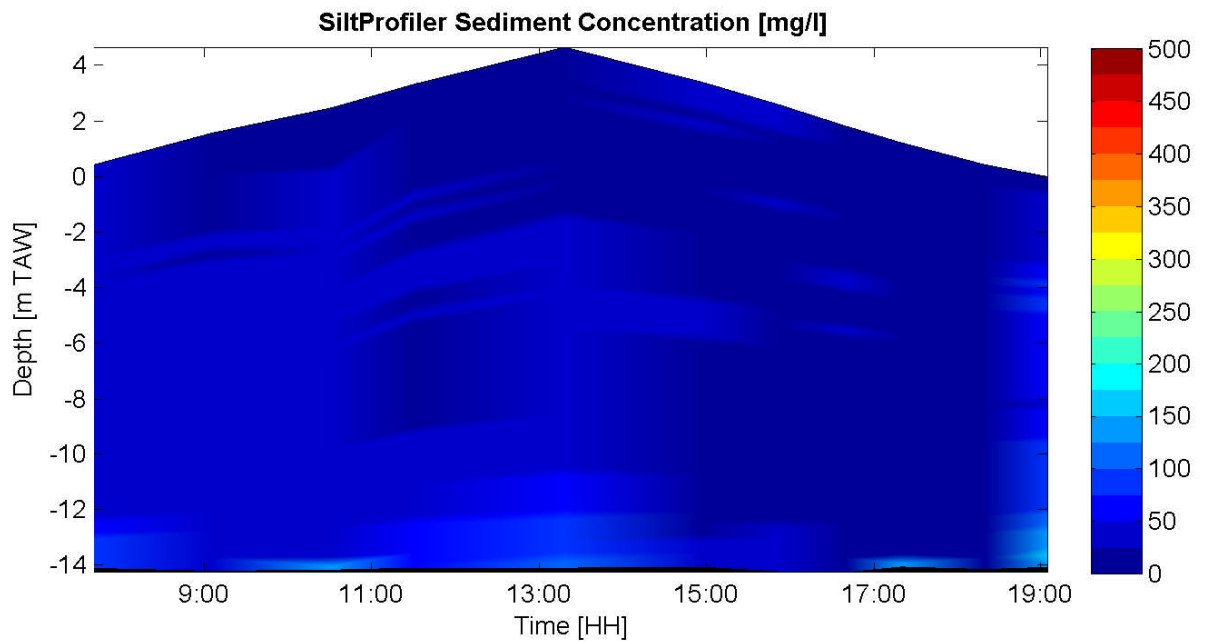
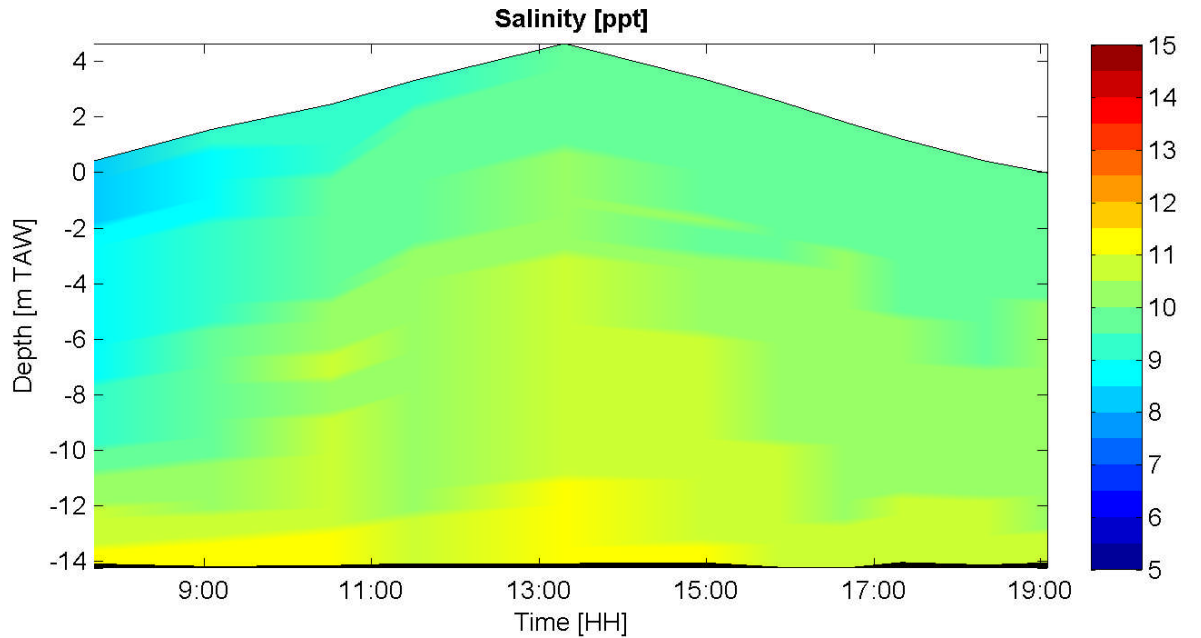
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Yb



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with :

I/RA/11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

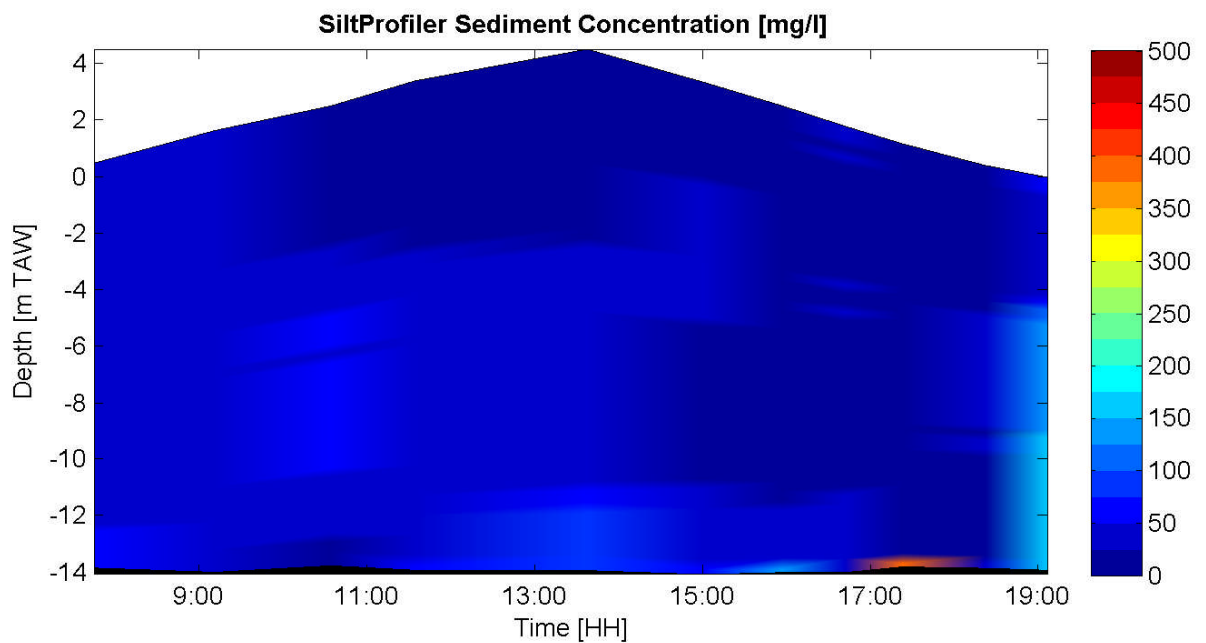
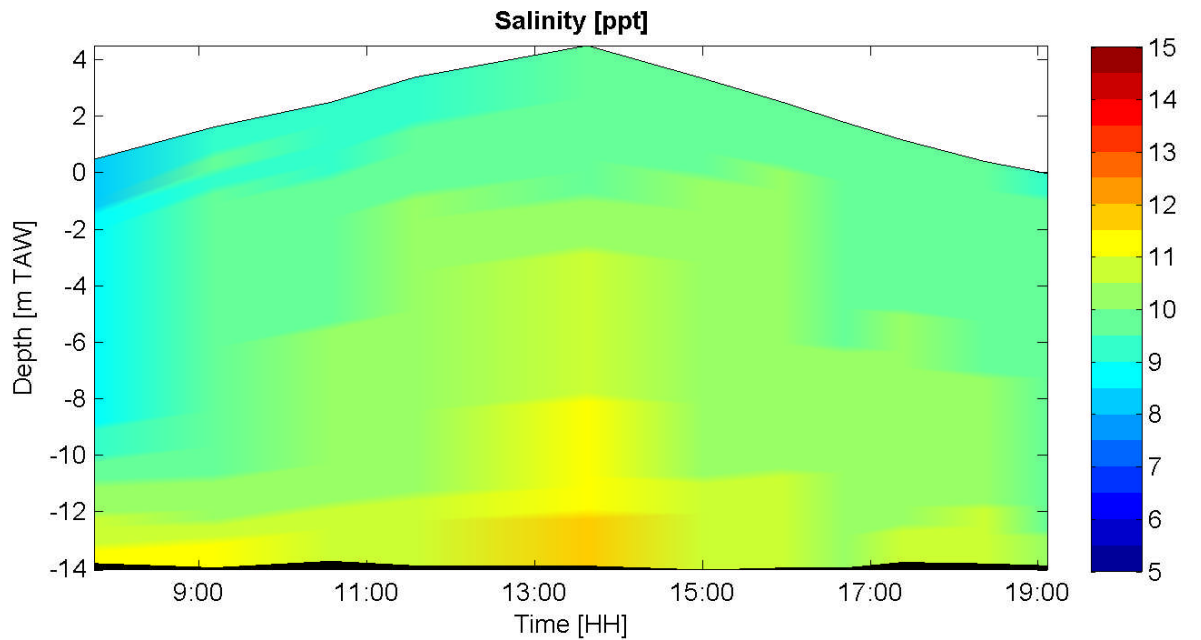
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Yc



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with :



I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

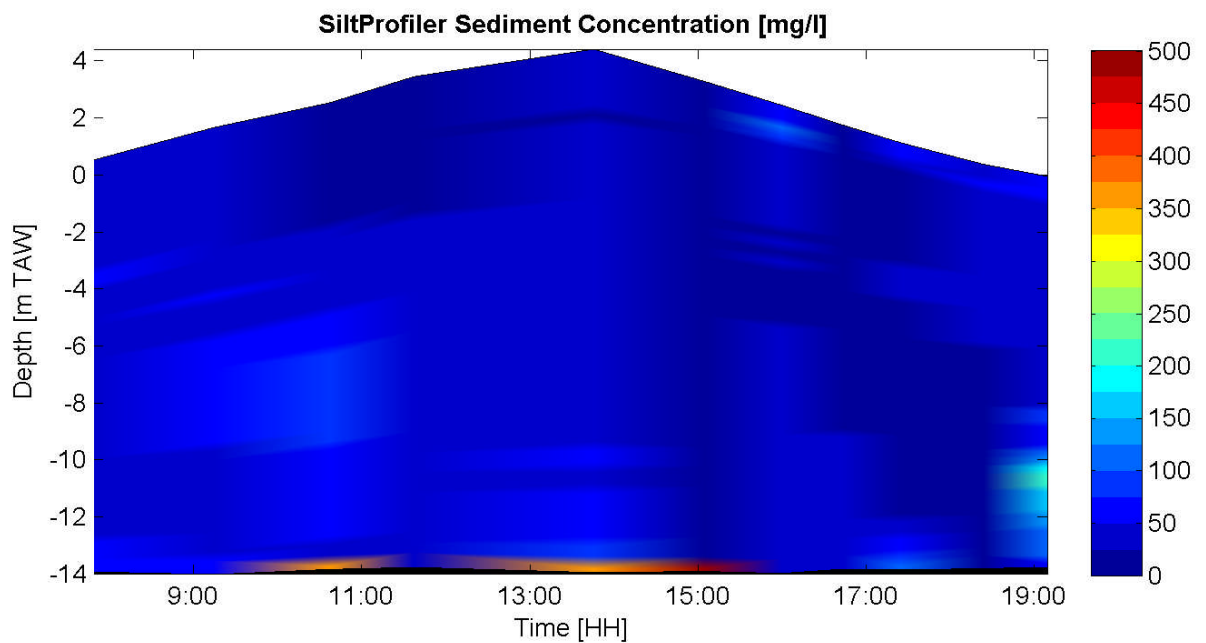
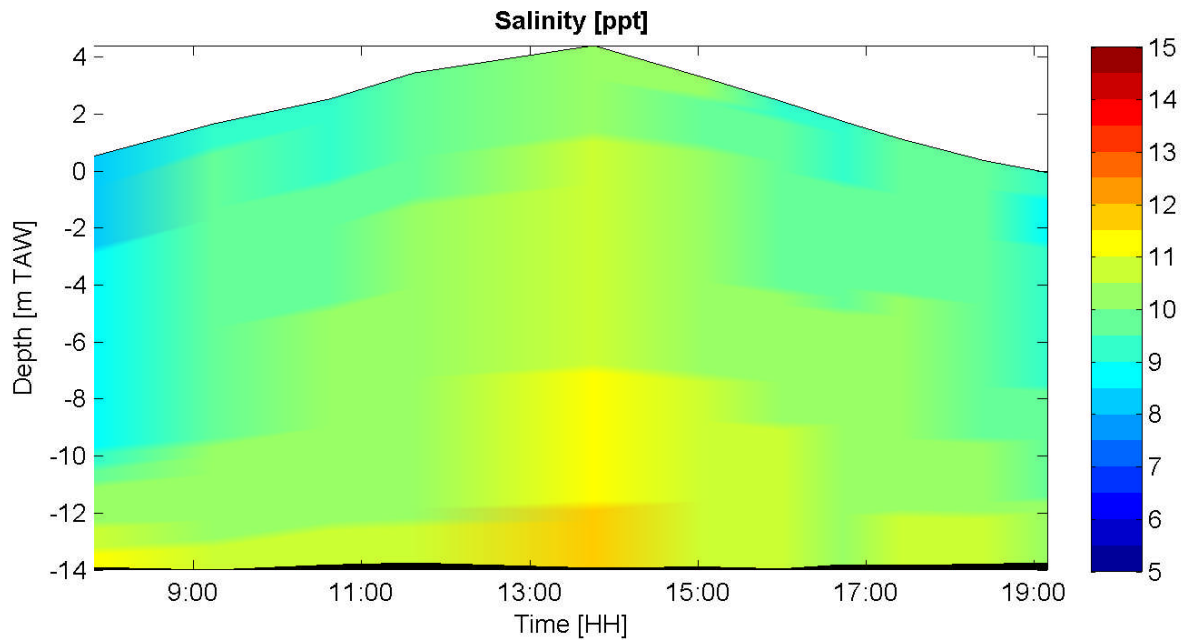
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Yd



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with :

I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

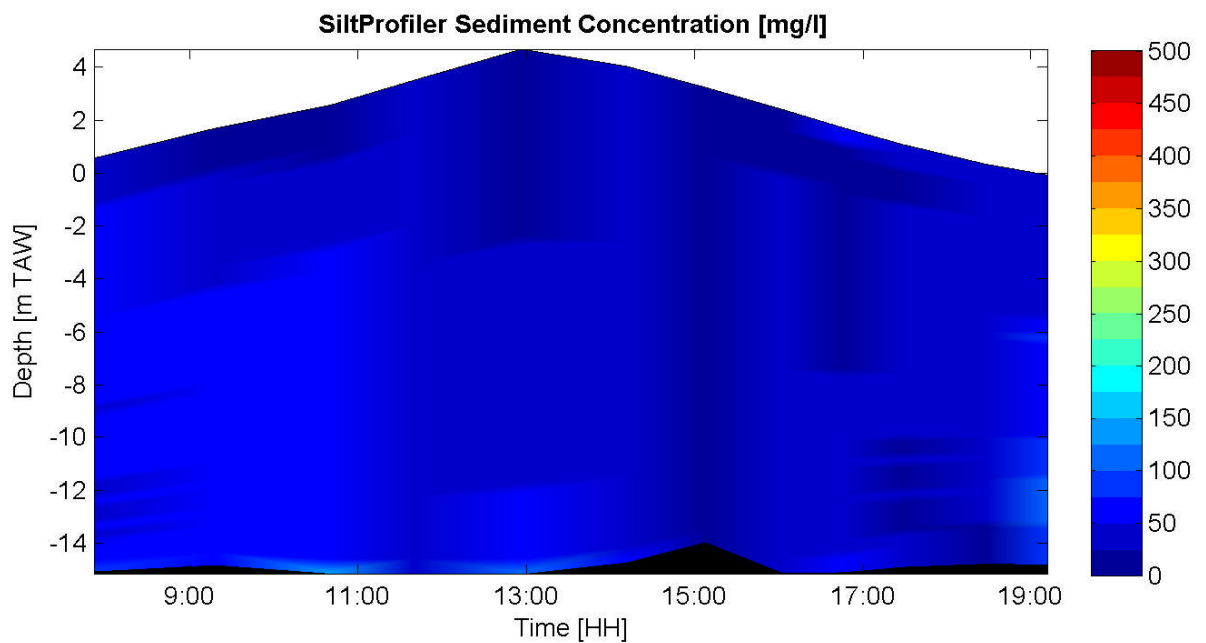
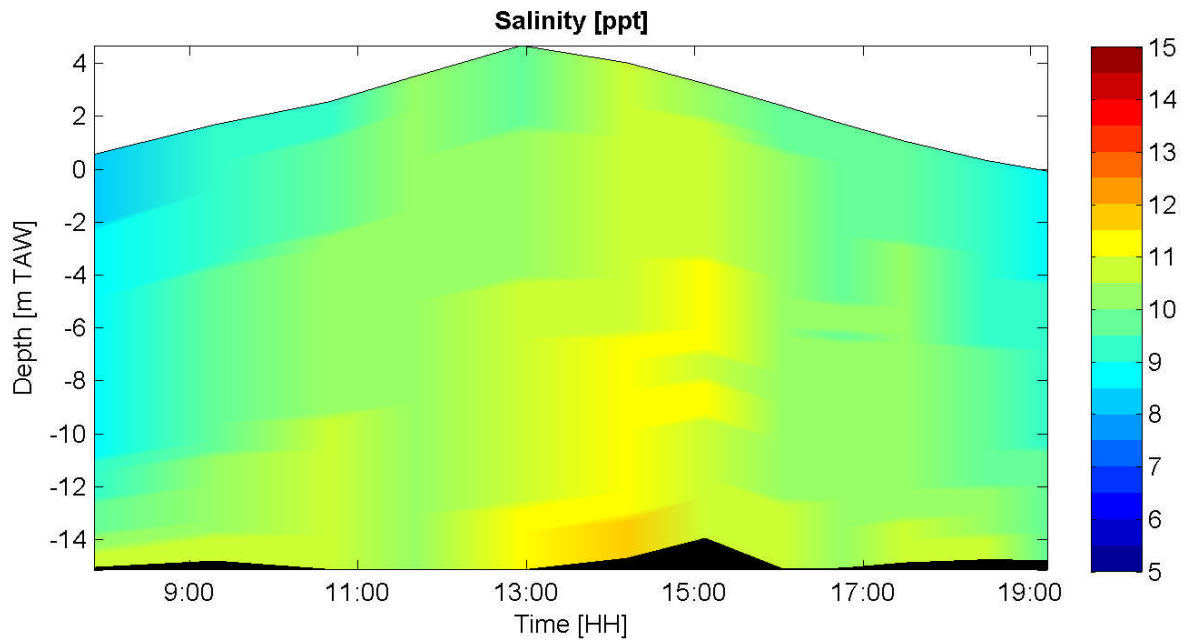
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Ye



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283

Equipment(s):

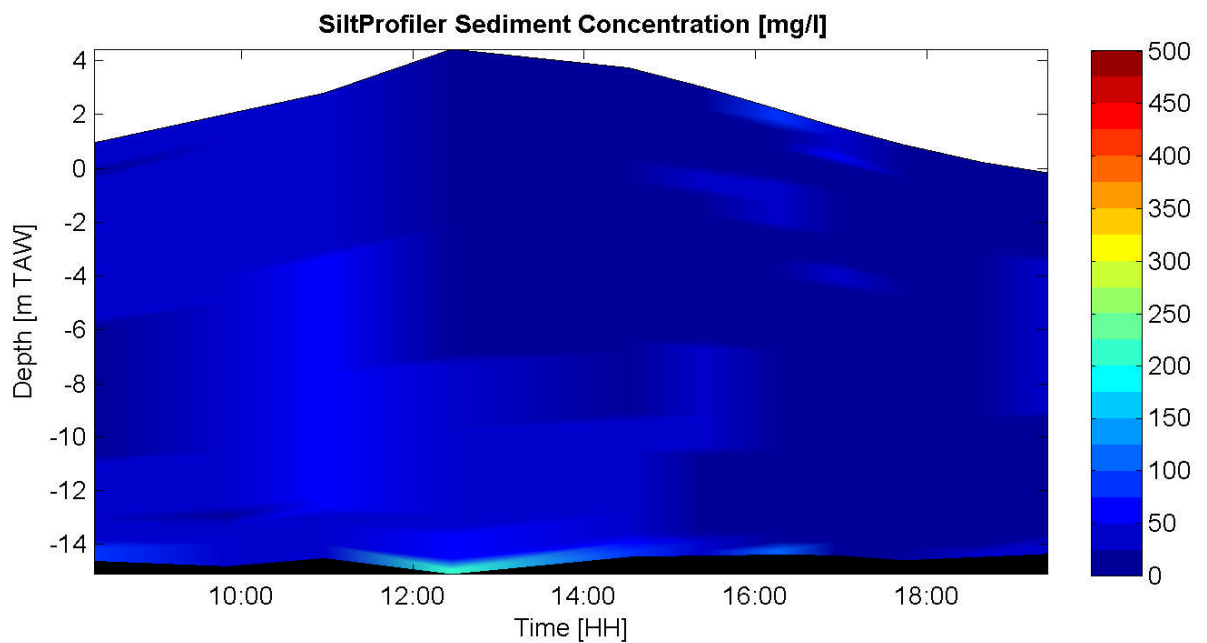
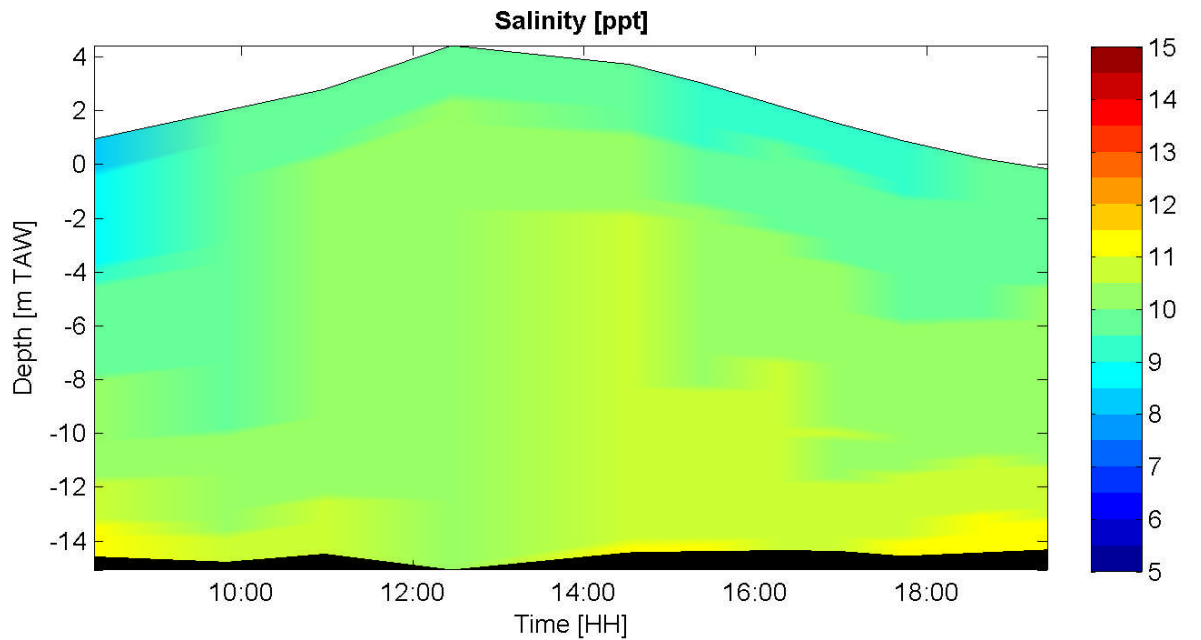
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Za



Date :

23-Oct-2007

Data Processed by:



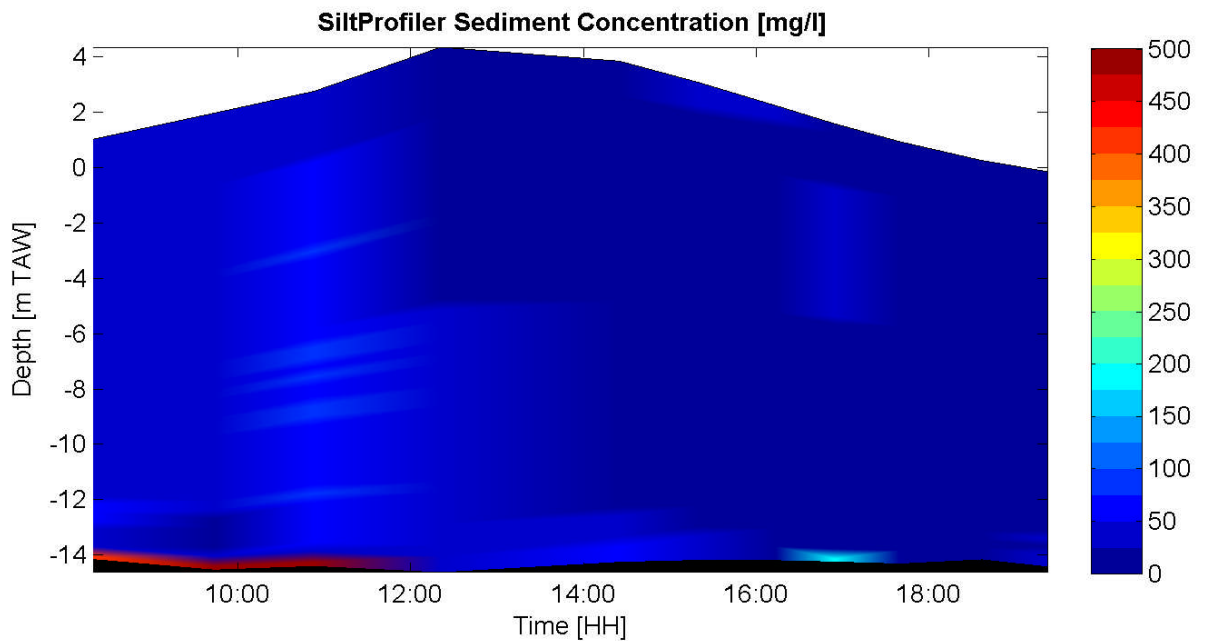
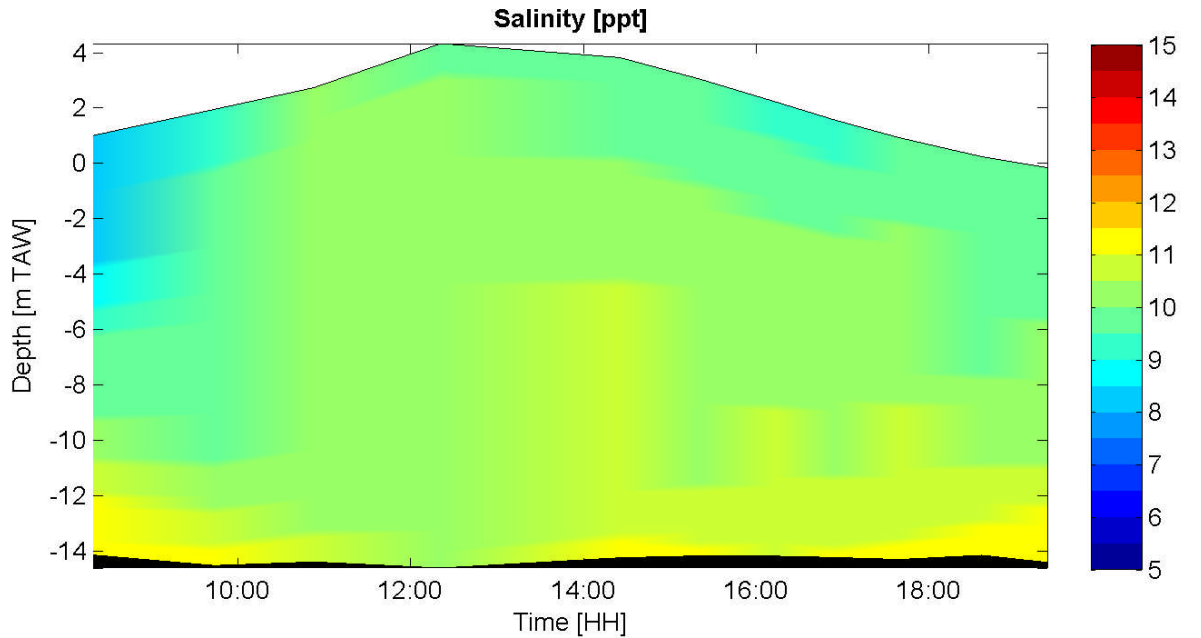
In association with :



I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

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



Date :
23-Oct-2007

Data Processed by: 
In association with :  

I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

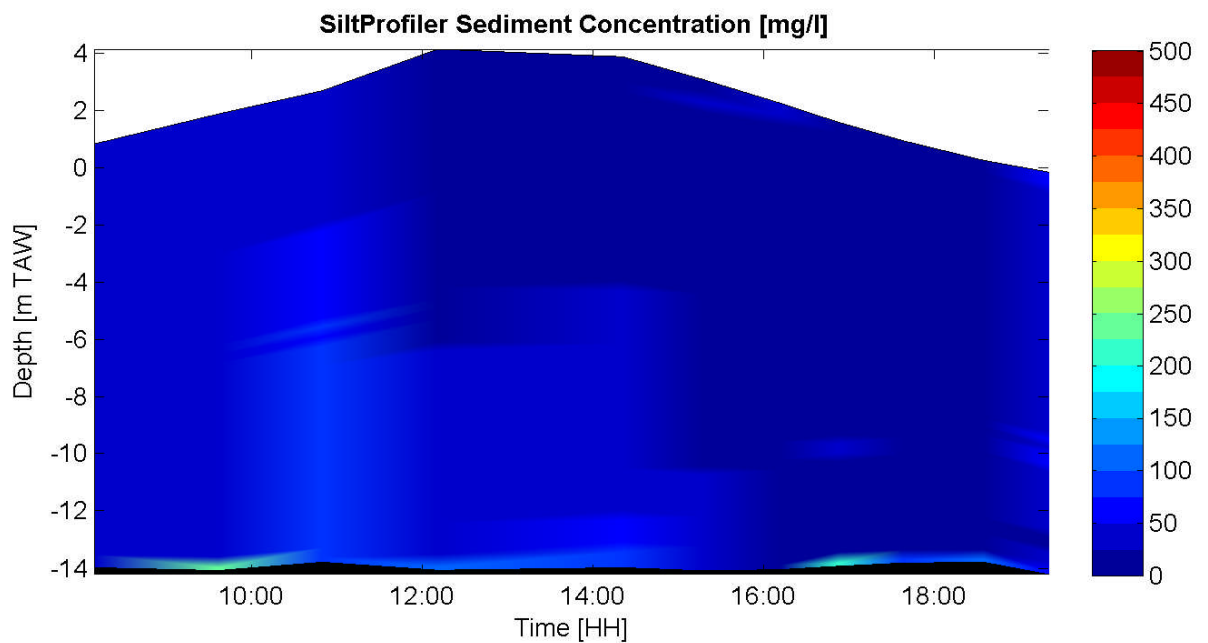
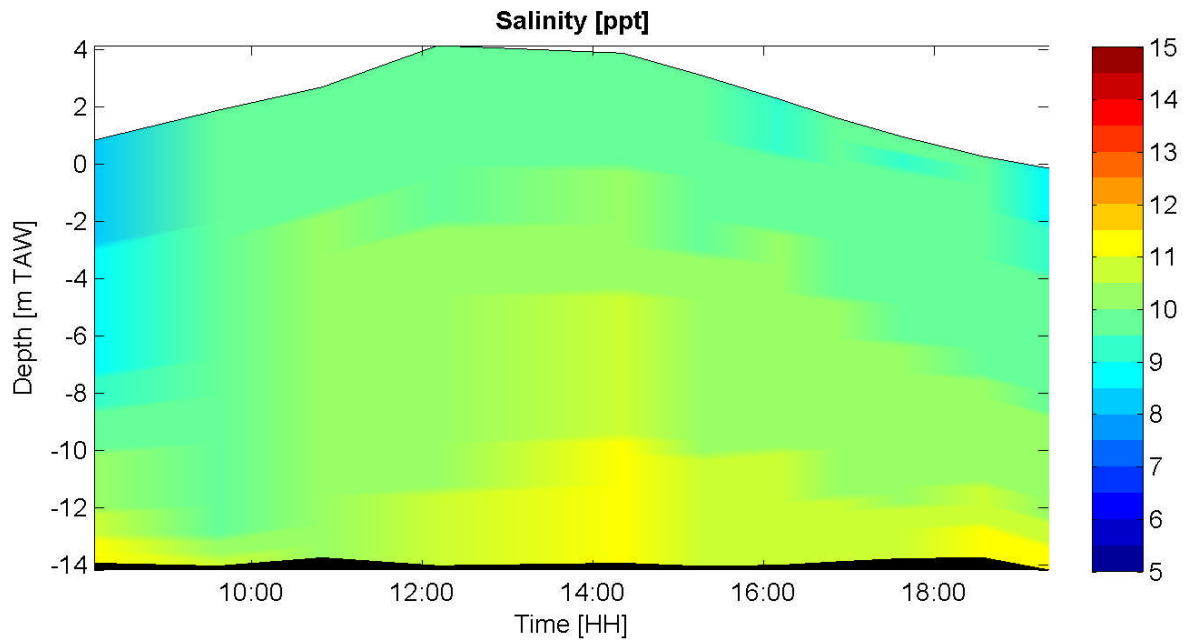
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Zc



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with :



I/RA11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

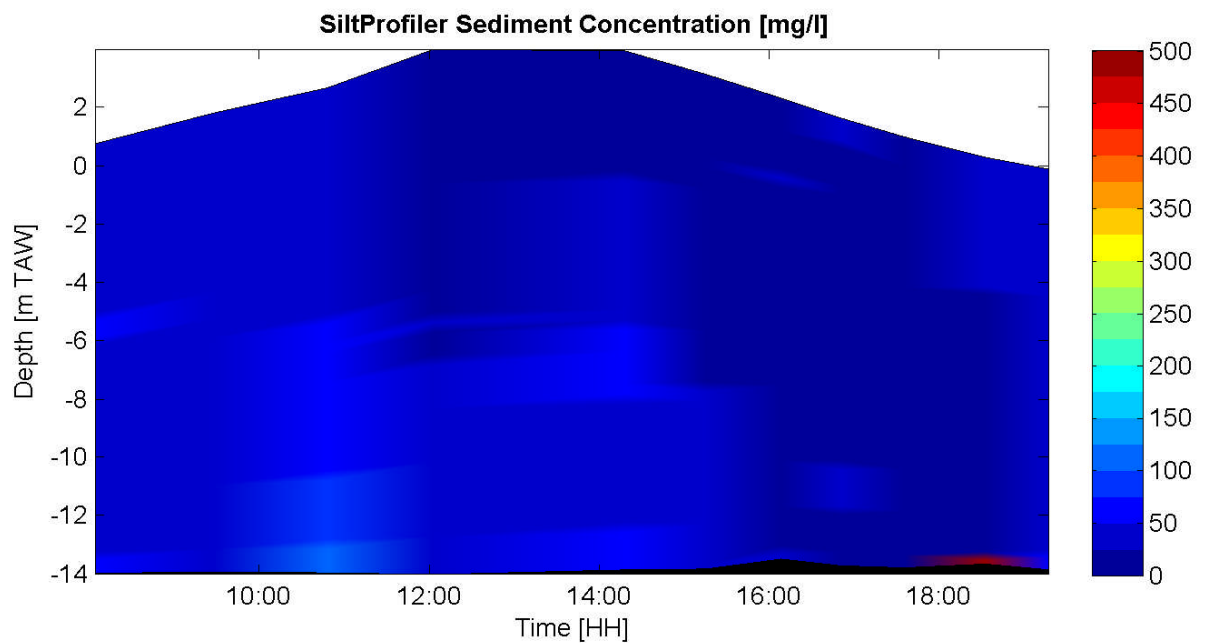
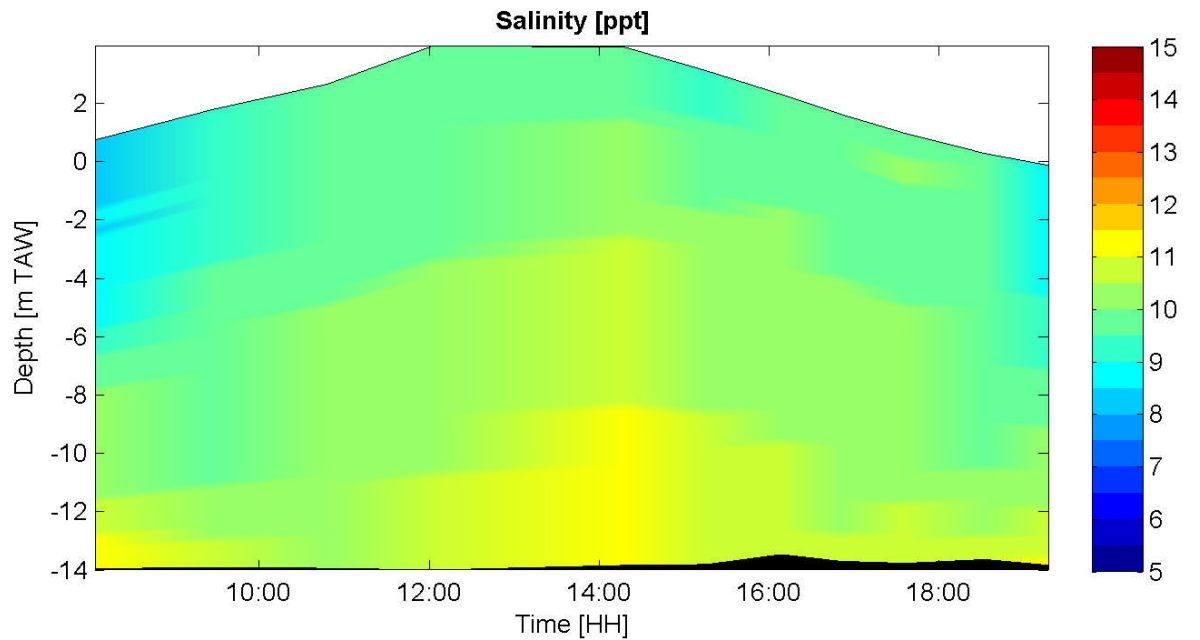
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Zd



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with :



I/RA/11283/07.086/MSA

Through tide measurement SiltProfiler 23 October 2007

11283

Equipment(s):

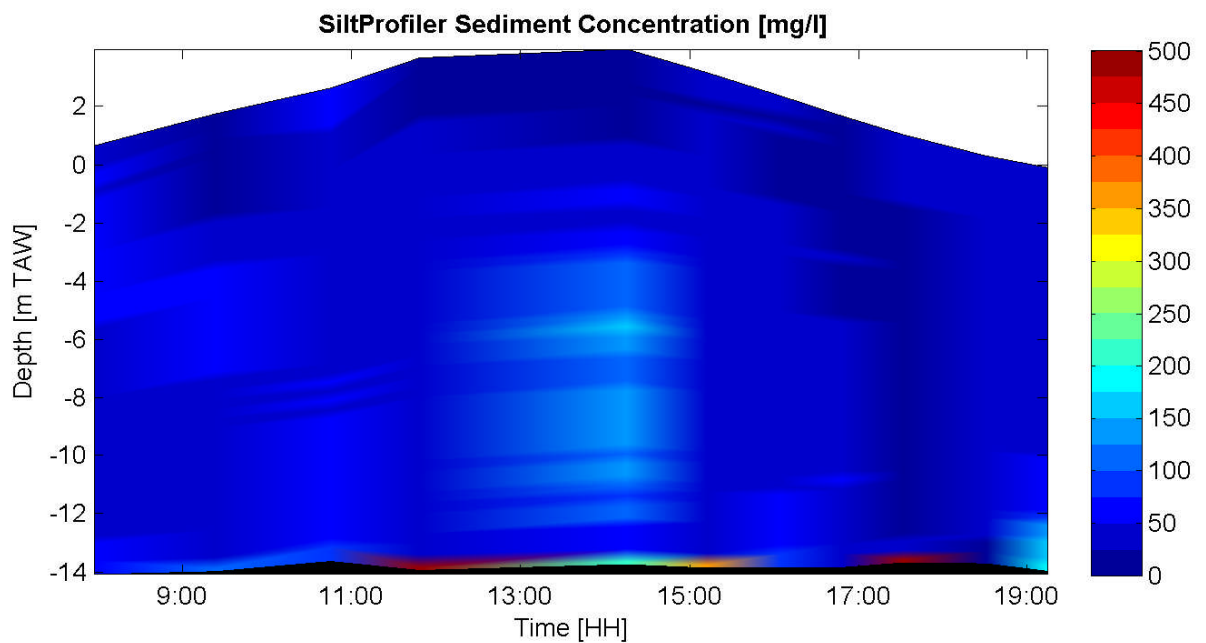
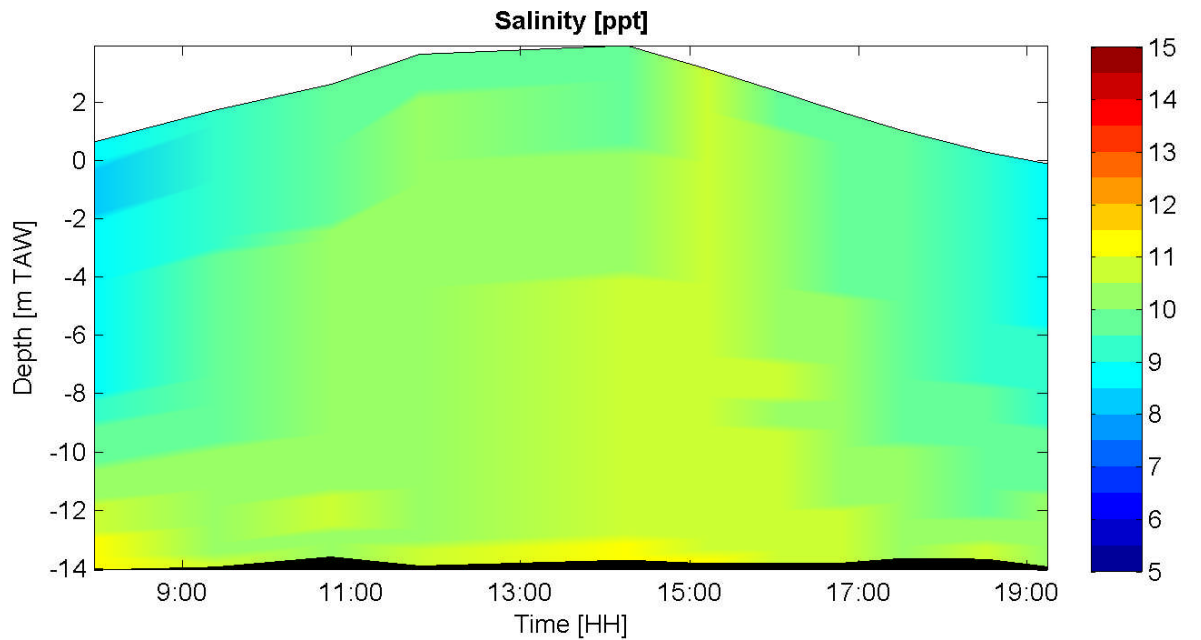
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Ze



Date :

23-Oct-2007

Data Processed by:

IMDC

In association with :

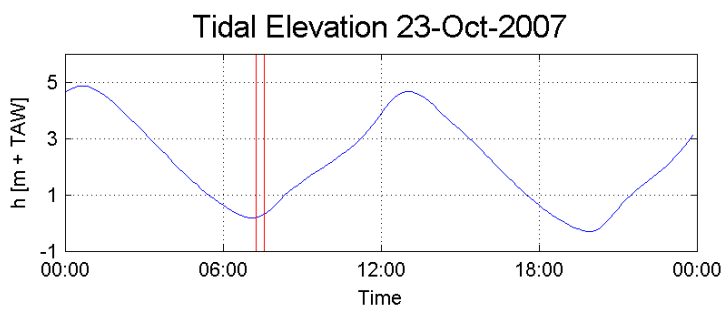
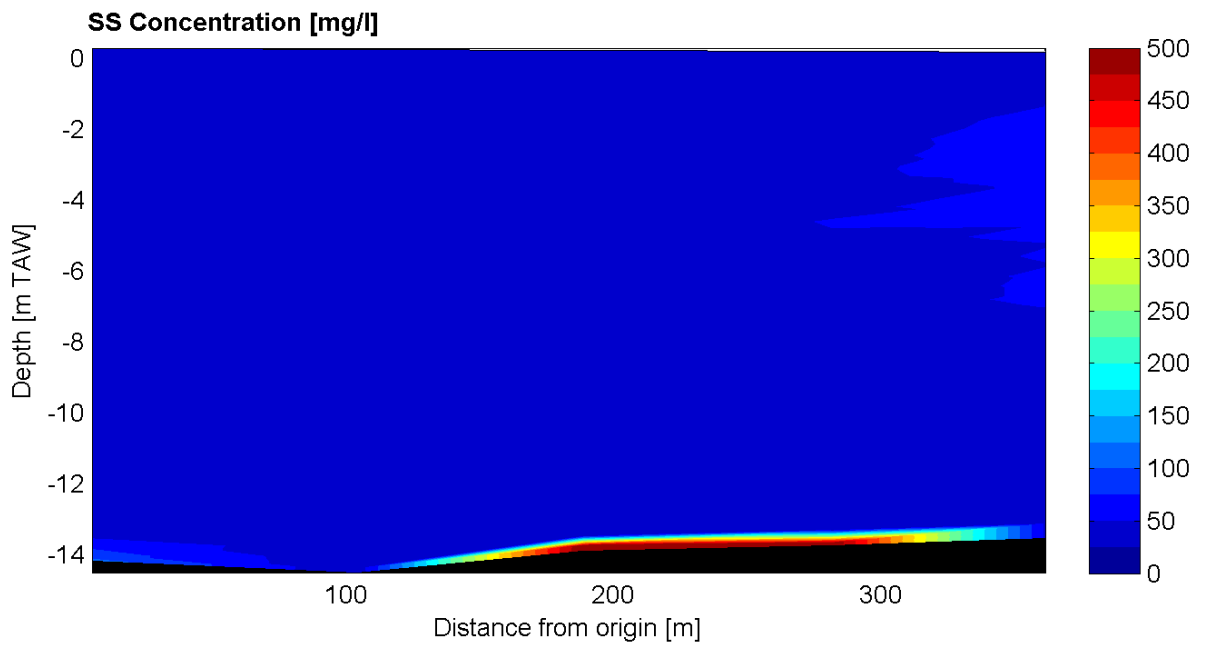
I/RA11283/07.086/MSA

APPENDIX I. TRANSECT SUSPENDED SEDIMENT CONCENTRATION DISTRIBUTION

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Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1005Xa.sil - 1001Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
13:00: h = 4.66 m+TAW
07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
07:33 - 07:15
Time after HW [HH:MM]
-5:35

Data Processed by:



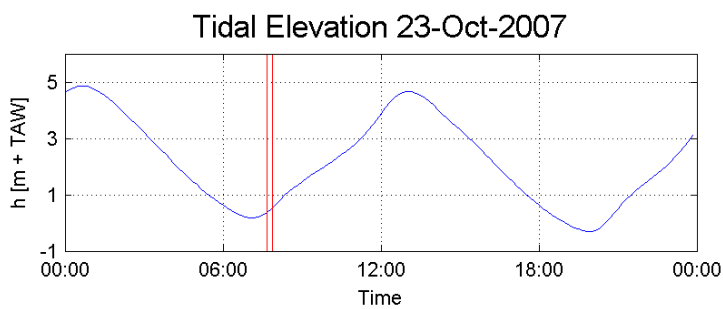
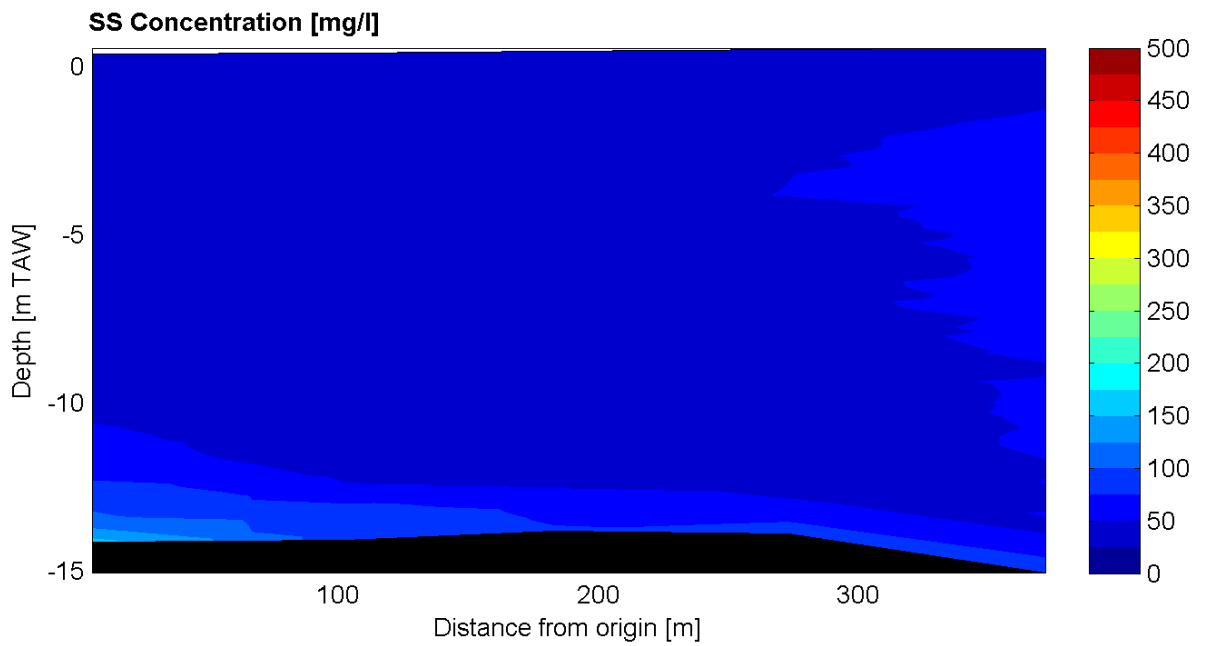
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1006Ya.sil - 1010Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
07:39 - 07:52
 Time after HW [HH:MM]
-5:14

Data Processed by:



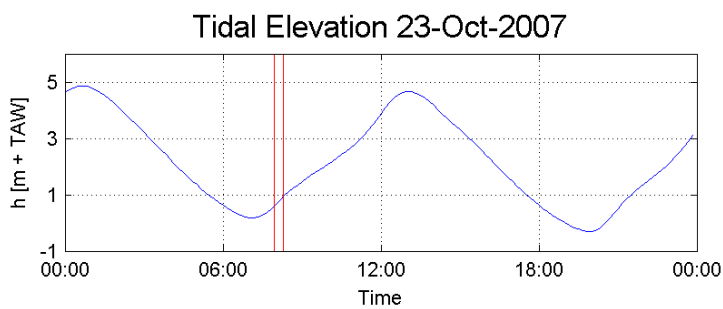
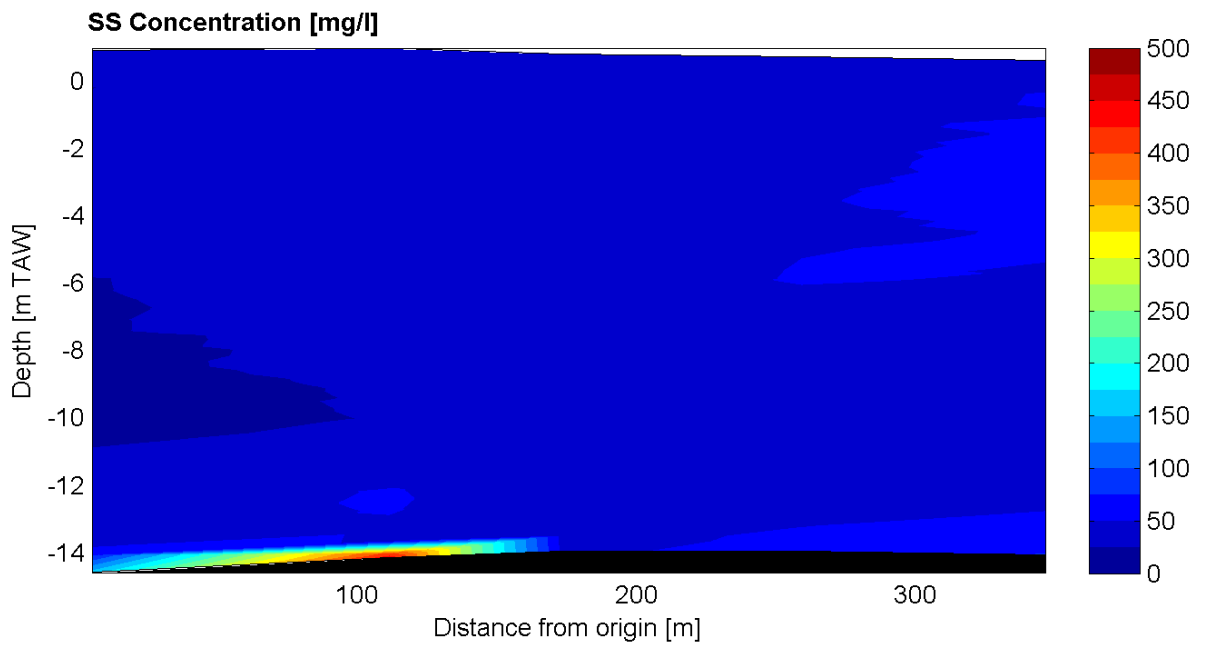
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1015Za.sil - 1011Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
08:17 - 07:57
 Time after HW [HH:MM]
-4:52

Data Processed by:



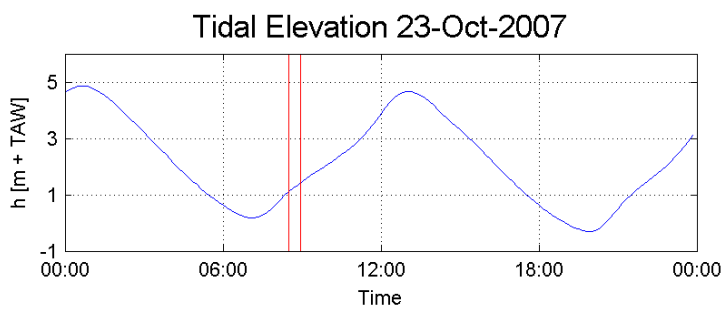
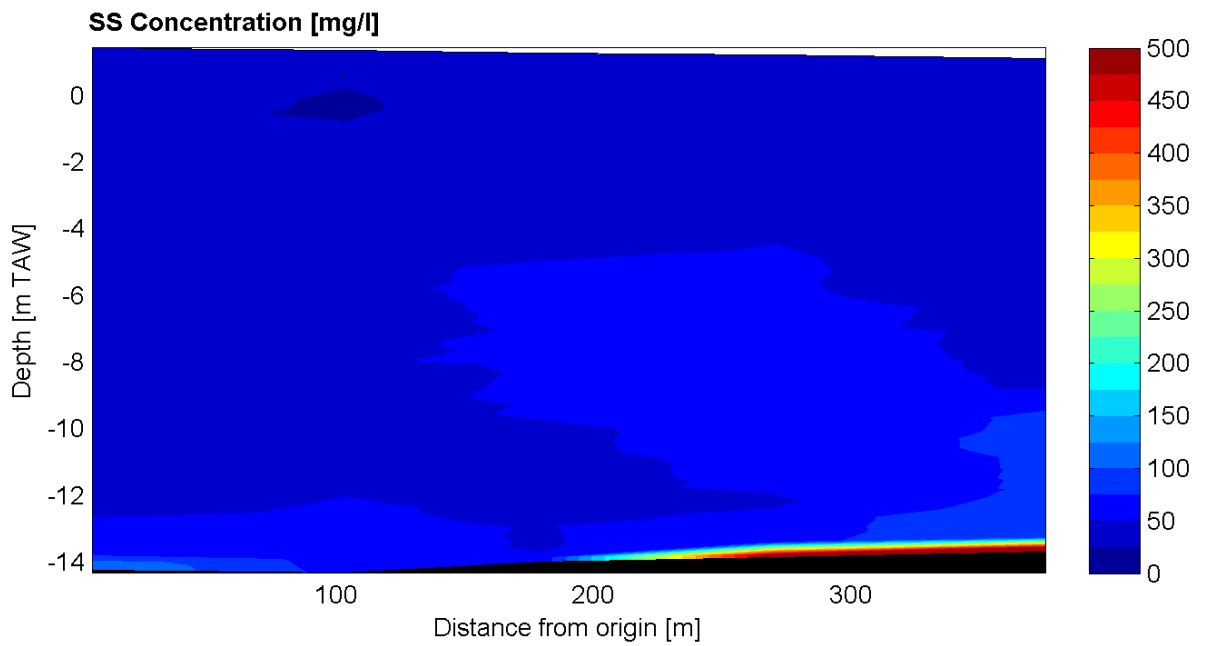
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1020Xa.sil - 1016Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
08:56 - 08:30
 Time after HW [HH:MM]
-4:16

Data Processed by:

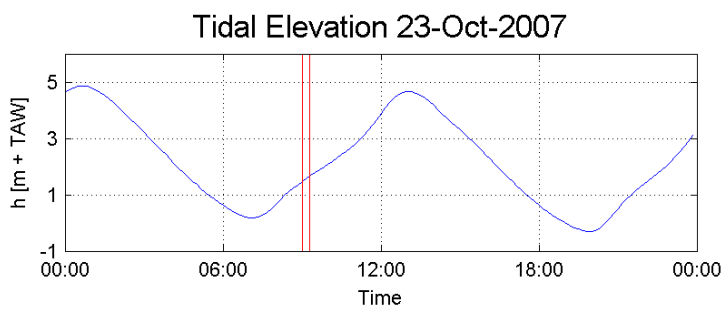
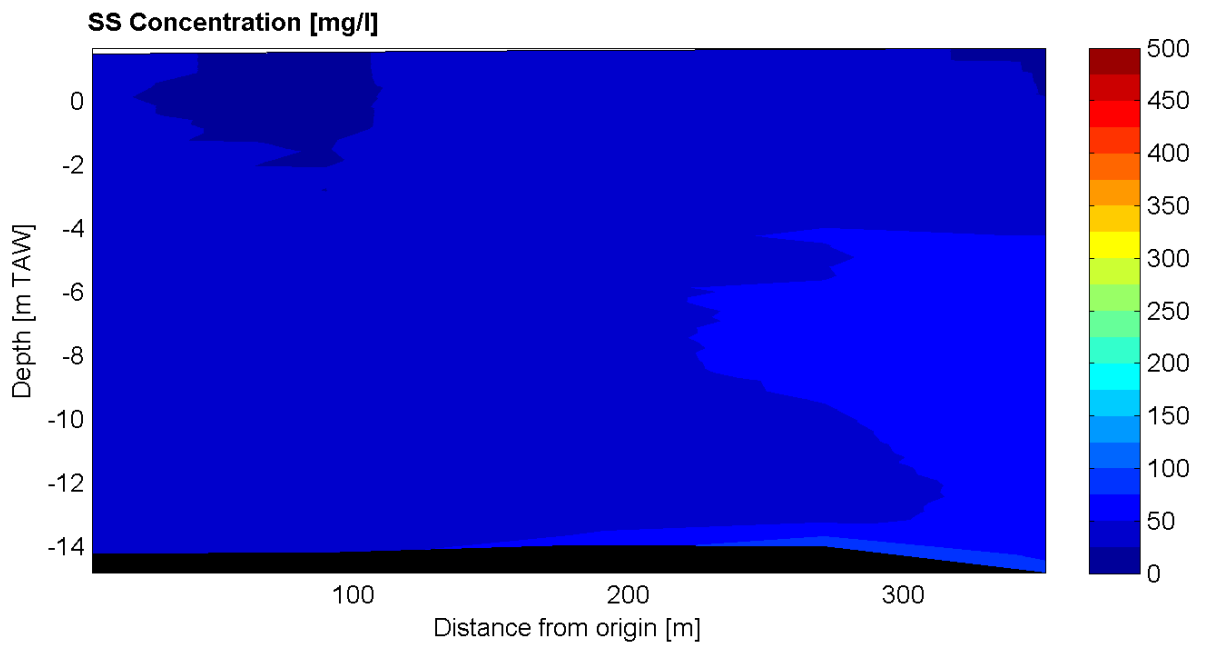


In association with :

I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1021Ya.sil - 1025Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
09:01 - 09:18
 Time after HW [HH:MM]
-3:50

Data Processed by:



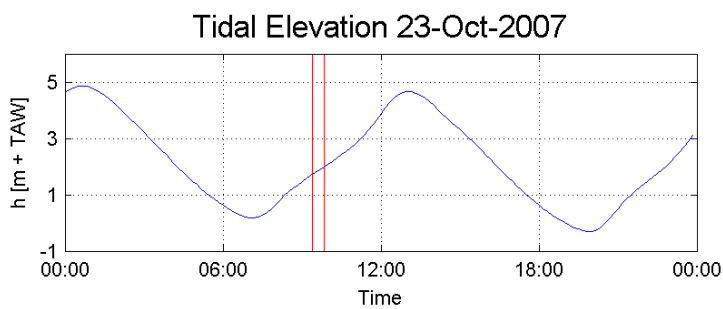
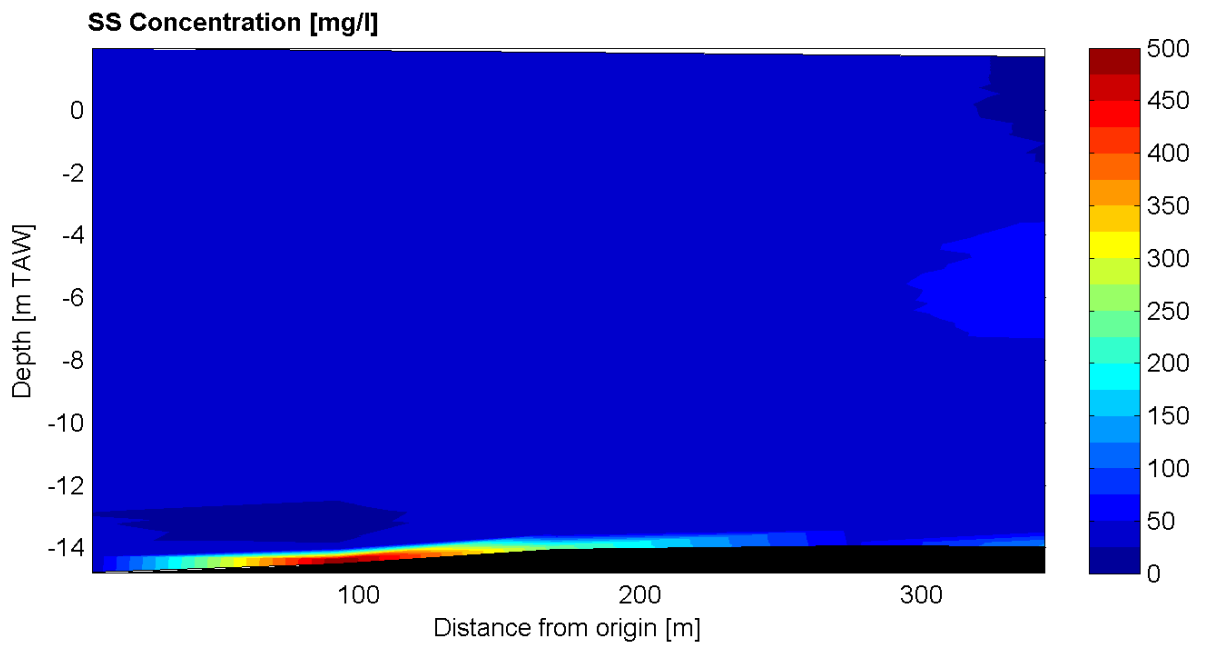
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1030Za.sil - 1026Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
09:50 - 09:23
 Time after HW [HH:MM]
-3:23

Data Processed by:



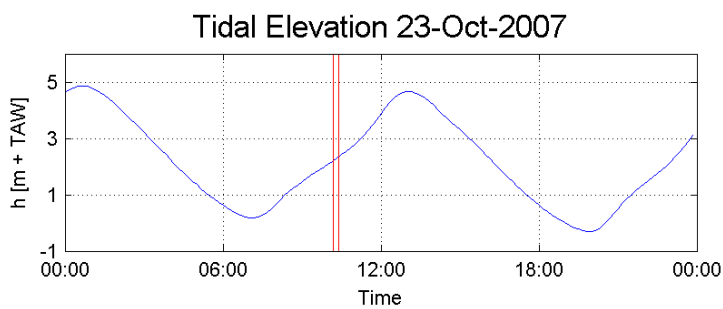
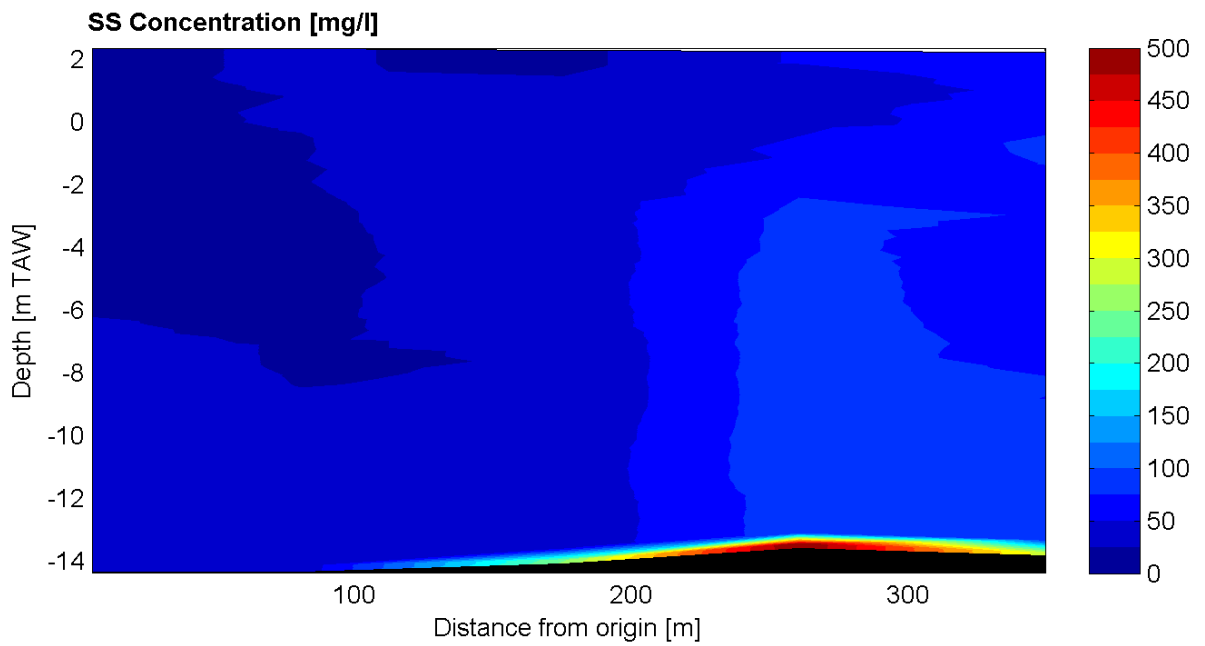
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1036Xa.sil - 1032Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
10:23 - 10:12
 Time after HW [HH:MM]
-2:42

Data Processed by:

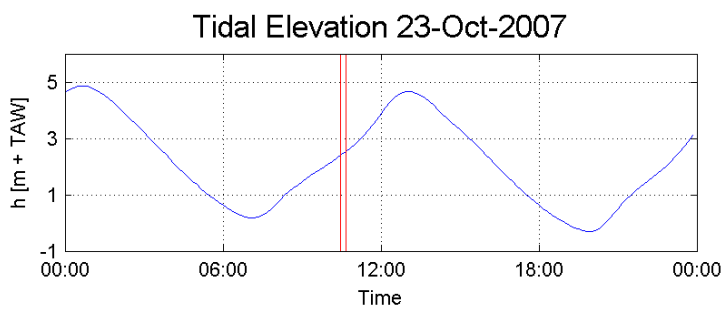
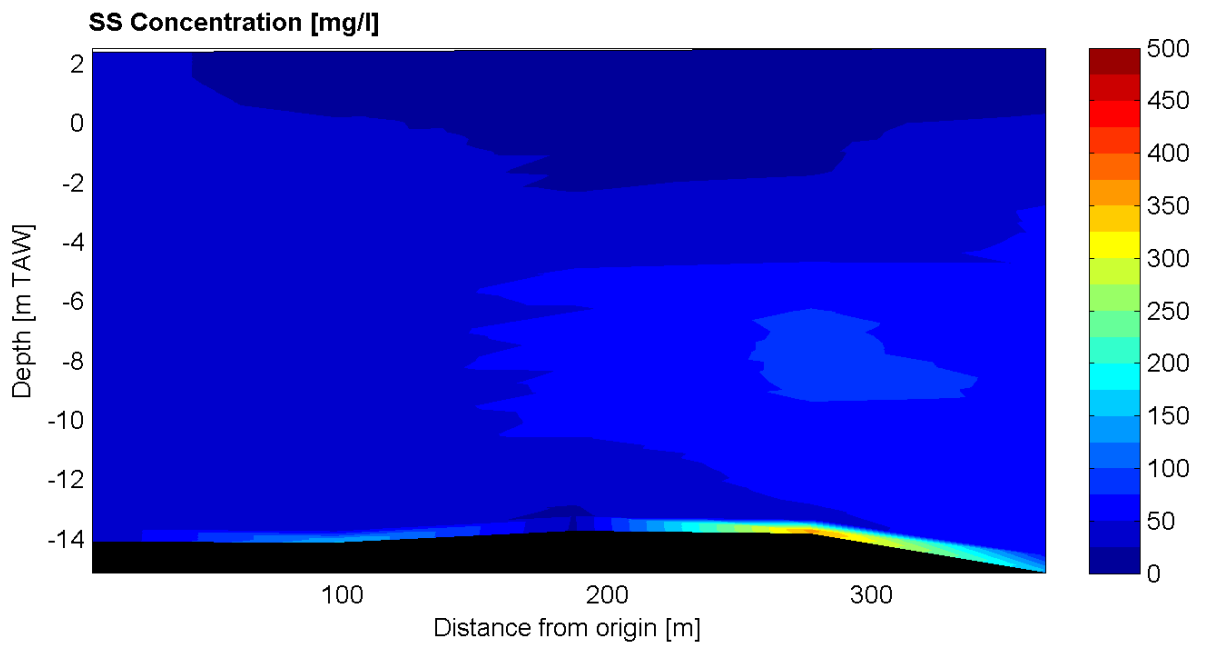


In association with :

I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1037Ya.sil - 1041Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
10:27 - 10:40
 Time after HW [HH:MM]
-2:26

Data Processed by:



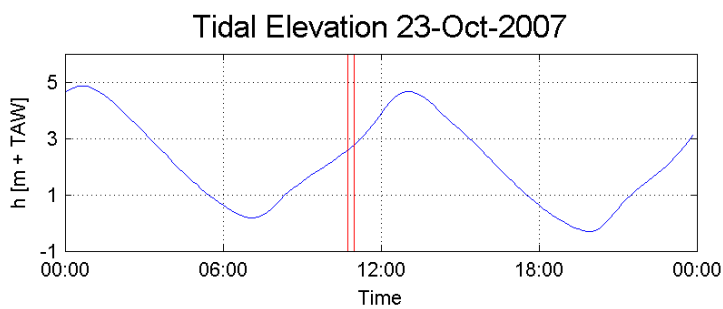
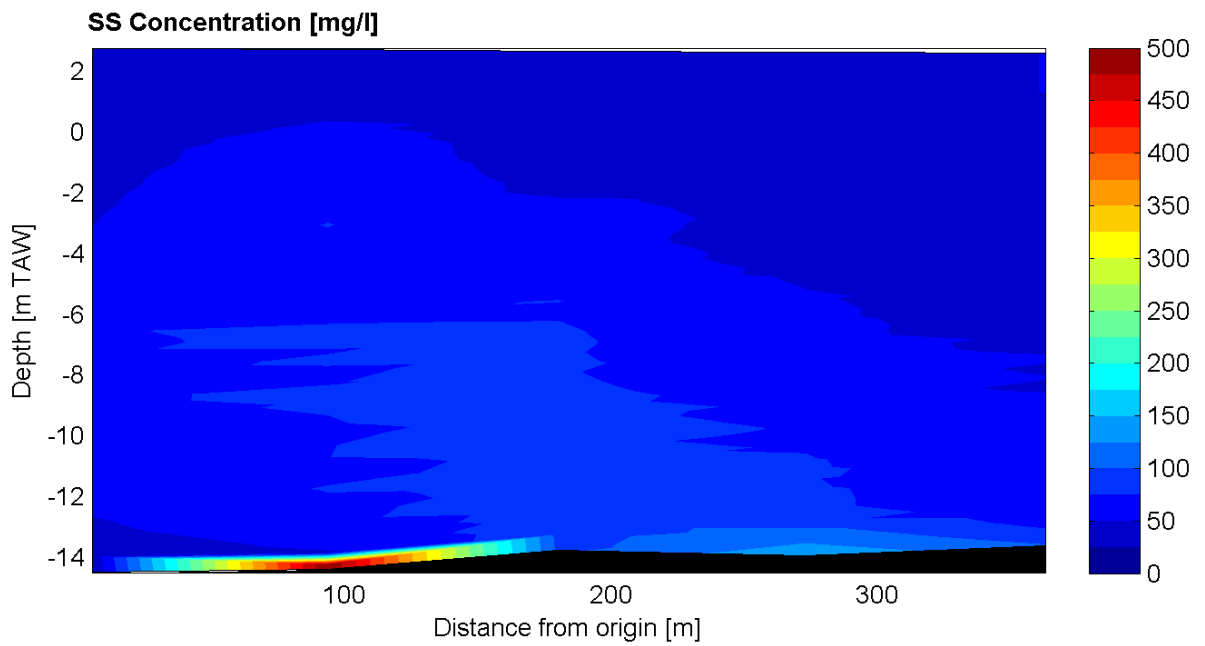
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1046Za.sil - 1042Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
10:58 - 10:45
 Time after HW [HH:MM]
-2:08

Data Processed by:



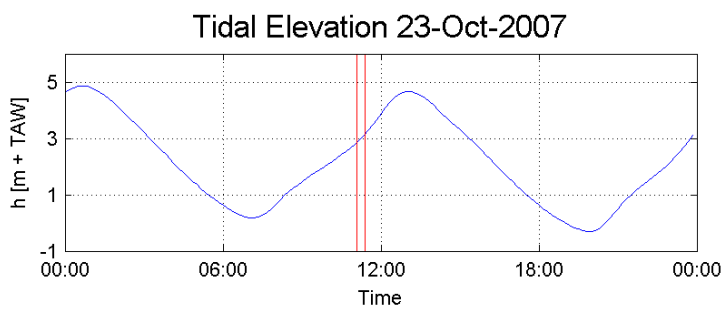
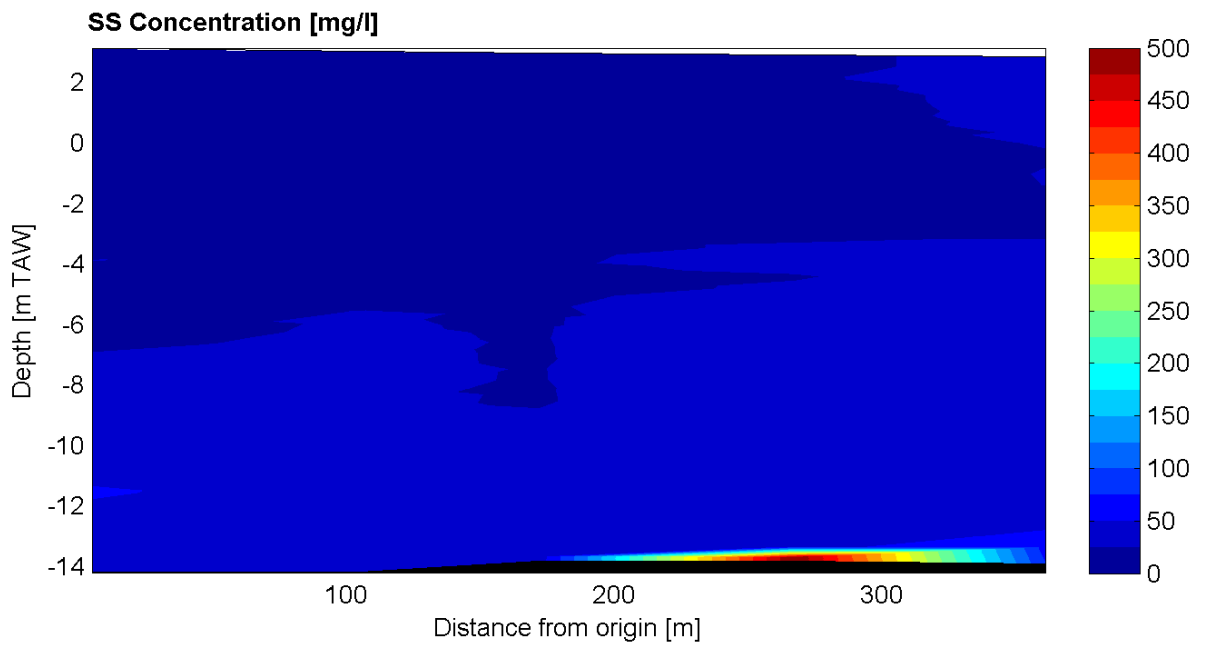
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1051Xa.sil - 1047Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
11:22 - 11:04
 Time after HW [HH:MM]
-1:46

Data Processed by:

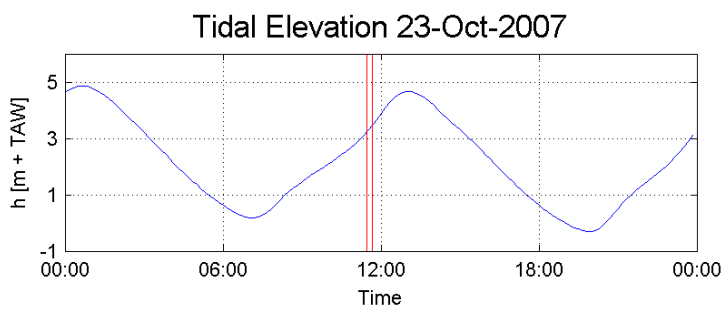
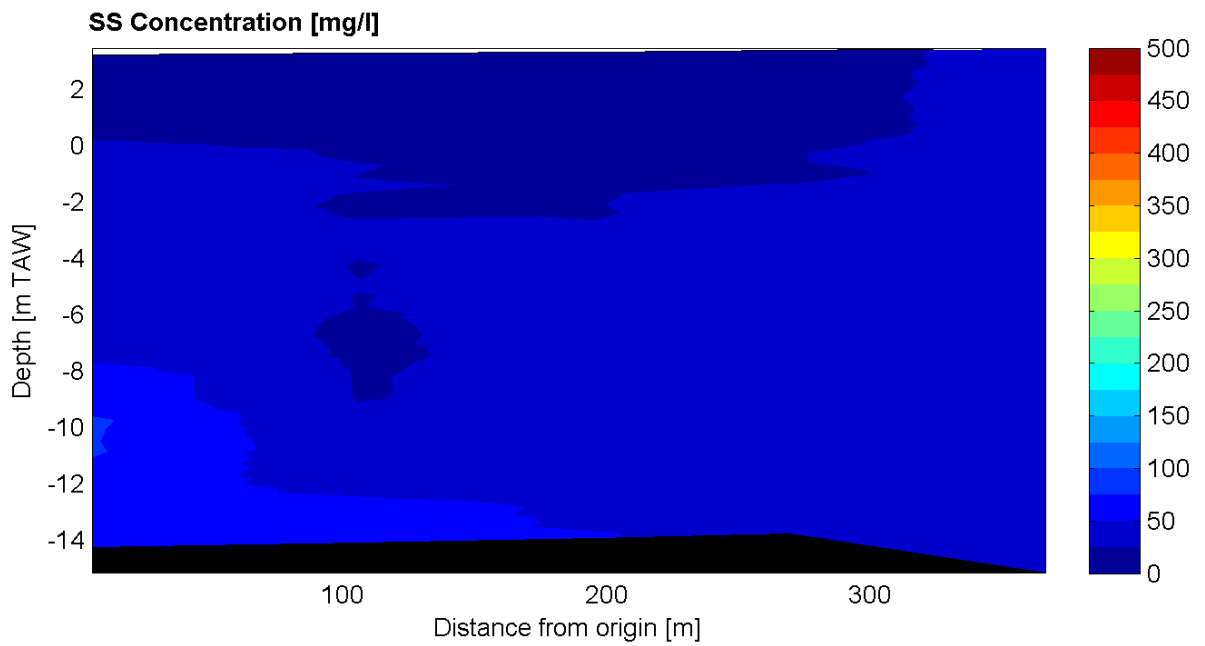


In association with :

I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1052Ya.sil - 1056Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
11:27 - 11:40
 Time after HW [HH:MM]
-1:25

Data Processed by:



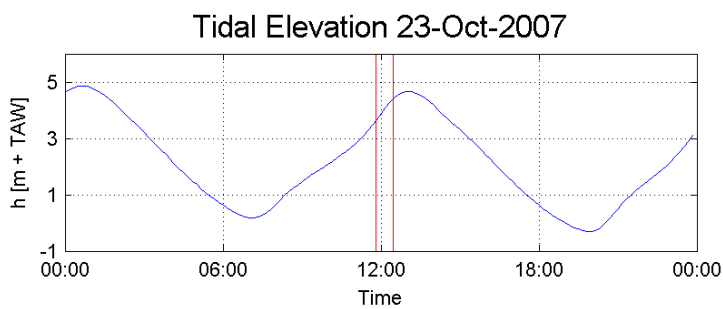
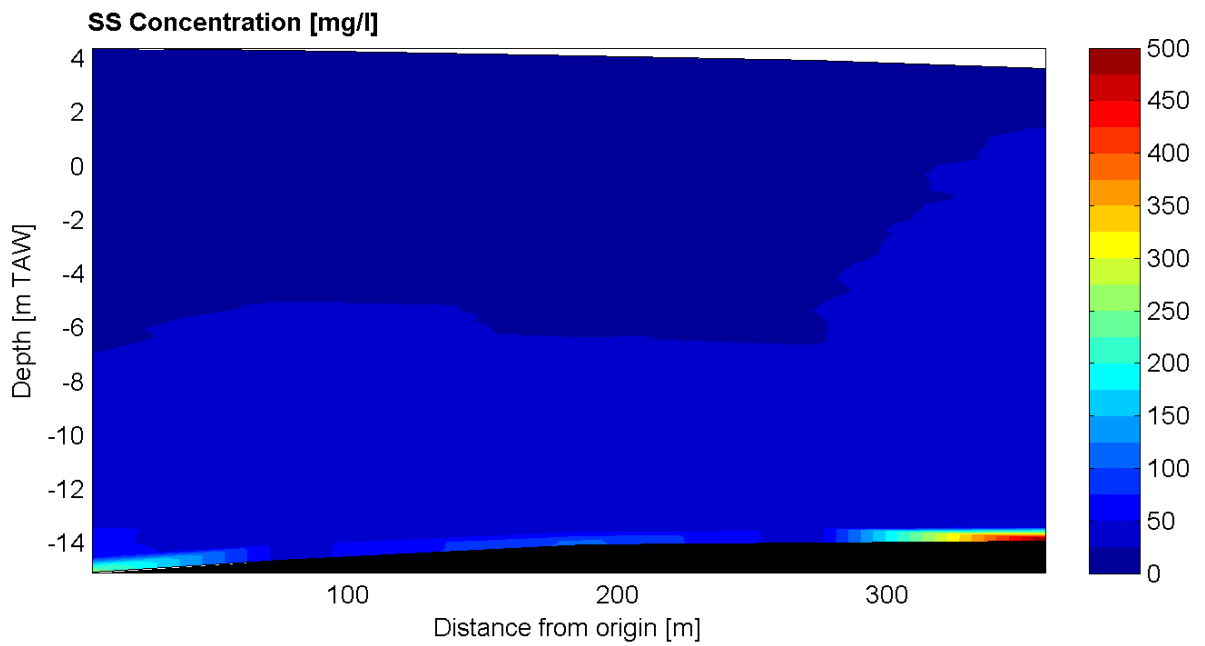
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1061Za.sil - 1057Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
 23-Oct-2007
 12:27 - 11:48
 Time after HW [HH:MM]
 -0:51

Data Processed by:



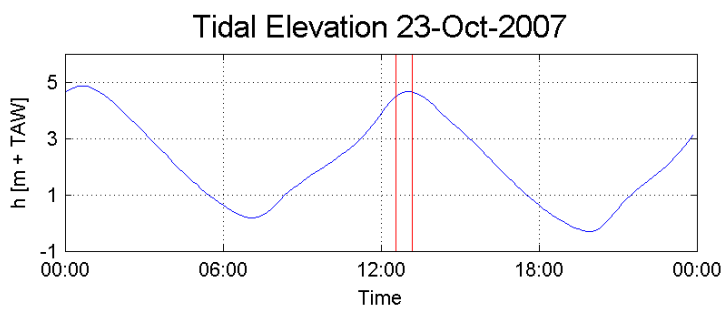
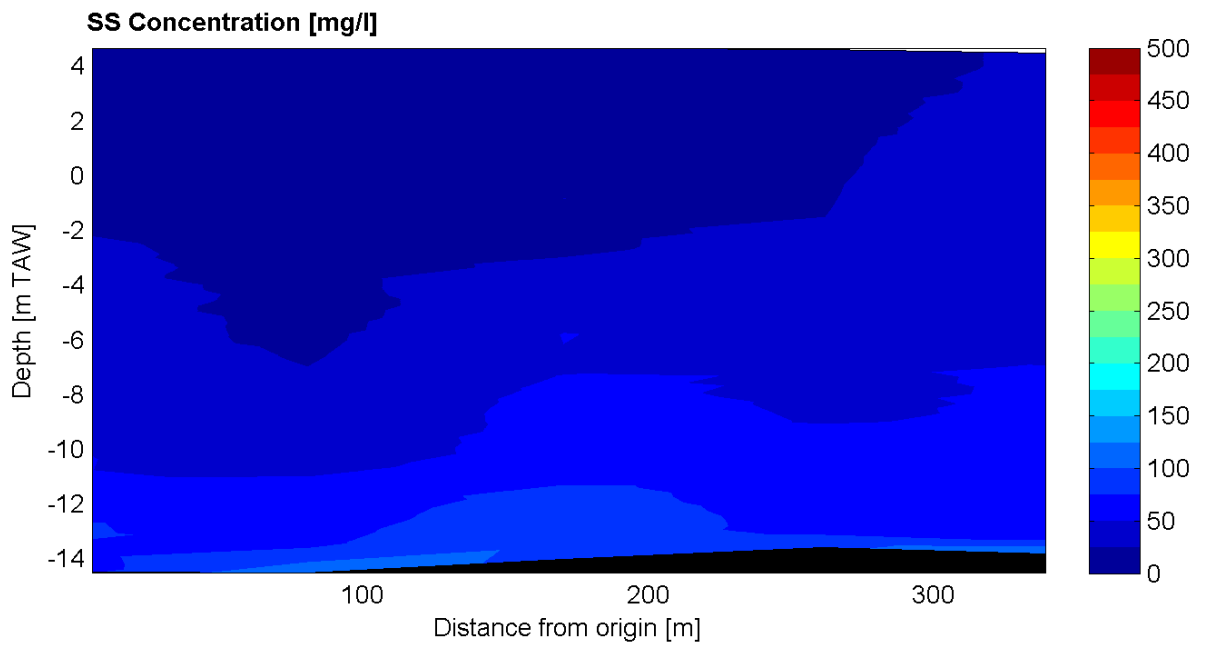
In association with:



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1068Xa.sil - 1062Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
13:10 - 12:34
 Time after HW [HH:MM]
-0:07

Data Processed by:



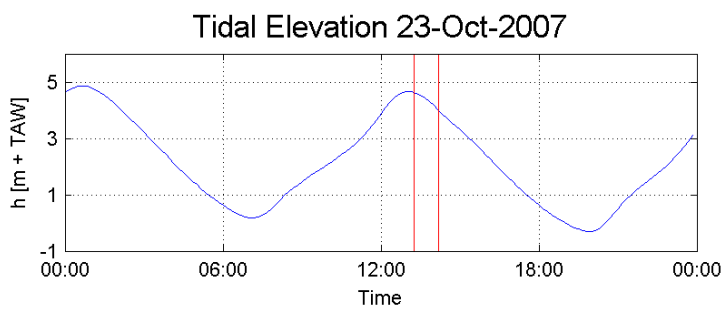
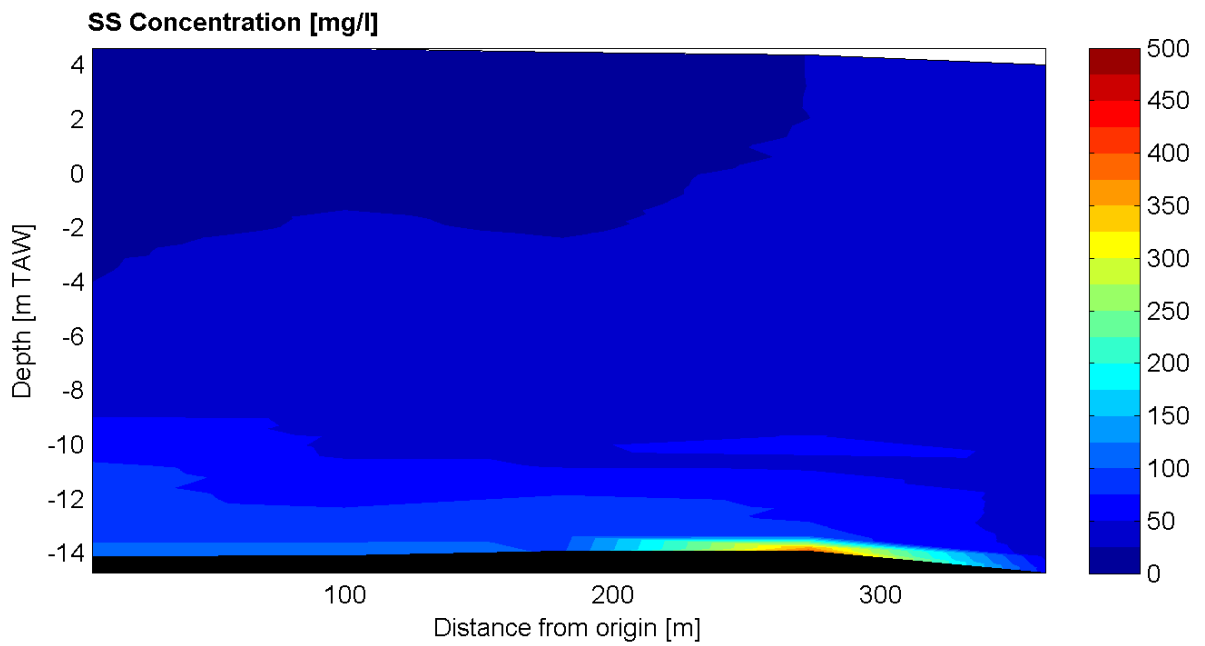
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1069Ya.sil - 1074Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
13:16 - 14:11
 Time after HW [HH:MM]
0:43

Data Processed by:



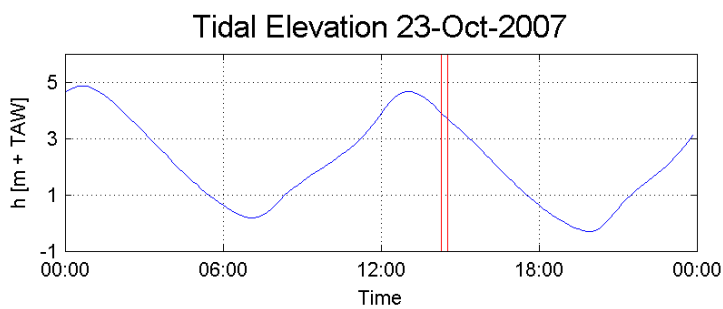
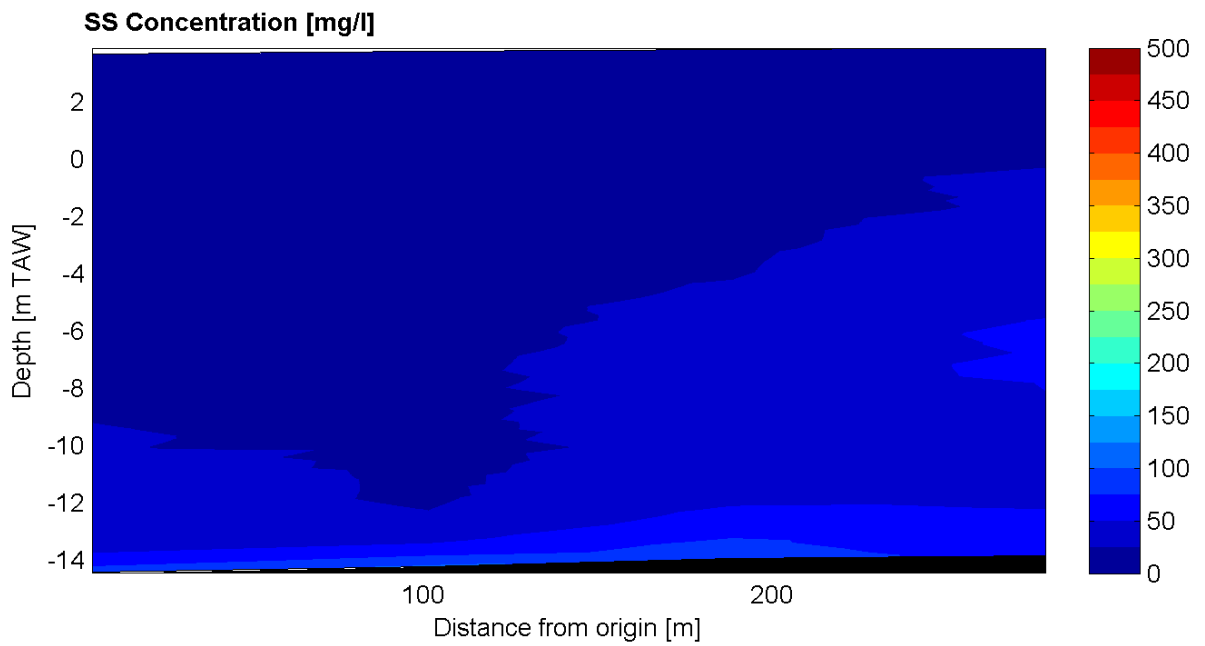
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1079Za.sil - 1076Zd.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
14:31 - 14:18
 Time after HW [HH:MM]
1:25

Data Processed by:

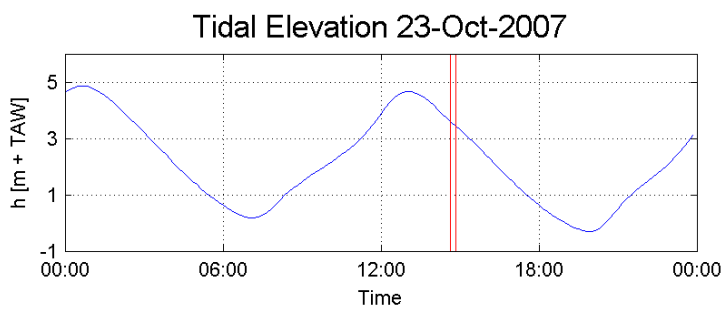
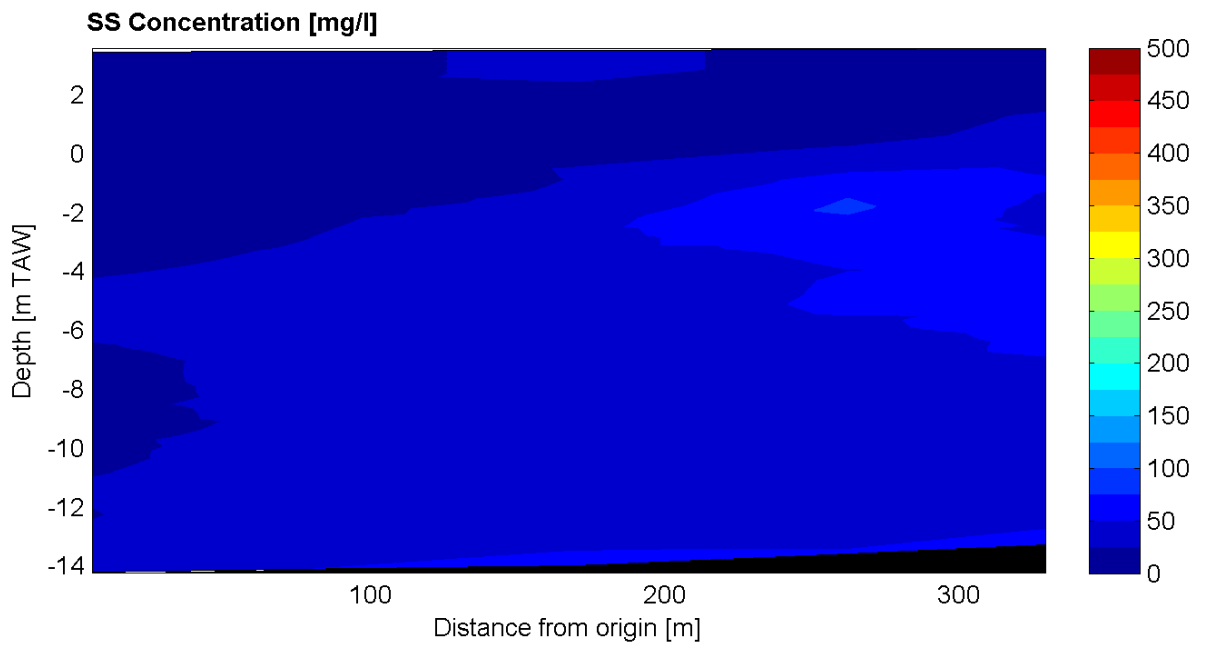


In association with :

I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1084Xa.sil - 1080Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
14:50 - 14:39
 Time after HW [HH:MM]
1:44

Data Processed by:



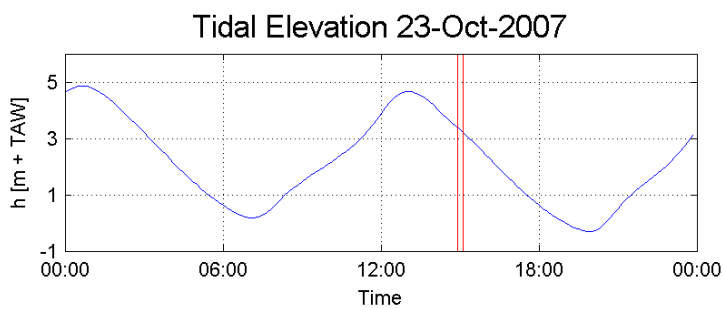
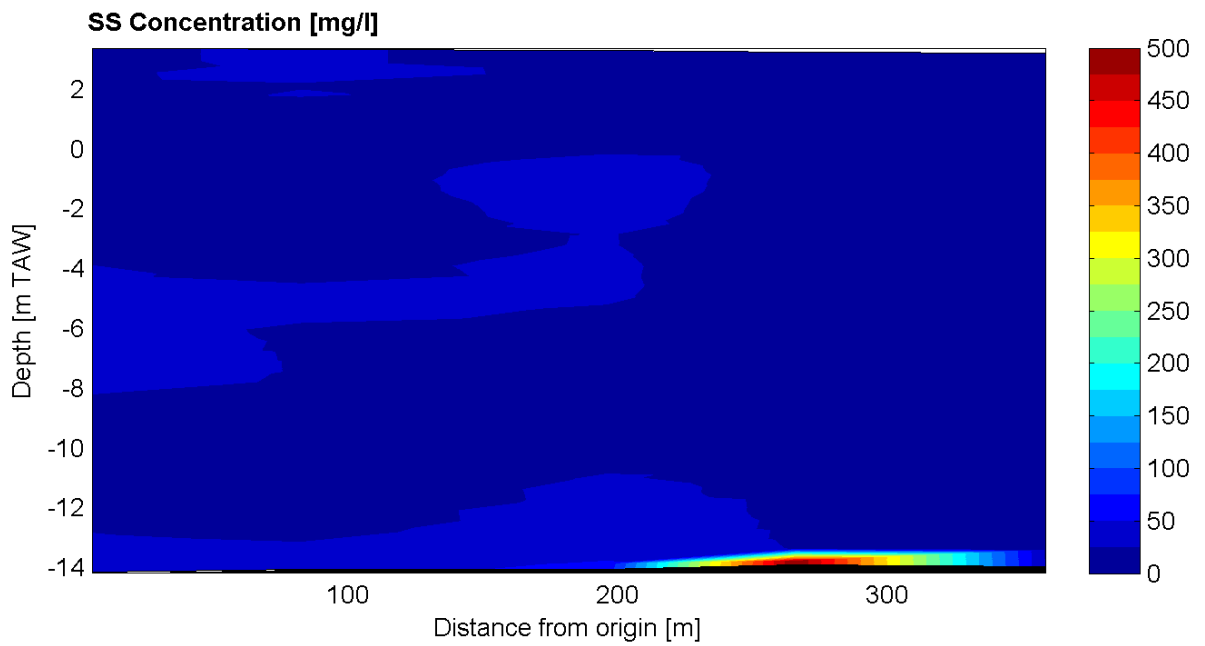
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1085Ya.sil - 1089Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
14:54 - 15:07
 Time after HW [HH:MM]
2:00

Data Processed by:



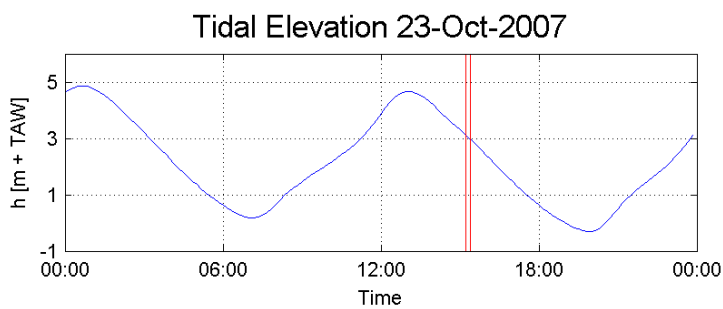
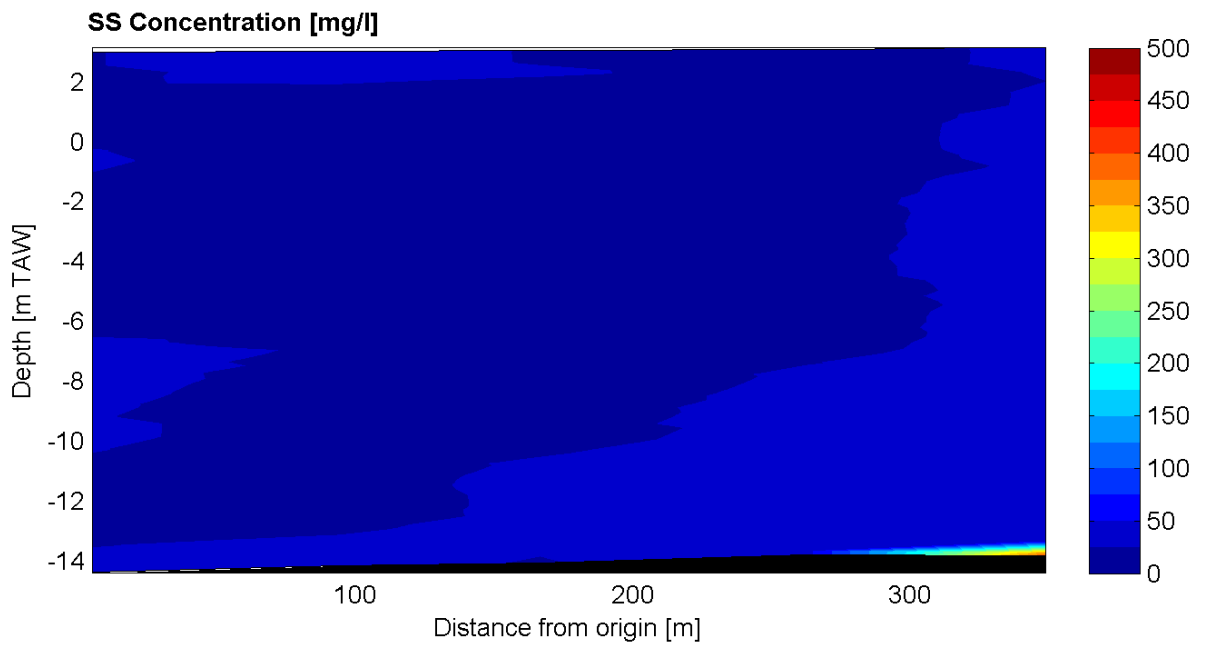
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1094Za.sil - 1090Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
15:23 - 15:12
 Time after HW [HH:MM]
2:17

Data Processed by:

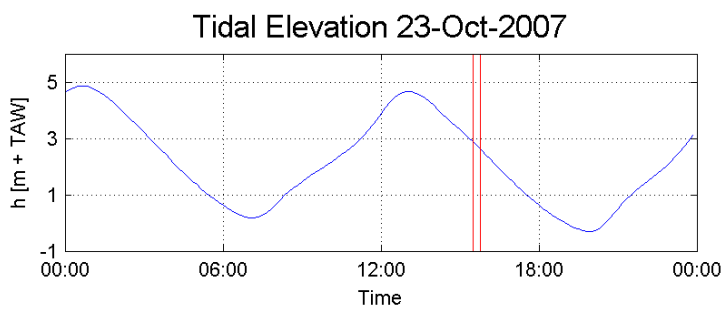
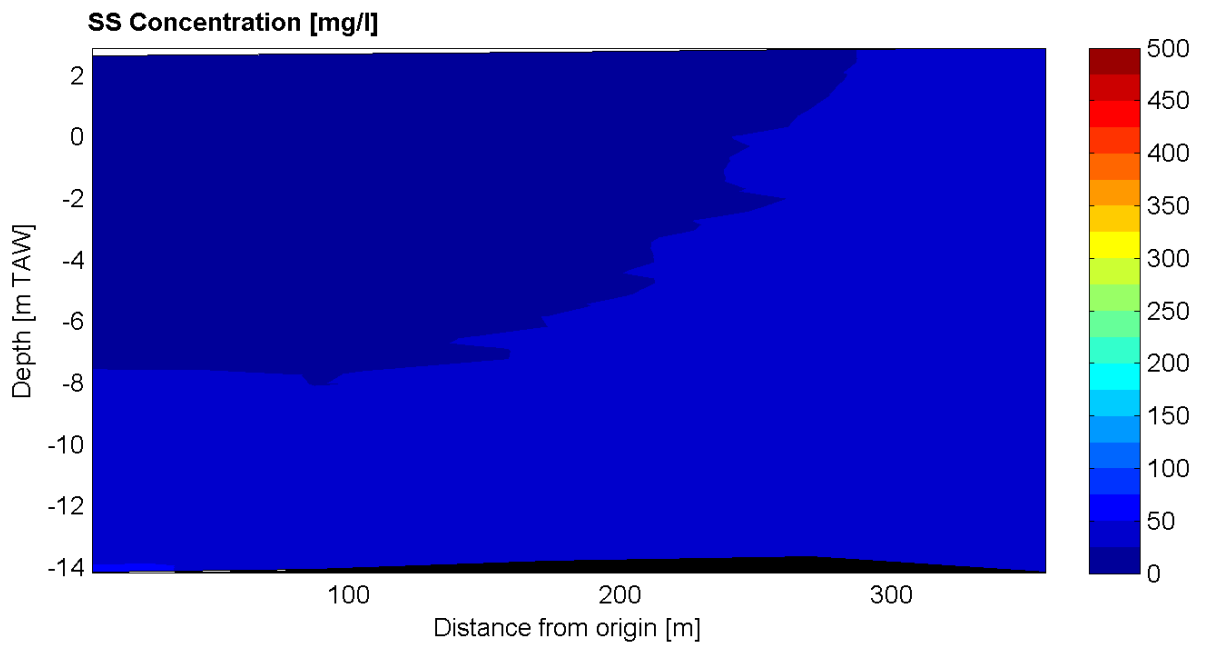


In association with :

I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1099Xa.sil - 1095Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
13:00: h = 4.66 m+TAW
07:00: h = 0.18 m+TAW

Date / Time [MET] :

23-Oct-2007

15:45 - 15:29

Time after HW [HH:MM]

2:37

Data Processed by:

IMDC

In association with :

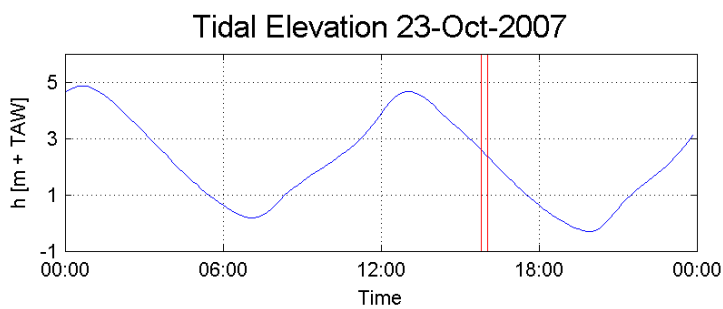
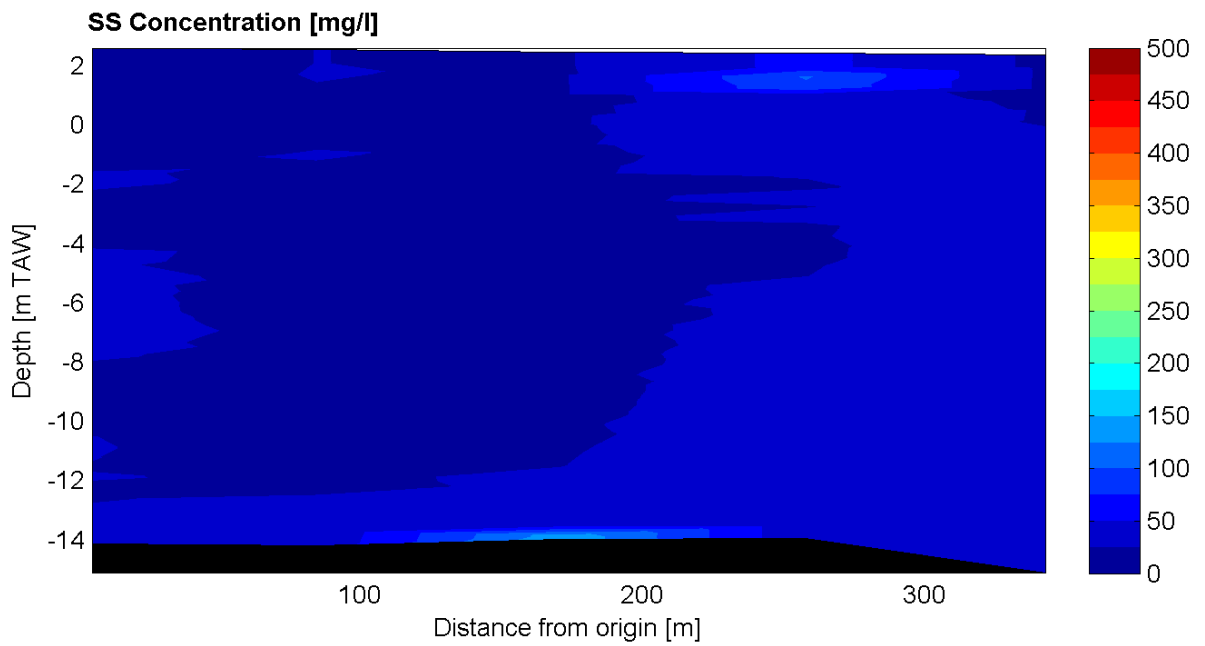
W. J. Delft hydraulics

GEMS
International

I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1100Ya.sil - 1104Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
15:48 - 16:02
 Time after HW [HH:MM]
2:55

Data Processed by:



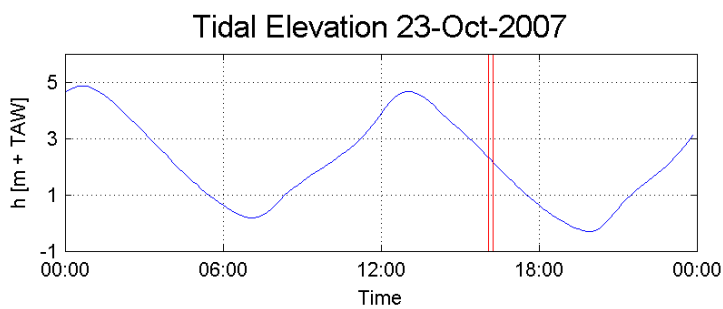
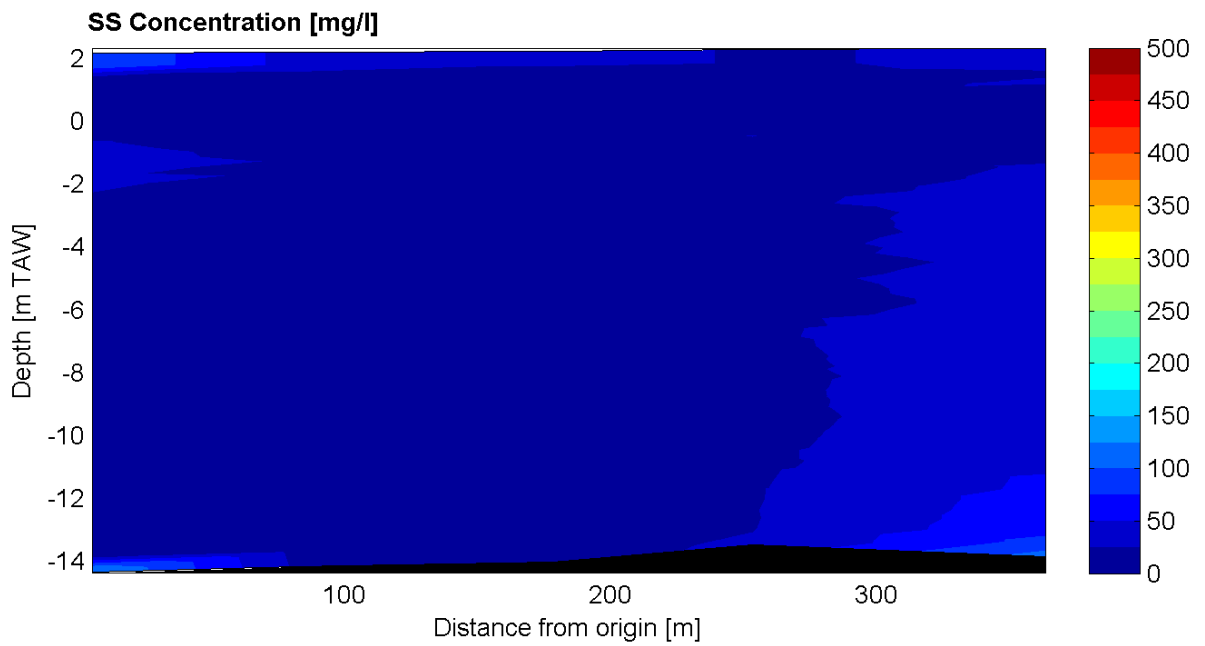
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1109Za.sil - 1105Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :

23-Oct-2007

16:15 - 16:04

Time after HW [HH:MM]

3:10

Data Processed by:

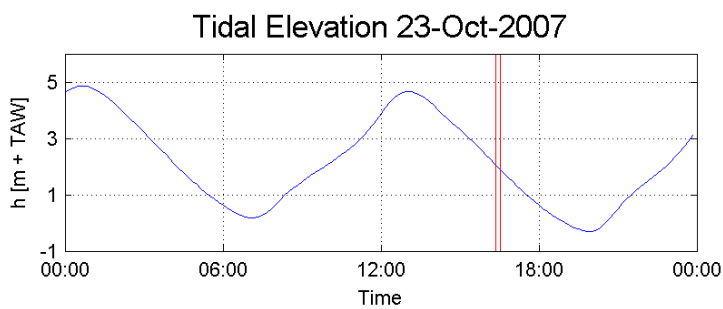
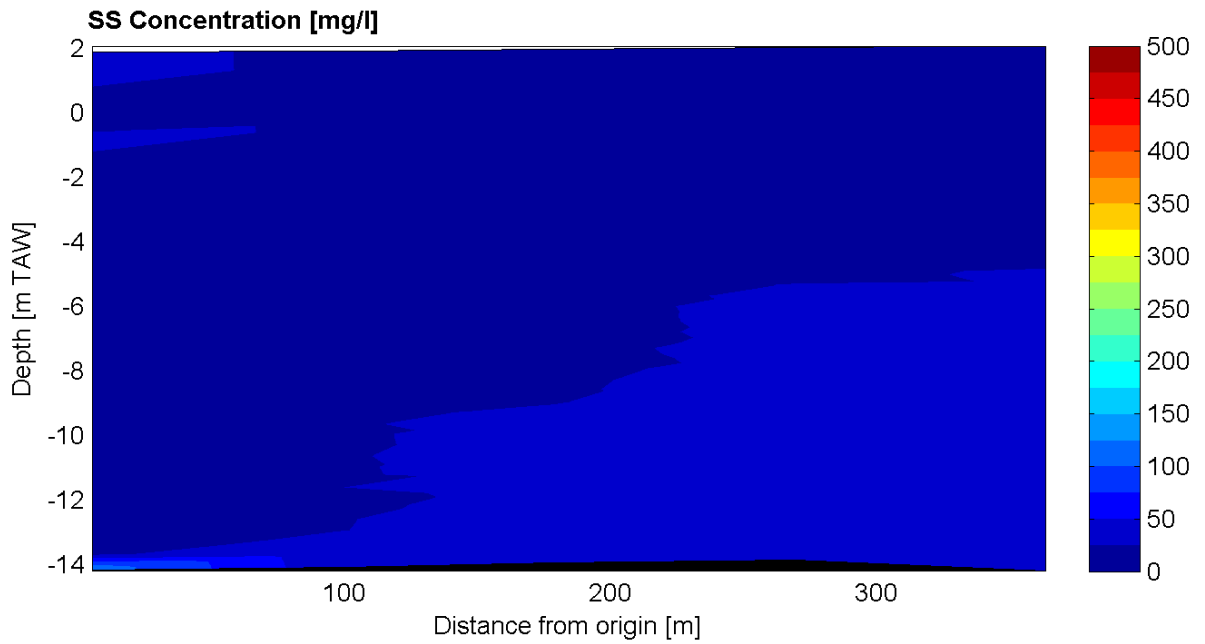


In association with :

I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1114Xa.sil - 1110Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
13:00: h = 4.66 m+TAW
07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
16:32 - 16:21
Time after HW [HH:MM]
3:26

Data Processed by:



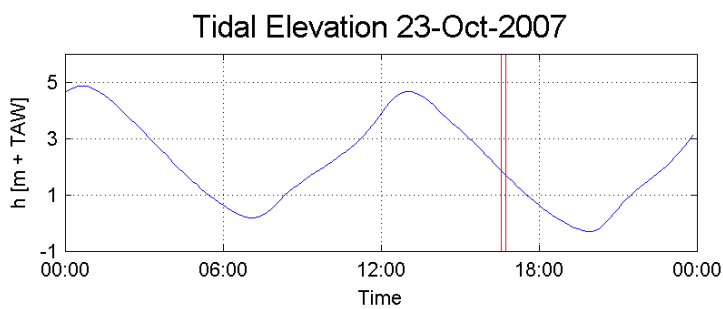
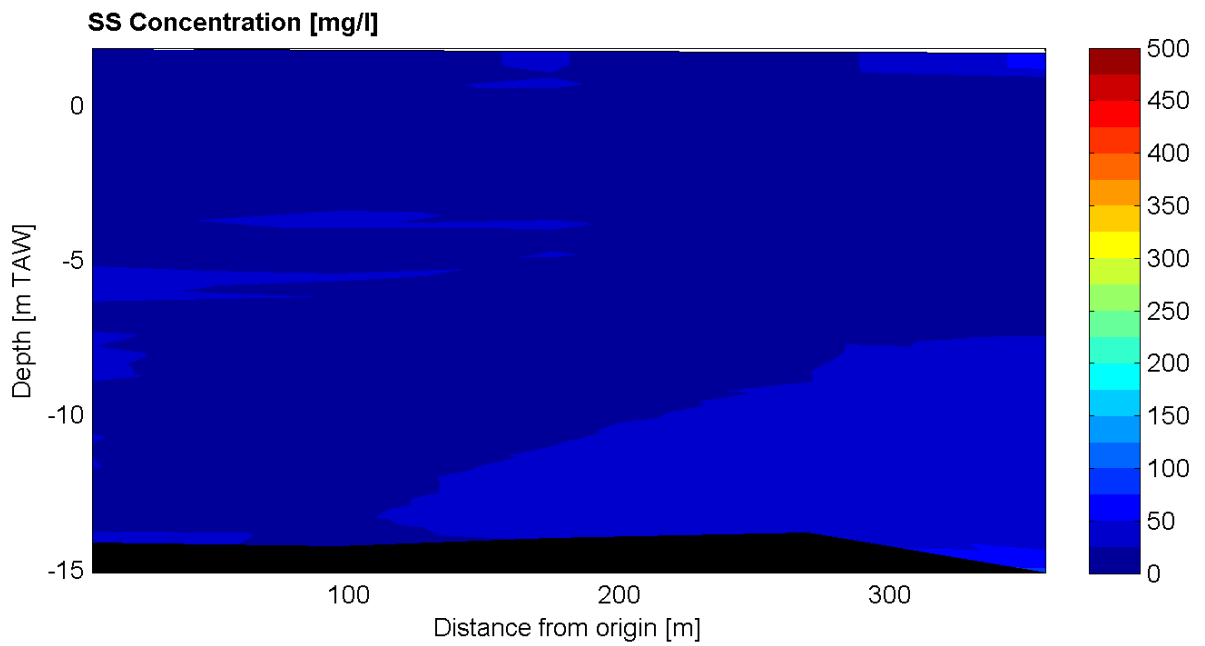
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1115Ya.sil - 1119Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
13:00: h = 4.66 m+TAW
07:00: h = 0.18 m+TAW

Date / Time [MET] :

23-Oct-2007

16:34 - 16:45

Time after HW [HH:MM]

3:40

Data Processed by:



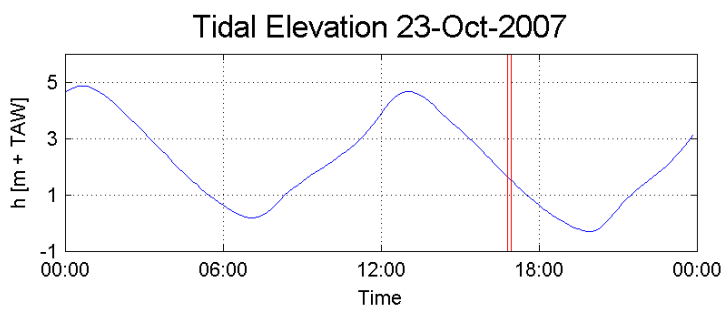
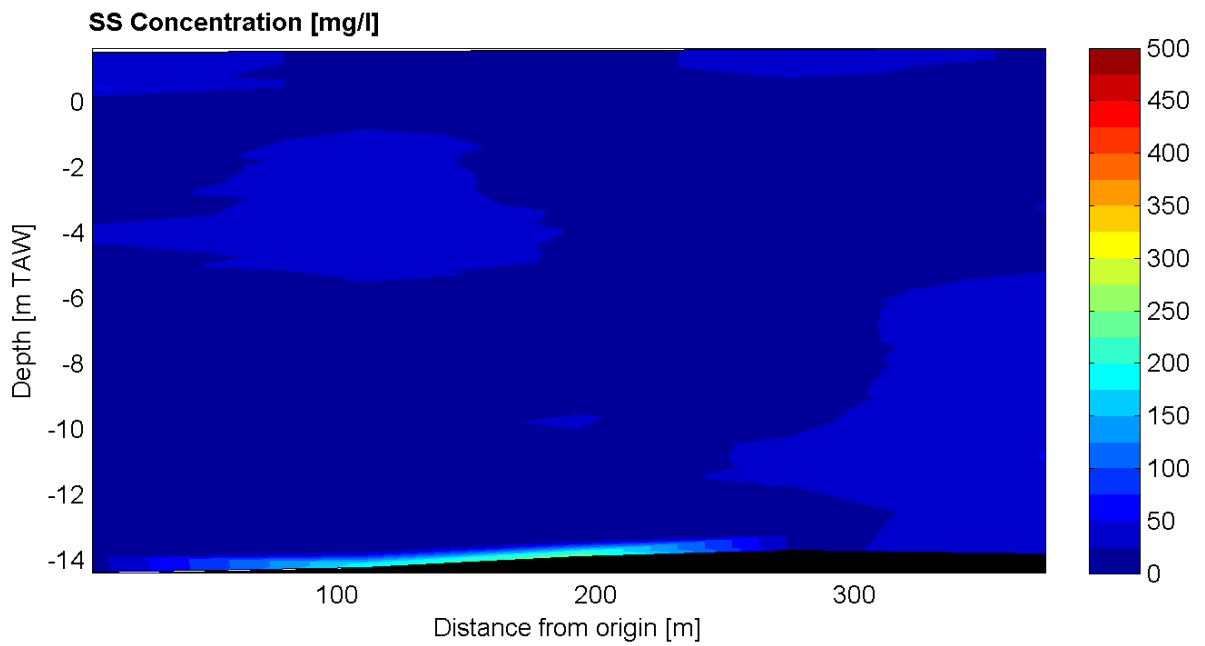
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1124Za.sil - 1120Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
16:56 - 16:48
 Time after HW [HH:MM]
3:52

Data Processed by:



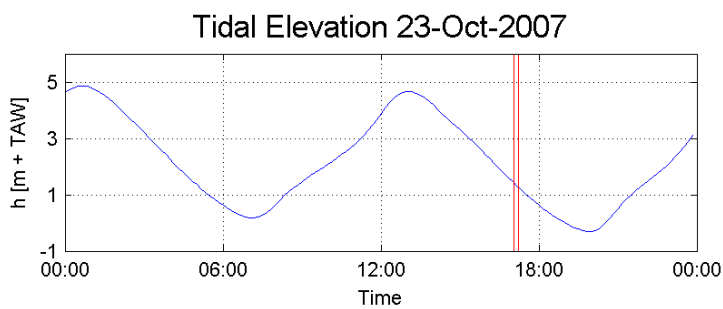
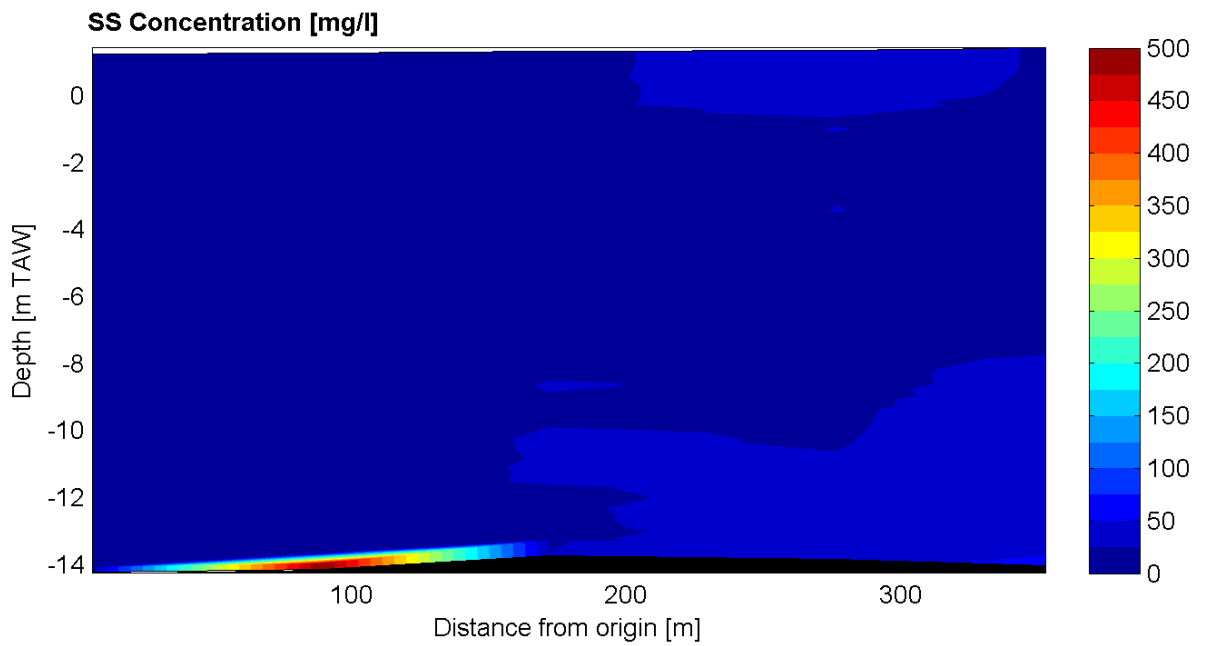
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1129Xa.sil - 1125Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
17:14 - 17:02
 Time after HW [HH:MM]
4:08

Data Processed by:



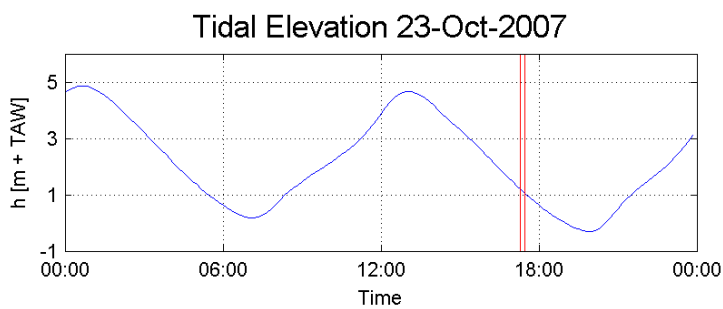
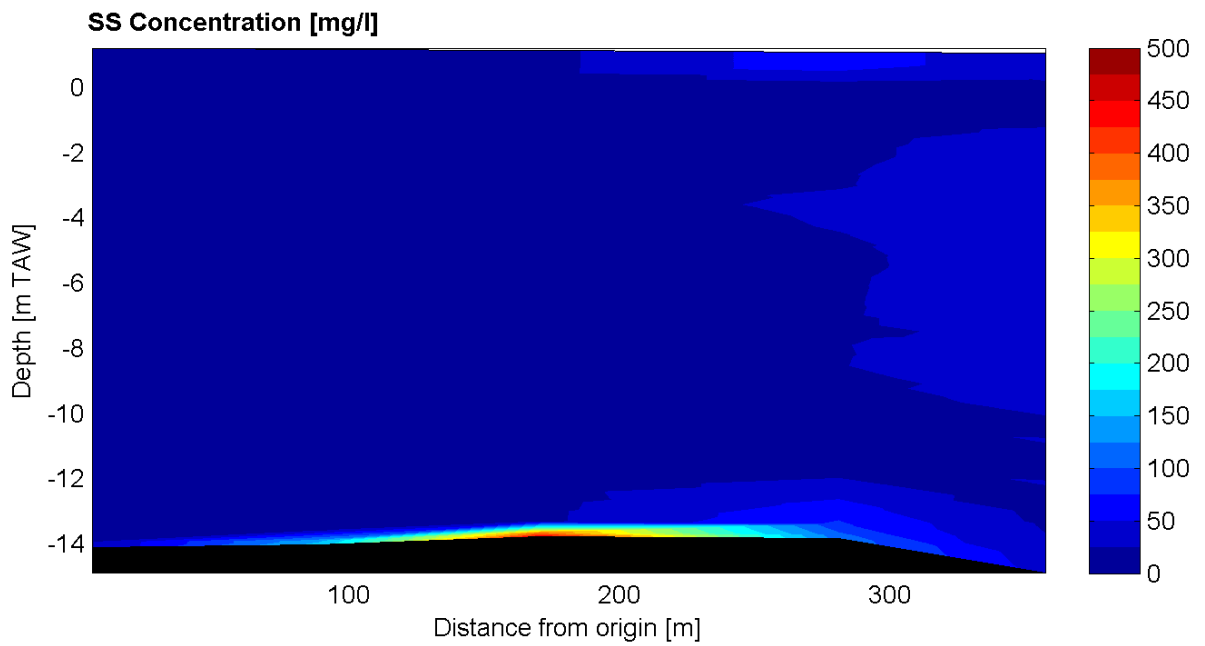
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1130Ya.sil - 1134Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
17:16 - 17:28
 Time after HW [HH:MM]
4:22

Data Processed by:



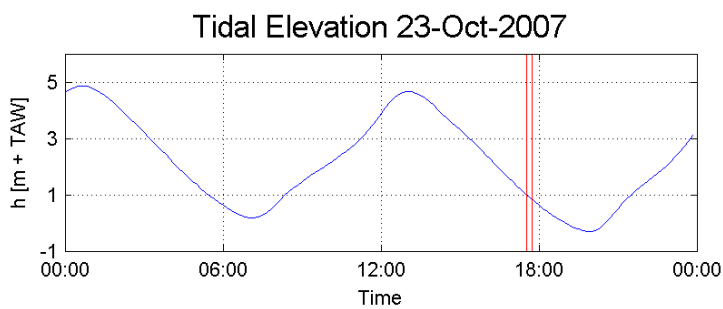
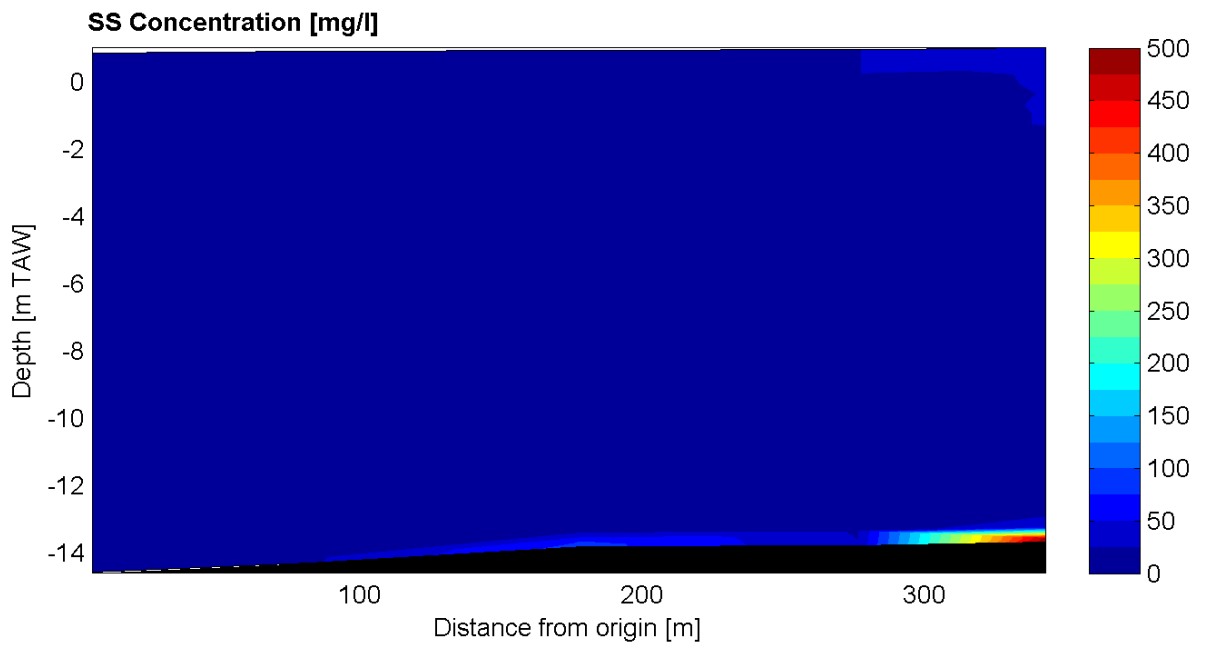
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1139Za.sil - 1135Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
13:00: h = 4.66 m+TAW
07:00: h = 0.18 m+TAW

Date / Time [MET] :

23-Oct-2007

17:43 - 17:31

Time after HW [HH:MM]

4:37

Data Processed by:



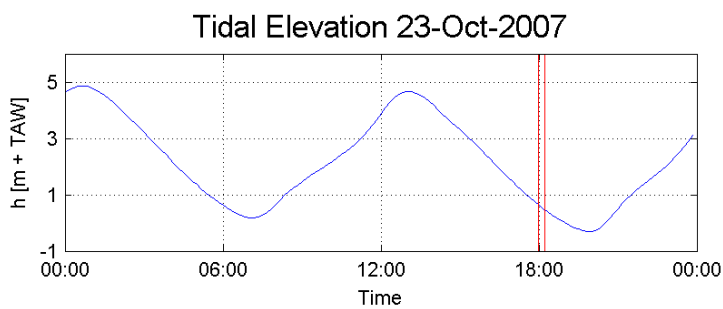
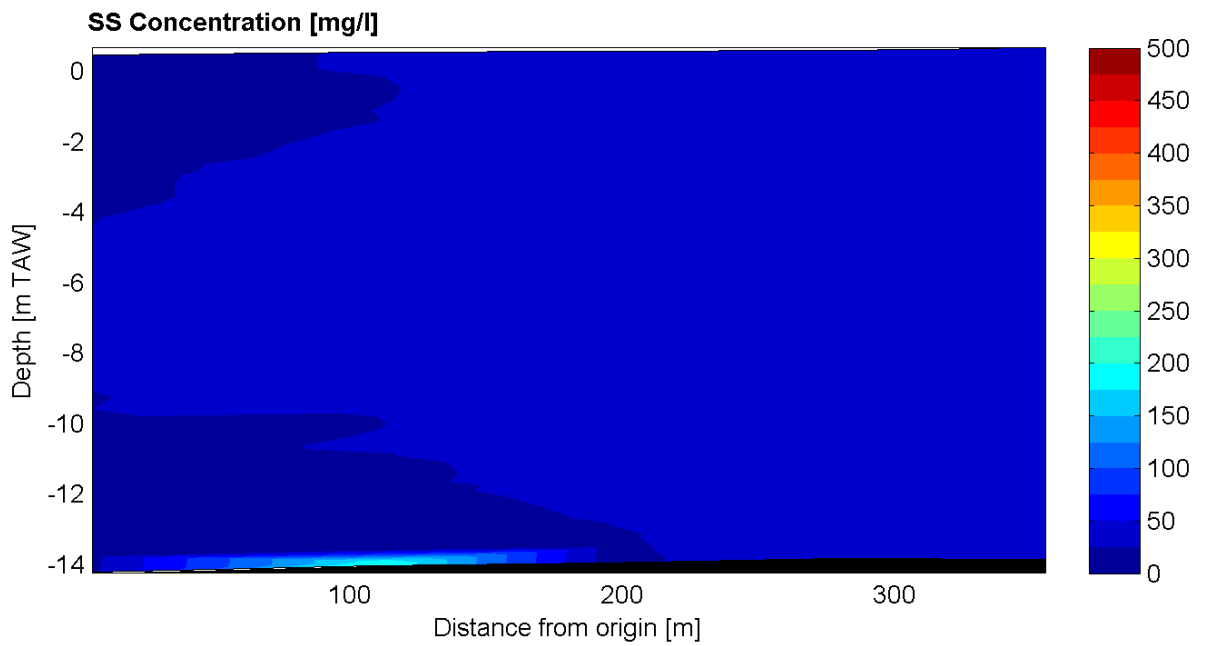
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1145Xa.sil - 1141Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
18:14 - 17:58
 Time after HW [HH:MM]
5:06

Data Processed by:



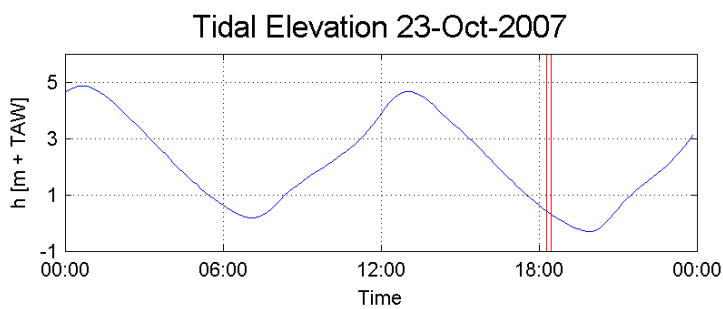
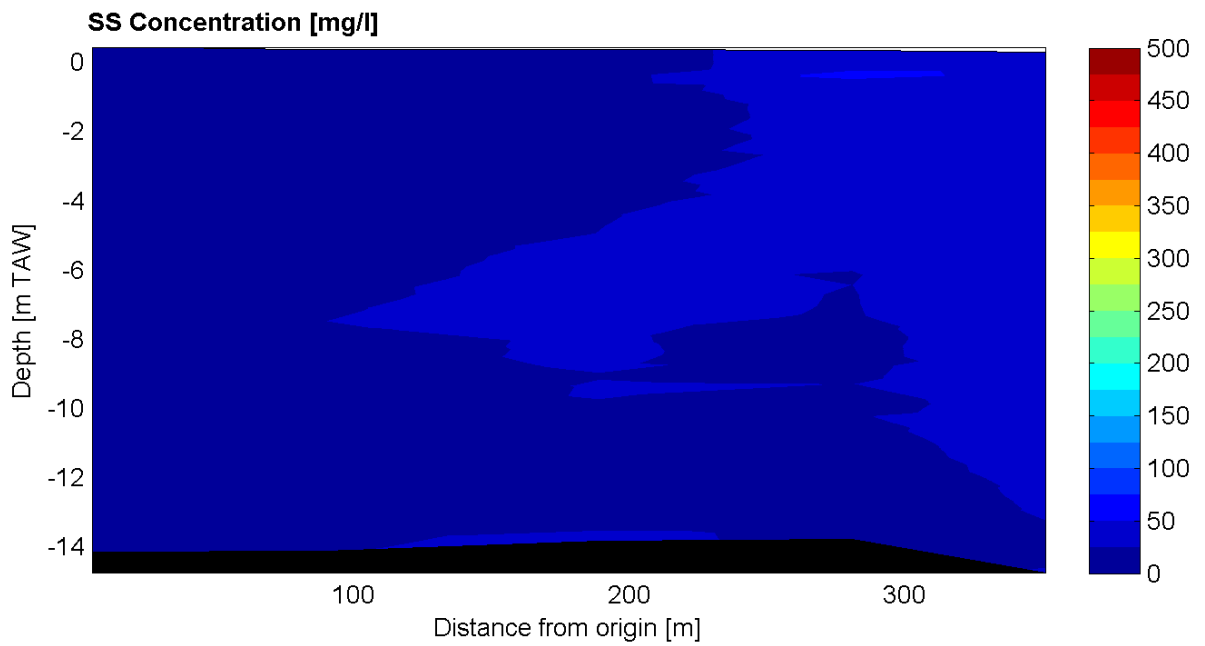
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1146Ya.sil - 1150Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
18:17 - 18:27
 Time after HW [HH:MM]
5:22

Data Processed by:



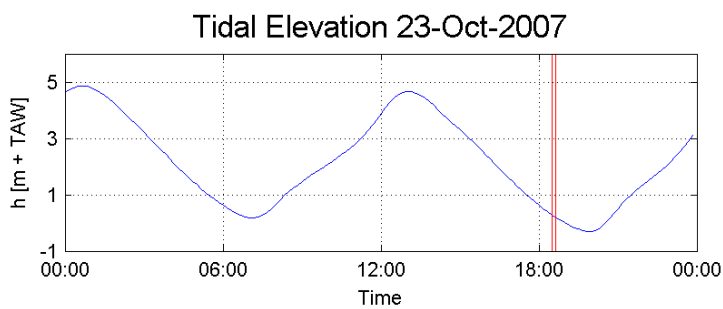
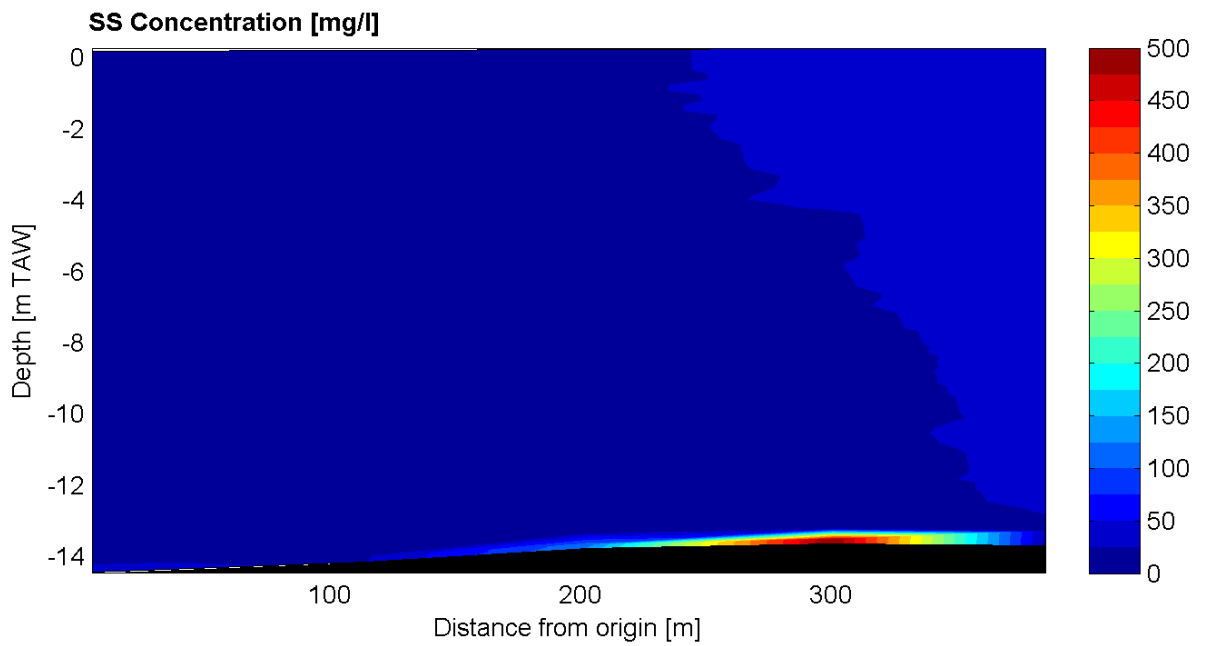
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1155Za.sil - 1151Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
18:38 - 18:30
 Time after HW [HH:MM]
5:34

Data Processed by:



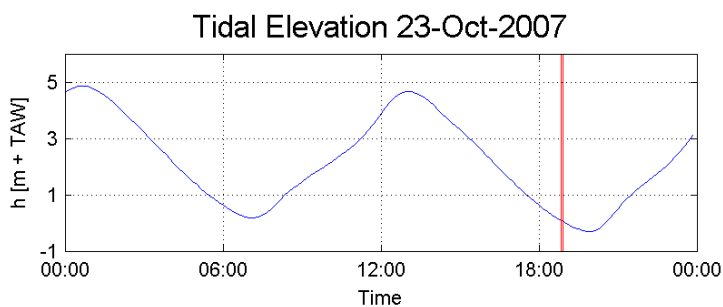
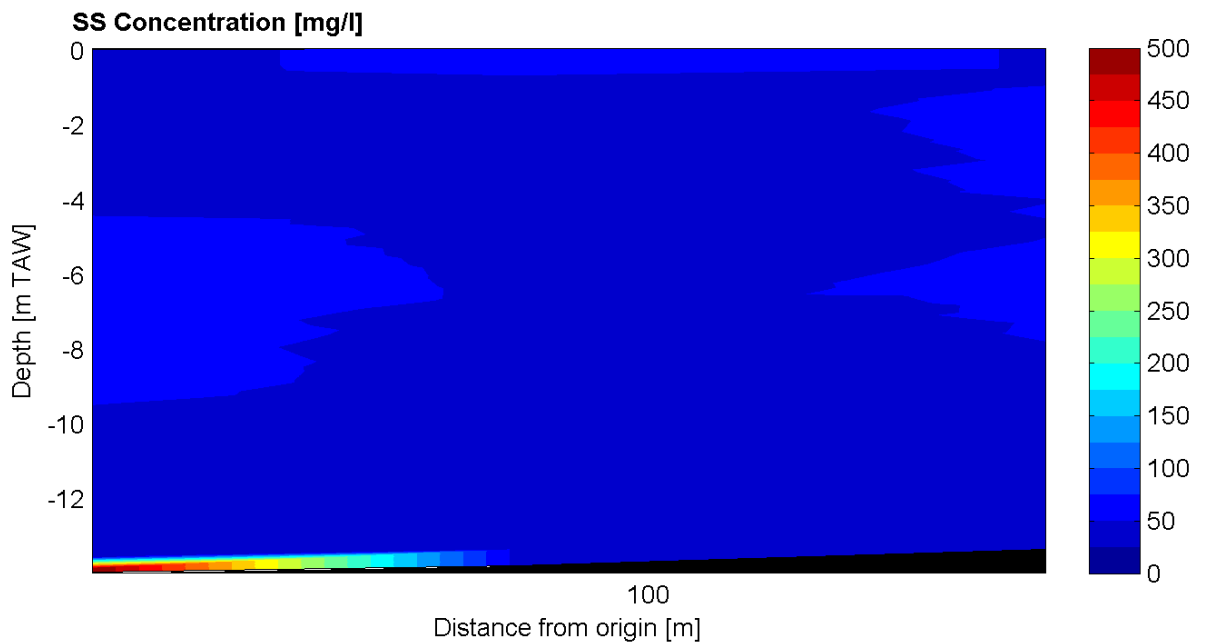
In association with :



I/RA/11283/07.086/MSA


Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1158Xc.sil - 1156Xe.sil	Location: Deurganckdok



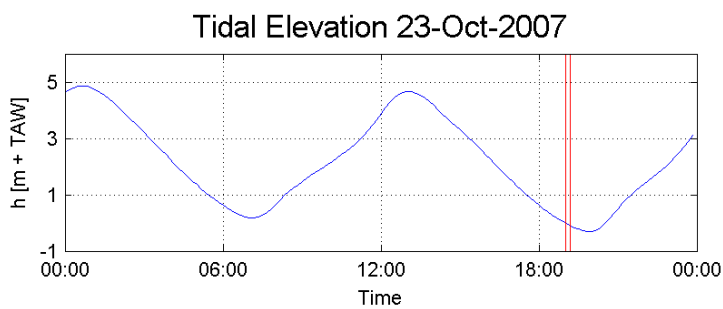
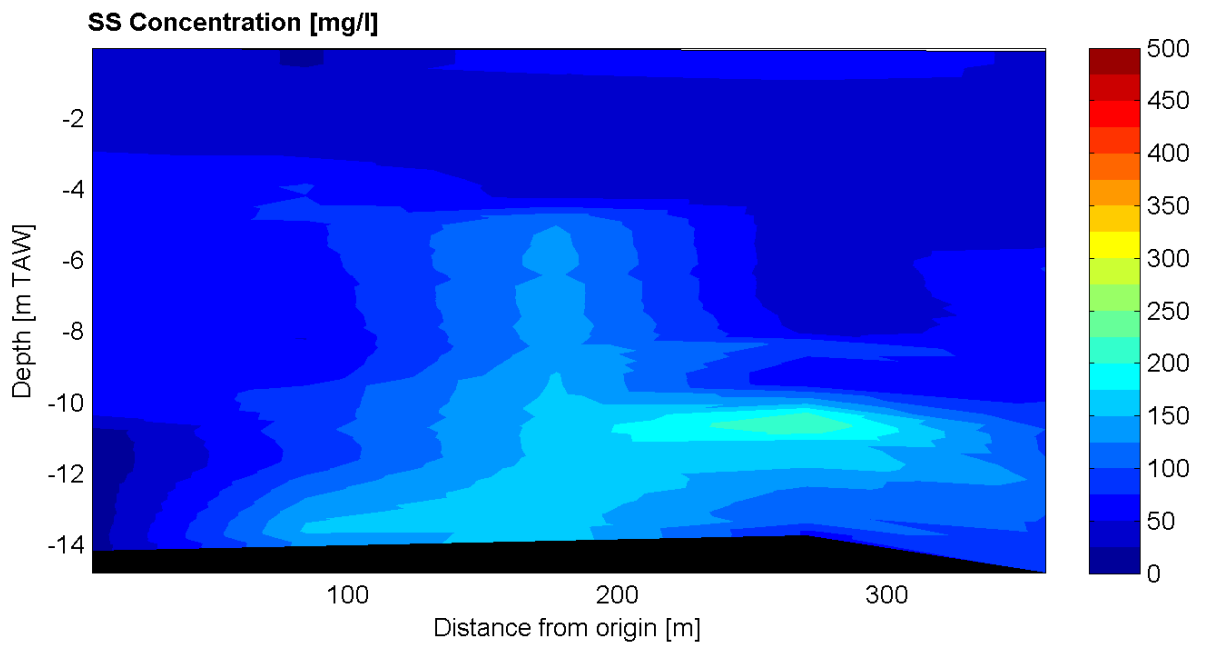
Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
18:54 - 18:49
 Time after HW [HH:MM]
5:52

Data Processed by: 
 In association with:  
 I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1161Ya.sil - 1165Ye.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
19:01 - 19:11
 Time after HW [HH:MM]
6:06

Data Processed by:



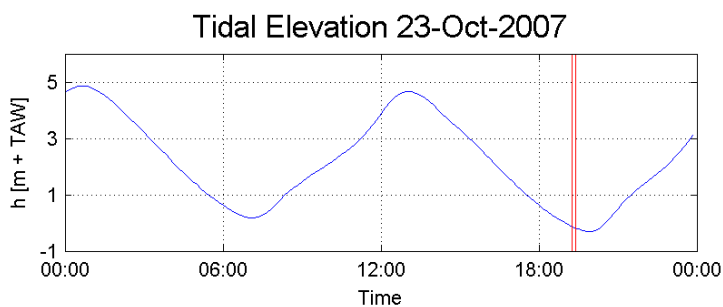
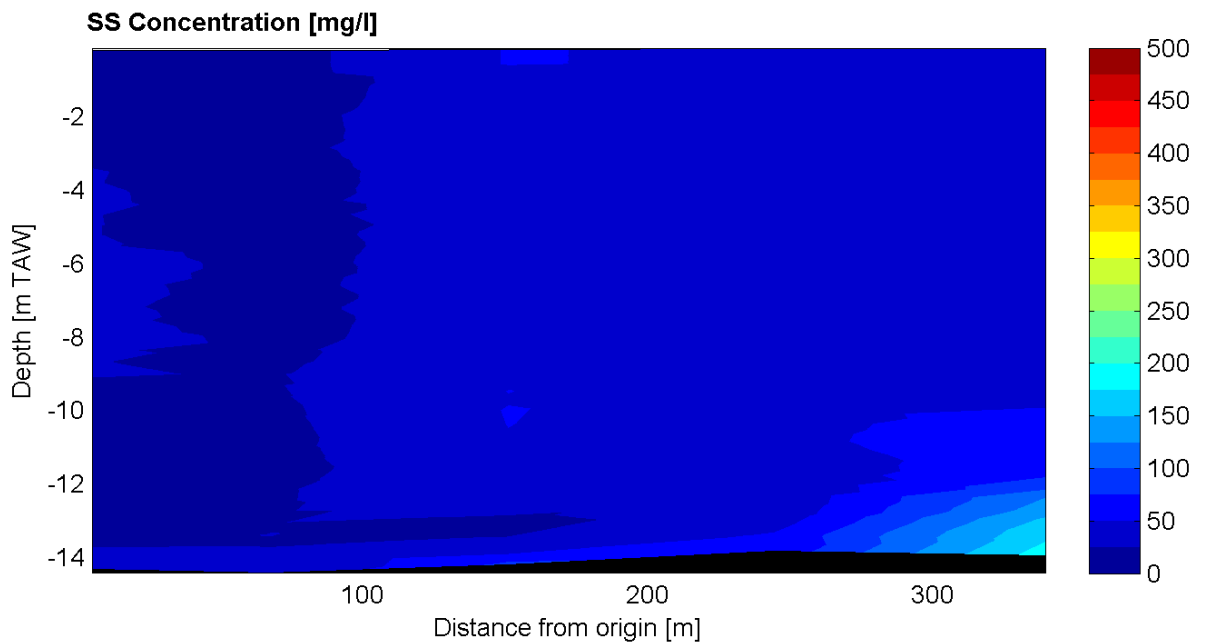
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1170Za.sil - 1166Ze.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
23-Oct-2007
19:24 - 19:14
 Time after HW [HH:MM]
6:19

Data Processed by:



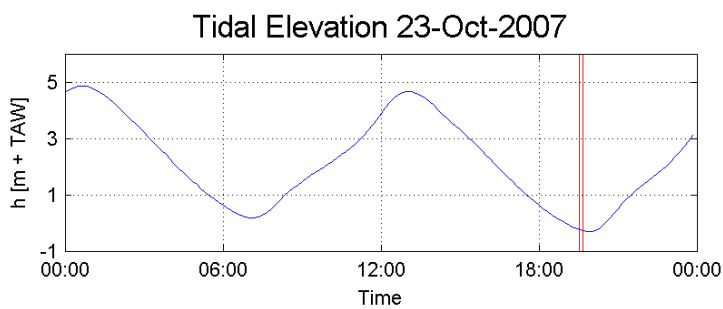
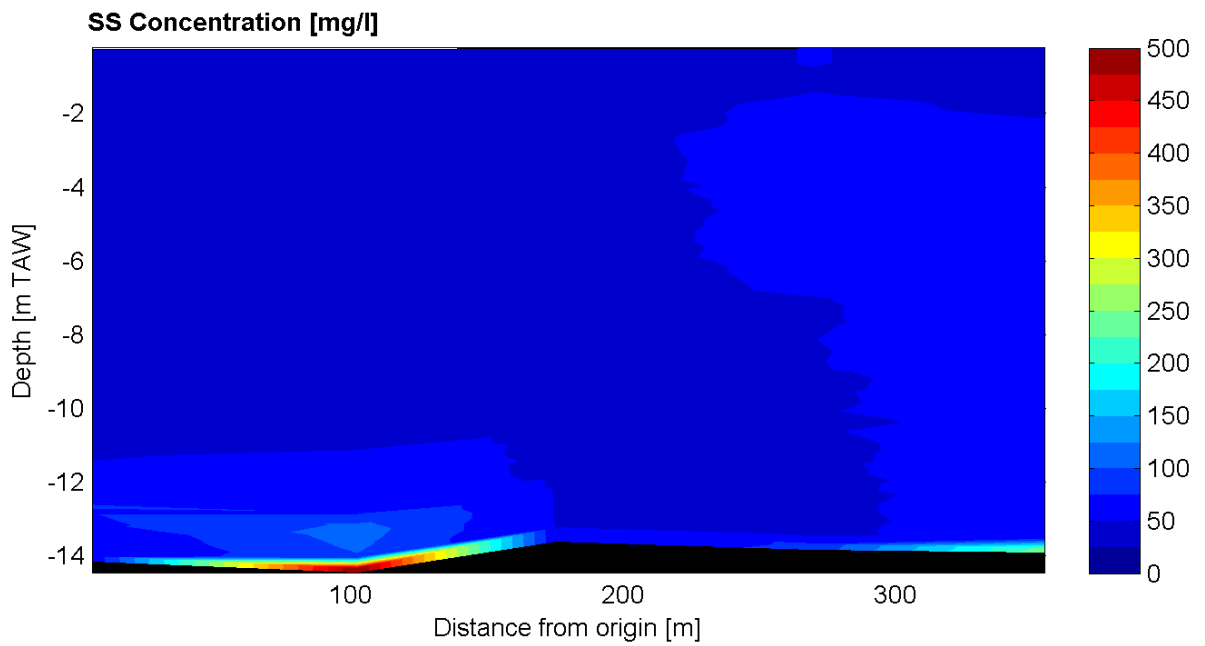
In association with :



I/RA/11283/07.086/MSA

Through tide measurement Siltprofiler 23 October 2007

11283	Equipment(s): SiltProfiler
Sourcefile: 1175Xa.sil - 1171Xe.sil	Location: Deurganckdok



Slack water: 00:40: h = 4.86 m+TAW
 13:00: h = 4.66 m+TAW
 07:00: h = 0.18 m+TAW

Date / Time [MET] :
 23-Oct-2007
 19:41 - 19:31
 Time after HW [HH:MM]
 6:36

Data Processed by:



In association with :



I/RA/11283/07.086/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 conditions: Annual report (I/RA/11283/06.128/MSA) ²
Analysis	
4.1	Analysis of Siltation Processes and Factors (I/RA/11283/06.129/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'