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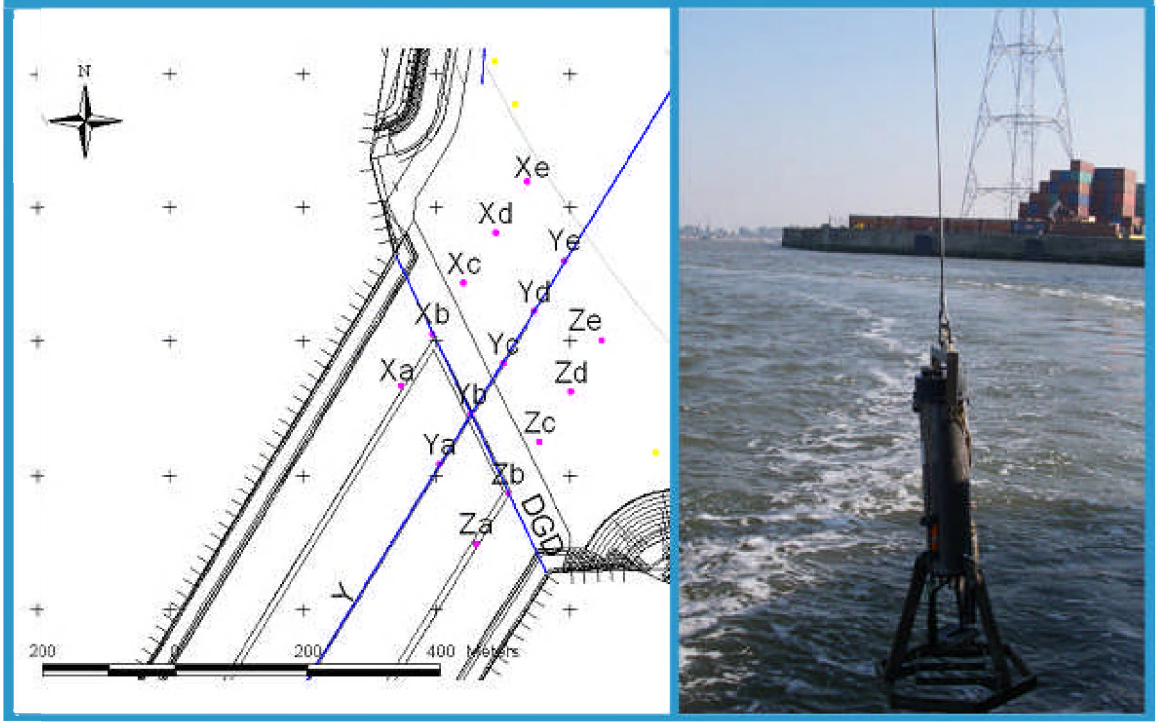
DEPARTEMENT MOBILITEIT EN OPENBARE WERKEN

WATERBOUWKUNDIG LABORATORIUM

# Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing

Bestek 16EB/05/04

Measurement locations Deurganckdok (left) & SiltProfiler (right)




**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

i.s.m. &

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# 1. INTRODUCTION

## 1.1. The assignment

This report is part of the set of reports describing the results of the long-term measurements 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 $\mu$m. 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).

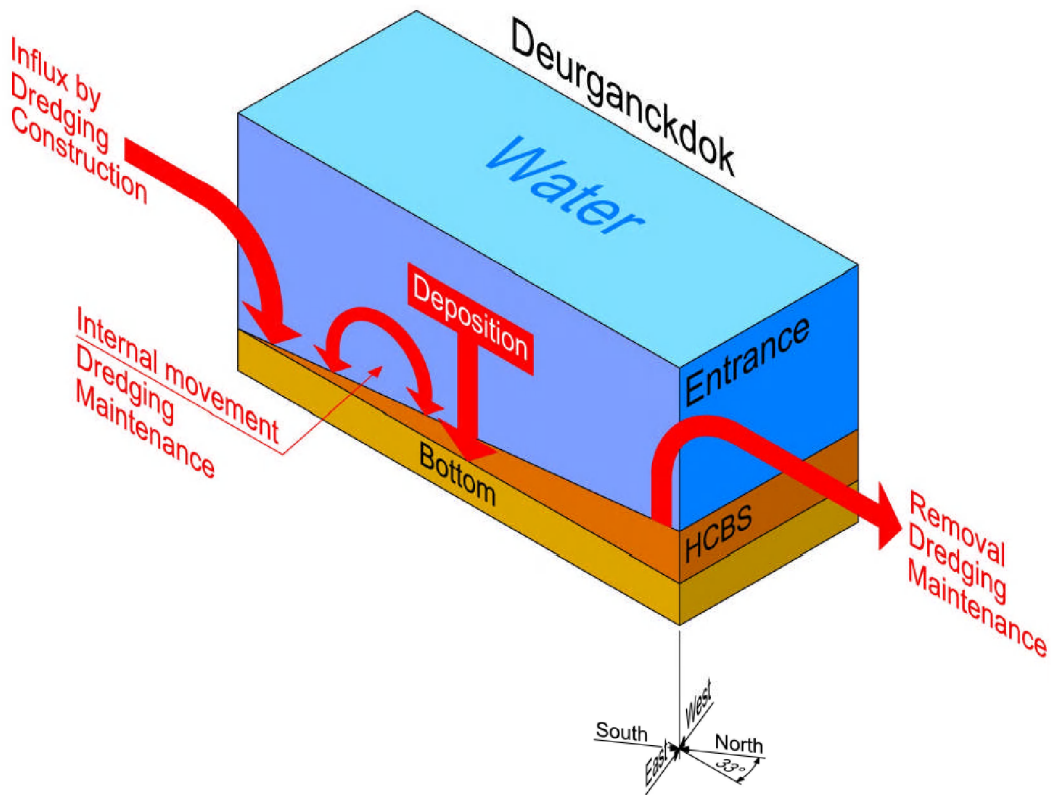


*Figure 2-1: Elements of the sediment balance*

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 $t_0$.

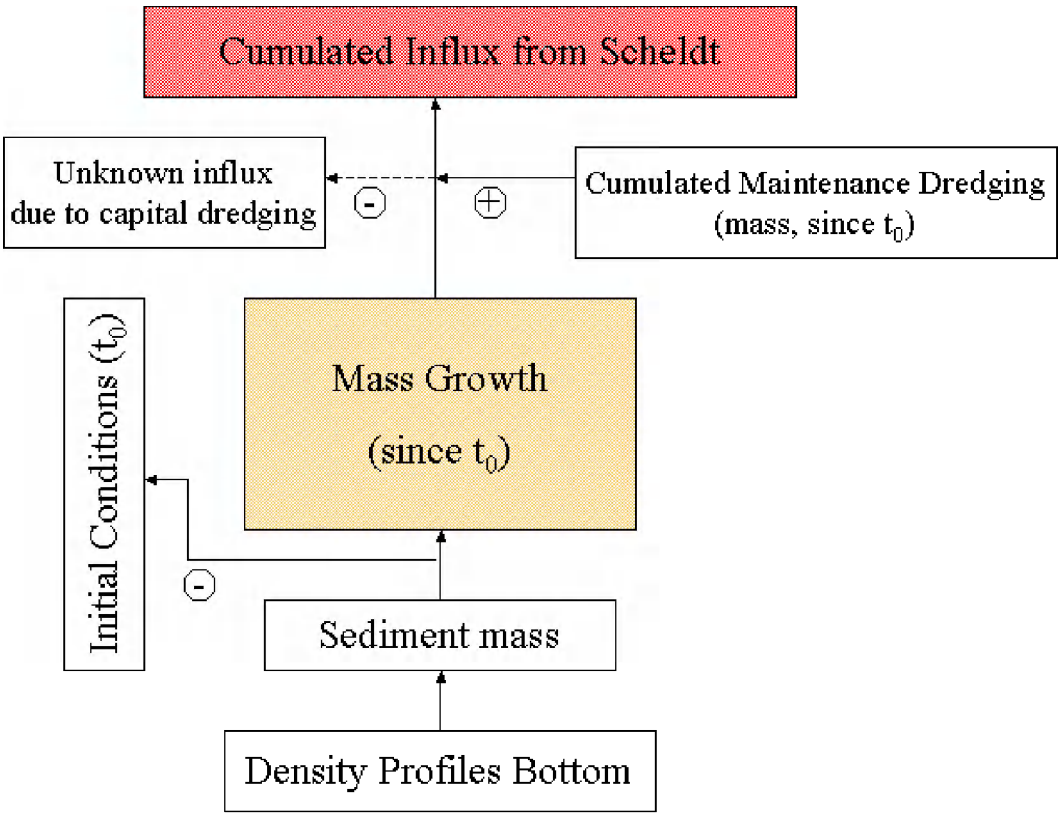


*Figure 2-2: Determining a sediment balance*

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

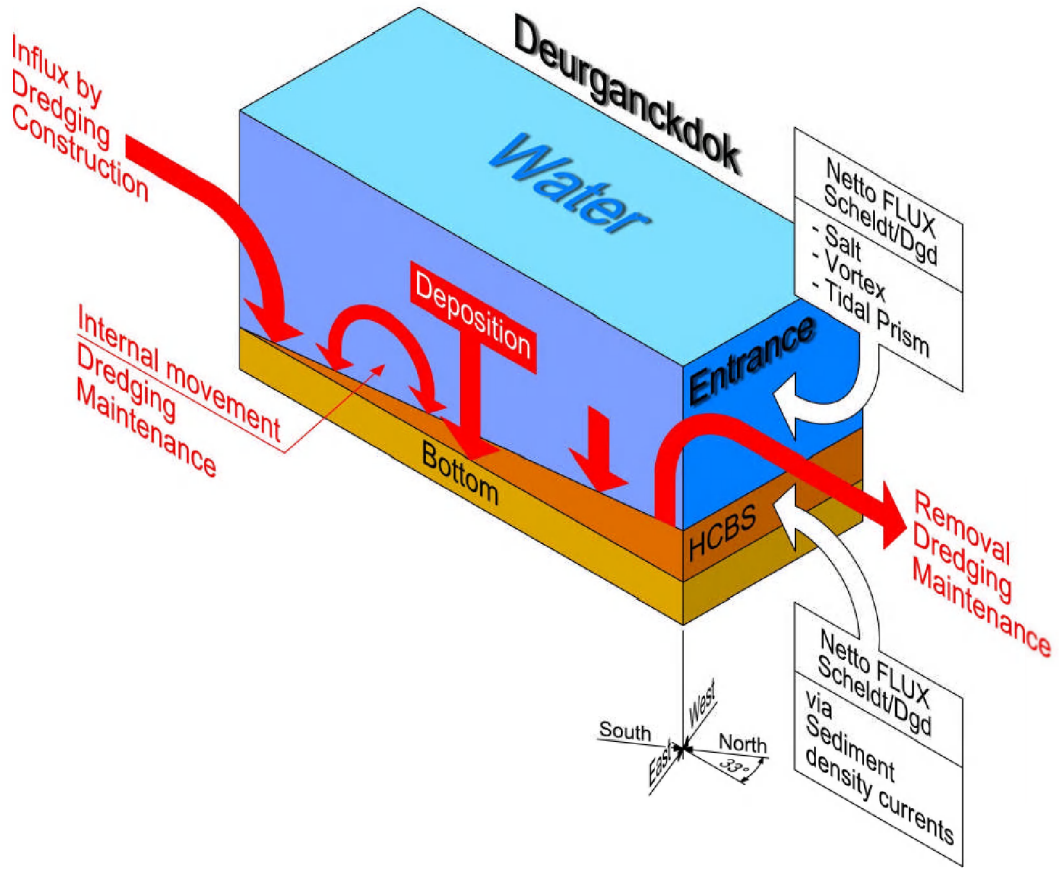


*Figure 2-3: Transport mechanisms*

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 Deurganckddok the terms 'left bank' and 'right bank' will be used to address the North quay wall and South quay wall respectively.

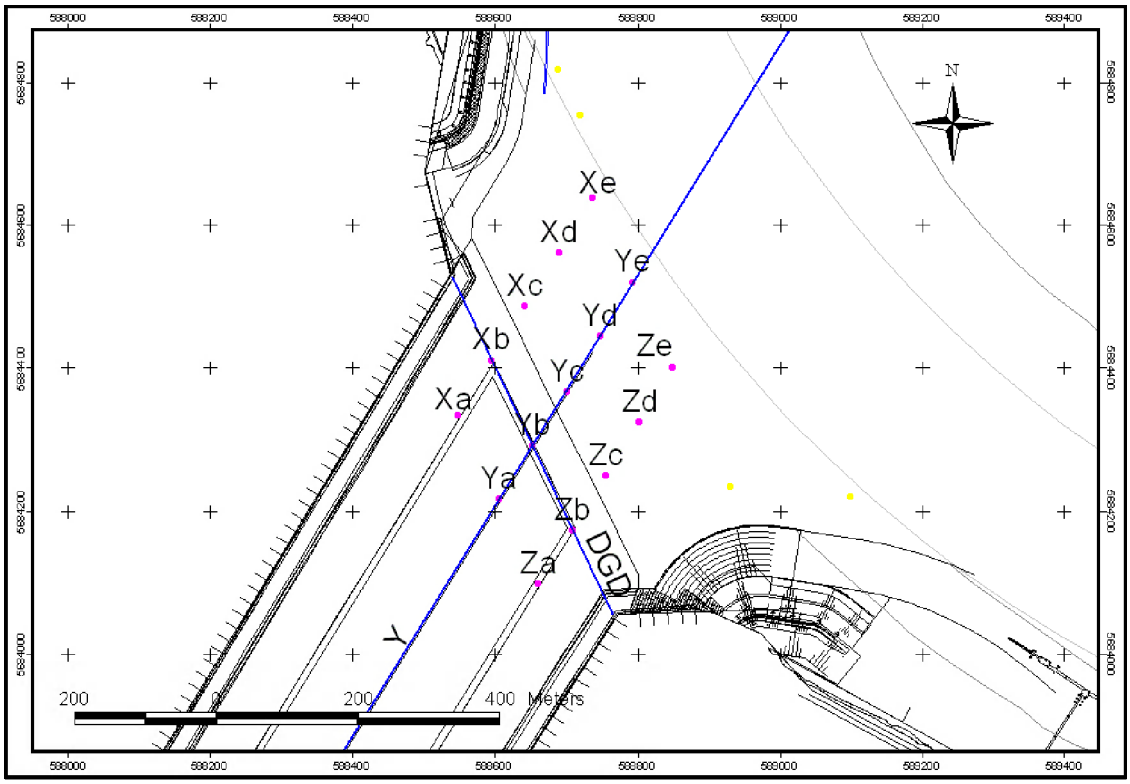


*Figure 2-4: Map of the measurement locations in the vicinity of Deurganckdok*

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 de lower section. Both rates and the changeover depth are user adjustable. The duration of data retrieval depends upon the amount of collected data and the effective data transfer rate.

### 2.3.2. CTD-Diver

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

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

# 3. COURSE OF THE MEASUREMENTS

## 3.1. Measurement periods

SiltProfiles were taken at all 15 locations. 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*

| *Liefkenshoek Tidal Gauge* | | |
|---|---|---|
| *23 October 2007* | | |
| | *Time [MET]* | *Water level [m TAW]* |
| **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:

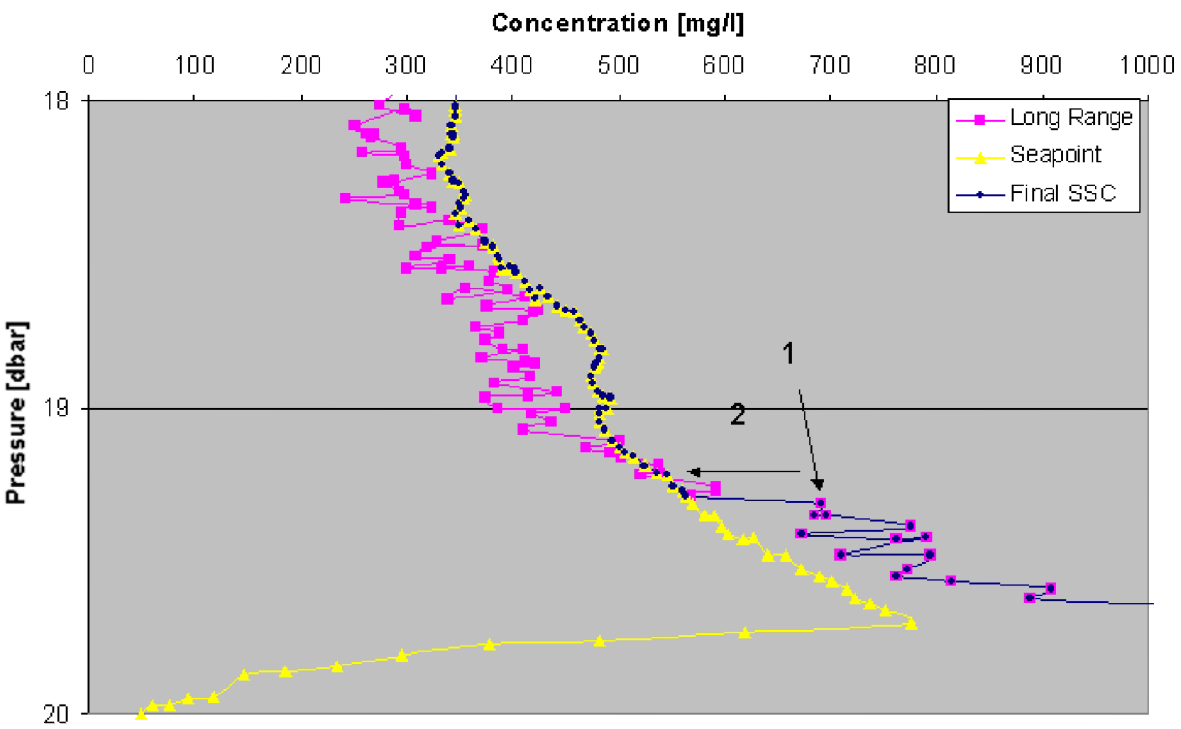


*Figure 4-1: Example of Methodology used for the transition of Seapoint to Long Range Sensor for a given profile*

- 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 21$^{st}$ March of 2006 (IMDC, 2006h). Compared to the summer campaign on 26$^{th}$ 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.

# 6. REFERENCES

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IMDC (2006d) Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 7.3 22 March 2006 Laure Marie – Liefkenshoek, I/RA/11291/06.096/MSA.

IMDC (2006e) Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 7.4 23 March 2006 Parel 2 – Schelle, I/RA/11291/06.097/MSA.

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IMDC (2006j). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 8.1: Vaste meetopstelling in zake bodemgedrag, I/RA/11291/06.100/MSA.

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IMDC (2007c). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.1 Through tide Measurement Sediview & Siltprofiler 27/9 Stream - Liefkenshoek (I/RA/11291/06.104/MSA), in opdracht van AWZ.

IMDC (2007d). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.2 Through tide Measurement Sediview 27/9 Veremans - Raai K (I/RA/11291/06.105/MSA), in opdracht van AWZ.

IMDC (2007e). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.3 Through tide Measurement Sediview & Siltprofiler 28/9 Stream - Raai K (I/RA/11291/06.106/MSA), in opdracht van AWZ.

IMDC (2007f). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.4 Through tide Measurement Sediview 28/9 Veremans - Waarde(I/RA/11291/06.107/MSA), in opdracht van AWZ.

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IMDC (2007h). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.6 Through tide Measurement Salinity Distribution 26/9 Scheldewacht – Deurganckdok in opdracht van AWZ.

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IMDC (2007j) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.2 Sediment Balance: Three monthly report 1/7/2006 – 30/09/2006 (I/RA/11283/06.114/MSA)

IMDC (2007k) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.3 Sediment Balance: Three monthly report 1/10/2006 – 31/12/2006 (I/RA/11283/06.115/MSA)

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

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

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

IMDC (2007q) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.1 Boundary conditions: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.127/MSA)

IMDC (2007r) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.10: Sediment Balance: Three monthly report 1/4/2007 – 30/06/2007 (I/RA/11283/07.081/MSA)

IMDC (2007s) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.11: Sediment Balance: Three monthly report 1/7/2007 – 30/09/2007 (I/RA/11283/07.082/MSA)

IMDC (2007t) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.16: Salt-Silt distribution Deurganckdok summer (21/6/2007 – 30/07/2007) (I/RA/11283/07.092/MSA)

IMDC (2007v) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.10: Boundary conditions: Three monthly report 1/04/2007 – 30/06/2007 (I/RA/11283/07.097/MSA)

IMDC (2007w) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.11: Boundary conditions: Two monthly report 1/07/2007 – 30/09/2007 (I/RA/11283/07.098/MSA)

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

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

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

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

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

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

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

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

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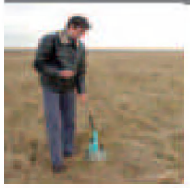
# APPENDIX A. MEASUREMENT EQUIPMENT

# CTD-Diver datalogger

Schlumberger WATER SERVICES



## Applications

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

CTD-Diver: reliable in all conditions

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

Highlights:

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

Specifications:

| | |
|---|---|
| Dimensions | Ø22 mm x 183 mm |
| Memory | 16,000 measurements (non-volatile) |
| Sample rate * | 0.5 sec to 99 hours |
| Housing material | ceramic ($ZrO_2$) |
| Temperature range | -20 °C to 80 °C |
| - accuracy | ±0.1 °C |
| - resolution | 0.01 °C |
| Conductivity: | |
| - range | 0 to 80 mS/cm |
| - accuracy | ±1% of reading |
| - resolution | 0.1% of reading |
| Battery life | 10 years (depending on use) |
| Weight | 150 grams |

CTD-Diver® Technical specifications (pressure)

| Type | DI 261 | DI 263 | DI 265 | DI 500 (Baro) |
|---|---|---|---|---|
| Range | 10 m $H_2O$ | 30 m $H_2O$ | 100 m $H_2O$ | 15 m $H_2O$ |
| - accuracy** | 1 cm $H_2O$ | 3 cm $H_2O$ | 10 cm $H_2O$ | 0.5 cm $H_2O$ |
| - resolution | 0.2 cm $H_2O$ | 0.6 cm $H_2O$ | 2 cm $H_2O$ | 0.1 cm $H_2O$ |

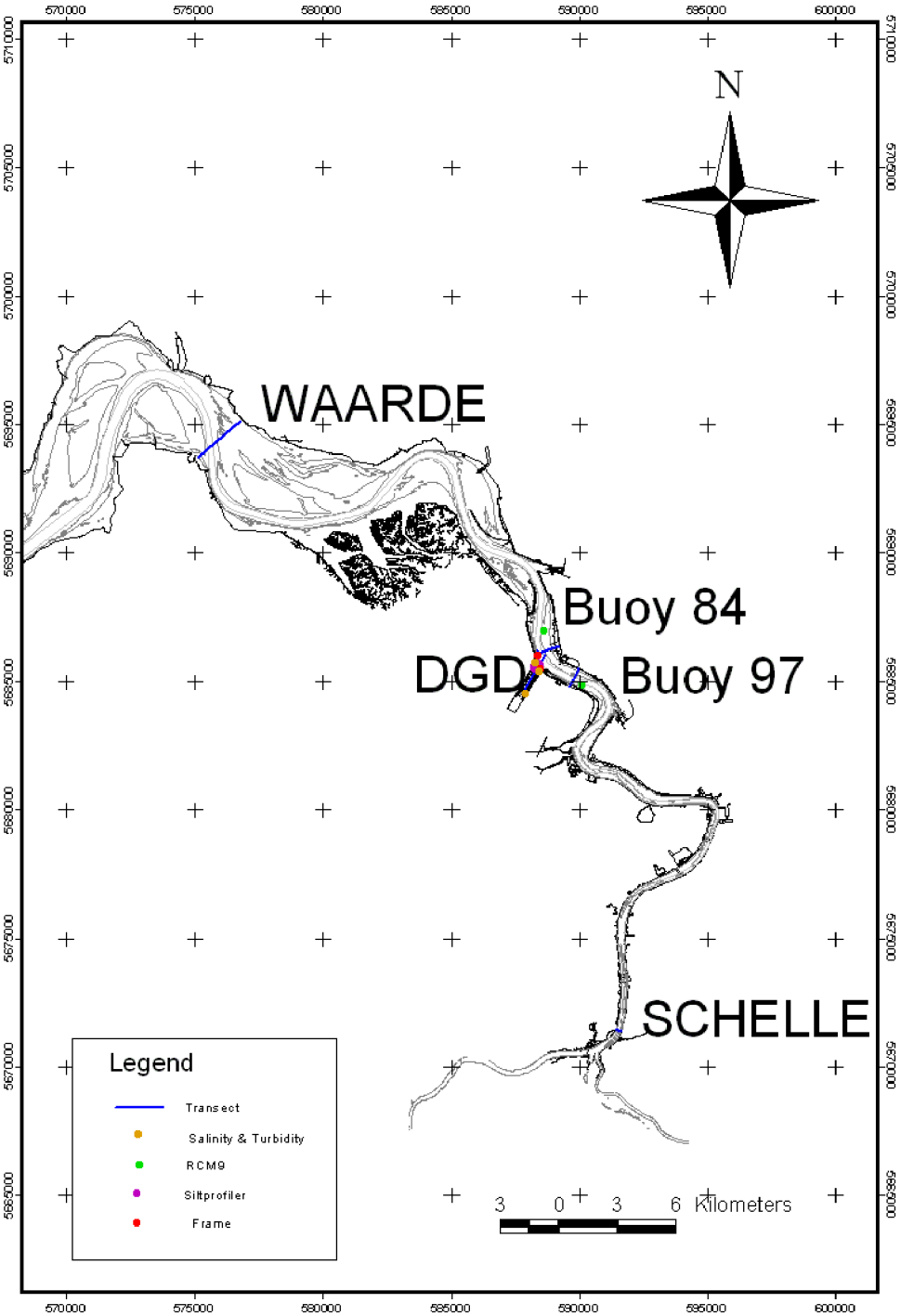
* various measuring methods available (fixed, event based and pumping tests)

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

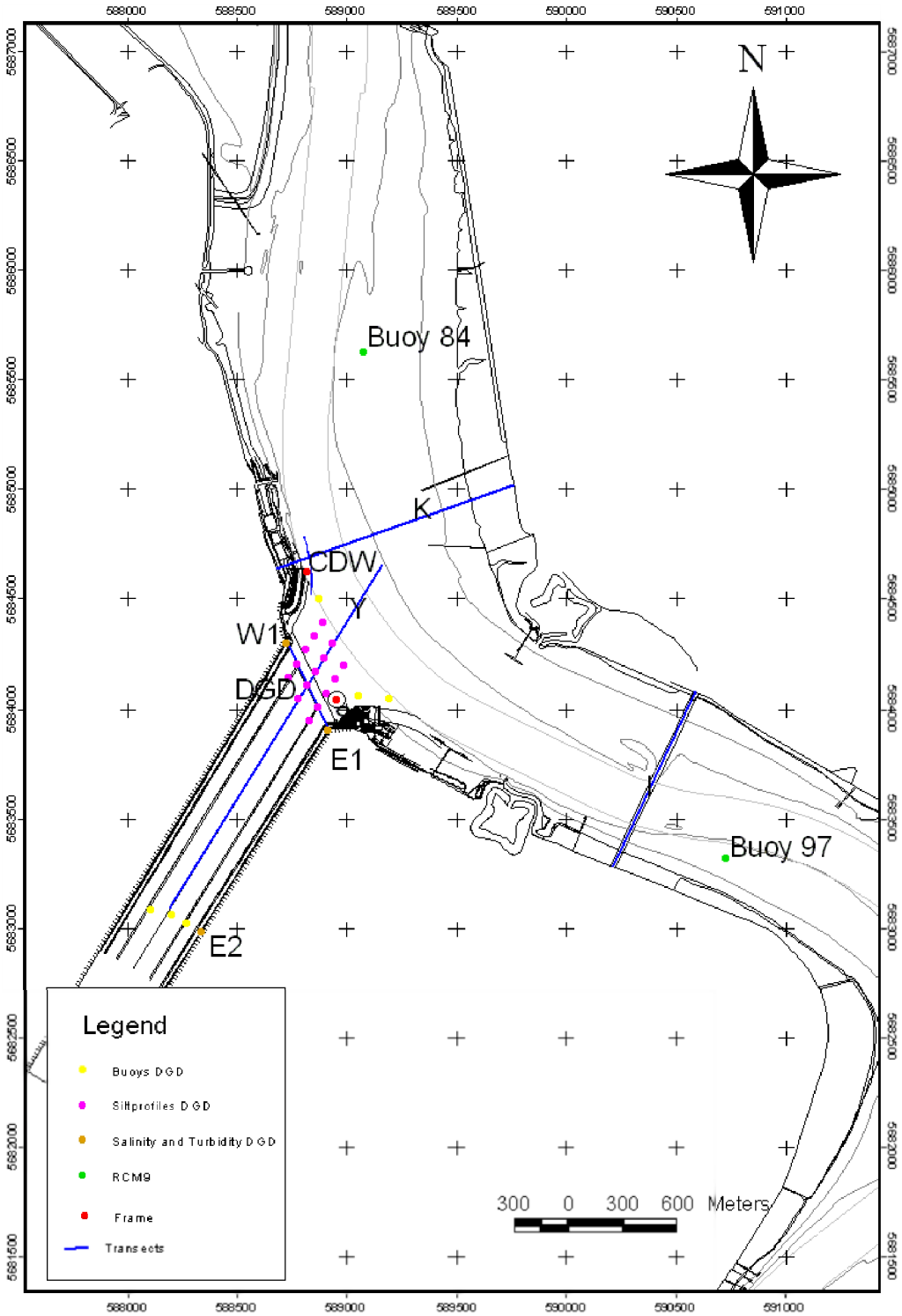
# APPENDIX B.

# OVERVIEW OF MEASUREMENTS

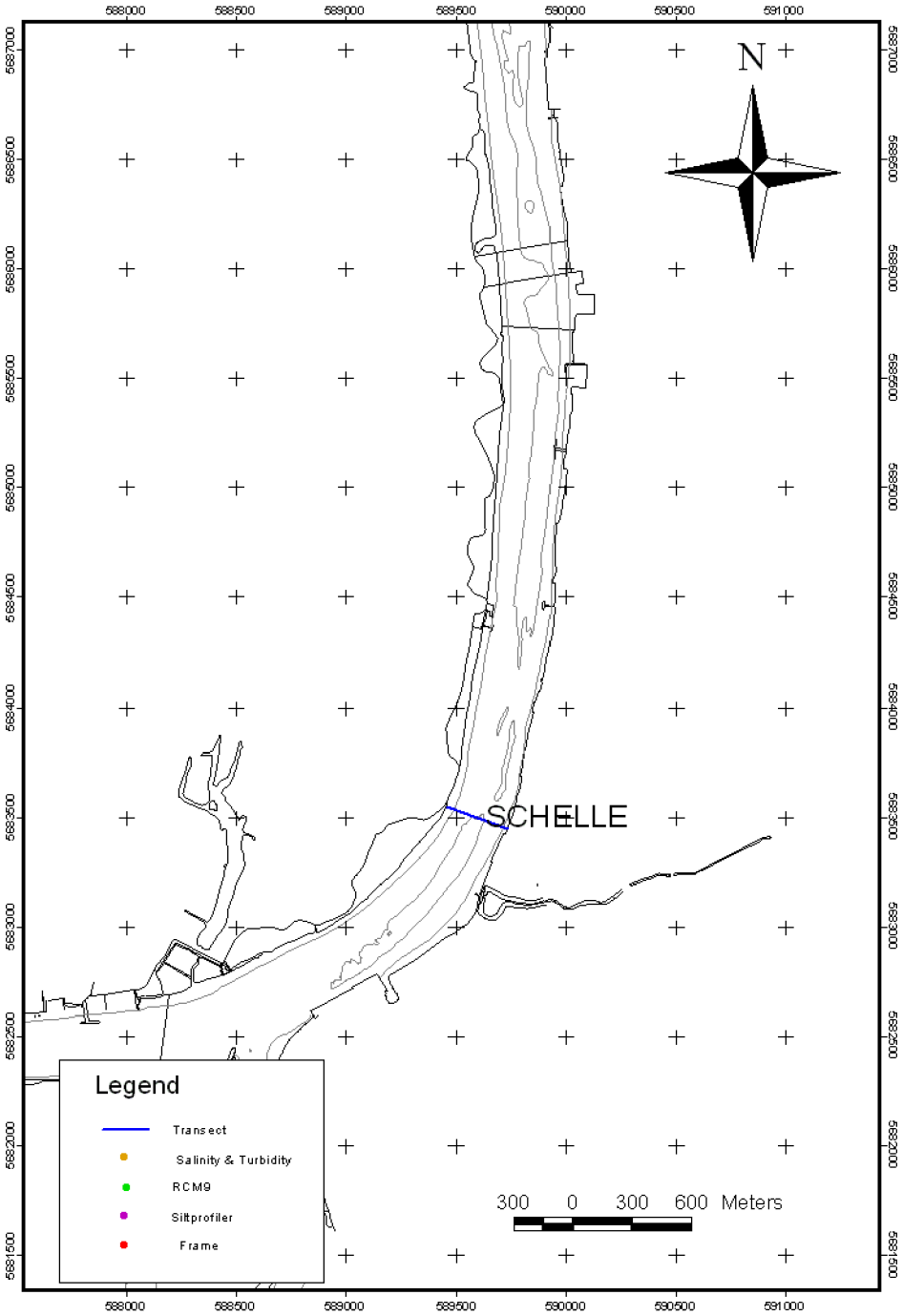
## B.1 Overview of the measurement locations for the whole HCBS2 and Deurganckdok measurement campaign



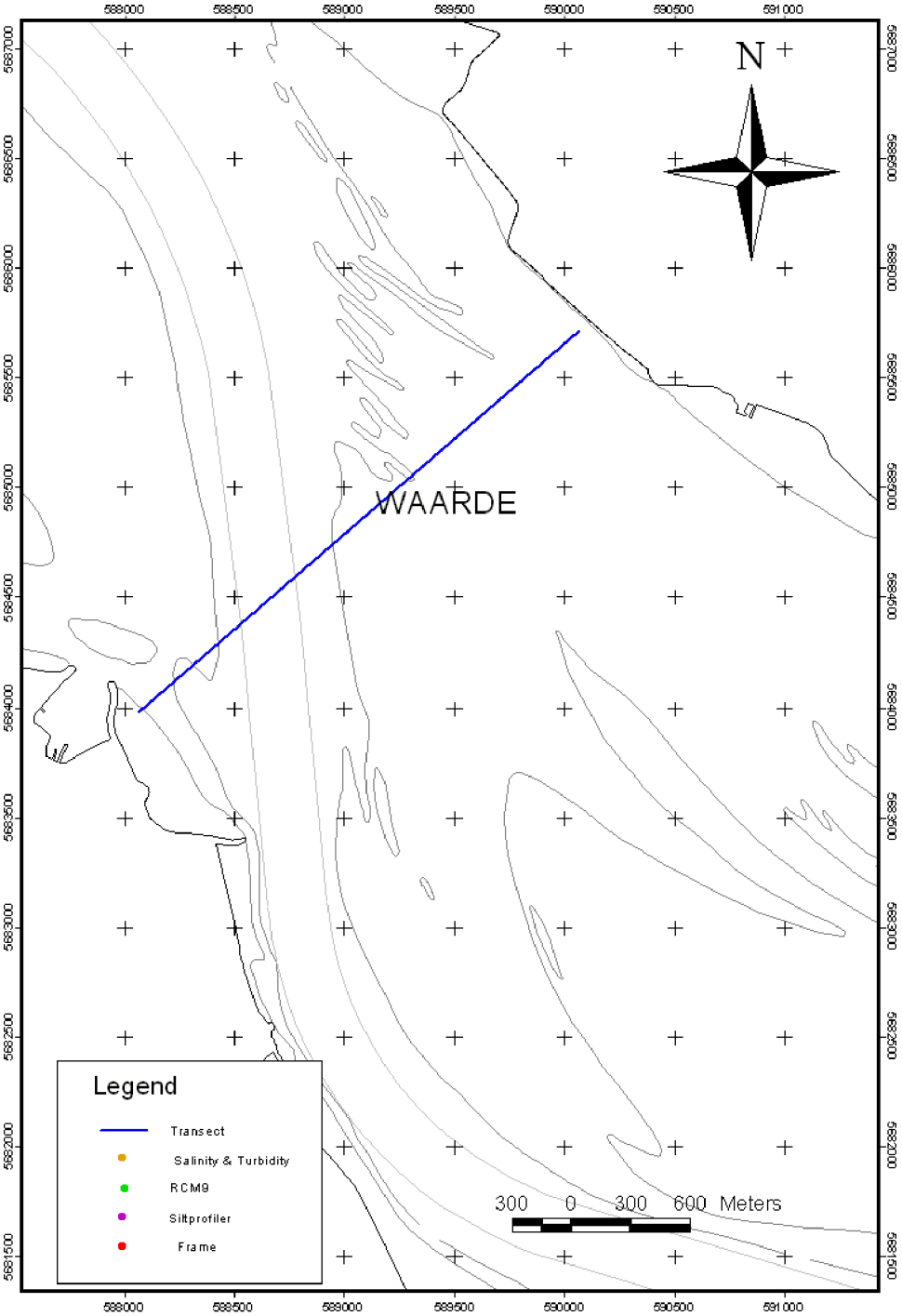

*Overview of the measurement locations*




*Overview of the measurement locations at Deurganckdok*




*Theoretical transect in Schelle*




*Theoretical transect in Waarde*

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

*Table with coordinates of theoretical transects*

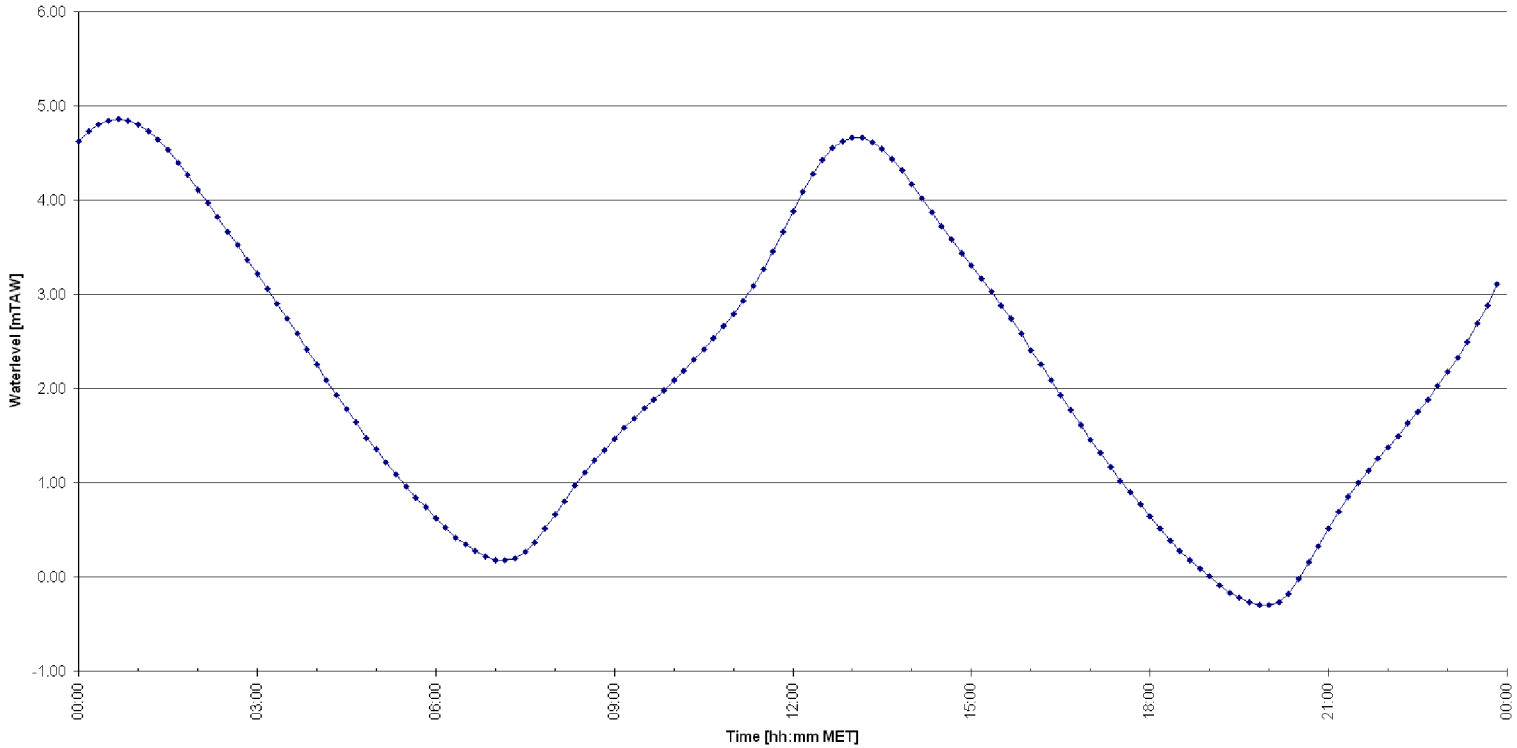
| Transect | Start Easting | Start Northing | End Easting | End Northing |
|---|---|---|---|---|
| I | 590318.00 | 5683302.00 | 590771.00 | 5684257.00 |
| K | 588484.00 | 5684924.00 | 589775.00 | 5685384.00 |
| SCHELLE | 592645.07 | 5665794.06 | 592952.68 | 5665682.28 |
| DGD | 588764.88 | 5684056.49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

*Table with coordinates of SiltProfiler gauging locations*

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

# APPENDIX C. TIDAL DATA

# Through Tide Measurement SiltProfiler 23 October 2007




| Measured tide on 23/10/2007 | | Data processed by: IMDC |
|---|---|---|
| Location: Liefkenshoek tidal gauge | Date: 23/10/2007 | In association with: wl \| delft hydraulics, GEMS International |
| | | 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 | $R = \frac{C}{42.914 mS/cm}$ | |
| **C Cond at t** | **0.5** | | **Input conductivity in mS/cm of sample** |
| **t deg. C** | **22.00** | | **Input temperature of sample solution** |
| **P dBar** | **20** | | **Input pressure at which sample is measured in decibars** |
| Rp | 1.0020845 | $R_p = 1 + \frac{p(e_1 + e_2 p + e_3 p^2)}{1 + d_1 t + d_2 t^2 + (d_3 + d_4 t)R}$ | |
| rt | 1.1641102 | $r_t = c_0 + c_1 t + c_2 t^2 + c_3 t^3 + c_4 t^4$ | |
| Rt | 0.0099879 | $R_t = \frac{R}{R_p \times r_t}$ | |
| Delta S | -0.0010 | $\text{Delta S} = \frac{(t-15)}{1+k(t-15)}(b_0 + b_1 R_t^{1/2} + b_2 R_t + b_3 R_t^{3/2} + b_4 R_t^2 + b_5 R_t^{5/2})$ | |
| **S = Salinity** | **0.257** | $S = a_0 + a_1 R_t^{1/2} + a_2 R_t + a_3 R_t^{3/2} + a_4 R_t^2 + a_5 R_t^{5/2} + \text{delta S}$ | |

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

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

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

**R = Rt x Rp x rt**

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

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

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

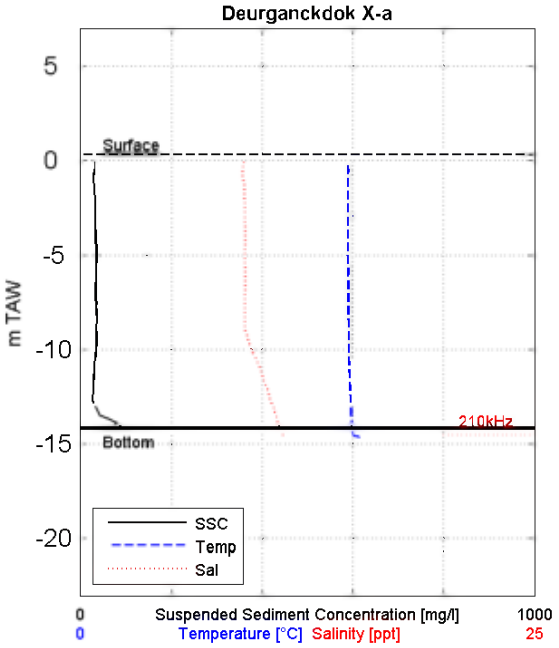
# APPENDIX F.

# SILTPROFILER GRAPHS

## F.1 Location Xa

# Through tide measurements Siltprofiler 23 October 2007

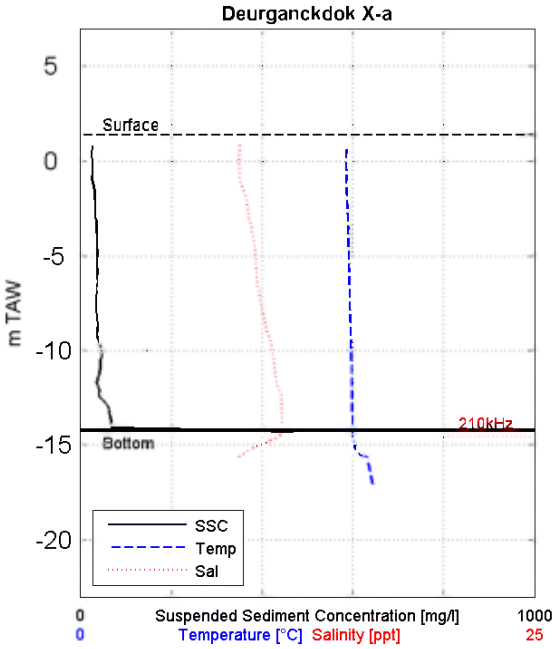
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1005Xa_ctd.sil<br>1020Xa_ctd.sil | Location: Deurganckdok |




**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 |

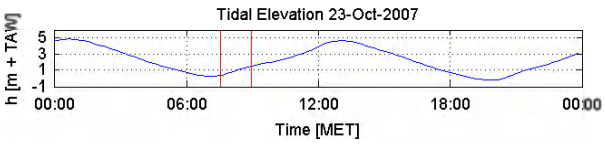
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.00 | 14.7 | NaN | 34 |
| -0.07 | 14.7 | 9.0 | 32 |
| -0.10 | 14.7 | 9.0 | 36 |
| -0.15 | 14.8 | 8.9 | 35 |
| -0.81 | 14.7 | 8.9 | 30 |
| -1.57 | 14.7 | 9.0 | 31 |
| -2.39 | 14.7 | 9.0 | 33 |
| -3.18 | 14.7 | 9.0 | 33 |
| -4.02 | 14.8 | 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 | 85 |
| -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** |



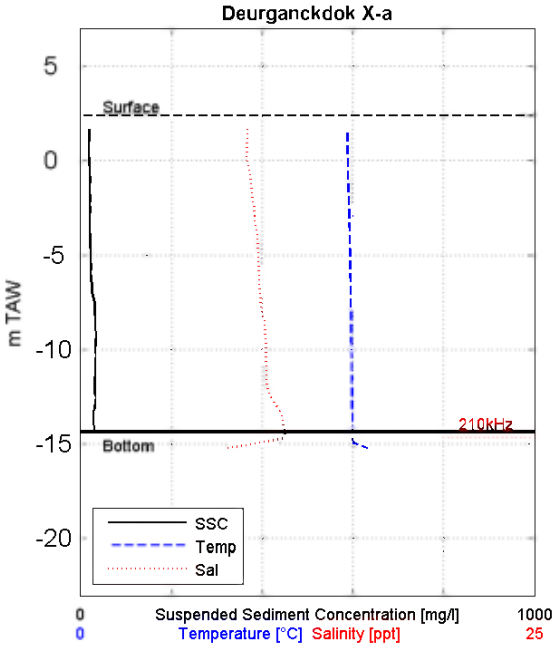

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

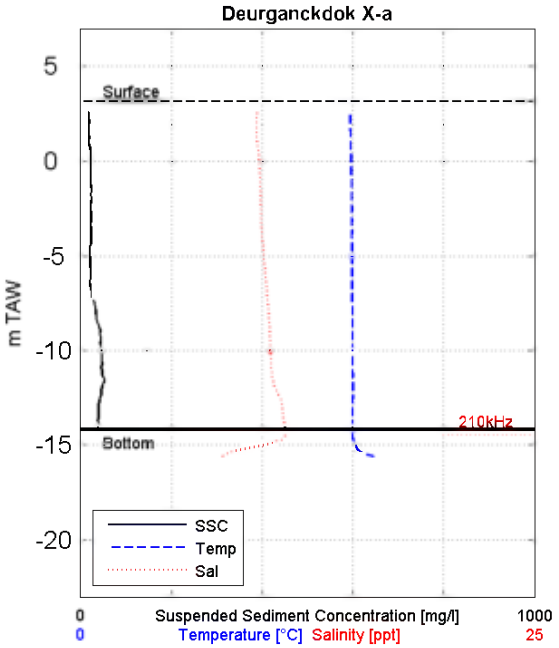
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1036Xa_ctd.sil<br>1051Xa_ctd.sil | Location: Deurganckdok |




**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 |

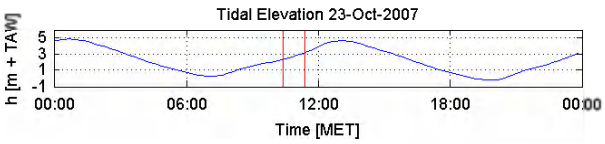
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.75 | 14.6 | NaN | 22 |
| 1.68 | 14.7 | 9.2 | 22 |
| 1.66 | 14.7 | 9.2 | 21 |
| 1.64 | 14.7 | 9.2 | 21 |
| 1.62 | 14.7 | 9.2 | 20 |
| 1.57 | 14.7 | 9.2 | 22 |
| 0.68 | 14.7 | 9.1 | 21 |
| -0.30 | 14.7 | 9.2 | 21 |
| -1.38 | 14.7 | 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** |



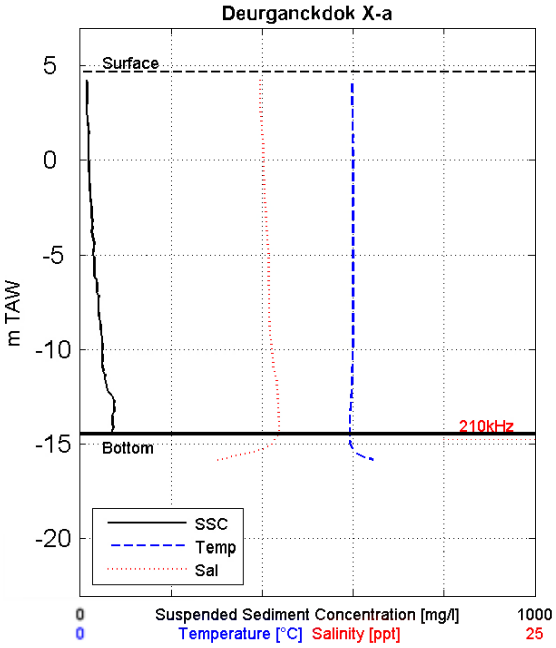

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

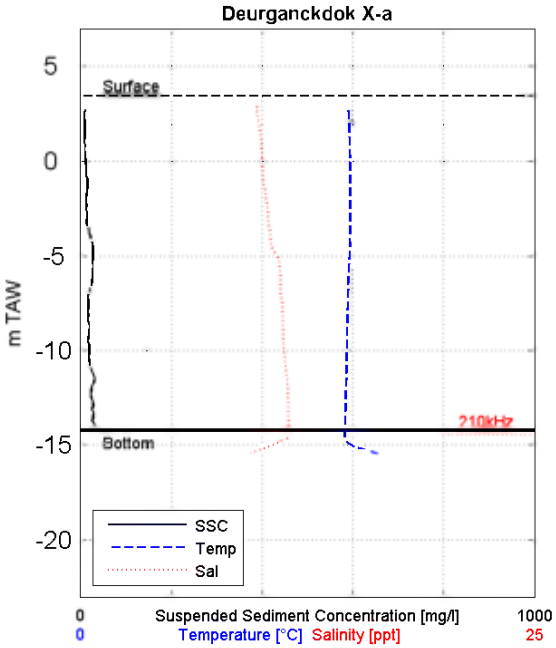
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1068Xa_ctd.sil<br>1084Xa_ctd.sil | Location: Deurganckdok |




**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 |

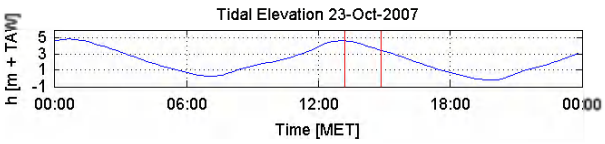
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 4.31 | 14.9 | NaN | 17 |
| 4.18 | 14.9 | 9.9 | 17 |
| 4.14 | 14.9 | 9.8 | 18 |
| 4.09 | 14.9 | 9.9 | 18 |
| 3.74 | 15.0 | 9.9 | 16 |
| 2.77 | 15.0 | 9.9 | 14 |
| 1.58 | 15.0 | 10.0 | 21 |
| 0.44 | 14.9 | 10.1 | 19 |
| -0.66 | 15.0 | 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** |



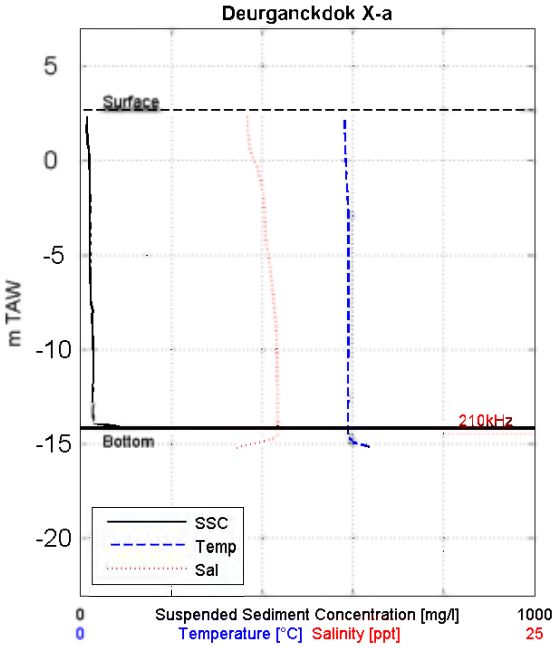

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

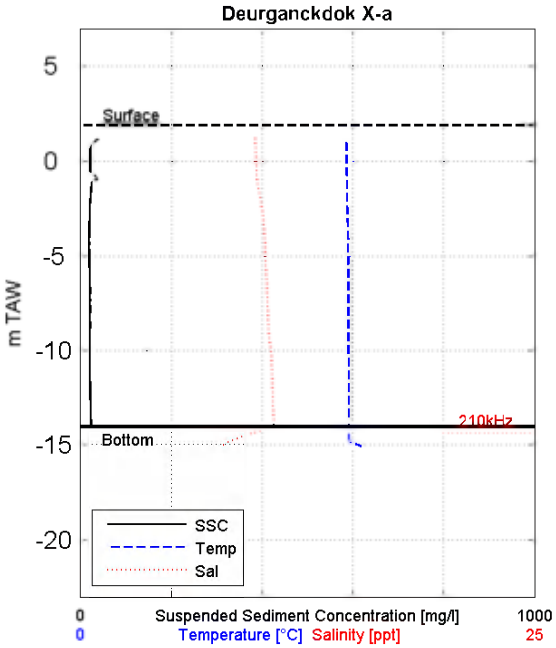
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1099Xa_ctd.sil<br>1114Xa_ctd.sil | Location: Deurganckdok |




**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 |

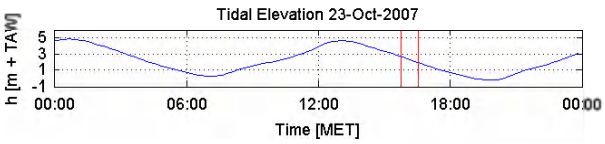
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.37 | 14.5 | 9.2 | 14 |
| 2.33 | 14.5 | 9.2 | 14 |
| 2.29 | 14.5 | 9.2 | 16 |
| 2.09 | 14.5 | 9.2 | 15 |
| 1.13 | 14.6 | 9.2 | 15 |
| 0.16 | 14.6 | 9.5 | 20 |
| -0.86 | 14.6 | 9.8 | 21 |
| -1.84 | 14.7 | 10.0 | 22 |
| -2.85 | 14.8 | 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** |



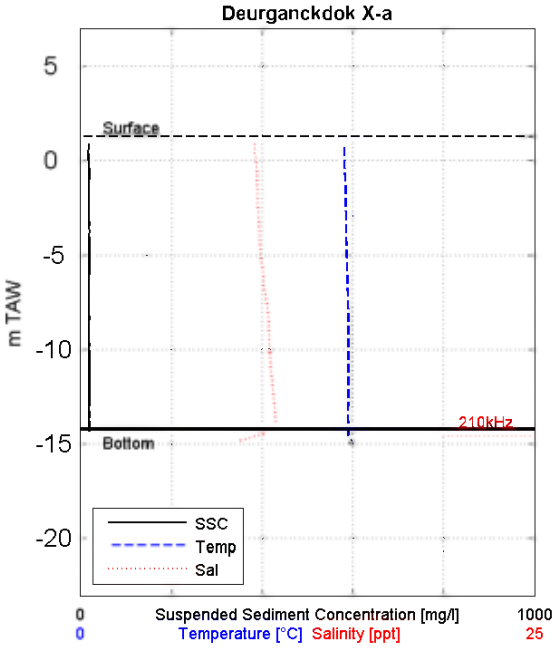

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

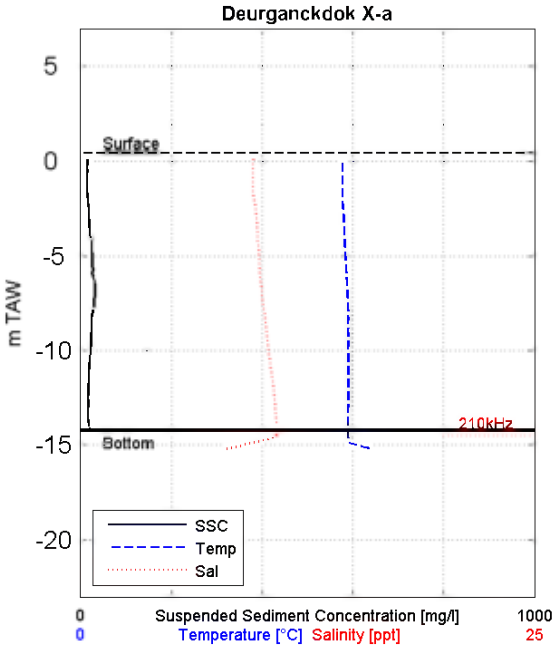
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1129Xa_ctd.sil<br>1145Xa_ctd.sil | Location: Deurganckdok |




**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 |

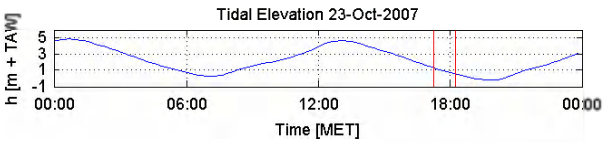
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.96 | 14.5 | 9.6 | 19 |
| 0.29 | 14.5 | 9.6 | 19 |
| -0.27 | 14.5 | 9.7 | 21 |
| -1.00 | 14.5 | 9.7 | 20 |
| -1.84 | 14.6 | 9.7 | 21 |
| -2.59 | 14.6 | 9.7 | 18 |
| -3.44 | 14.6 | 9.8 | 21 |
| -4.27 | 14.6 | 9.8 | 19 |
| -5.01 | 14.7 | 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** |



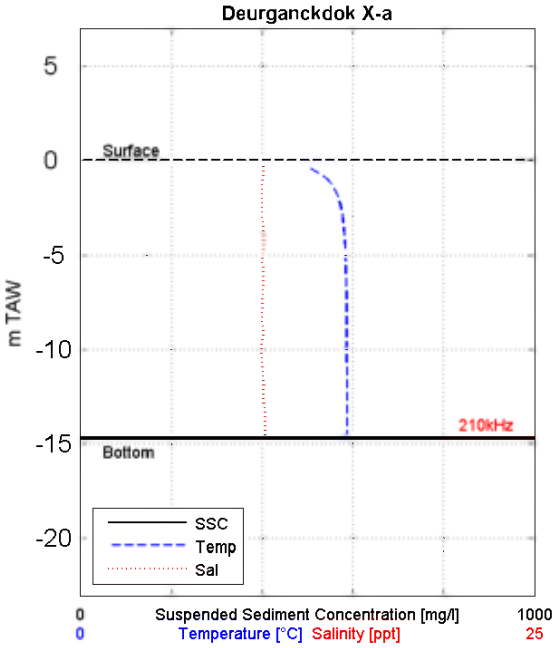

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

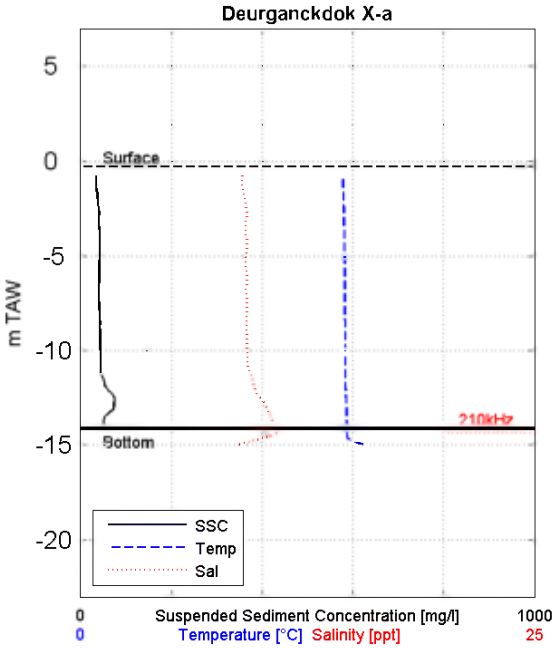
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1160Xa_ctd.sil<br>1175Xa_ctd.sil | Location: Deurganckdok |




**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 |

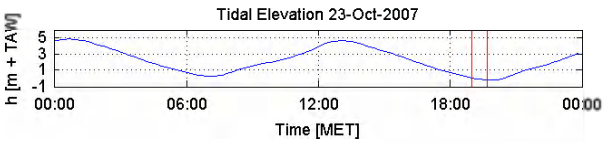
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.27 | 12.4 | 10.0 | NaN |
| -0.78 | 13.3 | 10.1 | NaN |
| -1.28 | 13.9 | 10.0 | NaN |
| -1.94 | 14.2 | 10.0 | NaN |
| -2.66 | 14.4 | 9.9 | NaN |
| -3.48 | 14.5 | 10.1 | NaN |
| -4.31 | 14.5 | 10.1 | NaN |
| -5.12 | 14.6 | 10.0 | NaN |
| -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: IMDC

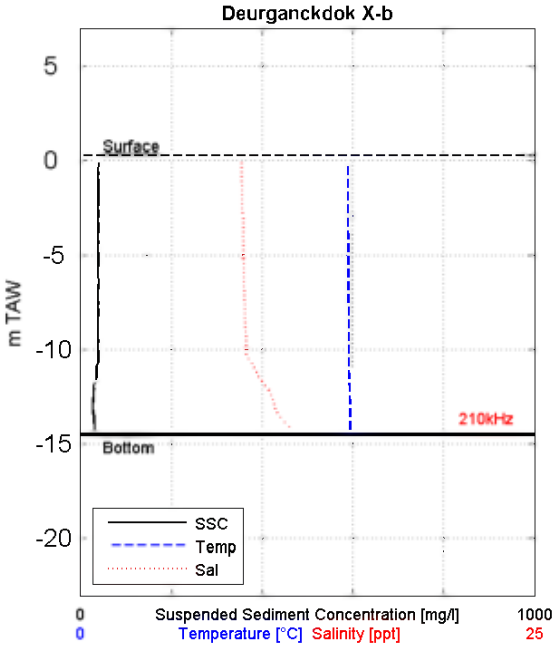
In association with :

I/RA/11283/07.086/MSA

## F.2 Location Xb

# Through tide measurements Siltprofiler 23 October 2007

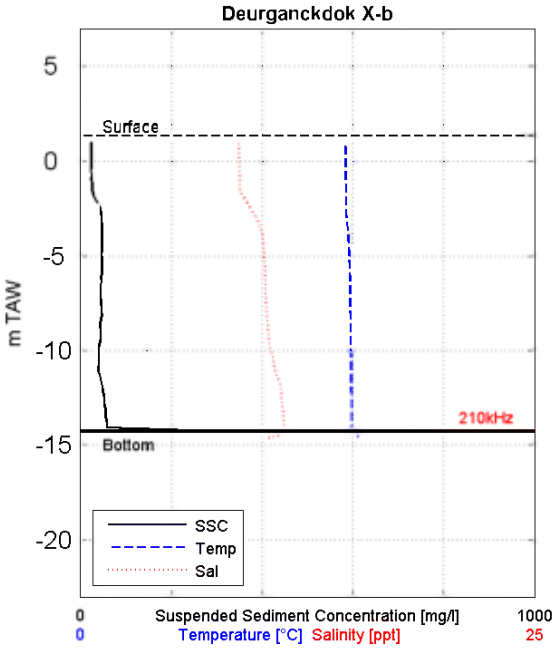
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1004Xb_ctd.sil<br>1019Xb_ctd.sil | Location: Deurganckdok |




**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 |

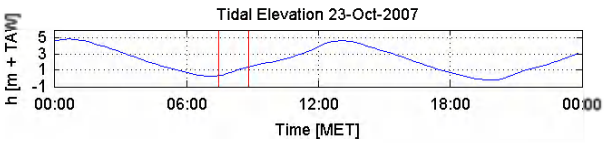
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.06 | 14.7 | NaN | 42 |
| -0.14 | 14.8 | 8.9 | 39 |
| -0.16 | 14.7 | 8.8 | 43 |
| -0.18 | 14.7 | 8.9 | 39 |
| -0.21 | 14.7 | 8.8 | 41 |
| -0.87 | 14.7 | 8.9 | 39 |
| -1.96 | 14.7 | 8.8 | 39 |
| -3.09 | 14.7 | 8.9 | 40 |
| -4.28 | 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** |



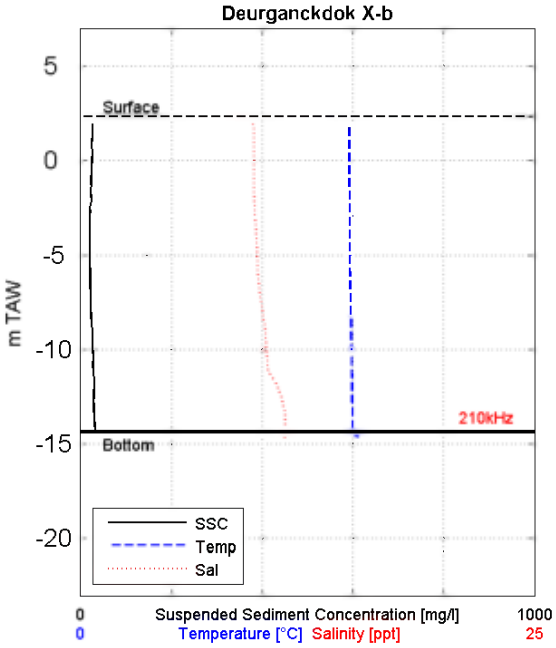

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

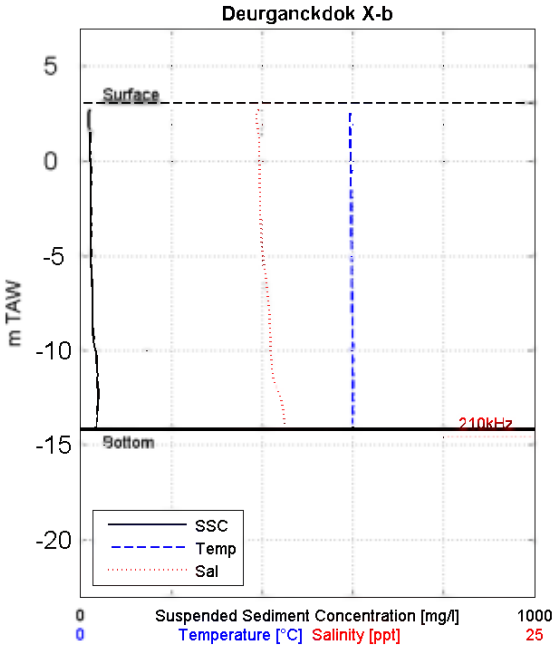
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1035Xb_ctd.sil<br>1050Xb_ctd.sil | Location: Deurganckdok |




**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 |

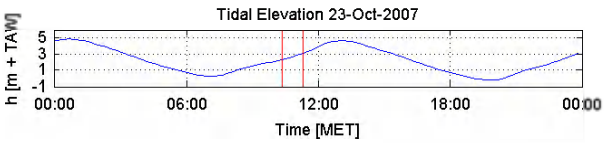
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.00 | 14.8 | NaN | 28 |
| 1.93 | 14.8 | 9.5 | 27 |
| 1.90 | 14.8 | 9.4 | 28 |
| 1.86 | 14.8 | 9.5 | 26 |
| 1.60 | 14.8 | 9.5 | 28 |
| 0.79 | 14.8 | 9.5 | 26 |
| -0.22 | 14.8 | 9.5 | 24 |
| -1.19 | 14.8 | 9.5 | 24 |
| -2.15 | 14.8 | 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** |



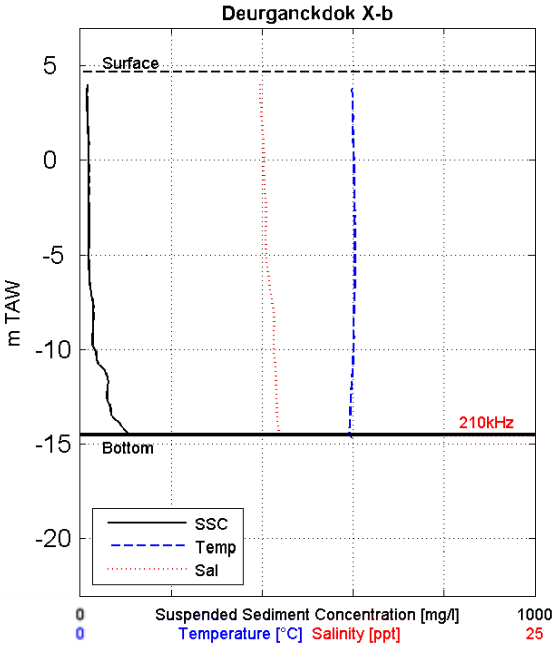

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

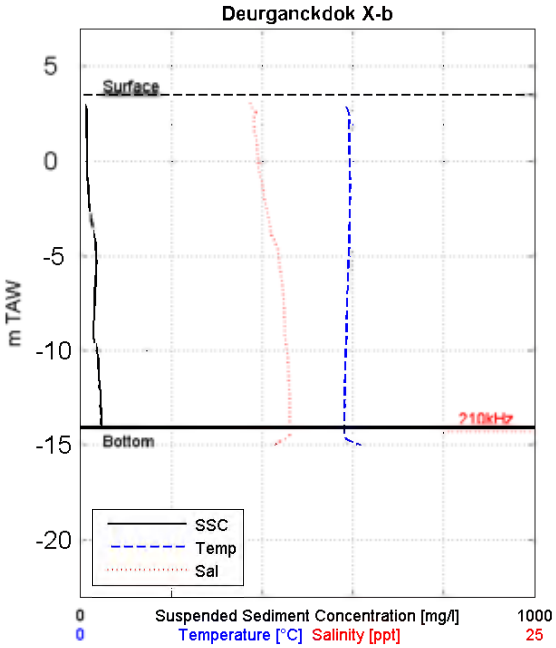
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1067Xb_ctd.sil<br>1083Xb_ctd.sil | Location: Deurganckdok |




**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 |

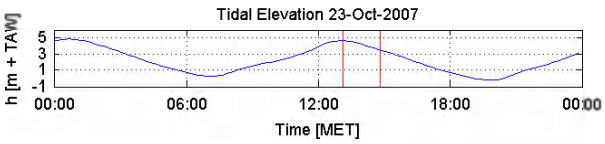
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 4.03 | 14.9 | 9.9 | 18 |
| 3.94 | 14.9 | 9.9 | 13 |
| 3.91 | 14.9 | 9.8 | 18 |
| 3.89 | 15.0 | 9.9 | 17 |
| 3.87 | 15.0 | 9.9 | 17 |
| 3.80 | 14.9 | 9.9 | 17 |
| 3.26 | 14.9 | 9.9 | 17 |
| 2.34 | 15.0 | 9.9 | 17 |
| 0.97 | 15.0 | 10.1 | 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** |



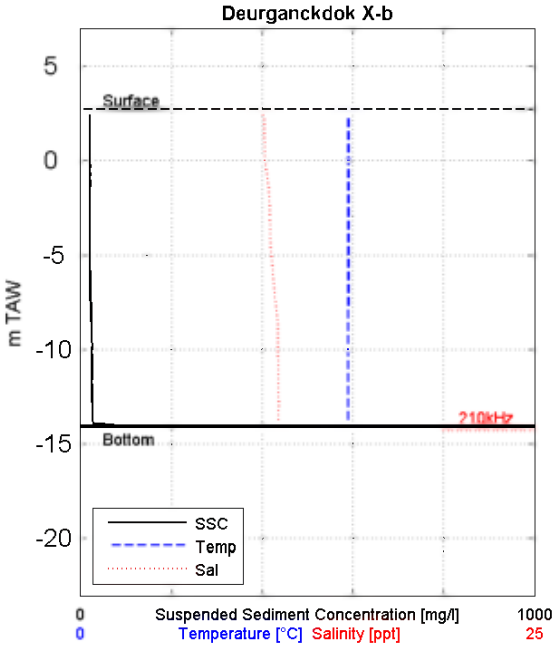

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

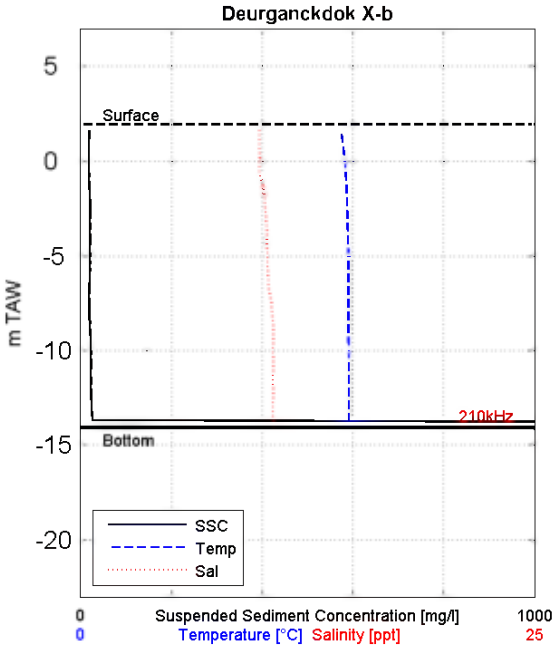
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1098Xb_ctd.sil<br>1113Xb_ctd.sil | Location: Deurganckdok |




**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 |

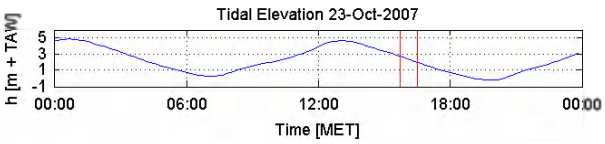
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.42 | 14.7 | 10.0 | 21 |
| 2.13 | 14.7 | 10.1 | 21 |
| 1.33 | 14.7 | 10.1 | 26 |
| 0.38 | 14.8 | 10.1 | 21 |
| -0.58 | 14.8 | 10.2 | 22 |
| -1.26 | 14.8 | 10.3 | 22 |
| -1.74 | 14.8 | 10.4 | 21 |
| -2.57 | 14.7 | 10.4 | 21 |
| -3.54 | 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** |



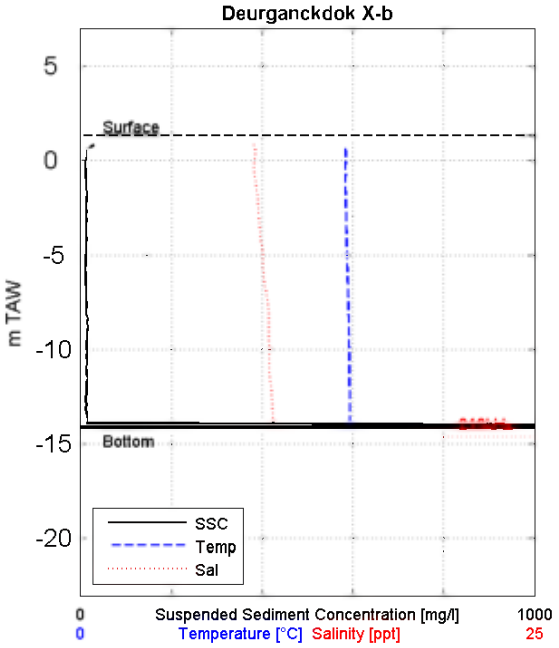

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

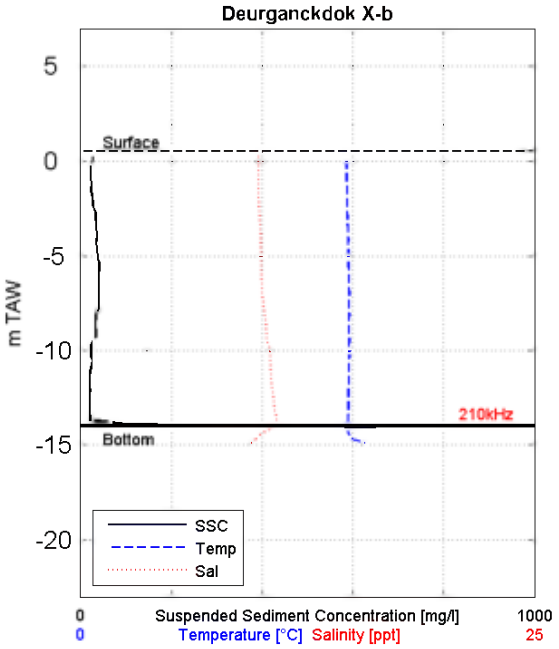
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1128Xb_ctd.sil<br>1144Xb_ctd.sil | Location: Deurganckdok |




**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 |

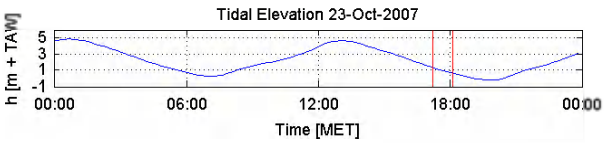
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.87 | 14.5 | 9.6 | 27 |
| 0.73 | 14.6 | 9.5 | 11 |
| 0.69 | 14.6 | 9.6 | 12 |
| 0.66 | 14.6 | 9.6 | 12 |
| 0.63 | 14.6 | 9.6 | 15 |
| 0.33 | 14.6 | 9.6 | 14 |
| -0.24 | 14.6 | 9.5 | 9 |
| -0.93 | 14.6 | 9.6 | 10 |
| -1.72 | 14.6 | 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** |



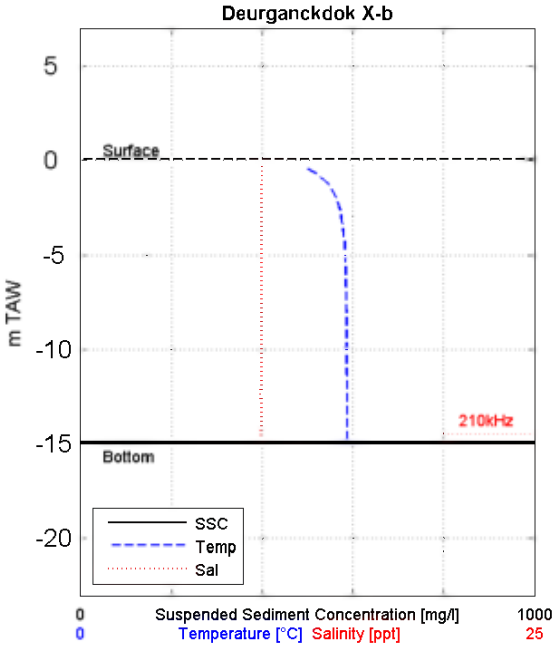

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

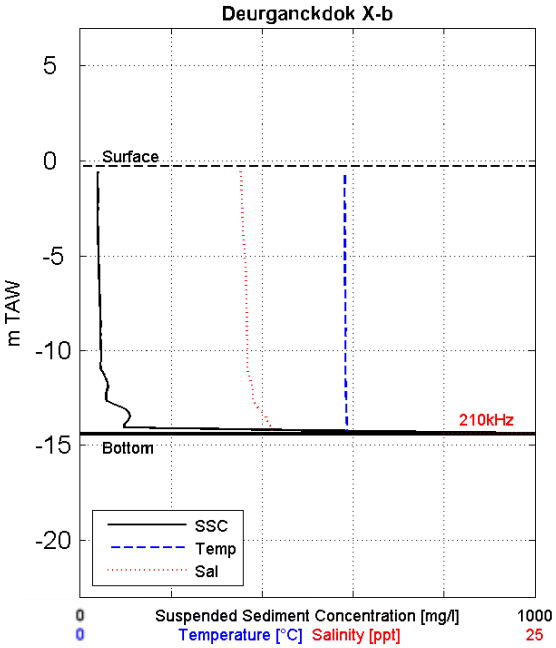
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1159Xb_ctd.sil<br>1174Xb_ctd.sil | Location: Deurganckdok |




**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 |

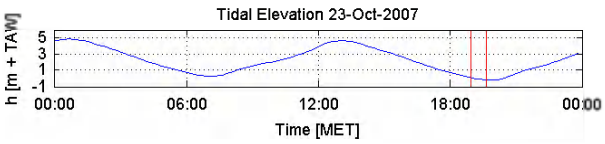
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.25 | 12.3 | 10.0 | NaN |
| -0.96 | 13.3 | 10.0 | NaN |
| -1.69 | 13.9 | 10.0 | NaN |
| -2.58 | 14.3 | 9.9 | NaN |
| -3.44 | 14.4 | 9.9 | NaN |
| -4.42 | 14.5 | 9.9 | NaN |
| -5.39 | 14.6 | 9.9 | NaN |
| -6.46 | 14.6 | 10.0 | NaN |
| -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

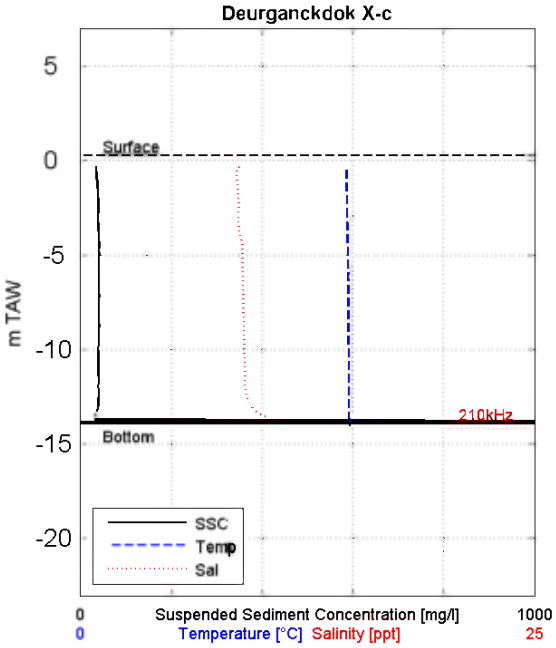
In association with :

I/RA/11283/07.086/MSA

## F.3 Location Xc

# Through tide measurements Siltprofiler 23 October 2007

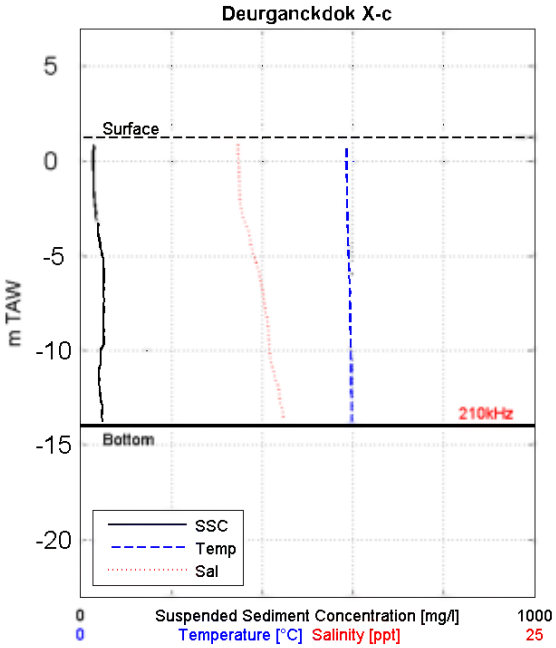
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1003Xc_ctd.sil<br>1018Xc_ctd.sil | Location: Deurganckdok |




**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 |

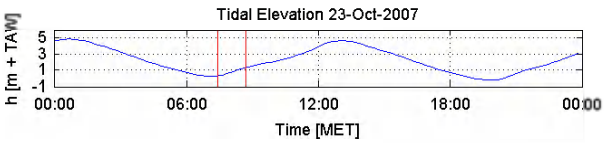
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.28 | 14.6 | NaN | 37 |
| -0.34 | 14.6 | 8.8 | 37 |
| -0.37 | 14.7 | 8.7 | 35 |
| -0.43 | 14.6 | 8.6 | 36 |
| -0.95 | 14.6 | 8.6 | 36 |
| -1.70 | 14.6 | 8.7 | 39 |
| -2.49 | 14.7 | 8.7 | 41 |
| -3.16 | 14.7 | 8.7 | 41 |
| -3.91 | 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** |



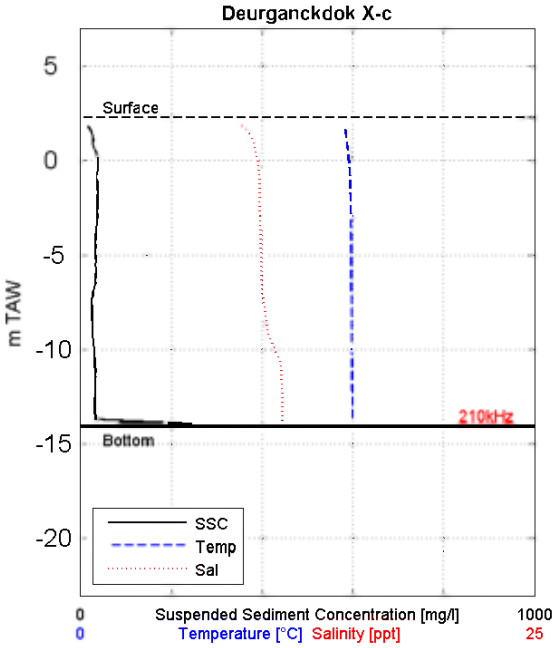

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

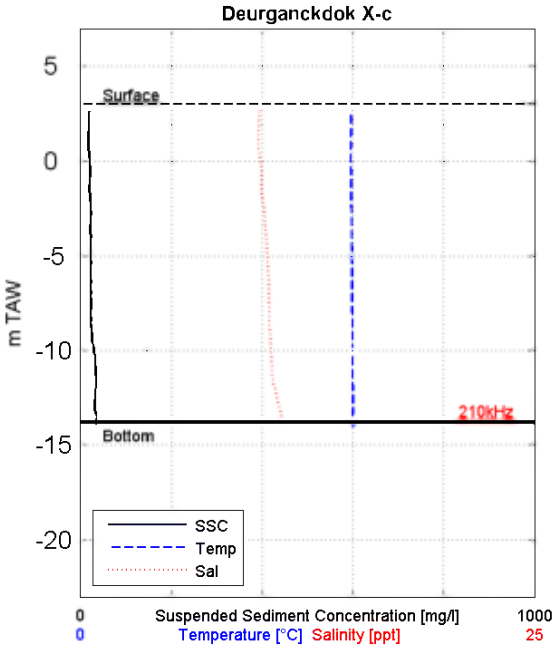
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1034Xc_ctd.sil<br>1049Xc_ctd.sil | Location: Deurganckdok |




**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 |

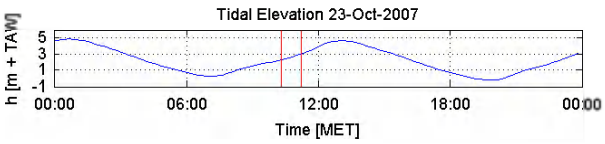
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.85 | 14.4 | 9.1 | 19 |
| 1.77 | 14.6 | 8.8 | 18 |
| 1.74 | 14.5 | 9.0 | 19 |
| 1.71 | 14.5 | 9.1 | 19 |
| 1.17 | 14.6 | 9.4 | 29 |
| 0.08 | 14.7 | 9.7 | 39 |
| -1.12 | 14.8 | 9.8 | 37 |
| -2.26 | 14.8 | 9.8 | 40 |
| -3.35 | 14.9 | 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** |



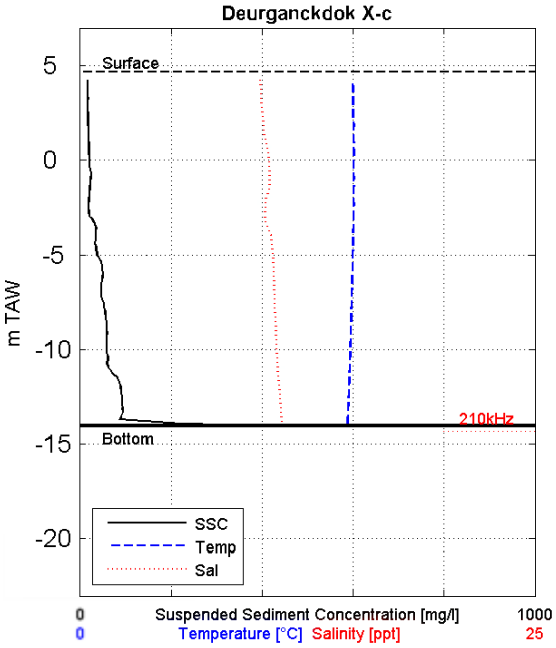

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

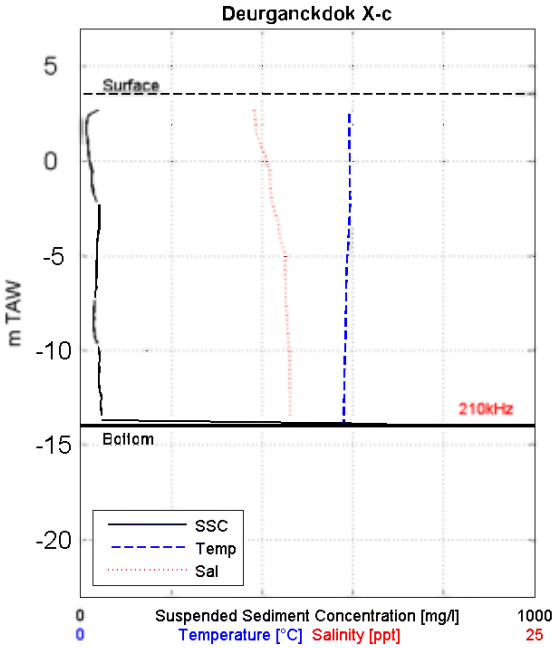
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1066Xc_ctd.sil<br>1082Xc_ctd.sil | Location: Deurganckdok |




**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 |

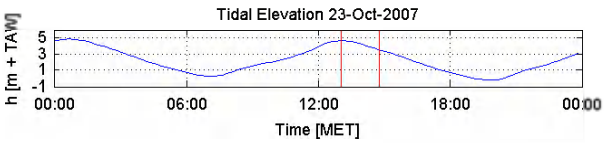
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 4.35 | 14.9 | NaN | 17 |
| 4.25 | 15.0 | 9.9 | 19 |
| 4.21 | 15.0 | 9.9 | 17 |
| 4.18 | 15.0 | 9.9 | 17 |
| 4.14 | 15.0 | 9.9 | 19 |
| 4.11 | 15.0 | 9.9 | 17 |
| 4.08 | 14.9 | 9.9 | 18 |
| 4.04 | 15.0 | 9.9 | 19 |
| 3.31 | 15.0 | 9.9 | 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** |



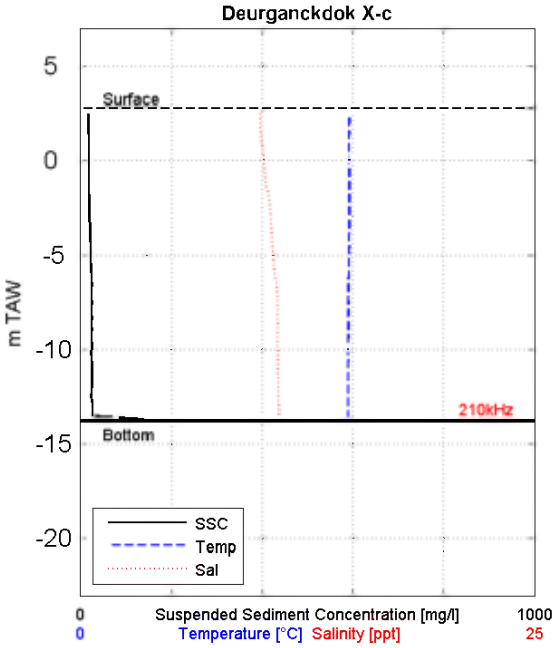

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

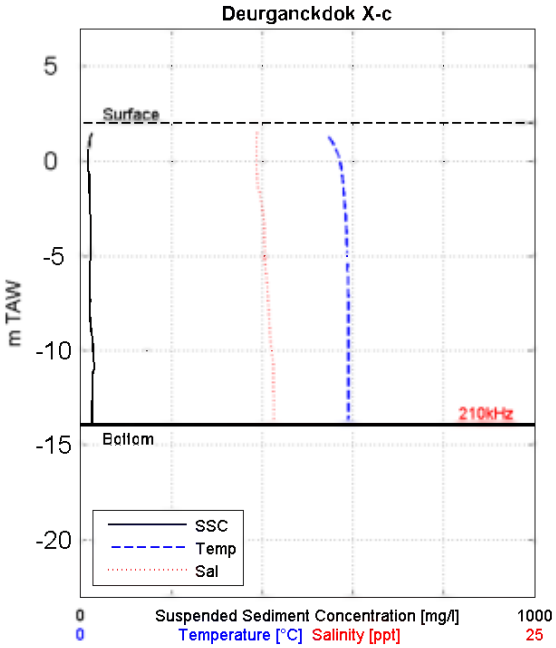
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1097Xc_ctd.sil<br>1112Xc_ctd.sil | Location: Deurganckdok |




**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 |

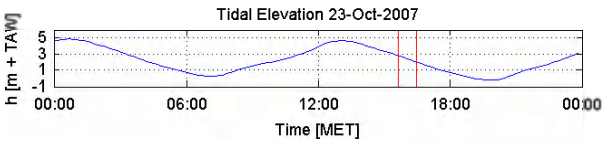
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.47 | 14.8 | 9.9 | 19 |
| 1.90 | 14.8 | 9.8 | 19 |
| 1.05 | 14.8 | 9.9 | 18 |
| 0.30 | 14.7 | 10.0 | 19 |
| -0.46 | 14.8 | 10.1 | 19 |
| -1.31 | 14.8 | 10.2 | 21 |
| -2.13 | 14.8 | 10.4 | 21 |
| -2.98 | 14.8 | 10.4 | 21 |
| -3.79 | 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** |



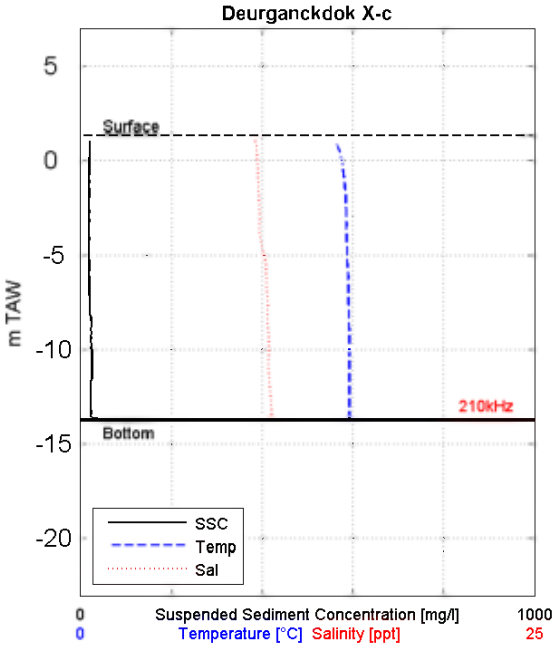

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

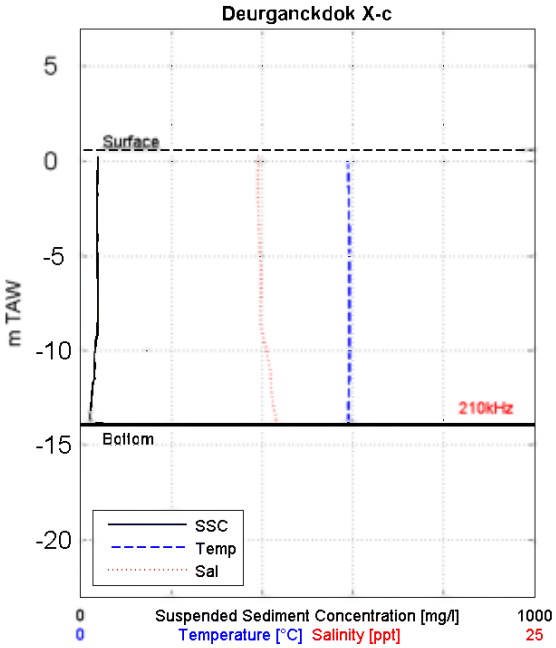
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1127Xc_ctd.sil<br>1143Xc_ctd.sil | Location: Deurganckdok |




**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 |

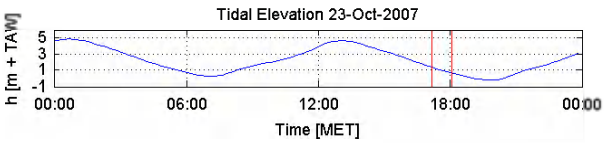
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.03 | 14.4 | 9.6 | 21 |
| 0.59 | 14.2 | 9.7 | 21 |
| -0.03 | 14.4 | 9.7 | 21 |
| -0.88 | 14.5 | 9.8 | 21 |
| -1.54 | 14.5 | 9.8 | 21 |
| -2.24 | 14.6 | 9.8 | 19 |
| -3.08 | 14.6 | 9.8 | 21 |
| -3.84 | 14.6 | 9.8 | 19 |
| -4.64 | 14.7 | 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** |



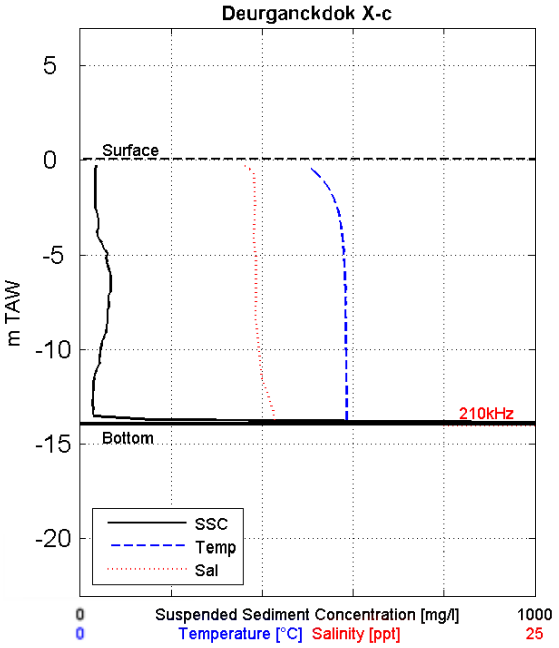

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

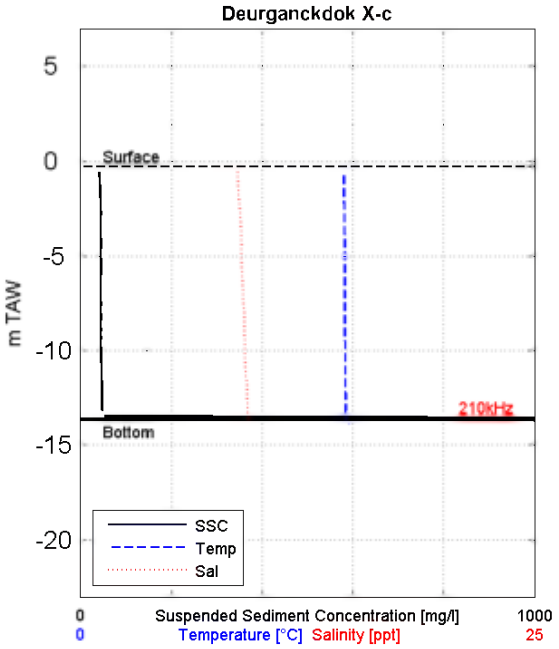
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1158Xc_ctd.sil<br>1173Xc_ctd.sil | Location: Deurganckdok |




**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 |

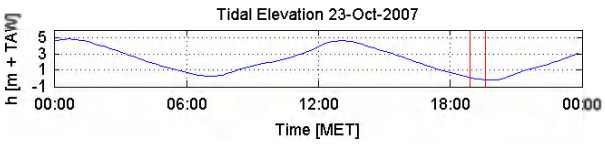
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.24 | 12.4 | 8.9 | 36 |
| -0.91 | 13.2 | 9.5 | 35 |
| -1.63 | 13.8 | 9.6 | 35 |
| -2.39 | 14.1 | 9.6 | 35 |
| -3.17 | 14.3 | 9.6 | 40 |
| -3.98 | 14.4 | 9.5 | 36 |
| -4.77 | 14.5 | 9.6 | 55 |
| -5.46 | 14.5 | 9.7 | 59 |
| -6.29 | 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: IMDC

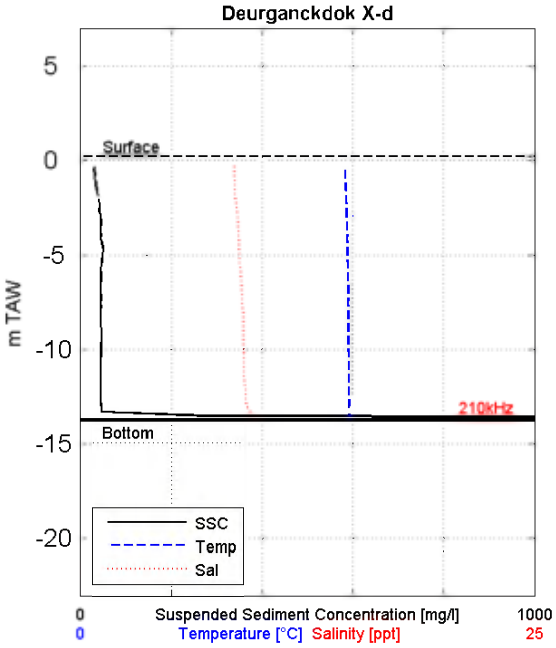
In association with :

I/RA/11283/07.086/MSA

## F.4 Location Xd

# Through tide measurements Siltprofiler 23 October 2007

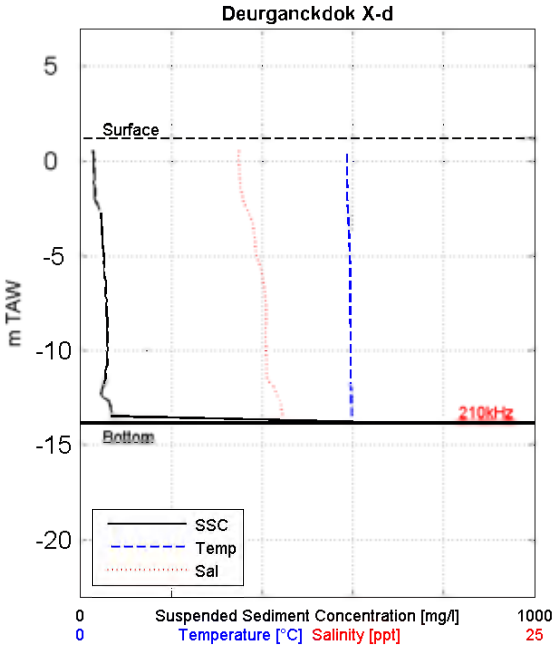
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1002Xd_ctd.sil<br>1017Xd_ctd.sil | Location: Deurganckdok |




**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 |

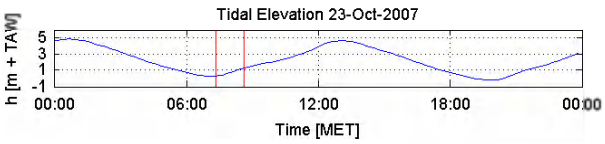
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.23 | 14.6 | NaN | 32 |
| -0.32 | 14.6 | 8.4 | 31 |
| -0.36 | 14.6 | 8.4 | 34 |
| -0.56 | 14.5 | 8.5 | 33 |
| -1.25 | 14.6 | 8.5 | 34 |
| -2.07 | 14.6 | 8.5 | 41 |
| -3.20 | 14.6 | 8.6 | 48 |
| -4.40 | 14.7 | 8.7 | 51 |
| -5.62 | 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** |



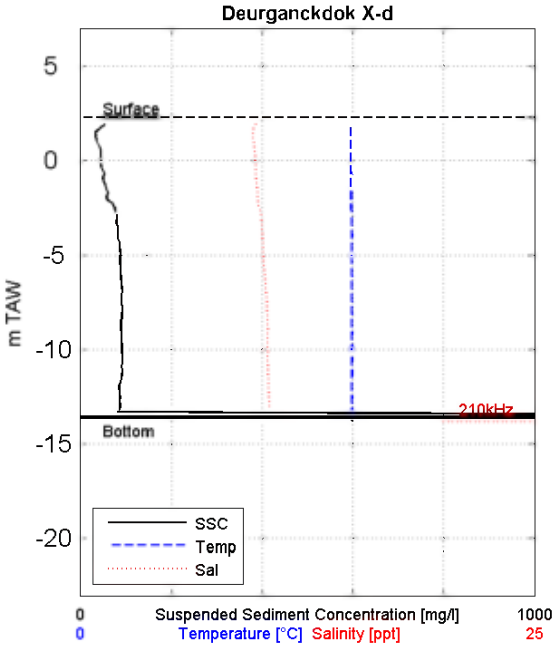

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

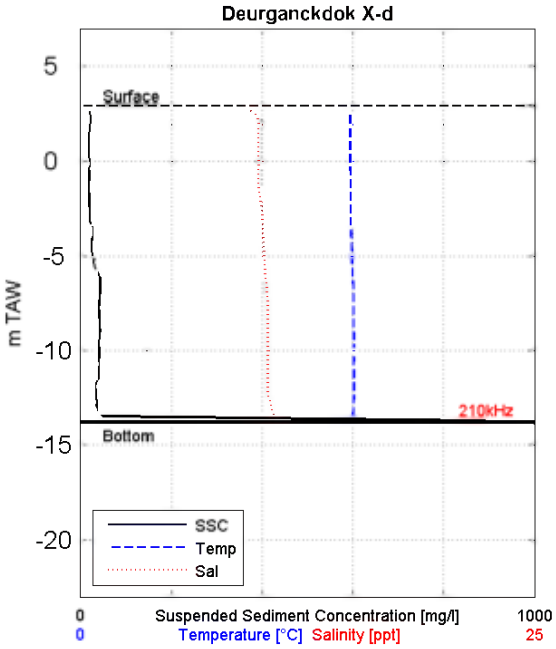
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1033Xd_ctd.sil<br>1048Xd_ctd.sil | Location: Deurganckdok |




**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 |

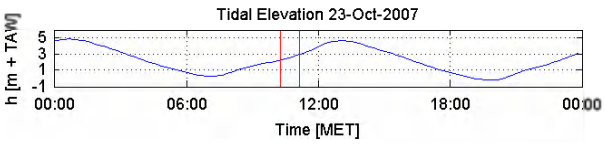
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.97 | 14.8 | 9.7 | 58 |
| 1.94 | 14.9 | 9.6 | 56 |
| 1.89 | 14.9 | 9.6 | 41 |
| 1.46 | 14.8 | 9.5 | 34 |
| 0.68 | 14.8 | 9.5 | 45 |
| -0.28 | 14.9 | 9.6 | 47 |
| -1.09 | 14.9 | 9.7 | 52 |
| -1.99 | 14.9 | 9.7 | 59 |
| -2.88 | 14.9 | 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** |



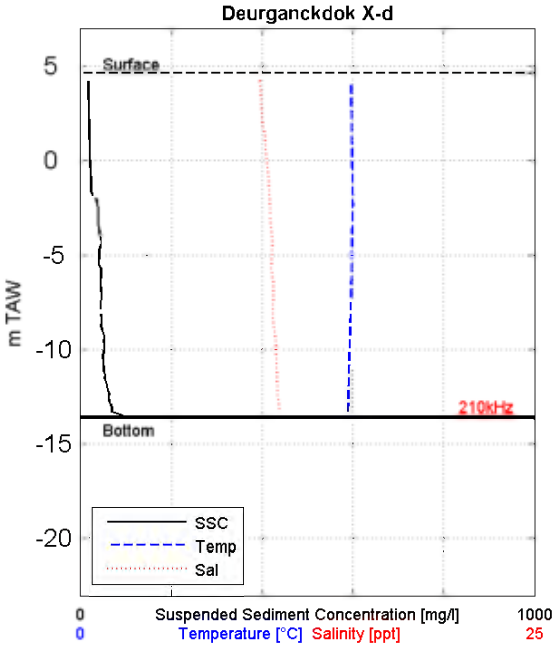

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

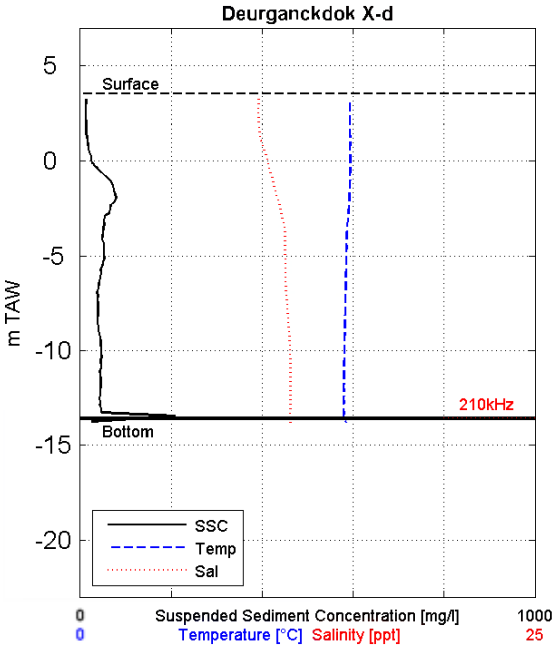
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1063Xd_ctd.sil<br>1081Xd_ctd.sil | Location: Deurganckdok |




**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 |

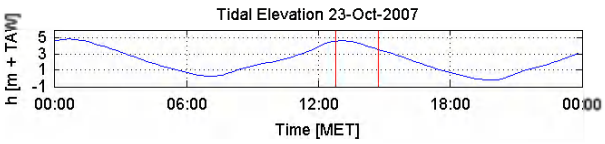
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 4.24 | 14.9 | NaN | 19 |
| 4.17 | 14.9 | 10.0 | 19 |
| 4.14 | 14.9 | 9.9 | 20 |
| 4.11 | 14.9 | 9.9 | 19 |
| 4.07 | 14.9 | 9.9 | 19 |
| 3.17 | 14.9 | 9.9 | 17 |
| 1.95 | 14.9 | 10.0 | 21 |
| 0.78 | 14.9 | 10.2 | 22 |
| -0.44 | 14.9 | 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** |



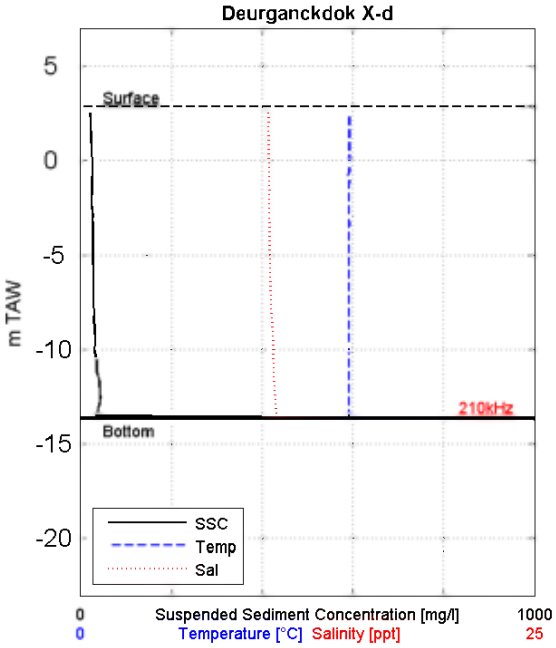

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

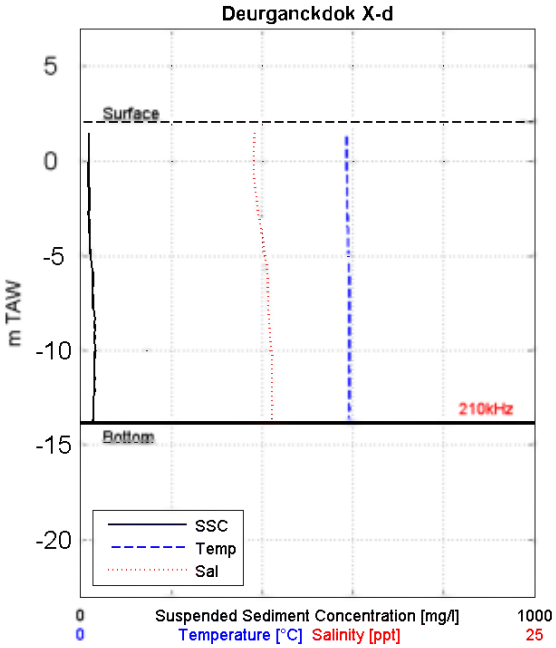
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1096Xd_ctd.sil<br>1111Xd_ctd.sil | Location: Deurganckdok |




**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 |

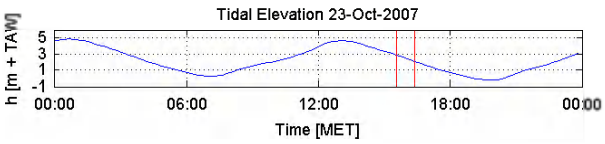
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.56 | 14.7 | 10.3 | 23 |
| 2.49 | 14.8 | 10.3 | 23 |
| 1.98 | 14.8 | 10.3 | 23 |
| 1.30 | 14.8 | 10.3 | 24 |
| 0.61 | 14.8 | 10.4 | 26 |
| -0.09 | 14.8 | 10.4 | 29 |
| -0.76 | 14.8 | 10.4 | 28 |
| -1.61 | 14.8 | 10.4 | 27 |
| -2.58 | 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** |



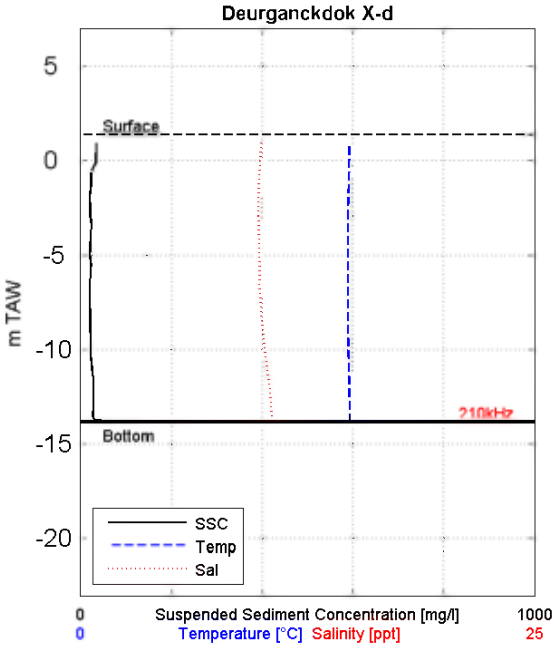

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

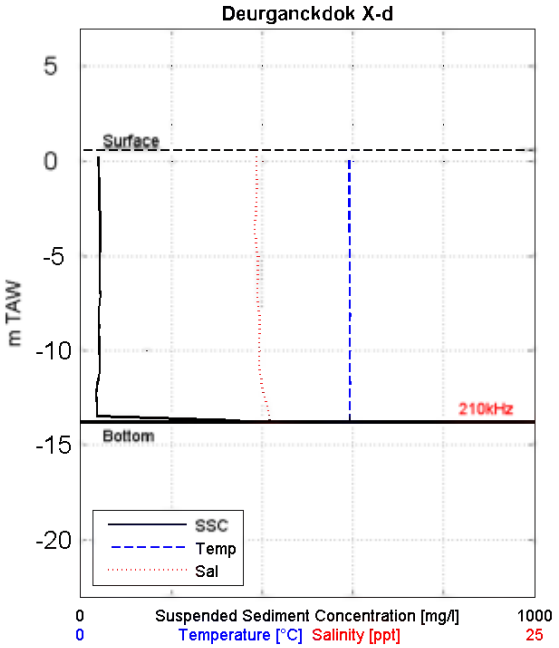
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1126Xd_ctd.sil<br>1142Xd_ctd.sil | Location: Deurganckdok |




**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 |

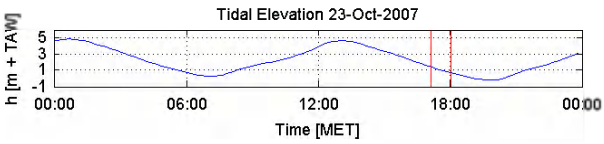
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.00 | 14.8 | 9.9 | 35 |
| 0.26 | 14.8 | 9.9 | 36 |
| -0.49 | 14.8 | 9.8 | 26 |
| -1.22 | 14.7 | 9.8 | 24 |
| -2.11 | 14.7 | 9.8 | 21 |
| -2.93 | 14.8 | 9.8 | 22 |
| -3.72 | 14.7 | 9.8 | 23 |
| -4.62 | 14.7 | 9.8 | 22 |
| -5.48 | 14.7 | 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** |



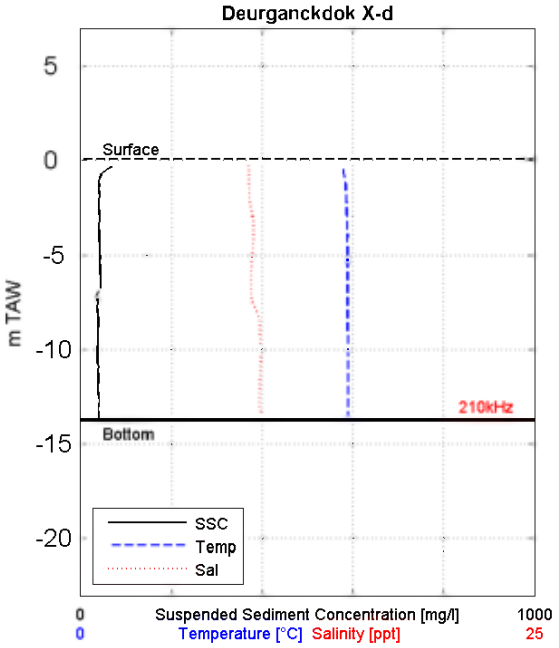

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

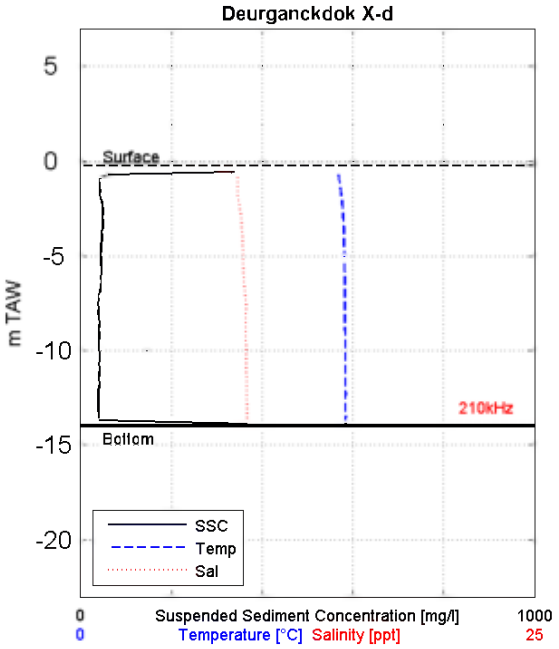
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1157Xd_ctd.sil<br>1172Xd_ctd.sil | Location: Deurganckdok |




**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 |

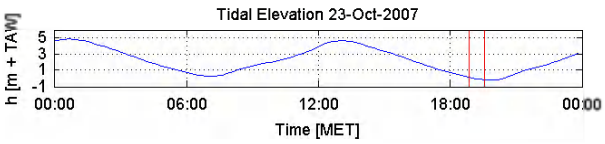
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.23 | 14.4 | 9.2 | 86 |
| -0.79 | 14.5 | 9.3 | 48 |
| -1.44 | 14.5 | 9.3 | 43 |
| -2.23 | 14.7 | 9.3 | 41 |
| -2.95 | 14.8 | 9.4 | 43 |
| -3.66 | 14.7 | 9.5 | 43 |
| -4.36 | 14.6 | 9.5 | 44 |
| -5.10 | 14.7 | 9.4 | 45 |
| -5.83 | 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: IMDC

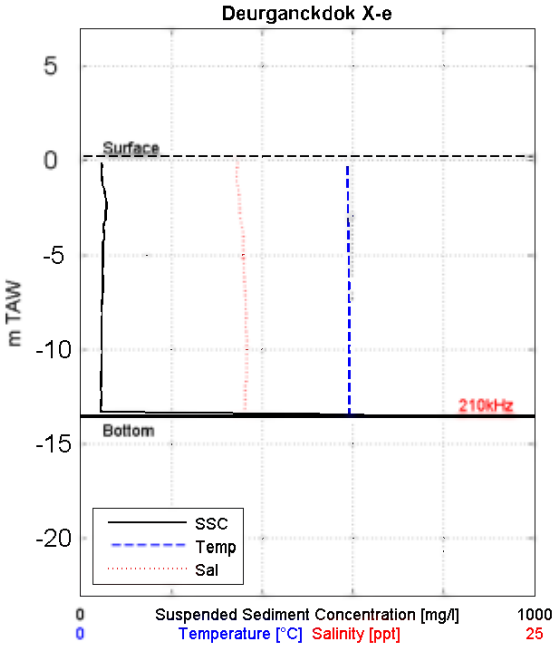
In association with :

I/RA/11283/07.086/MSA

## F.5 Location Xe

# Through tide measurements Siltprofiler 23 October 2007

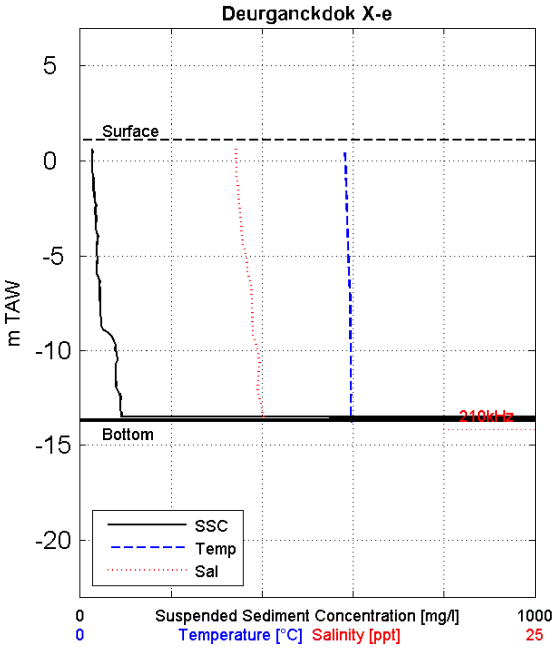
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1001Xe_ctd.sil<br>1016Xe_ctd.sil | Location: Deurganckdok |




**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 |

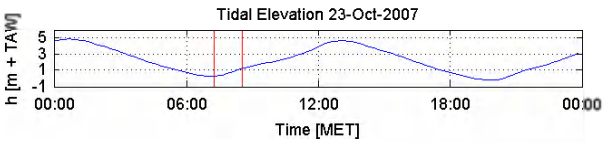
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.09 | 14.6 | 8.6 | 51 |
| -0.21 | 14.7 | 8.9 | 48 |
| -0.25 | 14.7 | 8.7 | 48 |
| -0.28 | 14.7 | 8.6 | 48 |
| -0.36 | 14.7 | 8.6 | 48 |
| -1.04 | 14.6 | 8.6 | 49 |
| -1.87 | 14.7 | 8.7 | 52 |
| -2.76 | 14.7 | 8.8 | 56 |
| -3.63 | 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** |



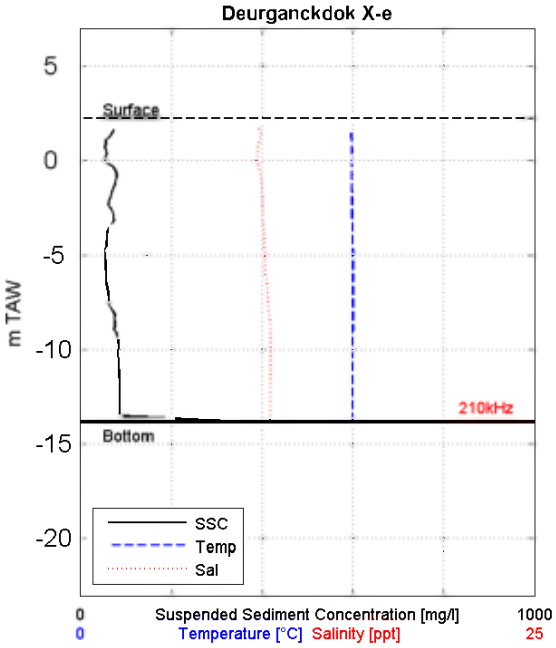

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

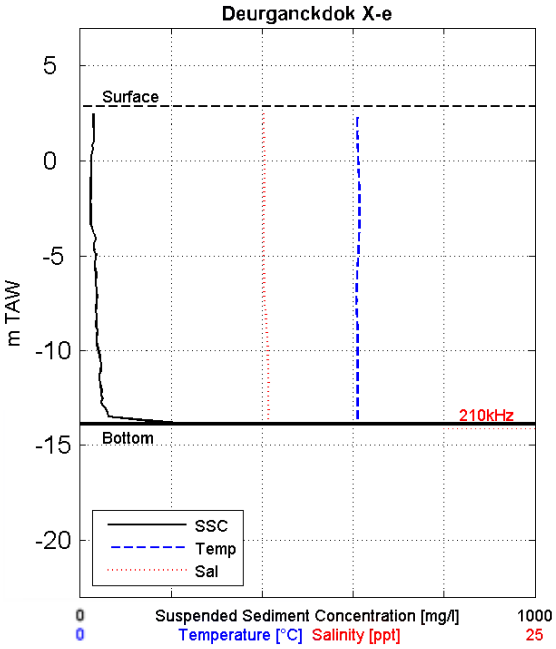
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1032Xe_ctd.sil<br>1047Xe_ctd.sil | Location: Deurganckdok |




**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 |

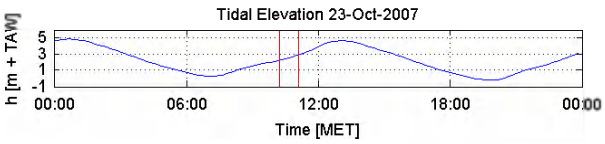
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.74 | 14.9 | NaN | 75 |
| 1.66 | 14.9 | 9.9 | 79 |
| 1.63 | 14.9 | 9.8 | 71 |
| 1.60 | 14.9 | 9.9 | 75 |
| 1.53 | 14.9 | 9.9 | 73 |
| 0.86 | 14.9 | 9.8 | 54 |
| -0.07 | 14.9 | 9.7 | 53 |
| -1.20 | 14.9 | 9.9 | 76 |
| -2.29 | 14.9 | 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** |



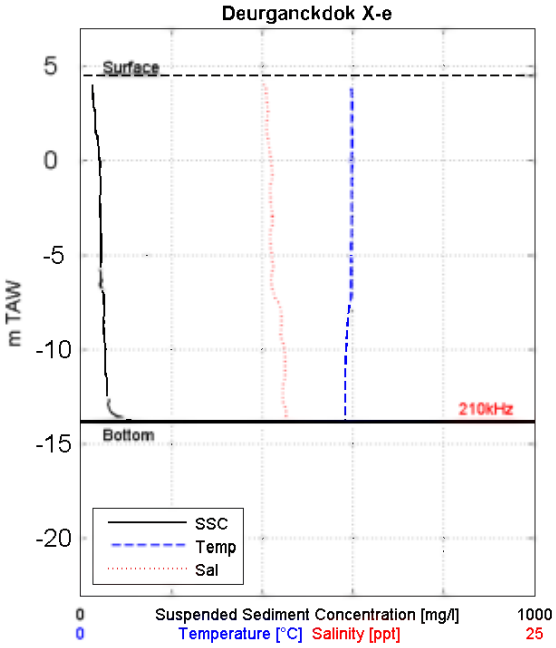

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

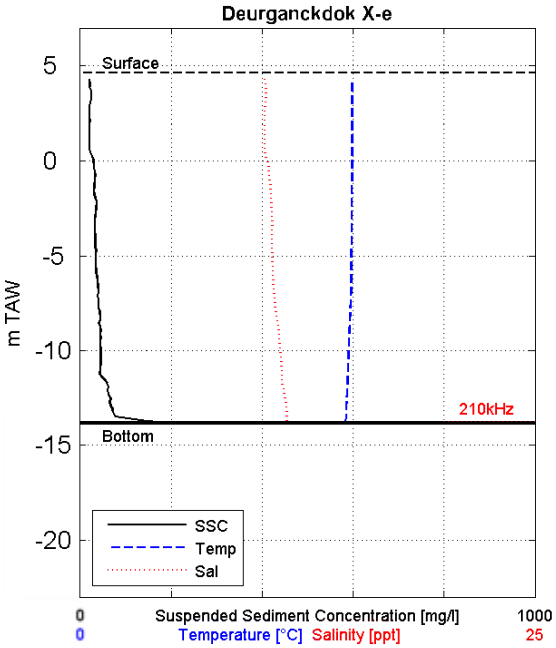
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1062Xe_ctd.sil<br>1064Xe_ctd.sil | Location: Deurganckdok |




**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 |

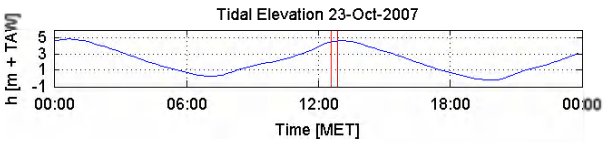
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 4.02 | 14.8 | NaN | 22 |
| 3.95 | 14.9 | 10.2 | 28 |
| 3.85 | 14.9 | 10.2 | 28 |
| 2.97 | 14.9 | 10.3 | 31 |
| 1.98 | 14.9 | 10.2 | 32 |
| 1.02 | 14.9 | 10.3 | 37 |
| -0.06 | 14.9 | 10.5 | 44 |
| -1.26 | 14.9 | 10.5 | 45 |
| -2.41 | 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** |



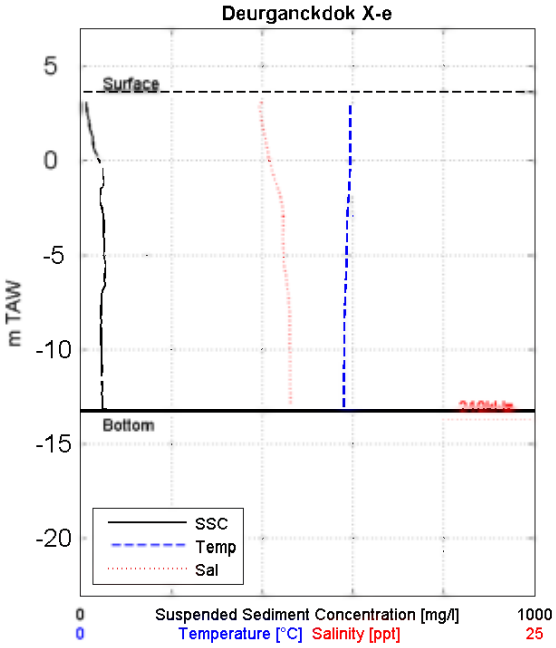

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

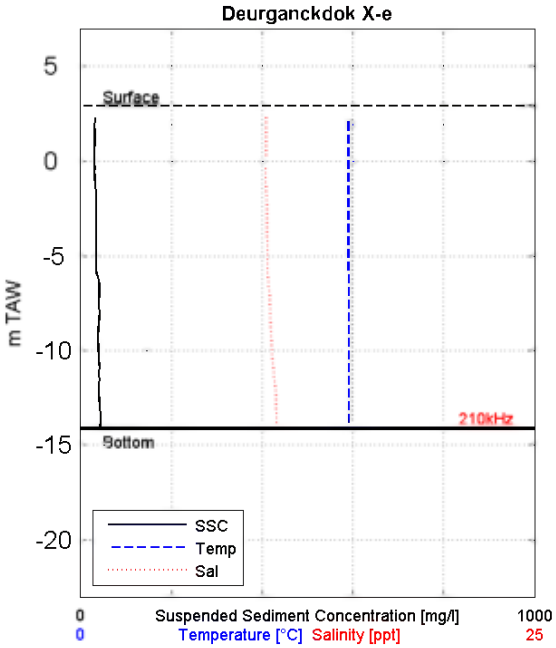
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1080Xe_ctd.sil<br>1095Xe_ctd.sil | Location: Deurganckdok |




**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 |

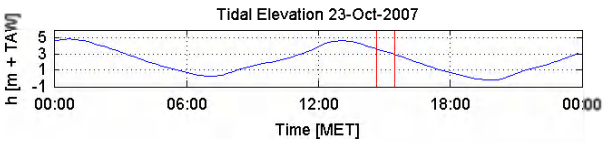
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 3.19 | 14.8 | NaN | 14 |
| 3.11 | 14.8 | 10.0 | 14 |
| 3.08 | 14.8 | 9.9 | 15 |
| 3.04 | 14.9 | 9.9 | 10 |
| 3.01 | 14.8 | 9.9 | 13 |
| 2.93 | 14.9 | 9.8 | 14 |
| 2.25 | 14.9 | 9.9 | 18 |
| 1.26 | 14.8 | 10.1 | 28 |
| 0.24 | 14.8 | 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** |



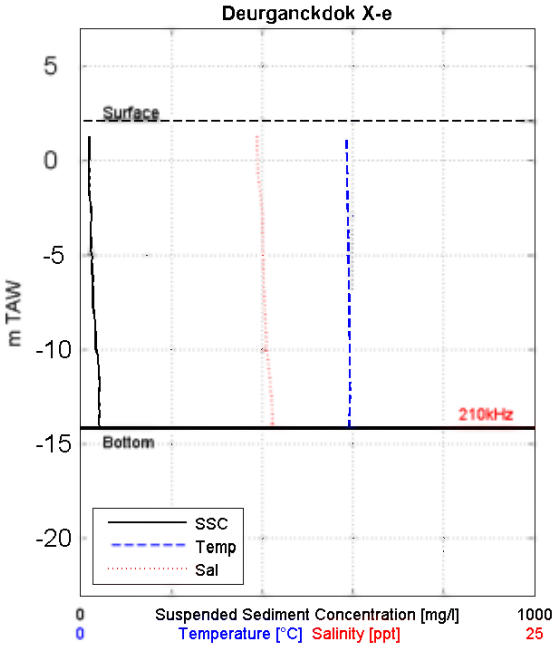

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

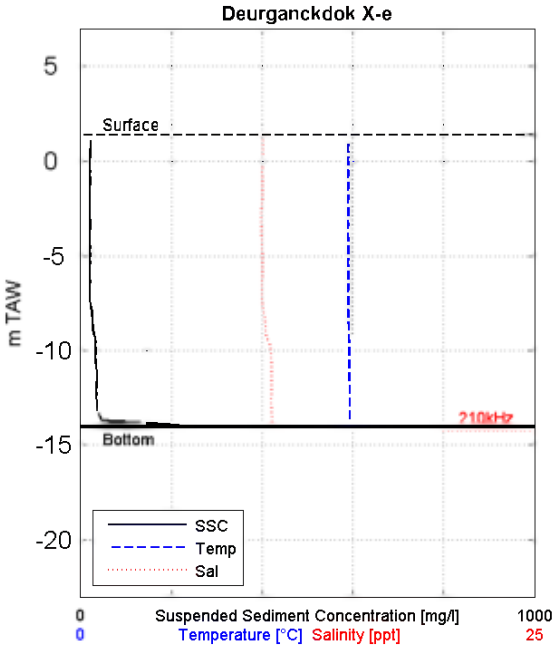
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1110Xe_ctd.sil<br>1125Xe_ctd.sil | Location: Deurganckdok |




**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 |

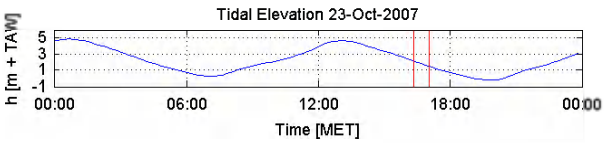
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.28 | 14.6 | 9.7 | 21 |
| 1.12 | 14.6 | 9.7 | 19 |
| 1.08 | 14.6 | 9.7 | 19 |
| 1.05 | 14.6 | 9.7 | 13 |
| 1.02 | 14.7 | 9.7 | 18 |
| 0.75 | 14.7 | 9.7 | 20 |
| 0.00 | 14.7 | 9.7 | 20 |
| -0.93 | 14.7 | 9.8 | 21 |
| -1.96 | 14.7 | 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** |



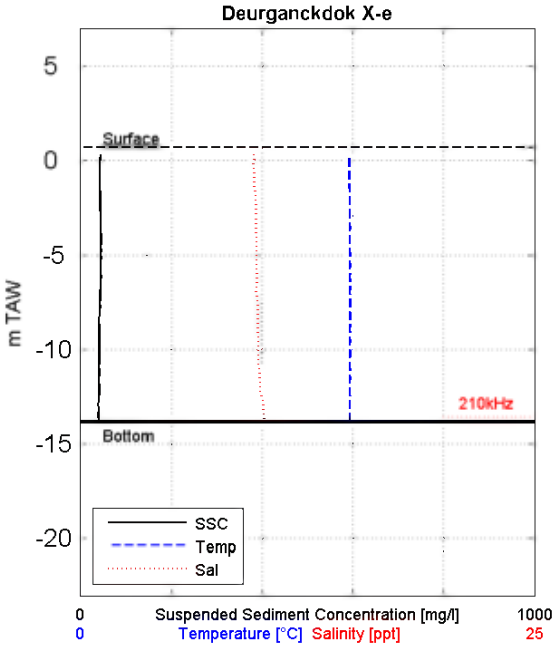

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

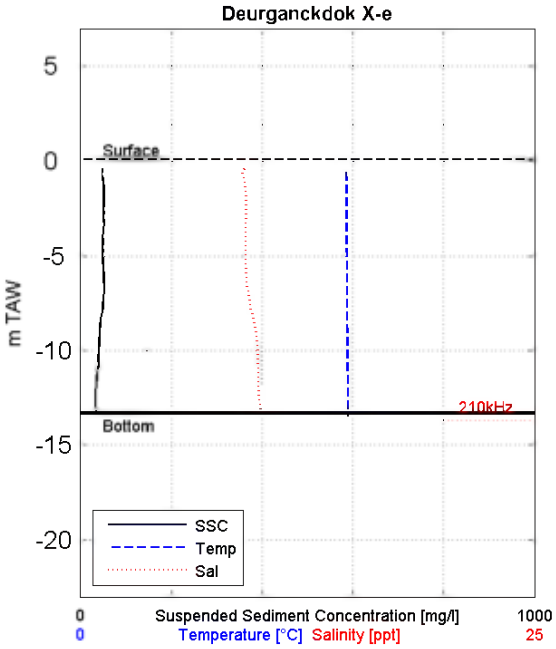
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1141Xe_ctd.sil<br>1156Xe_ctd.sil | Location: Deurganckdok |




**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 |

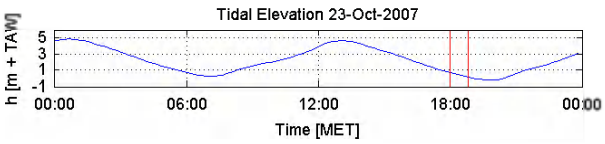
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.38 | 14.8 | 9.5 | 44 |
| 0.34 | 14.9 | 9.5 | 47 |
| 0.31 | 14.8 | 9.5 | 44 |
| 0.28 | 14.8 | 9.5 | 44 |
| 0.05 | 14.8 | 9.5 | 44 |
| -0.68 | 14.8 | 9.6 | 42 |
| -1.52 | 14.8 | 9.6 | 43 |
| -2.48 | 14.8 | 9.6 | 45 |
| -3.62 | 14.8 | 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** |



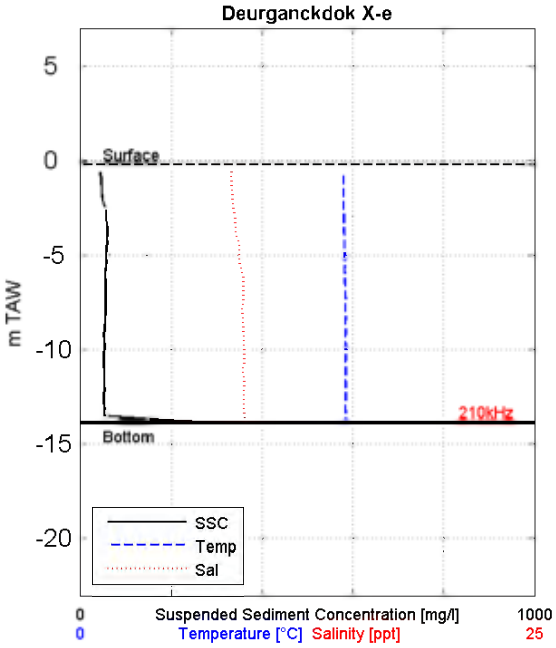

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

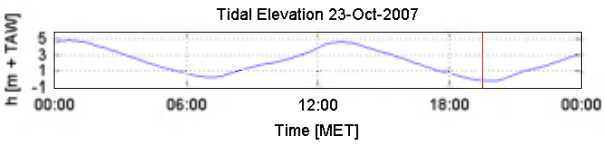
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1171Xe_ctd.sil | Location: Deurganckdok |




**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: IMDC

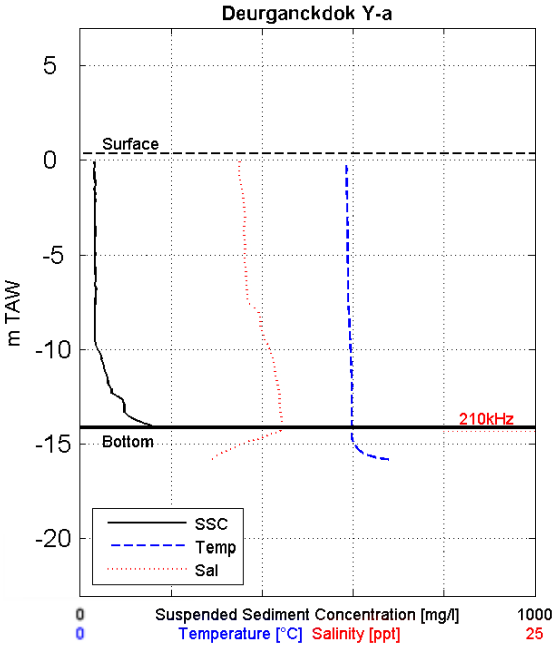
In association with :

I/RA/11283/07.086/MSA

## F.6 Location Ya

# Through tide measurements Siltprofiler 23 October 2007

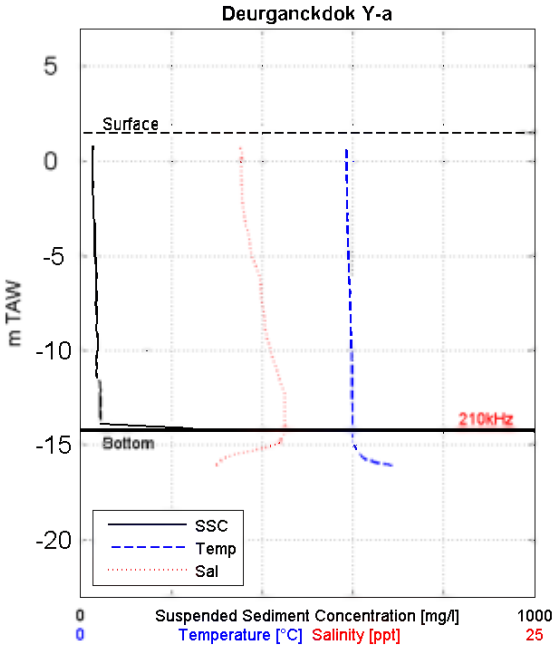
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1006Ya_ctd.sil<br>1021Ya_ctd.sil | Location: Deurganckdok |




**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 |

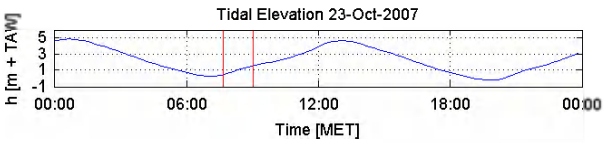
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.00 | 14.6 | NaN | 34 |
| -0.21 | 14.6 | 8.7 | 34 |
| -0.26 | 14.6 | 8.7 | 34 |
| -0.29 | 14.6 | 8.7 | 33 |
| -0.32 | 14.6 | 8.7 | 35 |
| -0.46 | 14.6 | 8.7 | 31 |
| -1.17 | 14.6 | 8.8 | 34 |
| -1.99 | 14.7 | 8.9 | 33 |
| -2.80 | 14.7 | 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** |



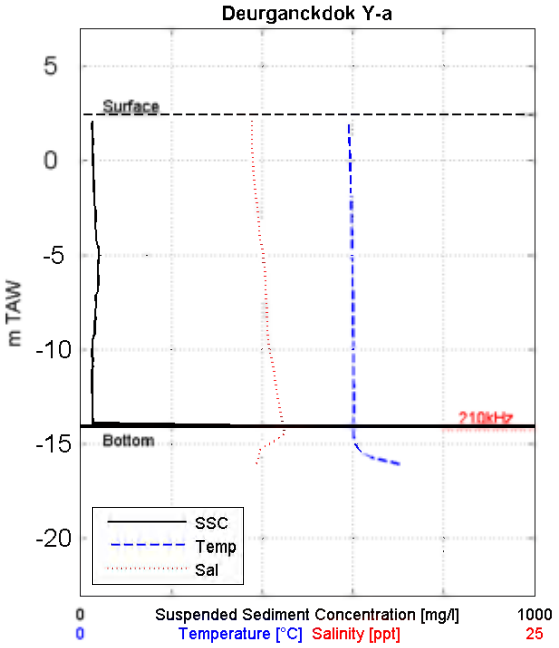

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

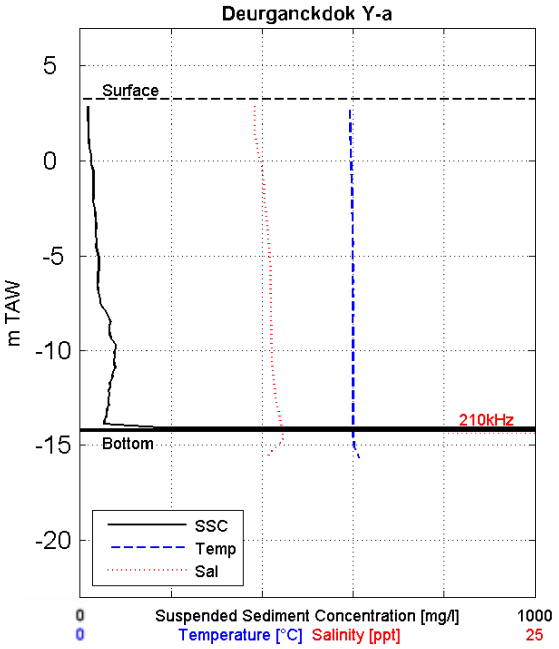
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1037Ya_ctd.sil<br>1052Ya_ctd.sil | Location: Deurganckdok |




**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 |

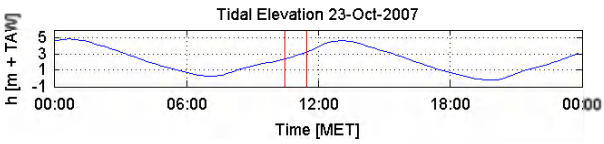
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.10 | 14.8 | 9.4 | 28 |
| 1.51 | 14.8 | 9.4 | 28 |
| 0.98 | 14.8 | 9.4 | 28 |
| 0.14 | 14.8 | 9.5 | 30 |
| -0.68 | 14.9 | 9.5 | 30 |
| -1.52 | 14.9 | 9.6 | 31 |
| -2.31 | 14.9 | 9.7 | 33 |
| -3.13 | 14.9 | 9.8 | 37 |
| -3.96 | 14.9 | 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** |



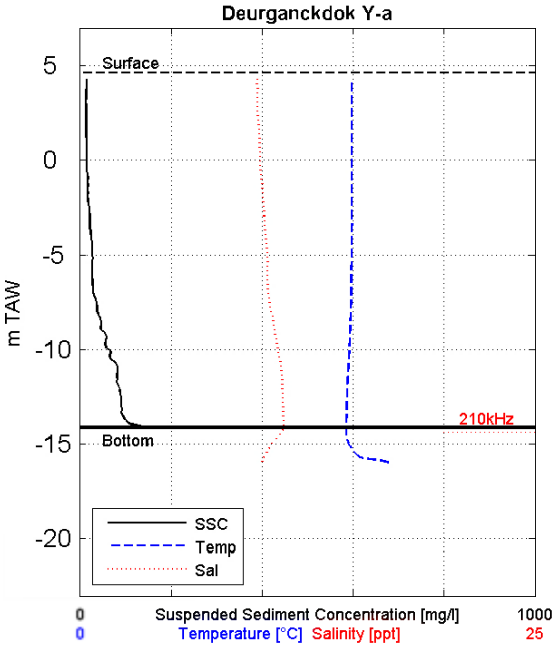

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

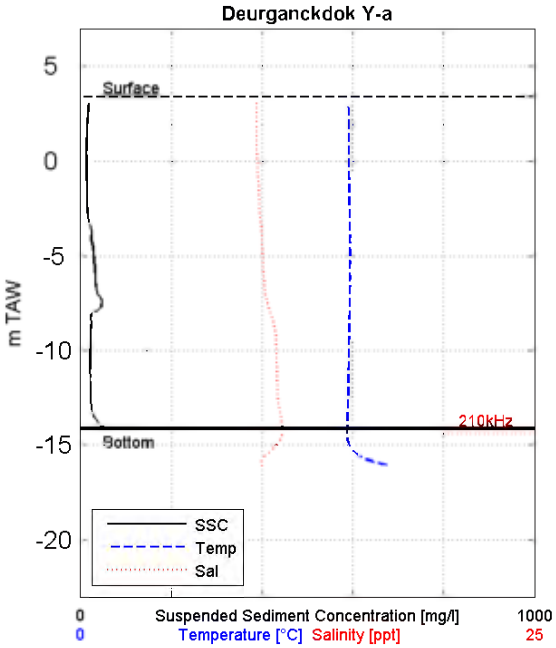
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1069Ya_ctd.sil<br>1085Ya_ctd.sil | Location: Deurganckdok |




**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 |

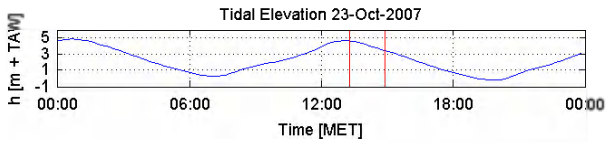
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 4.35 | 14.9 | NaN | 18 |
| 4.29 | 14.9 | 9.7 | 18 |
| 4.23 | 14.8 | 9.7 | 14 |
| 4.20 | 14.9 | 9.7 | 17 |
| 4.15 | 14.9 | 9.7 | 16 |
| 3.44 | 14.9 | 9.7 | 14 |
| 2.46 | 14.9 | 9.7 | 16 |
| 1.27 | 14.9 | 9.8 | 15 |
| 0.12 | 14.9 | 9.8 | 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** |



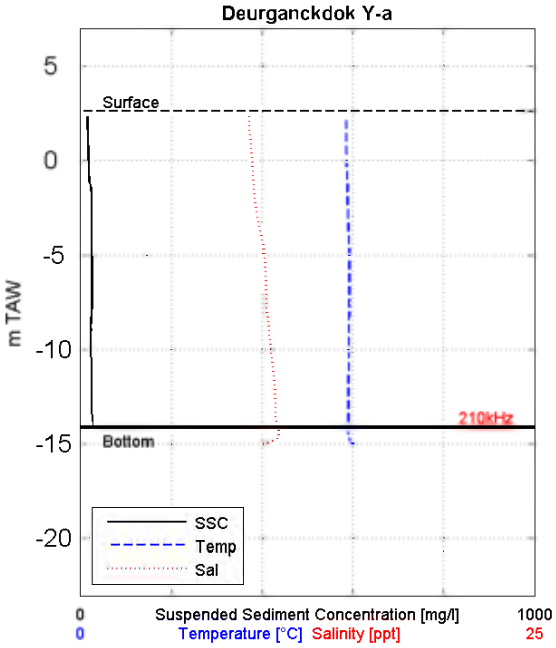

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

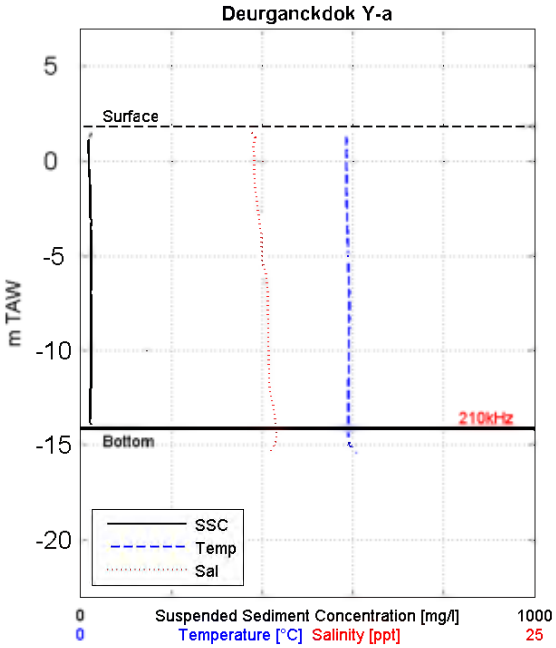
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1100Ya_ctd.sil<br>1115Ya_ctd.sil | Location: Deurganckdok |




**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 |

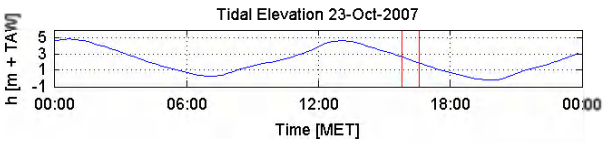
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.32 | 14.6 | 9.3 | 18 |
| 1.90 | 14.6 | 9.3 | 16 |
| 1.15 | 14.6 | 9.3 | 17 |
| 0.23 | 14.6 | 9.4 | 22 |
| -0.68 | 14.6 | 9.5 | 19 |
| -1.67 | 14.7 | 9.5 | 26 |
| -2.42 | 14.7 | 9.6 | 25 |
| -3.02 | 14.8 | 9.8 | 24 |
| -3.61 | 14.8 | 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** |



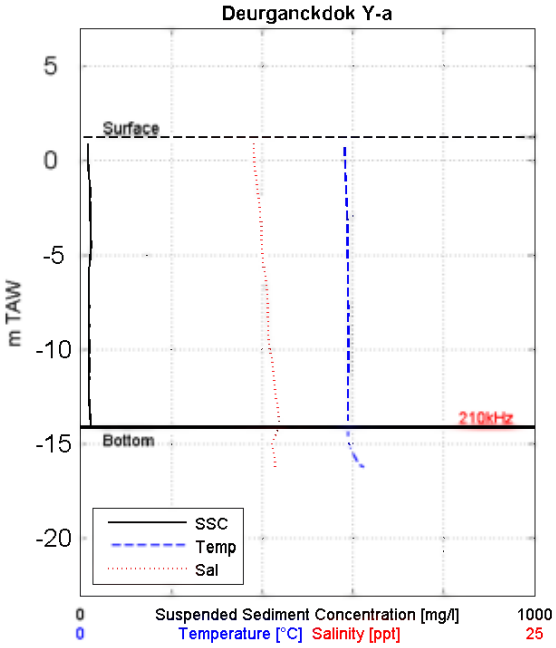

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

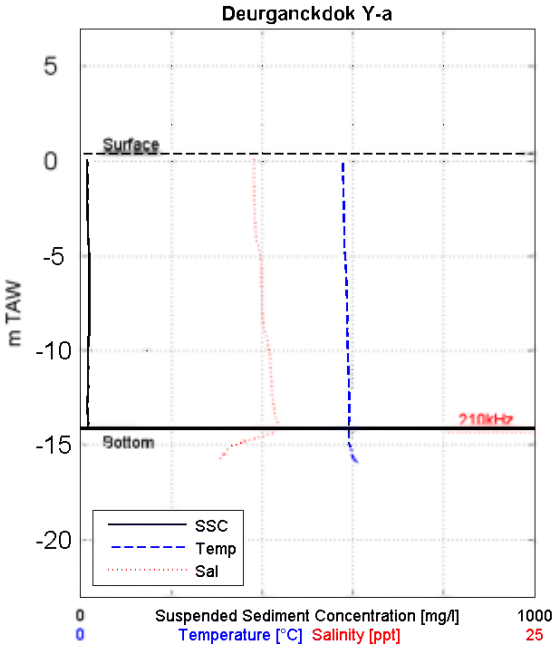
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1130Ya_ctd.sil<br>1146Ya_ctd.sil | Location: Deurganckdok |




**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 |

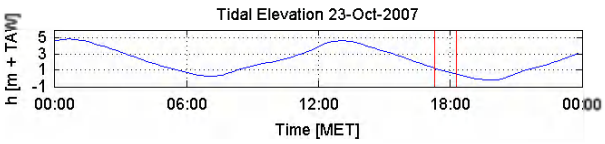
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.93 | 14.5 | 9.5 | 18 |
| 0.51 | 14.6 | 9.5 | 18 |
| -0.07 | 14.6 | 9.6 | 18 |
| -0.87 | 14.5 | 9.6 | 21 |
| -1.57 | 14.6 | 9.7 | 22 |
| -2.33 | 14.6 | 9.8 | 23 |
| -3.09 | 14.7 | 9.9 | 17 |
| -3.73 | 14.7 | 9.9 | 23 |
| -4.56 | 14.7 | 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** |



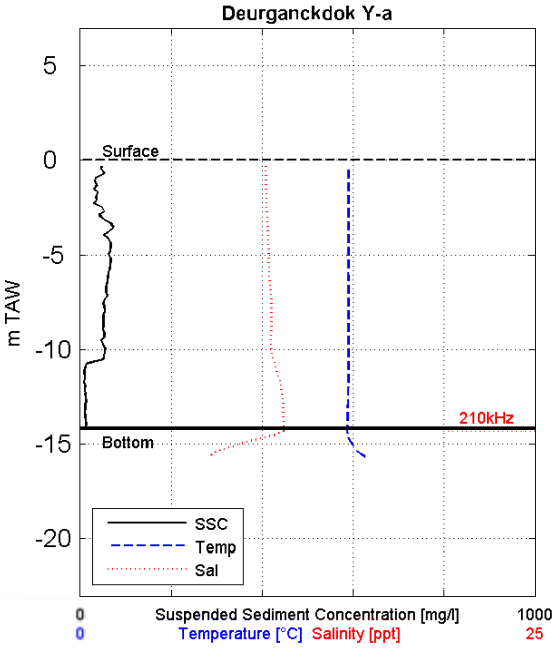

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

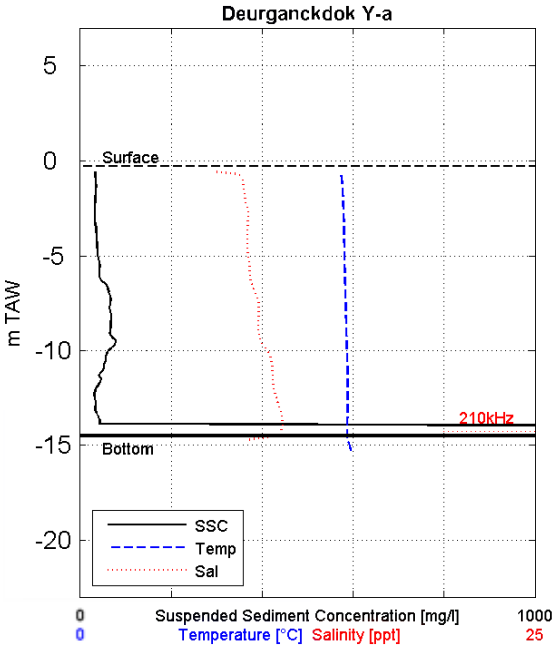
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1161Ya_ctd.sil<br>1176Ya_ctd.sil | Location: Deurganckdok |




**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 |

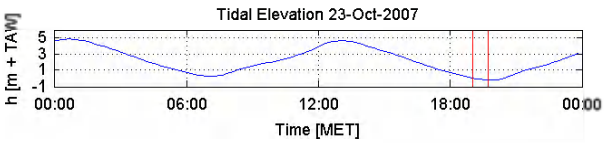
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.29 | 14.7 | 10.2 | 65 |
| -0.33 | 14.8 | 10.2 | 28 |
| -0.66 | 14.8 | 10.2 | 34 |
| -1.04 | 14.7 | 10.2 | 32 |
| -1.55 | 14.8 | 10.2 | 25 |
| -2.18 | 14.7 | 10.2 | 28 |
| -2.91 | 14.8 | 10.3 | 43 |
| -3.70 | 14.7 | 10.3 | 72 |
| -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: IMDC

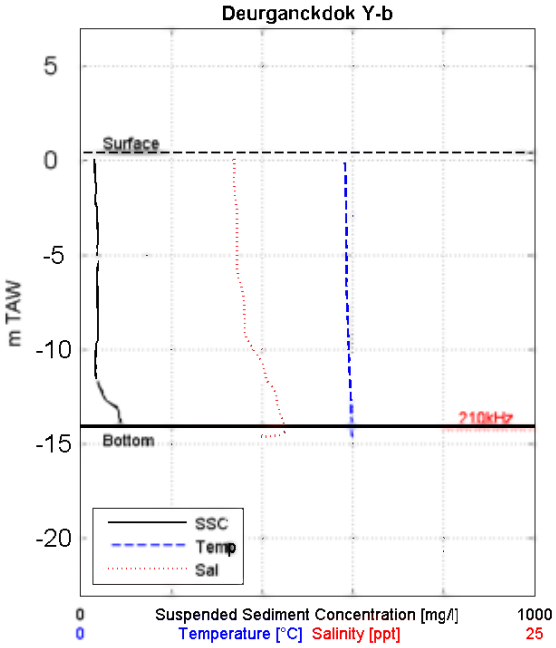
In association with :

I/RA/11283/07.086/MSA

## F.7 Location Yb

# Through tide measurements Siltprofiler 23 October 2007

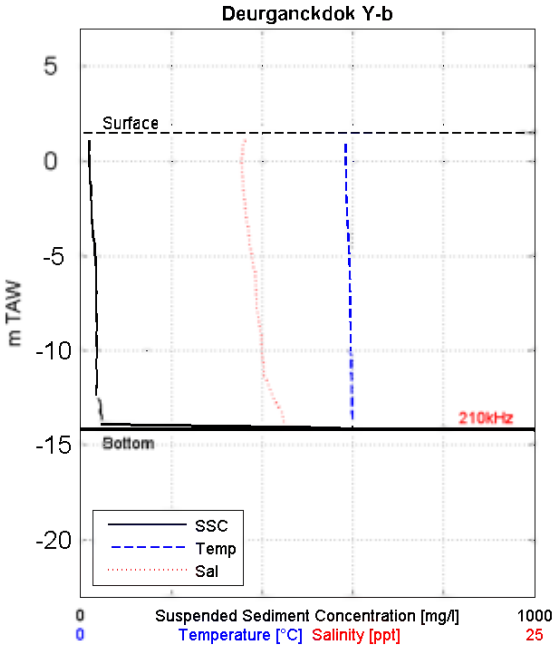
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1007Yb_ctd.sil<br>1022Yb_ctd.sil | Location: Deurganckdok |




**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 |

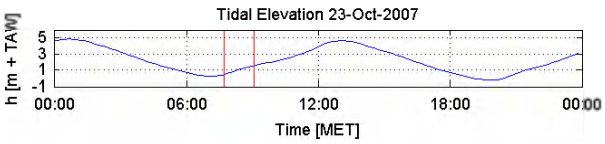
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.11 | 14.5 | NaN | 32 |
| 0.01 | 14.5 | 8.4 | 30 |
| -0.01 | 14.5 | 8.4 | 32 |
| -0.04 | 14.5 | 8.4 | 31 |
| -0.06 | 14.6 | 8.4 | 32 |
| -0.08 | 14.6 | 8.4 | 35 |
| -0.12 | 14.6 | 8.4 | 33 |
| -0.48 | 14.6 | 8.4 | 35 |
| -1.30 | 14.6 | 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** |



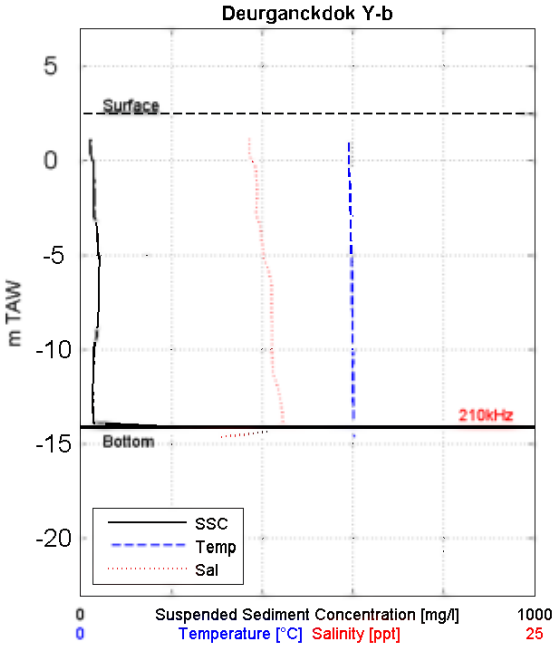

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

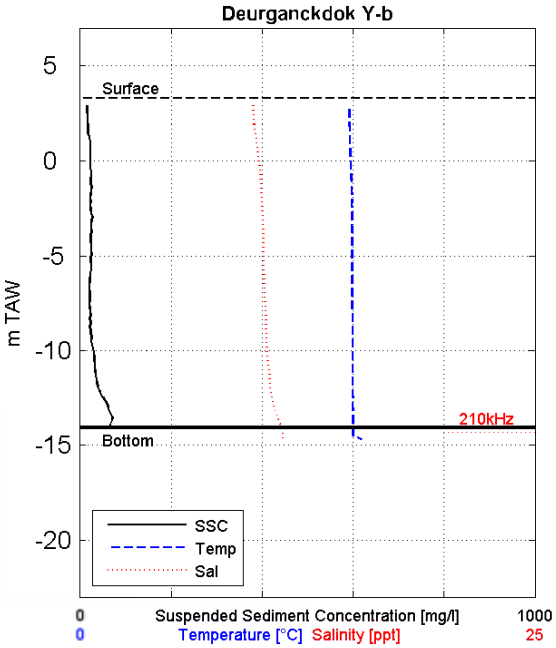
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1038Yb_ctd.sil<br>1053Yb_ctd.sil | Location: Deurganckdok |




**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 |

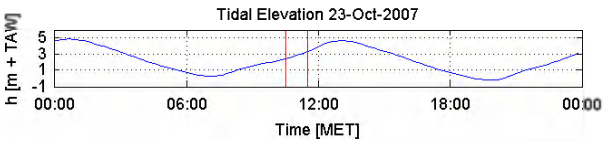
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.16 | 14.8 | 9.3 | 21 |
| 0.38 | 14.7 | 9.3 | 23 |
| -0.26 | 14.8 | 9.6 | 28 |
| -0.75 | 14.8 | 9.7 | 31 |
| -1.52 | 14.8 | 9.7 | 31 |
| -2.32 | 14.8 | 9.7 | 32 |
| -3.08 | 14.9 | 9.8 | 31 |
| -3.83 | 14.8 | 9.9 | 38 |
| -4.62 | 14.9 | 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** |



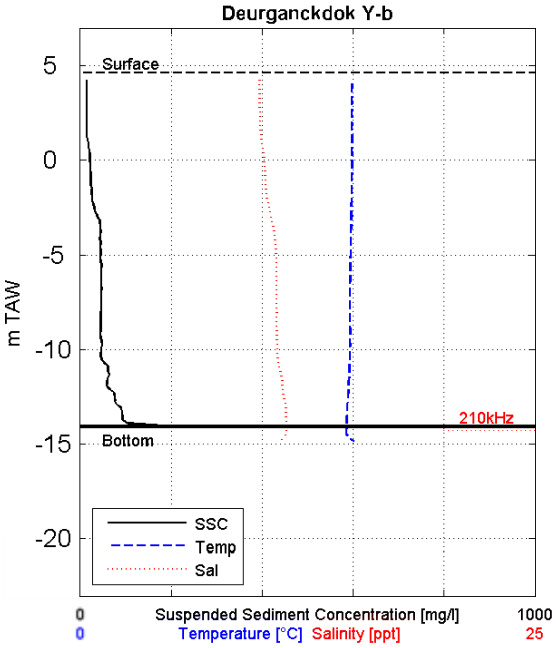

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

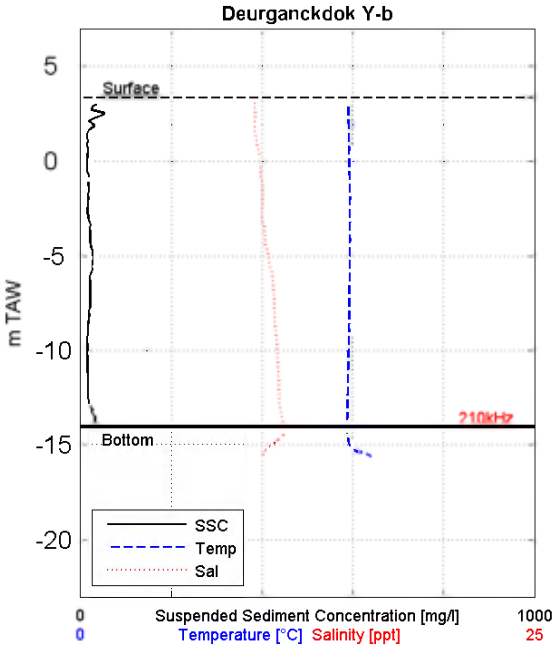
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1070Yb_ctd.sil<br>1086Yb_ctd.sil | Location: Deurganckdok |




**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 |

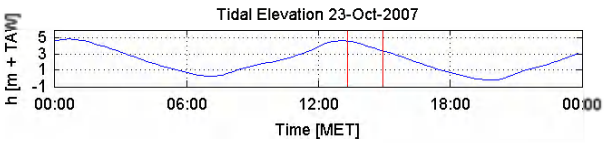
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 4.33 | 14.9 | NaN | 16 |
| 4.27 | 14.9 | 9.8 | 17 |
| 4.25 | 14.9 | 9.8 | 13 |
| 4.21 | 14.9 | 9.8 | 16 |
| 4.17 | 14.9 | 9.8 | 16 |
| 3.40 | 14.9 | 9.8 | 14 |
| 2.37 | 14.9 | 9.8 | 14 |
| 1.36 | 14.9 | 9.9 | 15 |
| 0.21 | 14.9 | 10.1 | 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** |



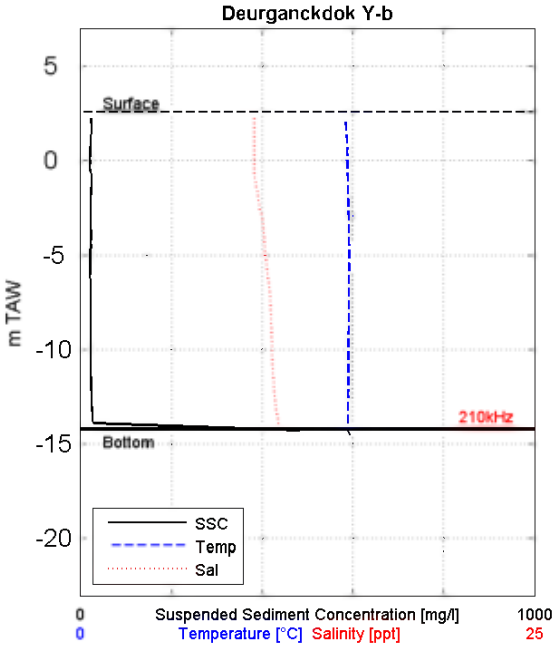

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

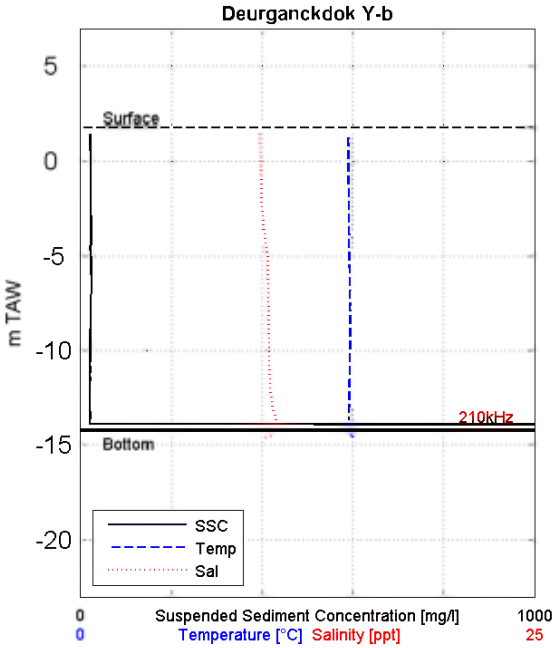
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1101Yb_ctd.sil<br>1116Yb_ctd.sil | Location: Deurganckdok |




**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 |

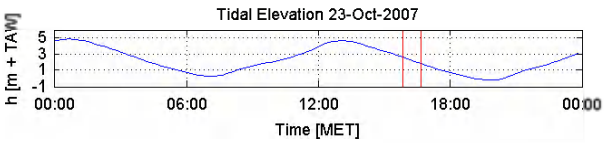
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.27 | 14.5 | 9.5 | 24 |
| 1.72 | 14.6 | 9.6 | 24 |
| 1.13 | 14.7 | 9.6 | 24 |
| 0.41 | 14.7 | 9.5 | 22 |
| -0.51 | 14.7 | 9.5 | 22 |
| -1.46 | 14.7 | 9.7 | 23 |
| -2.38 | 14.7 | 9.8 | 24 |
| -3.19 | 14.8 | 10.0 | 23 |
| -3.88 | 14.8 | 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** |



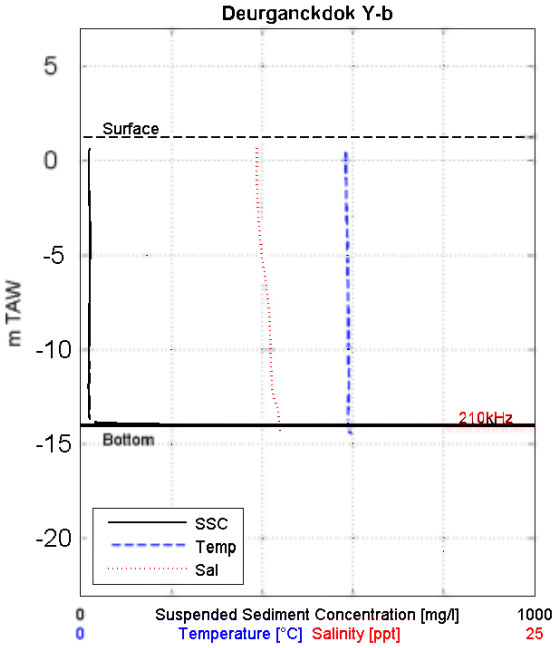

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

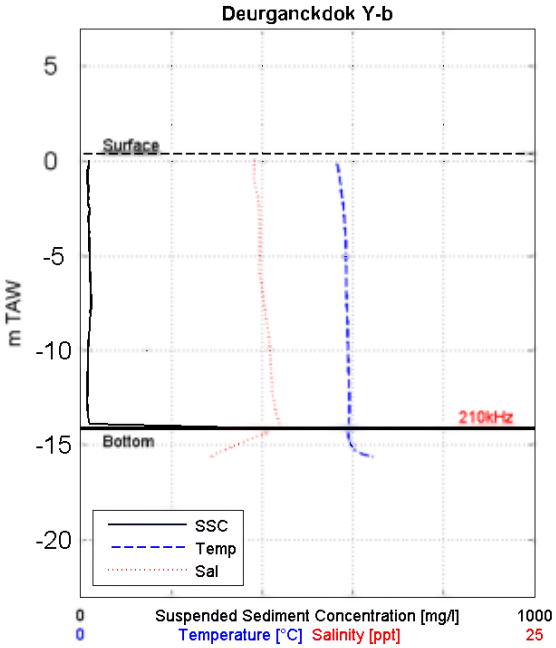
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1131Yb_ctd.sil<br>1147Yb_ctd.sil | Location: Deurganckdok |




**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 |

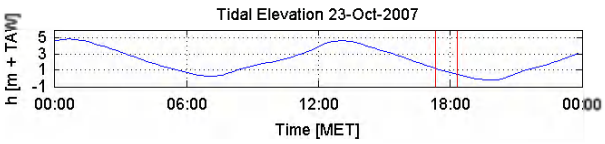
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.61 | 14.5 | 9.7 | 22 |
| 0.54 | 14.6 | 9.7 | 20 |
| 0.49 | 14.5 | 9.7 | 19 |
| 0.44 | 14.5 | 9.7 | 18 |
| 0.12 | 14.6 | 9.7 | 19 |
| -0.72 | 14.6 | 9.7 | 18 |
| -1.50 | 14.6 | 9.7 | 20 |
| -2.27 | 14.6 | 9.7 | 21 |
| -3.02 | 14.6 | 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** |



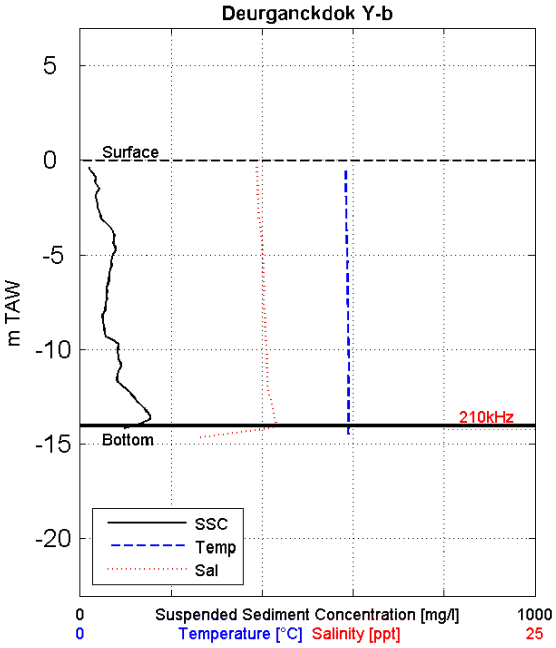

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

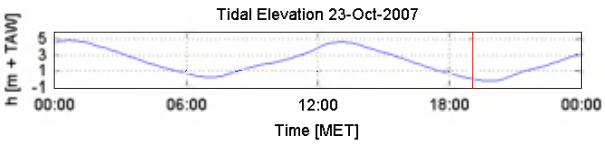
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1162Yb_ctd.sil | Location: Deurganckdok |




**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: IMDC

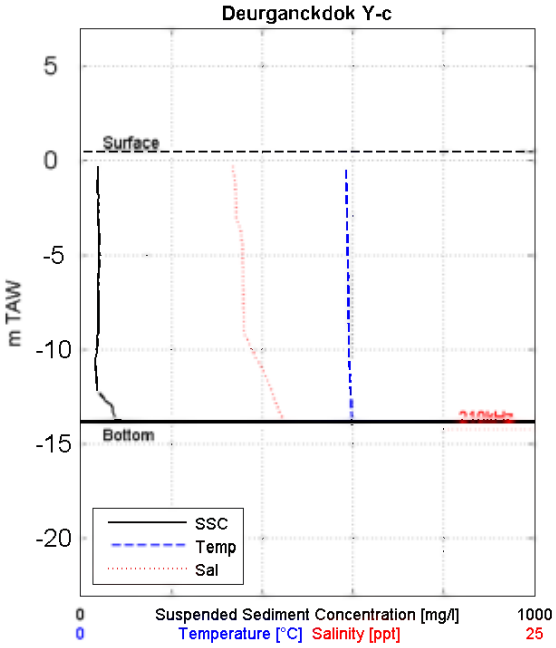
In association with :

I/RA/11283/07.086/MSA

## F.8 Location Yc

# Through tide measurements Siltprofiler 23 October 2007

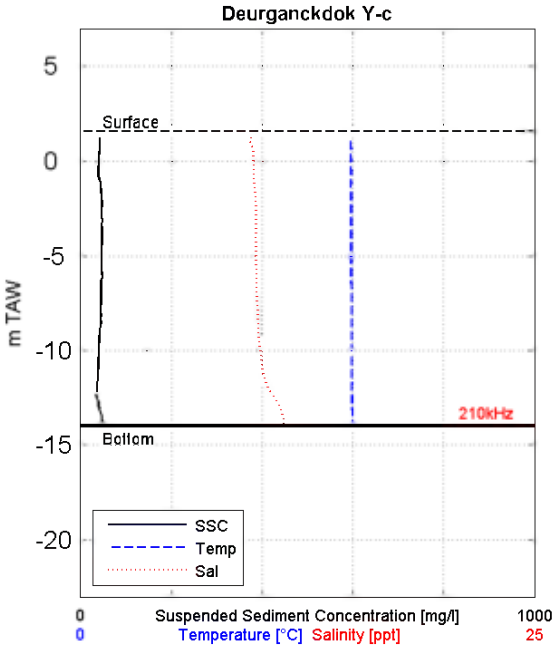
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1008Yc_ctd.sil<br>1023Yc_ctd.sil | Location: Deurganckdok |




**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 |

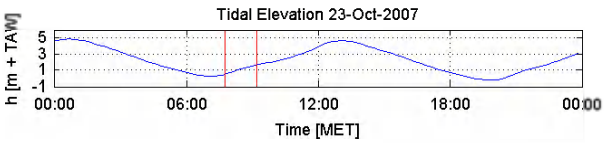
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.25 | 14.6 | 8.3 | 40 |
| -0.35 | 14.6 | 8.3 | 40 |
| -0.77 | 14.6 | 8.4 | 38 |
| -1.34 | 14.6 | 8.5 | 37 |
| -1.99 | 14.6 | 8.5 | 39 |
| -2.71 | 14.7 | 8.5 | 40 |
| -3.50 | 14.6 | 8.7 | 41 |
| -4.23 | 14.7 | 8.9 | 41 |
| -4.95 | 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** |



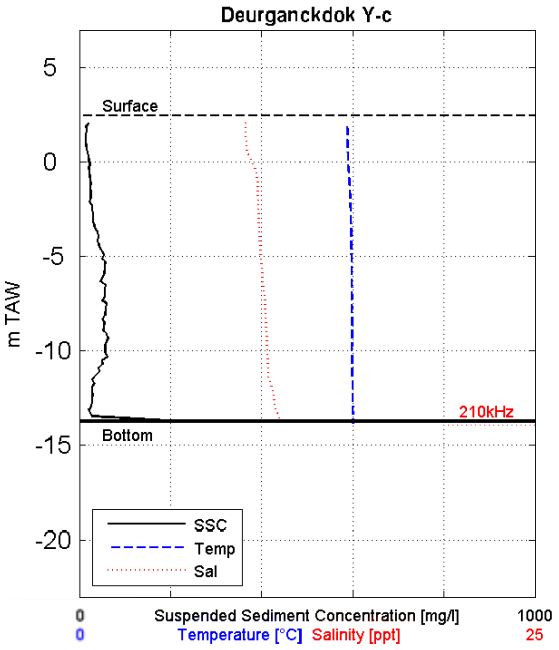

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

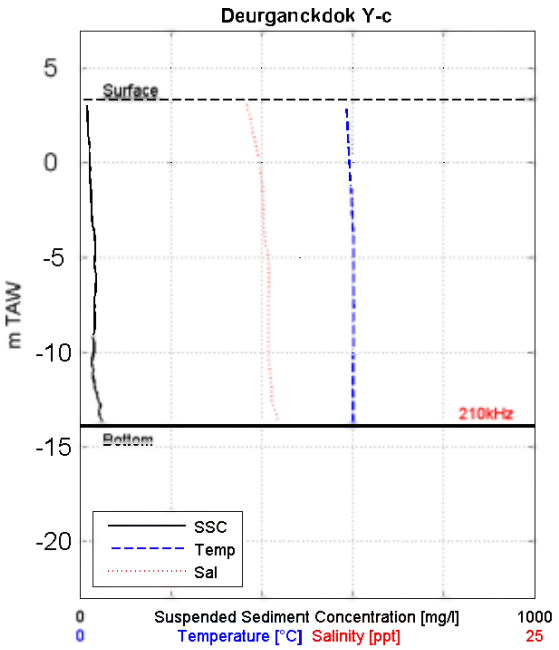
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1039Yc_ctd.sil<br>1054Yc_ctd.sil | Location: Deurganckdok |




**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 |

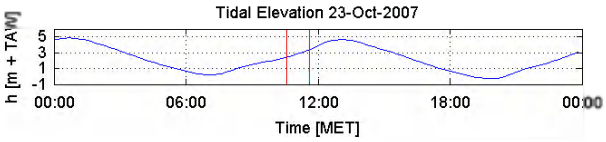
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.17 | 14.6 | NaN | 22 |
| 2.05 | 14.7 | 9.1 | 26 |
| 2.01 | 14.7 | 9.1 | 15 |
| 1.96 | 14.7 | 9.1 | 15 |
| 1.86 | 14.6 | 9.1 | 16 |
| 1.42 | 14.7 | 9.1 | 14 |
| 0.43 | 14.7 | 9.3 | 22 |
| -0.62 | 14.8 | 9.7 | 25 |
| -1.71 | 14.8 | 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** |



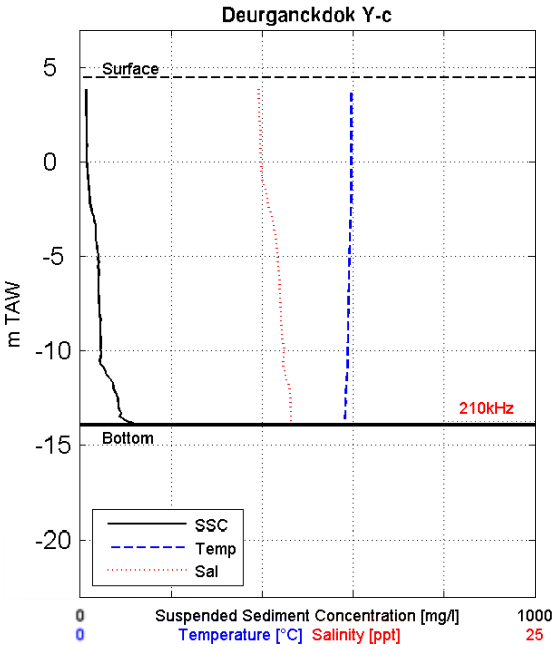

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

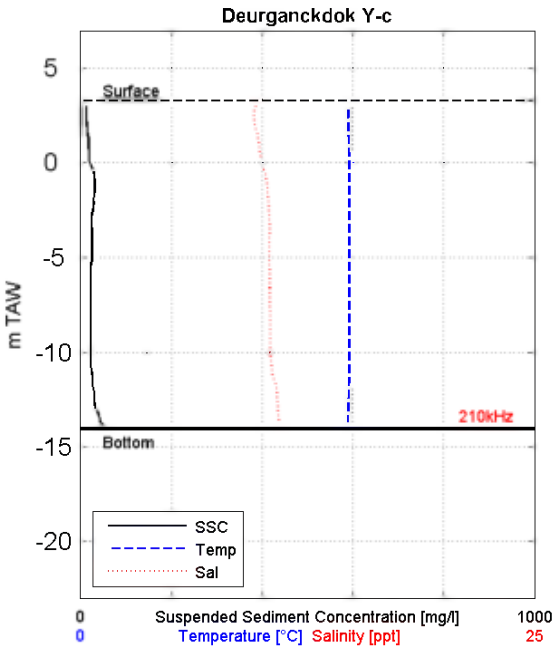
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1071Yc_ctd.sil<br>1087Yc_ctd.sil | Location: Deurganckdok |




**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 |

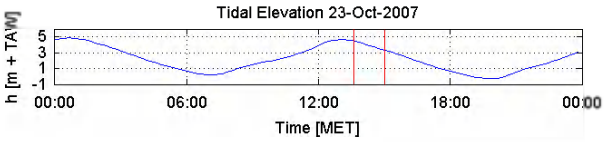
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 3.97 | 14.8 | NaN | 14 |
| 3.88 | 14.9 | 9.8 | 14 |
| 3.85 | 14.9 | 9.8 | 14 |
| 3.82 | 14.9 | 9.8 | 12 |
| 3.78 | 14.9 | 9.8 | 14 |
| 3.60 | 14.9 | 9.8 | 14 |
| 2.51 | 14.9 | 9.8 | 14 |
| 1.26 | 14.9 | 9.9 | 15 |
| -0.14 | 14.9 | 9.9 | 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** |



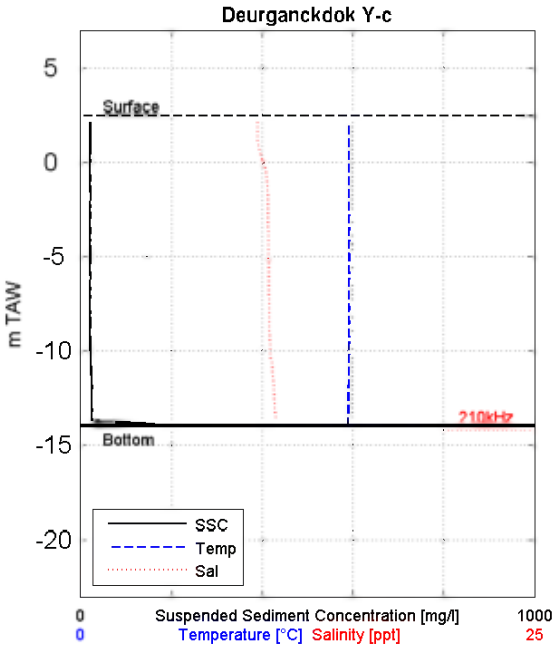

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

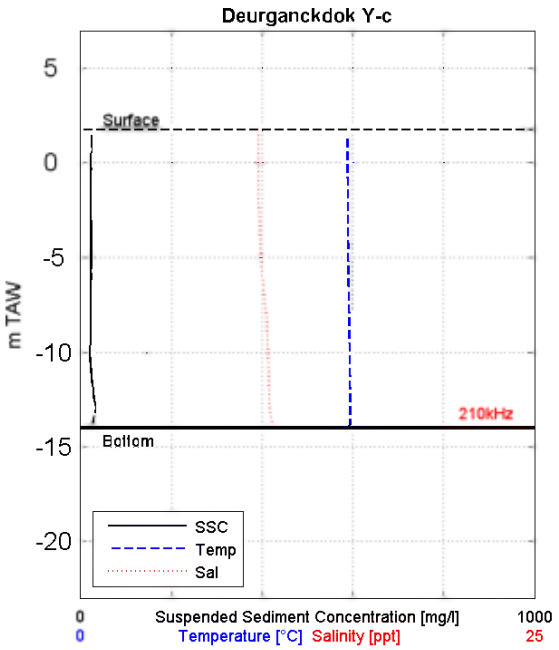
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1102Yc_ctd.sil<br>1117Yc_ctd.sil | Location: Deurganckdok |




**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 |

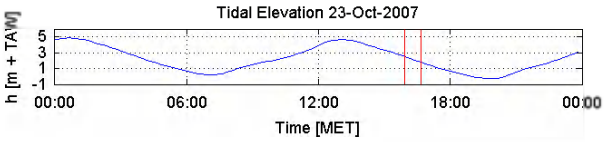
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.18 | 14.7 | 9.7 | 24 |
| 1.61 | 14.7 | 9.7 | 21 |
| 0.94 | 14.8 | 9.8 | 22 |
| 0.17 | 14.7 | 10.0 | 22 |
| -0.69 | 14.8 | 10.2 | 23 |
| -1.62 | 14.7 | 10.3 | 22 |
| -2.52 | 14.8 | 10.3 | 21 |
| -3.40 | 14.8 | 10.3 | 22 |
| -4.22 | 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** |



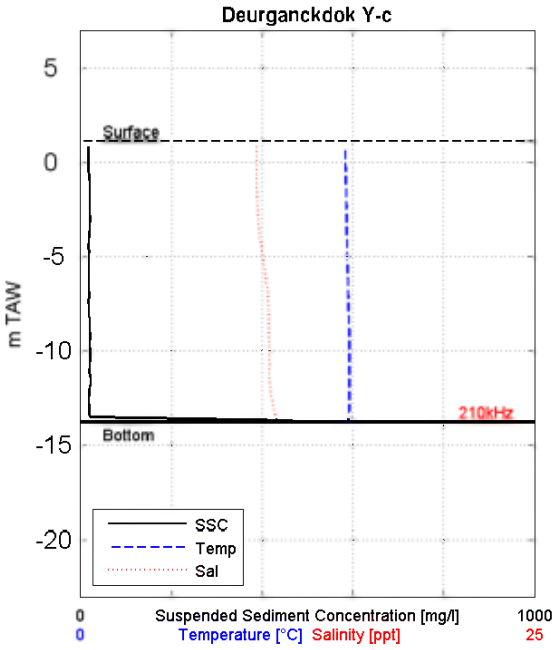

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

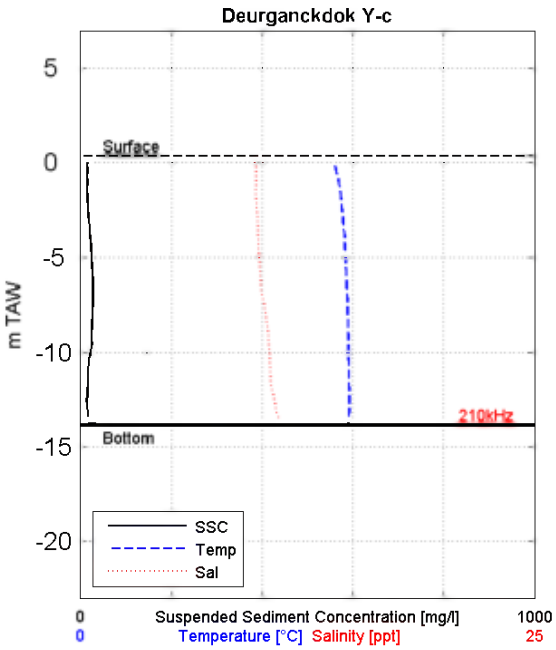
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1132Yc_ctd.sil<br>1148Yc_ctd.sil | Location: Deurganckdok |




**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 |

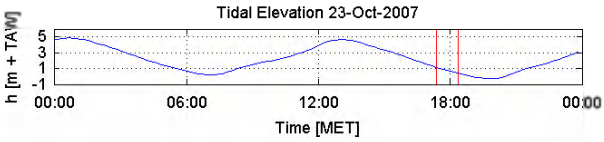
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.84 | 14.6 | 9.7 | 18 |
| 0.29 | 14.6 | 9.7 | 19 |
| -0.37 | 14.6 | 9.7 | 19 |
| -0.98 | 14.6 | 9.7 | 20 |
| -1.85 | 14.6 | 9.7 | 22 |
| -2.62 | 14.6 | 9.7 | 22 |
| -3.43 | 14.7 | 9.8 | 21 |
| -4.17 | 14.7 | 9.9 | 19 |
| -4.95 | 14.7 | 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** |



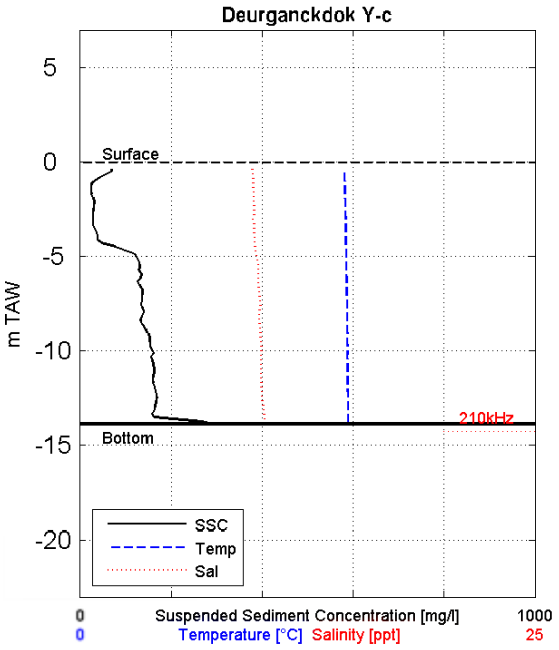

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

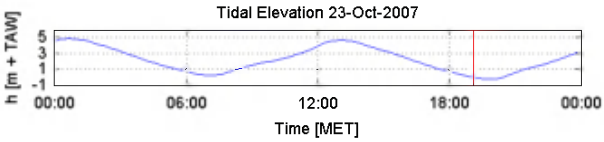
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1163Yc_ctd.sil | Location: Deurganckdok |




**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: IMDC

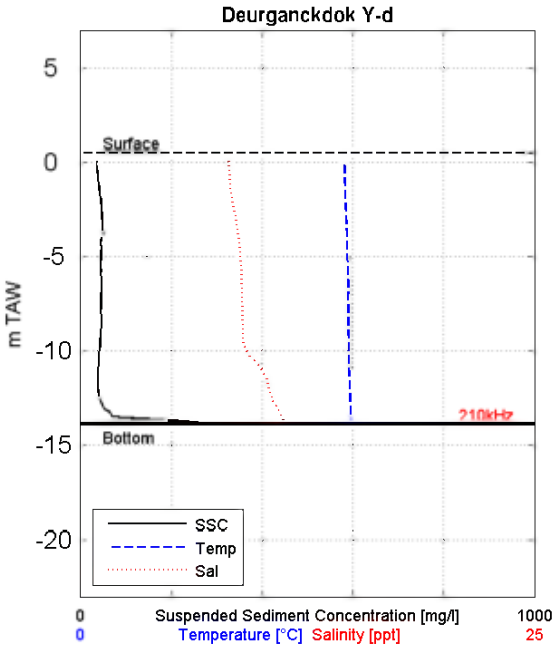
In association with :

I/RA/11283/07.086/MSA

## F.9 Location Yd

# Through tide measurements Siltprofiler 23 October 2007

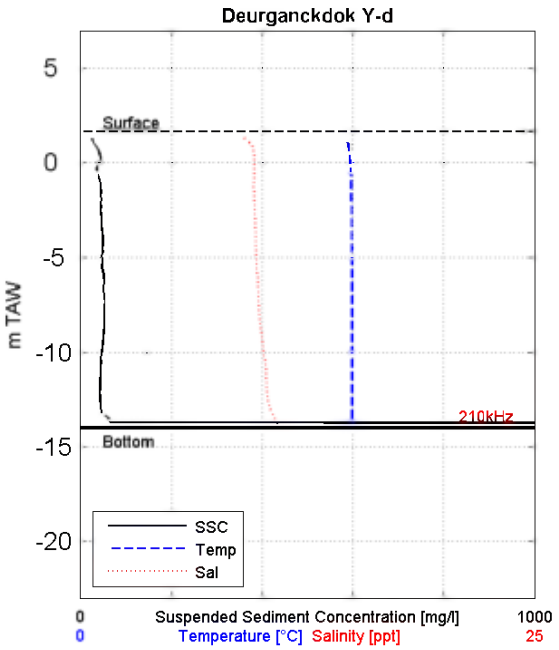
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1009Yd_ctd.sil<br>1024Yd_ctd.sil | Location: Deurganckdok |




**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 |

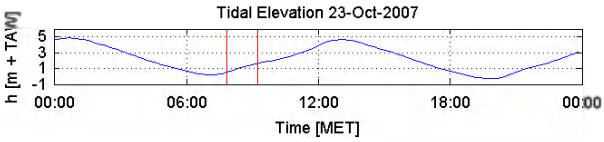
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.13 | 14.5 | 8.2 | 38 |
| 0.06 | 14.5 | 8.2 | 45 |
| 0.02 | 14.6 | 8.1 | 39 |
| -0.05 | 14.5 | 8.2 | 35 |
| -0.95 | 14.6 | 8.2 | 41 |
| -1.82 | 14.6 | 8.3 | 45 |
| -2.87 | 14.6 | 8.5 | 47 |
| -4.03 | 14.7 | 8.7 | 47 |
| -5.05 | 14.7 | 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** |



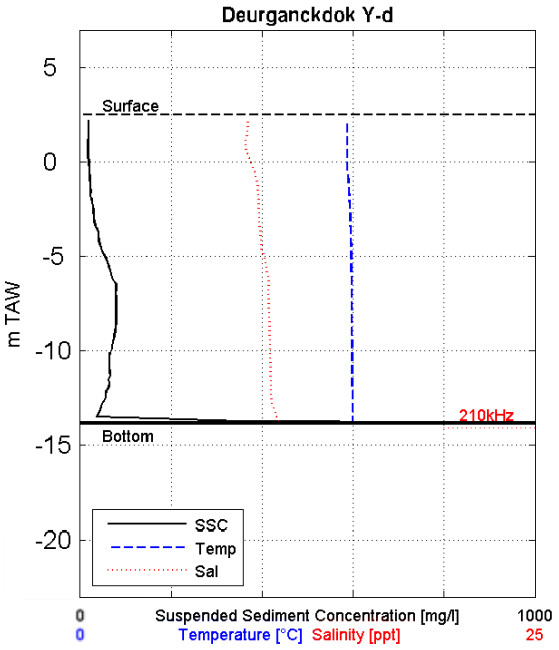

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

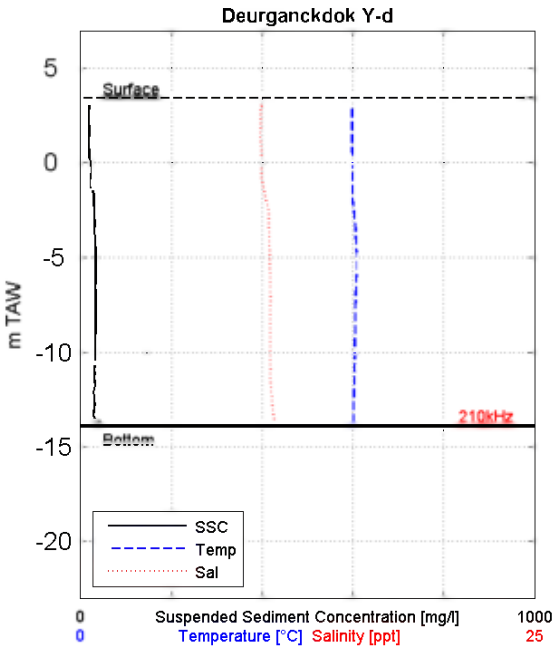
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1040Yd_ctd.sil<br>1055Yd_ctd.sil | Location: Deurganckdok |




**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 |

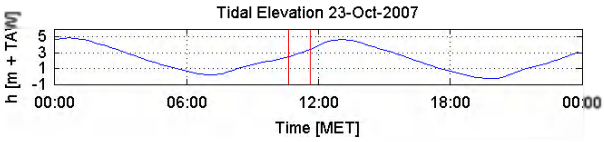
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.22 | 14.7 | NaN | 19 |
| 2.16 | 14.7 | 9.2 | 19 |
| 2.13 | 14.7 | 9.2 | 19 |
| 2.09 | 14.7 | 9.2 | 21 |
| 2.05 | 14.7 | 9.2 | 20 |
| 1.38 | 14.6 | 9.1 | 19 |
| 0.55 | 14.6 | 9.1 | 18 |
| -0.36 | 14.7 | 9.5 | 22 |
| -1.31 | 14.8 | 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** |



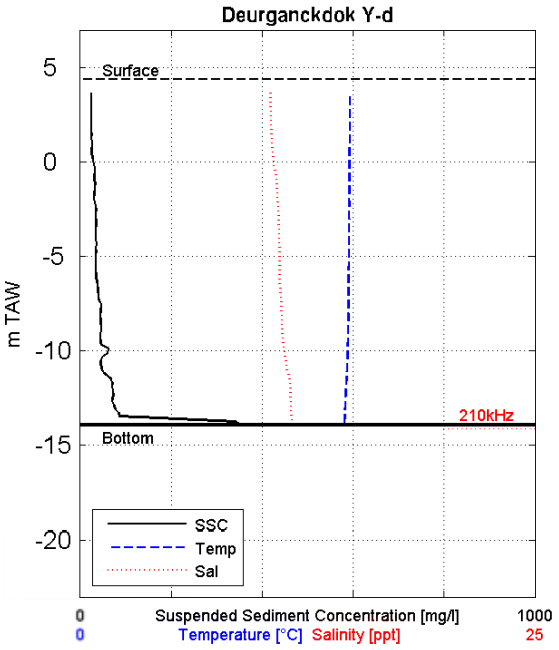

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

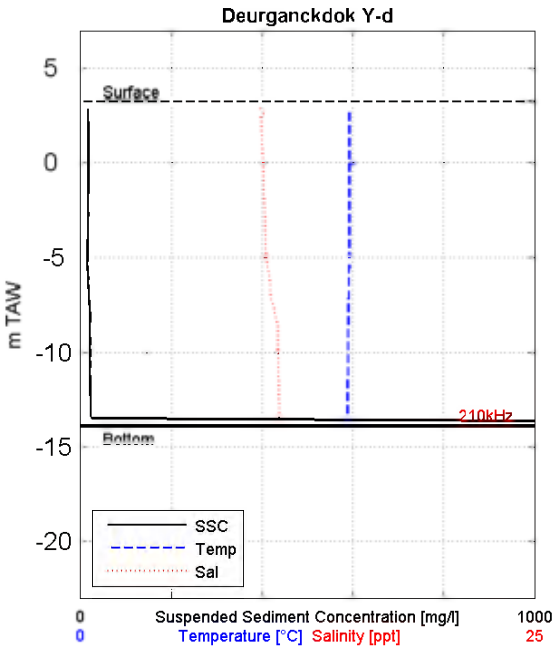
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1072Yd_ctd.sil<br>1088Yd_ctd.sil | Location: Deurganckdok |




**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 |

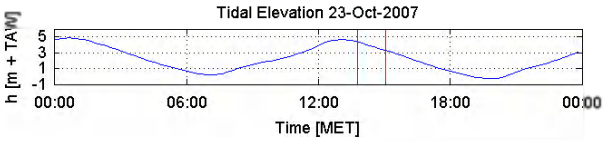
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 3.74 | 14.8 | 10.4 | 26 |
| 3.67 | 14.8 | 10.4 | 25 |
| 3.63 | 14.8 | 10.4 | 26 |
| 3.58 | 14.8 | 10.4 | 27 |
| 2.79 | 14.8 | 10.4 | 25 |
| 1.52 | 14.8 | 10.5 | 26 |
| -0.04 | 14.8 | 10.6 | 30 |
| -1.65 | 14.8 | 10.8 | 32 |
| -2.99 | 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** |



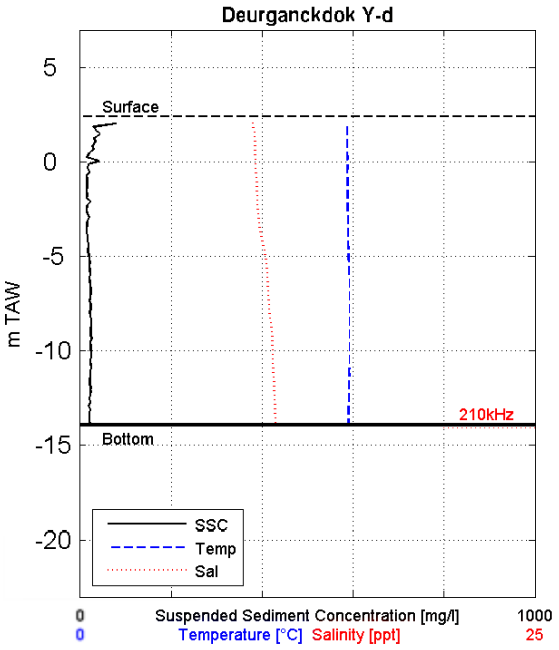

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

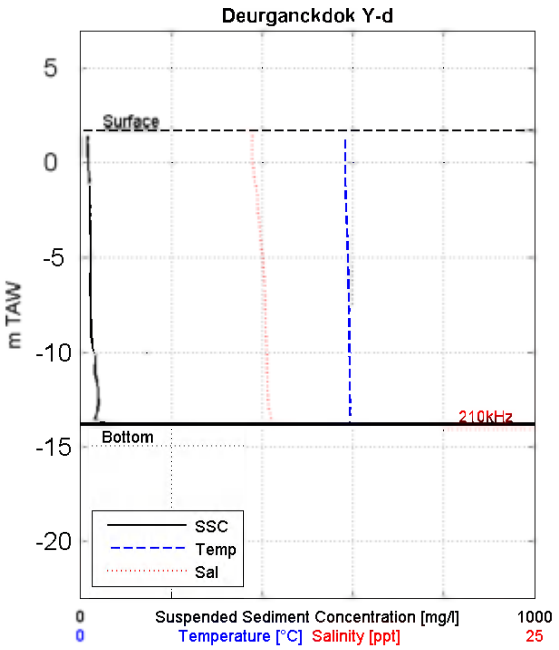
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1103Yd_ctd.sil<br>1118Yd_ctd.sil | Location: Deurganckdok |




**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 |

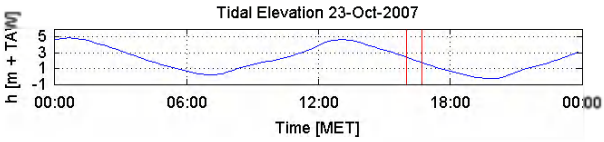
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.13 | 14.7 | 9.4 | 67 |
| 1.91 | 14.7 | 9.5 | 20 |
| 1.72 | 14.7 | 9.5 | 23 |
| 1.32 | 14.7 | 9.6 | 17 |
| 0.82 | 14.7 | 9.6 | 51 |
| 0.02 | 14.7 | 9.6 | 15 |
| -0.86 | 14.7 | 9.7 | 15 |
| -1.81 | 14.7 | 9.7 | 15 |
| -2.90 | 14.7 | 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** |



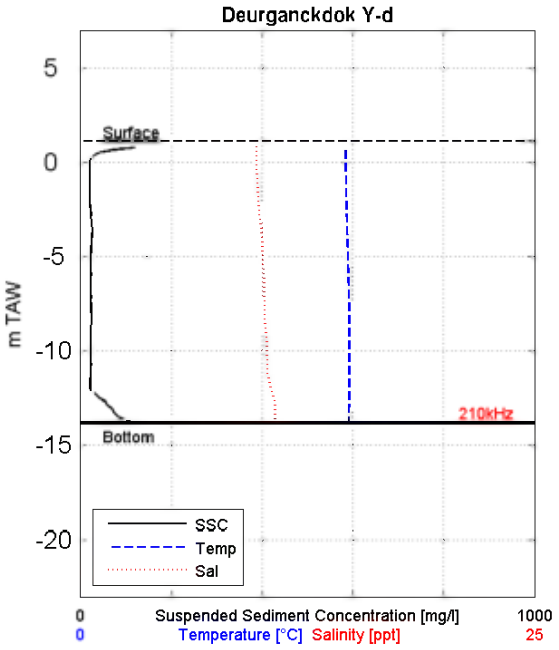

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

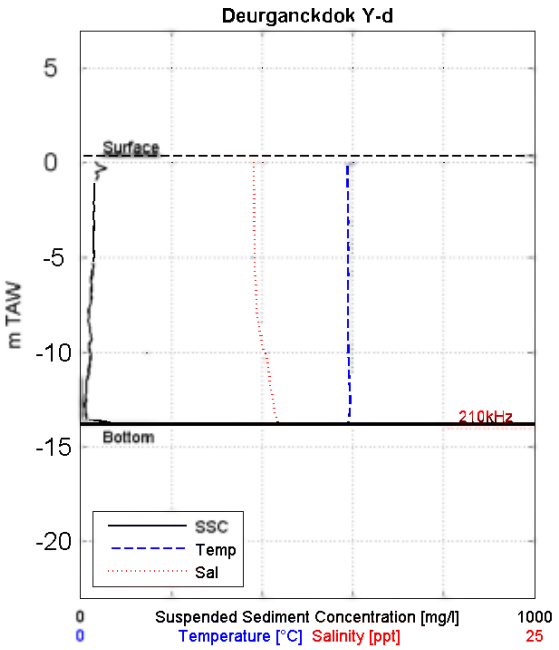
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1133Yd_ctd.sil<br>1149Yd_ctd.sil | Location: Deurganckdok |




**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 |

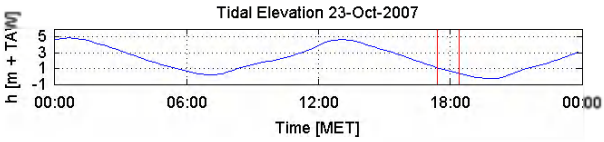
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.82 | 14.6 | 9.7 | 127 |
| 0.13 | 14.6 | 9.7 | 21 |
| -0.61 | 14.6 | 9.7 | 22 |
| -1.45 | 14.6 | 9.8 | 20 |
| -2.27 | 14.6 | 9.8 | 23 |
| -3.09 | 14.7 | 9.9 | 25 |
| -3.98 | 14.7 | 10.0 | 27 |
| -4.83 | 14.7 | 10.0 | 22 |
| -5.68 | 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** |



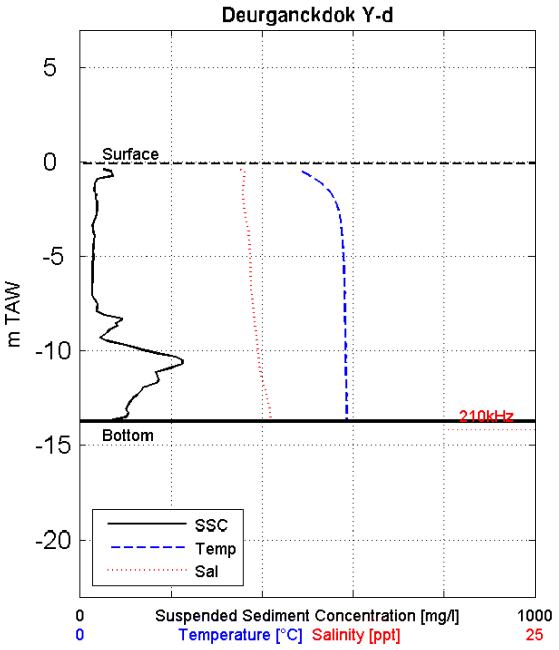

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

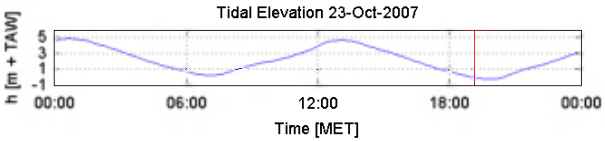
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1164Yd_ctd.sil | Location: Deurganckdok |




**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: IMDC

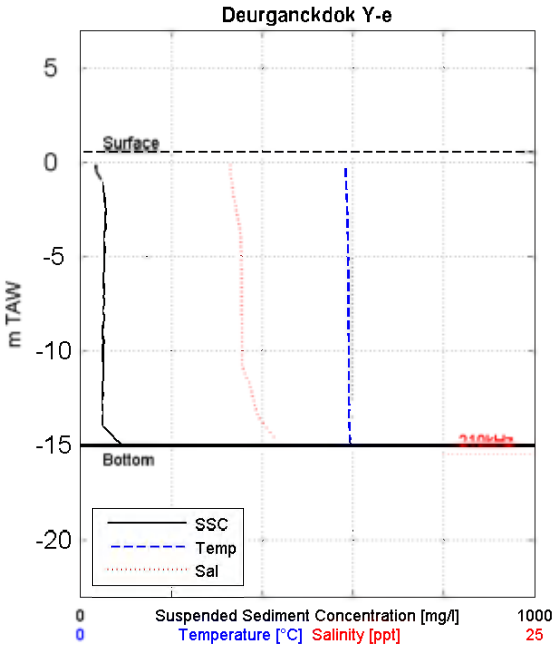
In association with :

I/RA/11283/07.086/MSA

## F.10 Location Ye

# Through tide measurements Siltprofiler 23 October 2007

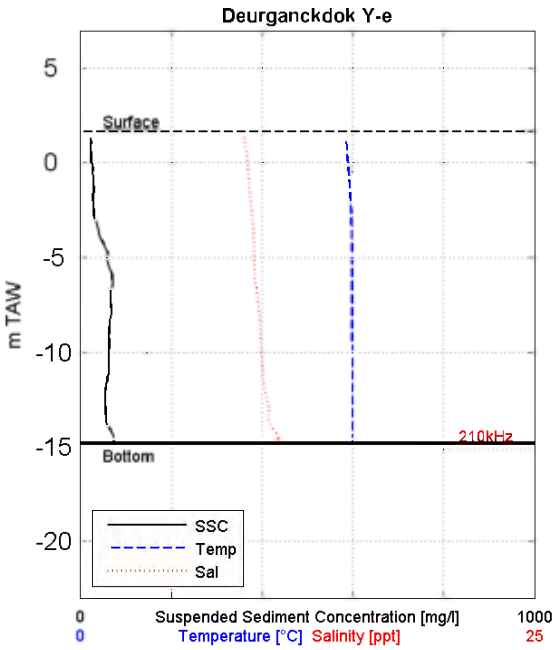
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1010Ye_ctd.sil<br>1025Ye_ctd.sil | Location: Deurganckdok |




**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 |

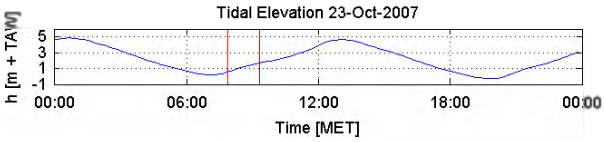
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| -0.03 | 14.4 | 8.2 | 29 |
| -0.11 | 14.5 | 8.2 | 37 |
| -0.17 | 14.6 | 8.2 | 35 |
| -0.51 | 14.6 | 8.2 | 36 |
| -1.26 | 14.6 | 8.3 | 52 |
| -2.04 | 14.7 | 8.5 | 56 |
| -3.12 | 14.7 | 8.7 | 51 |
| -4.31 | 14.7 | 8.8 | 54 |
| -5.42 | 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** |



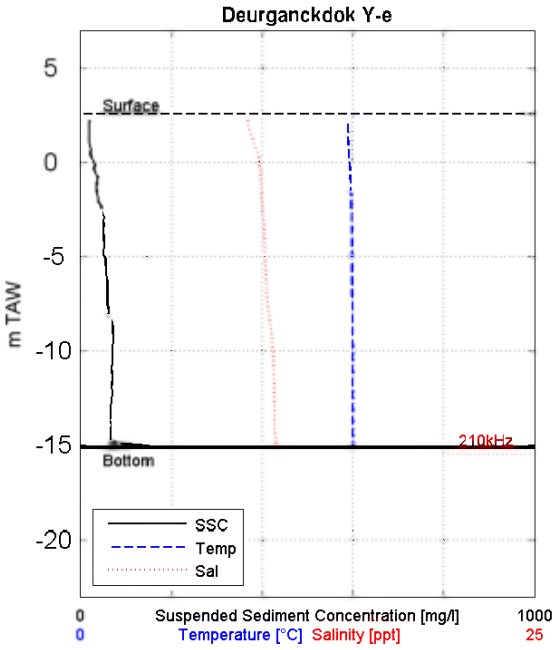

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

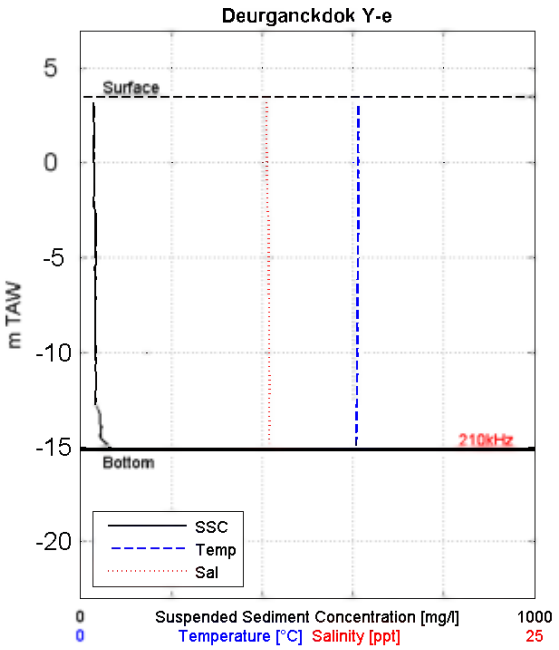
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1041Ye_ctd.sil<br>1056Ye_ctd.sil | Location: Deurganckdok |




**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 |

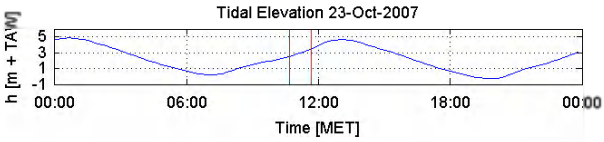
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.25 | 14.7 | 9.2 | 21 |
| 2.19 | 14.7 | 9.2 | 21 |
| 1.94 | 14.7 | 9.2 | 17 |
| 0.92 | 14.7 | 9.6 | 23 |
| -0.36 | 14.8 | 9.9 | 31 |
| -1.69 | 14.9 | 9.9 | 35 |
| -2.71 | 14.9 | 10.0 | 50 |
| -3.86 | 14.9 | 10.1 | 52 |
| -5.12 | 15.0 | 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** |



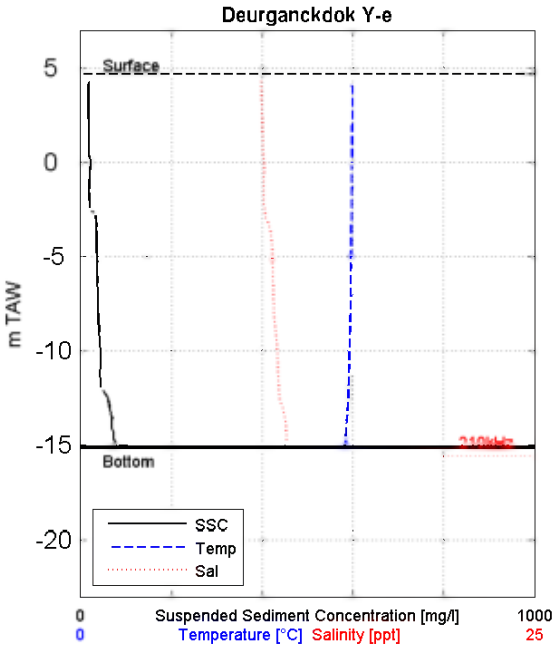

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

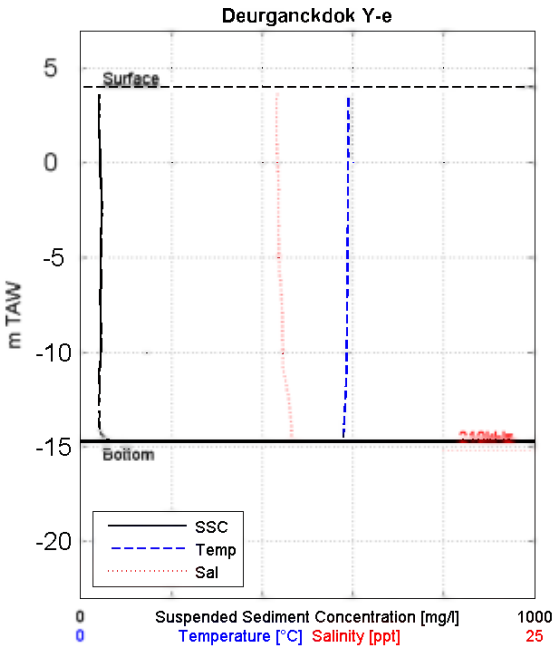
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1065Ye_ctd.sil<br>1074Ye_ctd.sil | Location: Deurganckdok |




**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 |

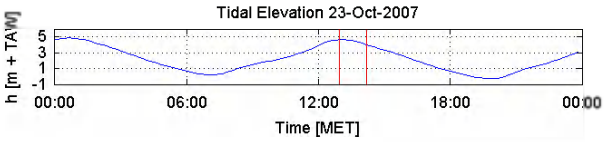
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 4.36 | 14.9 | 9.9 | 17 |
| 4.30 | 14.9 | 9.9 | 18 |
| 4.22 | 14.9 | 9.9 | 20 |
| 4.14 | 14.9 | 9.9 | 18 |
| 3.44 | 14.9 | 10.0 | 19 |
| 2.22 | 14.9 | 10.0 | 19 |
| 1.03 | 14.9 | 10.0 | 20 |
| -0.08 | 14.9 | 10.1 | 23 |
| -1.54 | 14.9 | 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: | 588781 |
| 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** |



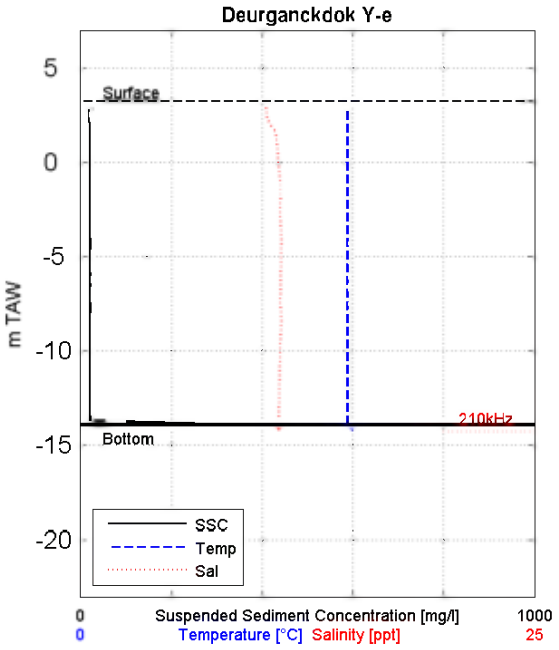

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

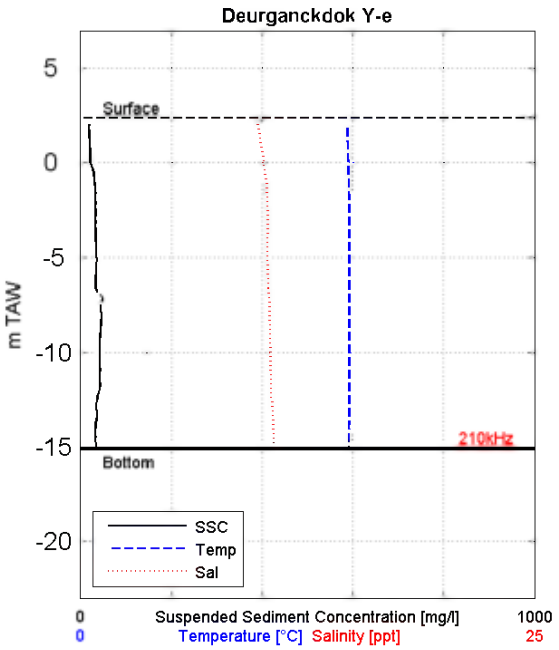
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1089Ye_ctd.sil<br>1104Ye_ctd.sil | Location: Deurganckdok |




**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 |

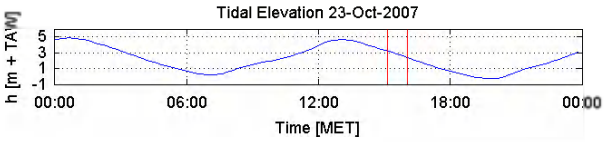
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.92 | 14.7 | 10.2 | 20 |
| 2.87 | 14.7 | 10.2 | 18 |
| 2.70 | 14.7 | 10.2 | 18 |
| 2.11 | 14.7 | 10.4 | 22 |
| 1.32 | 14.7 | 10.8 | 22 |
| 0.39 | 14.7 | 10.8 | 20 |
| -0.76 | 14.7 | 10.9 | 21 |
| -1.74 | 14.7 | 11.0 | 22 |
| -2.62 | 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** |



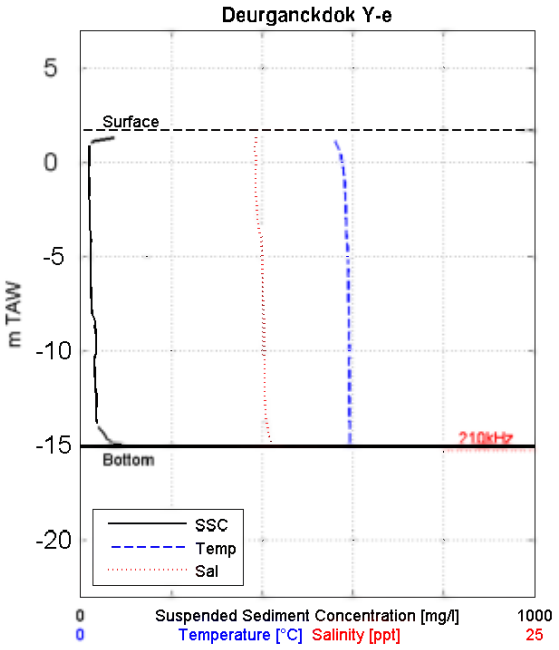

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

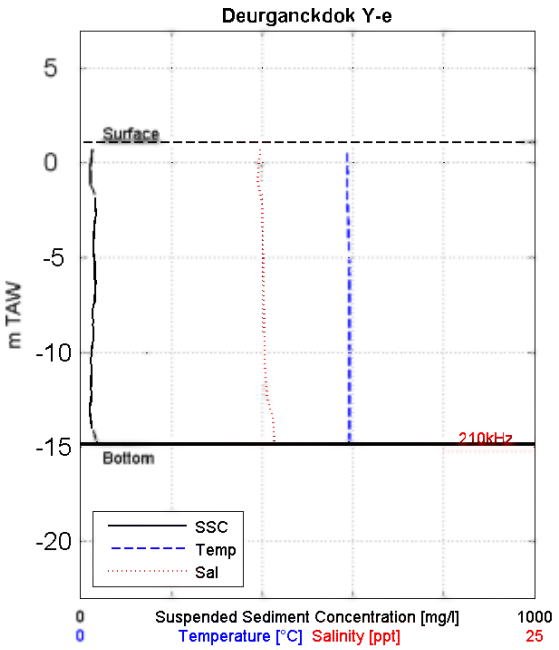
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1119Ye_ctd.sil<br>1134Ye_ctd.sil | Location: Deurganckdok |




**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 |

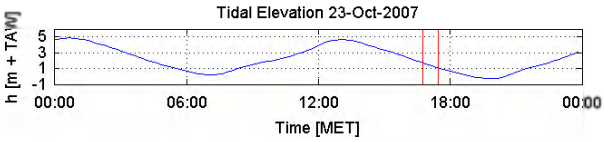
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.40 | 13.9 | 9.6 | 103 |
| 0.74 | 14.2 | 9.6 | 20 |
| 0.08 | 14.4 | 9.6 | 19 |
| -0.80 | 14.5 | 9.6 | 20 |
| -1.87 | 14.5 | 9.7 | 19 |
| -2.77 | 14.6 | 9.7 | 22 |
| -3.62 | 14.6 | 9.8 | 23 |
| -4.48 | 14.7 | 9.9 | 24 |
| -5.36 | 14.7 | 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** |



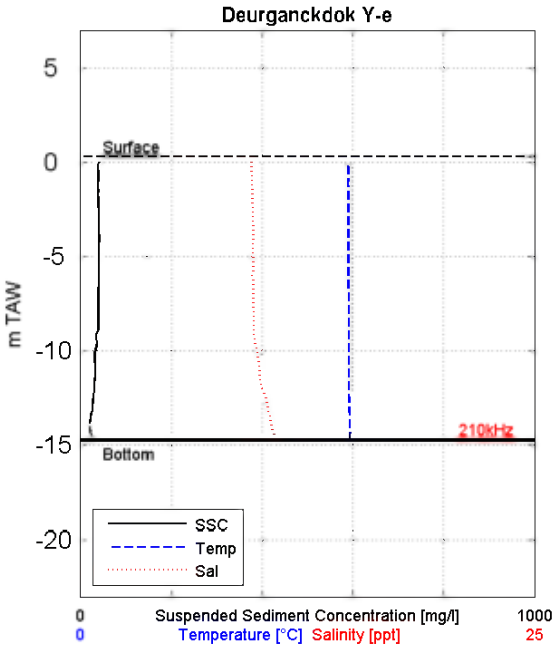

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

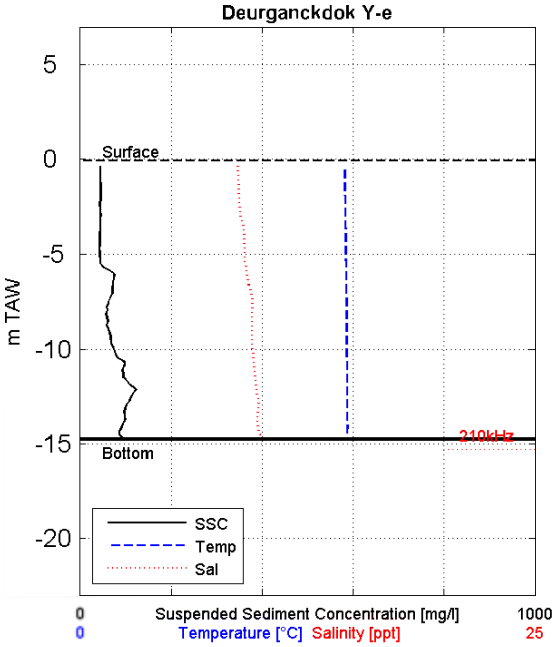
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1150Ye_ctd.sil<br>1165Ye_ctd.sil | Location: Deurganckdok |




**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 |

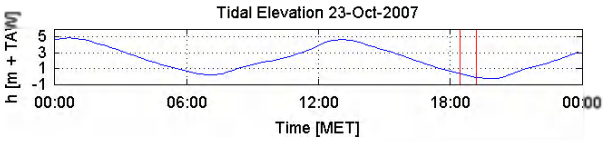
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.02 | 14.8 | 9.4 | 40 |
| -0.48 | 14.7 | 9.4 | 41 |
| -1.17 | 14.8 | 9.4 | 32 |
| -1.82 | 14.7 | 9.5 | 41 |
| -2.50 | 14.7 | 9.5 | 40 |
| -3.17 | 14.8 | 9.5 | 43 |
| -3.95 | 14.7 | 9.5 | 43 |
| -4.67 | 14.8 | 9.5 | 41 |
| -5.41 | 14.8 | 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: IMDC

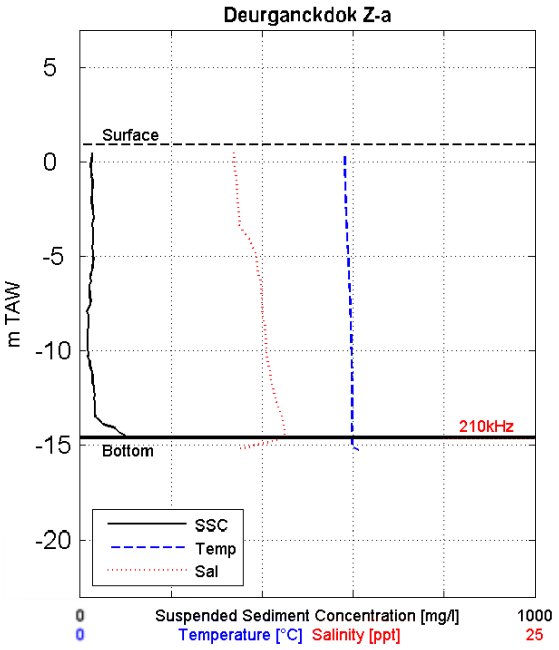
In association with :

I/RA/11283/07.086/MSA

## F.11 Location Za

# Through tide measurements Siltprofiler 23 October 2007

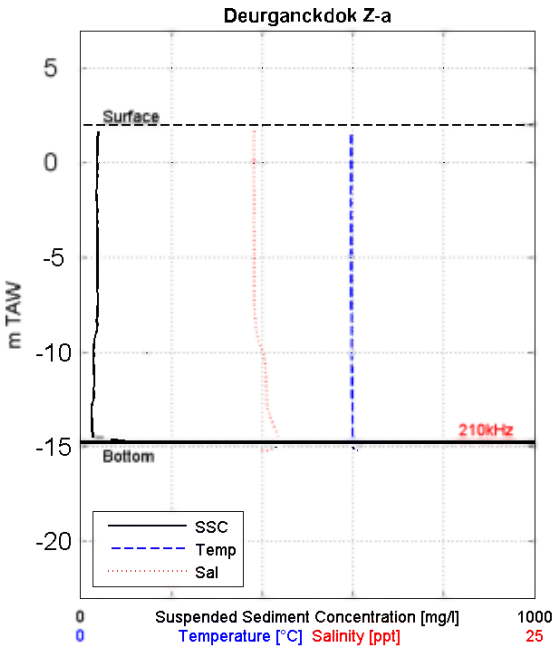
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1014Za_ctd.sil<br>1030Za_ctd.sil | Location: Deurganckdok |




**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 |

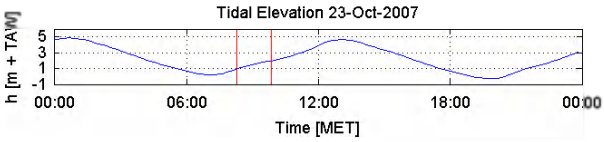
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.59 | 14.4 | 8.4 | 24 |
| 0.53 | 14.5 | 8.5 | 34 |
| 0.50 | 14.4 | 8.4 | 23 |
| 0.48 | 14.5 | 8.4 | 26 |
| 0.45 | 14.5 | 8.4 | 20 |
| 0.24 | 14.5 | 8.5 | 31 |
| -0.42 | 14.6 | 8.5 | 27 |
| -1.39 | 14.6 | 8.6 | 26 |
| -2.44 | 14.6 | 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** |



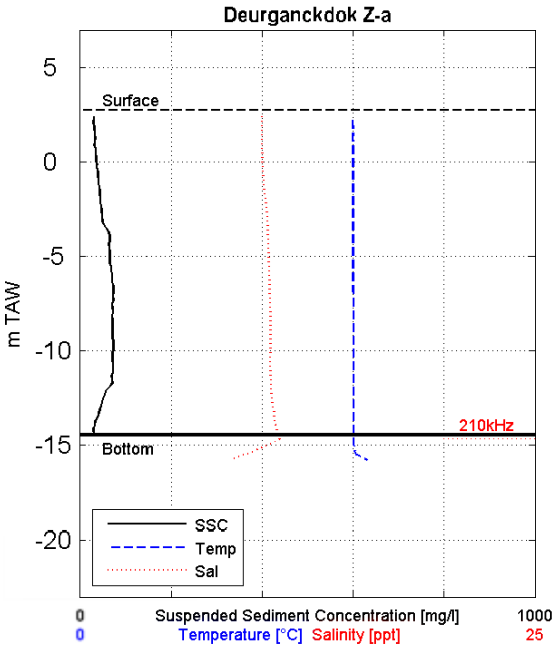

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

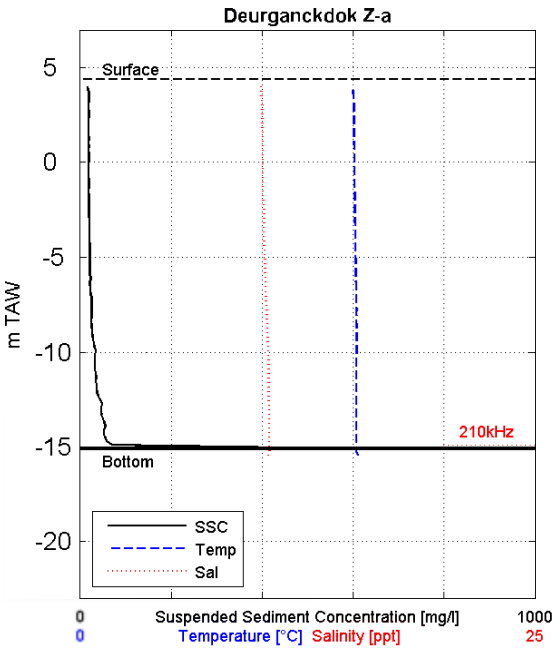
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1046Za_ctd.sil<br>1061Za_ctd.sil | Location: Deurganckdok |




**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 |

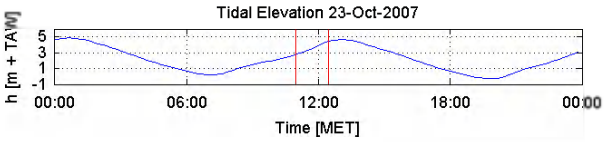
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.44 | 15.0 | NaN | 28 |
| 2.36 | 15.0 | 10.0 | 28 |
| 2.33 | 15.0 | 10.0 | 33 |
| 2.29 | 15.0 | 10.0 | 30 |
| 1.80 | 15.0 | 10.0 | 34 |
| 0.88 | 15.0 | 10.0 | 33 |
| -0.09 | 15.0 | 10.0 | 39 |
| -1.06 | 15.0 | 10.1 | 41 |
| -2.09 | 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** |



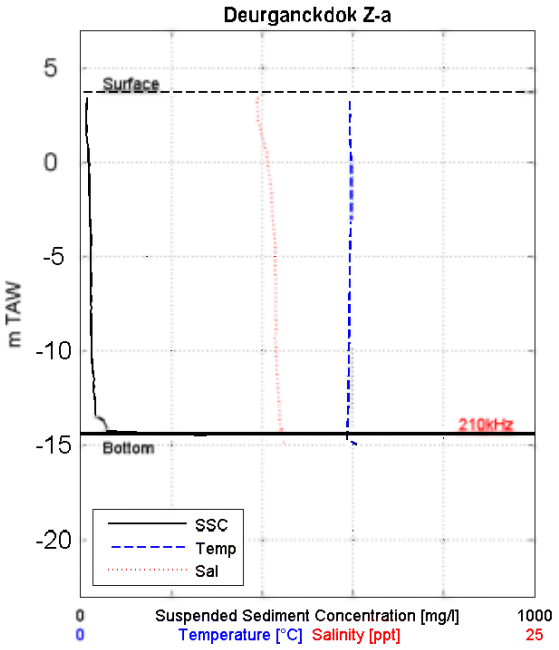

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

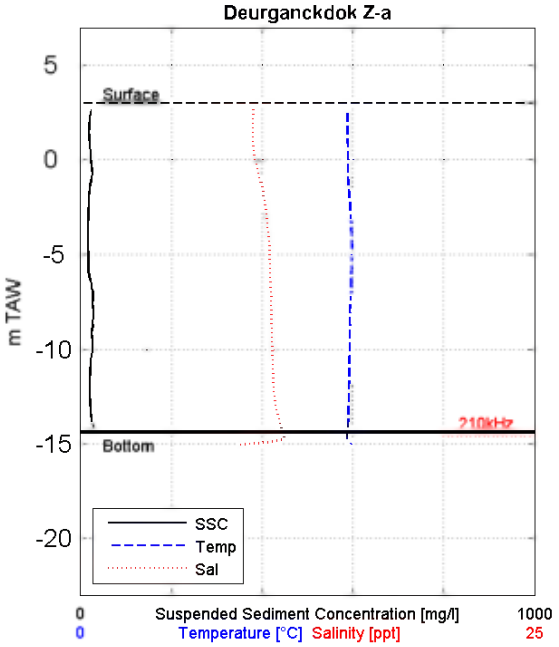
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1079Za_ctd.sil<br>1094Za_ctd.sil | Location: Deurganckdok |




**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 |

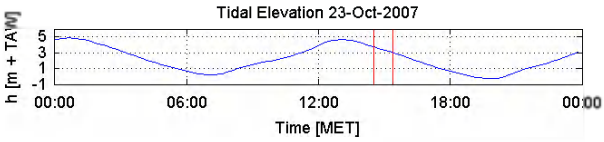
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 3.41 | 14.8 | 9.8 | 13 |
| 3.36 | 14.7 | 9.7 | 4 |
| 3.31 | 14.8 | 9.7 | 16 |
| 3.25 | 14.8 | 9.7 | 15 |
| 3.10 | 14.8 | 9.7 | 17 |
| 2.24 | 14.9 | 9.8 | 14 |
| 1.41 | 14.8 | 10.0 | 14 |
| 0.52 | 14.9 | 10.2 | 18 |
| -0.44 | 14.9 | 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** |



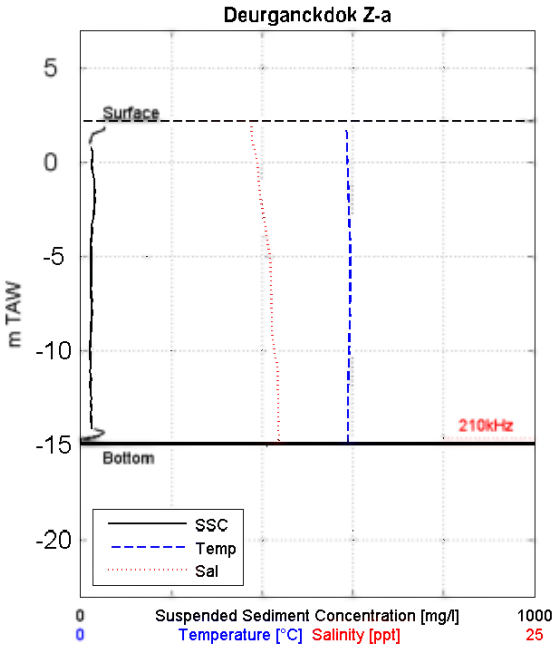

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

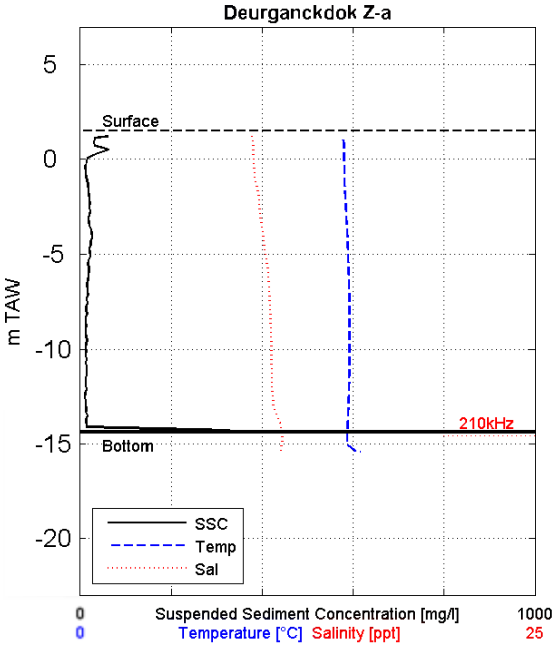
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1109Za_ctd.sil<br>1124Za_ctd.sil | Location: Deurganckdok |




**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 |

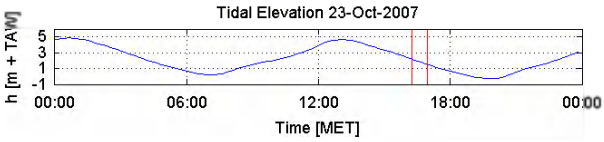
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.88 | 14.6 | 9.4 | 1 |
| 1.81 | 14.6 | 9.4 | 29 |
| 1.30 | 14.7 | 9.4 | 23 |
| 0.62 | 14.7 | 9.6 | 25 |
| -0.25 | 14.7 | 9.7 | 26 |
| -1.26 | 14.7 | 9.8 | 32 |
| -2.31 | 14.8 | 10.0 | 31 |
| -3.32 | 14.8 | 10.2 | 26 |
| -4.25 | 14.9 | 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** |



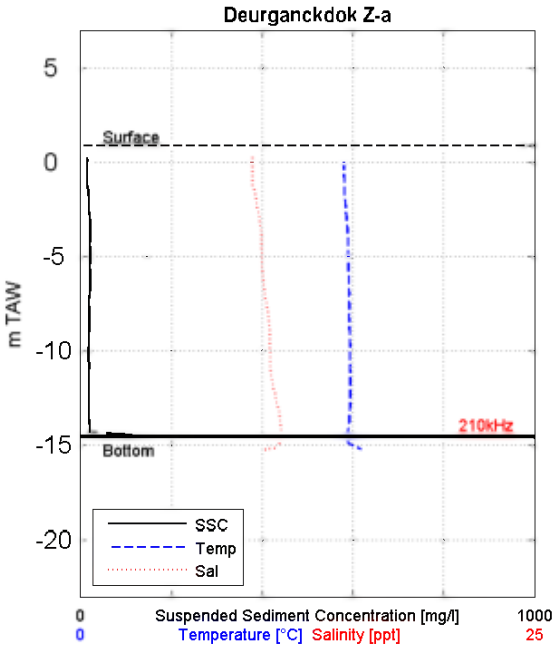

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

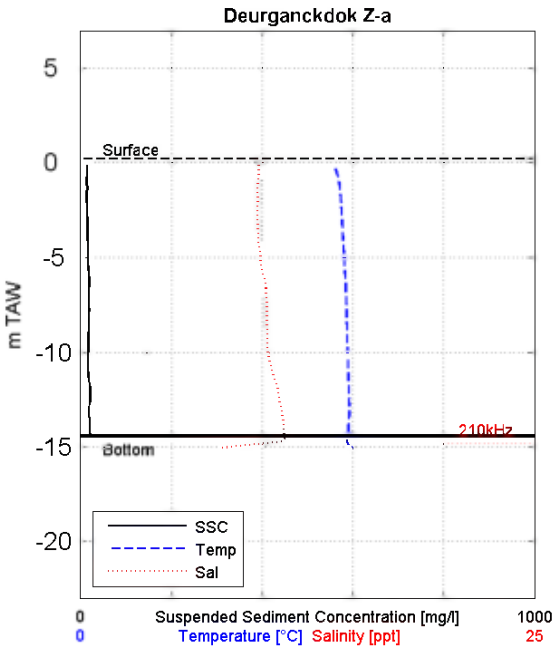
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1139Za_ctd.sil<br>1155Za_ctd.sil | Location: Deurganckdok |




**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 |

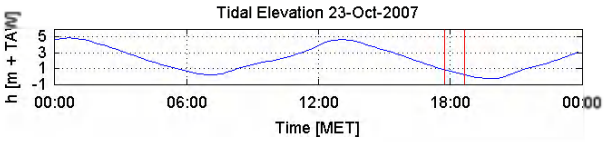
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.32 | 14.4 | 9.4 | 9 |
| 0.25 | 14.5 | 9.4 | 16 |
| 0.22 | 14.5 | 9.4 | 16 |
| 0.18 | 14.4 | 9.4 | 16 |
| -0.19 | 14.5 | 9.4 | 14 |
| -0.83 | 14.5 | 9.4 | 12 |
| -1.60 | 14.5 | 9.6 | 19 |
| -2.35 | 14.6 | 9.7 | 19 |
| -3.12 | 14.6 | 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** |



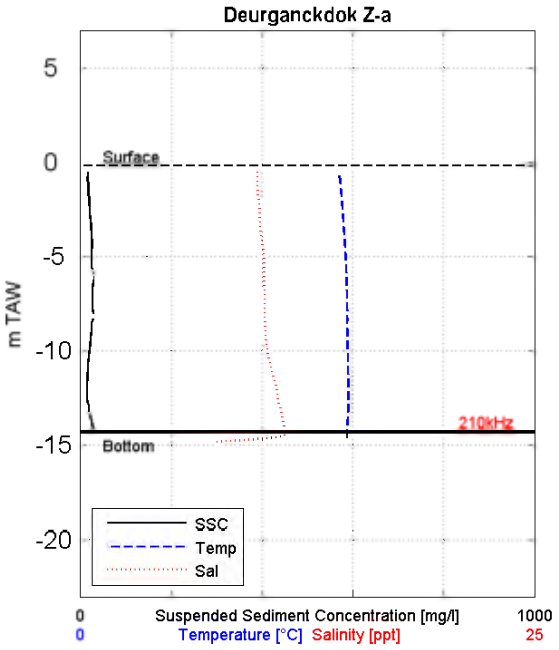

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

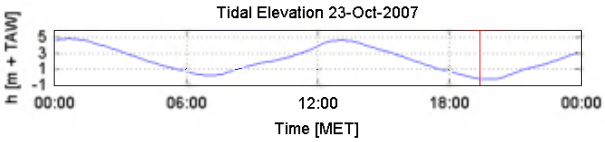
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1170Za_ctd.sil | Location: Deurganckdok |




**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: IMDC

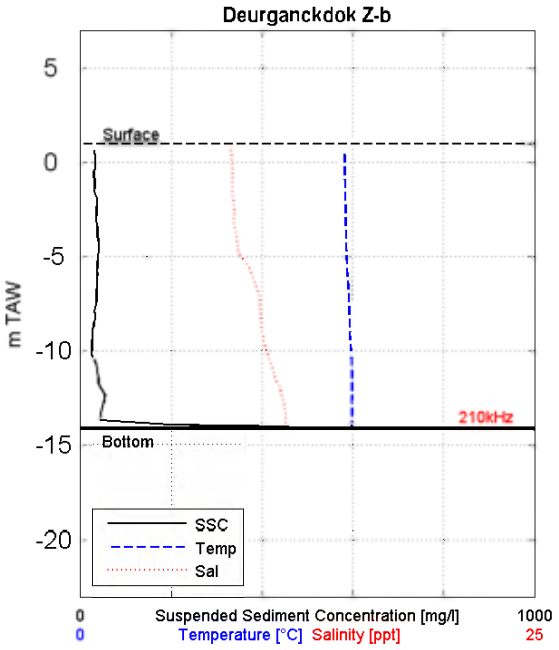
In association with :

I/RA/11283/07.086/MSA

## F.12 Location Zb

# Through tide measurements Siltprofiler 23 October 2007

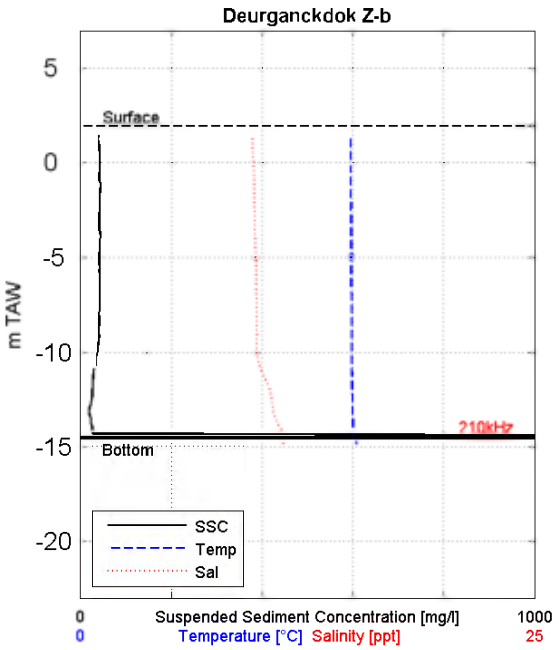
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1015Zb_ctd.sil<br>1029Zb_ctd.sil | Location: Deurganckdok |




**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 |

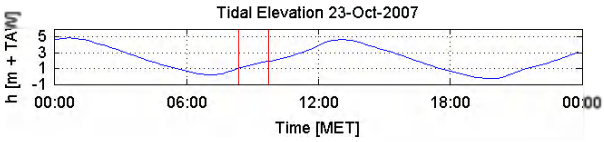
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.62 | 14.5 | NaN | 31 |
| 0.55 | 14.5 | 8.2 | 31 |
| 0.51 | 14.5 | 8.2 | 31 |
| 0.23 | 14.5 | 8.3 | 34 |
| -0.55 | 14.6 | 8.3 | 30 |
| -1.37 | 14.6 | 8.3 | 30 |
| -2.30 | 14.6 | 8.4 | 36 |
| -3.28 | 14.6 | 8.4 | 38 |
| -4.24 | 14.6 | 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** |



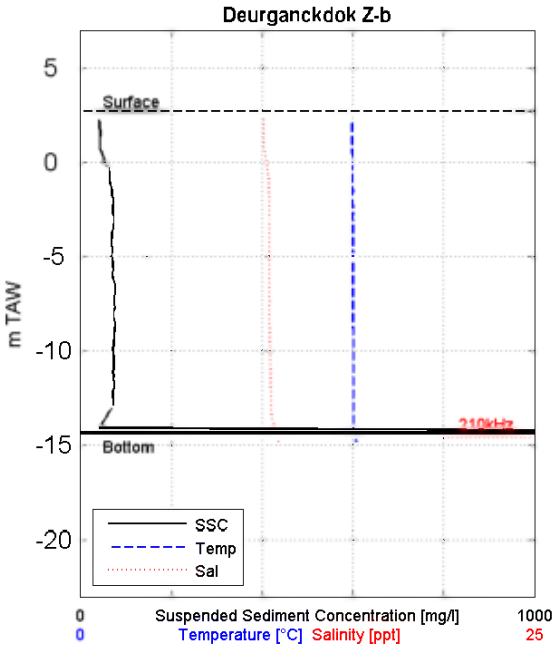

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

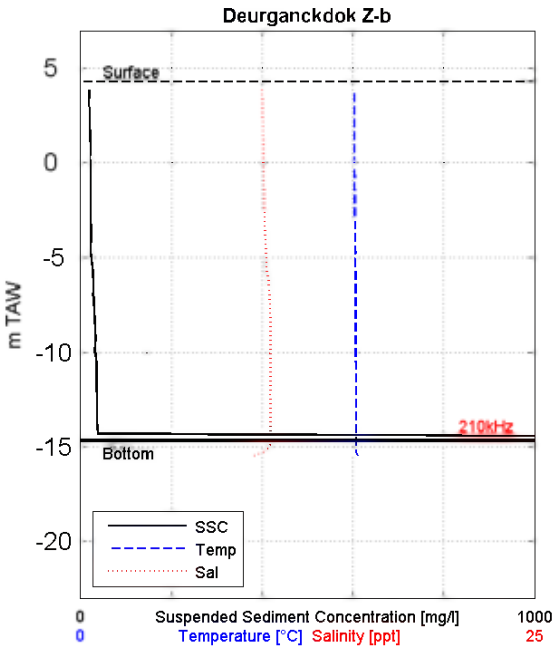
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1045Zb_ctd.sil<br>1060Zb_ctd.sil | Location: Deurganckdok |




**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 |

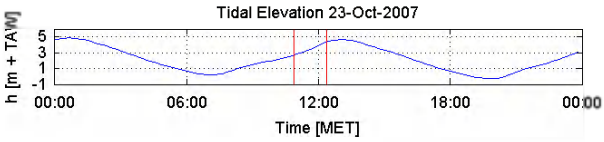
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.39 | 14.9 | NaN | 43 |
| 2.30 | 15.0 | 10.1 | 43 |
| 2.22 | 14.9 | 10.1 | 43 |
| 2.16 | 14.9 | 10.1 | 44 |
| 1.63 | 14.9 | 10.1 | 45 |
| 0.77 | 15.0 | 10.1 | 41 |
| -0.06 | 14.9 | 10.2 | 55 |
| -0.95 | 15.0 | 10.4 | 66 |
| -1.99 | 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** |



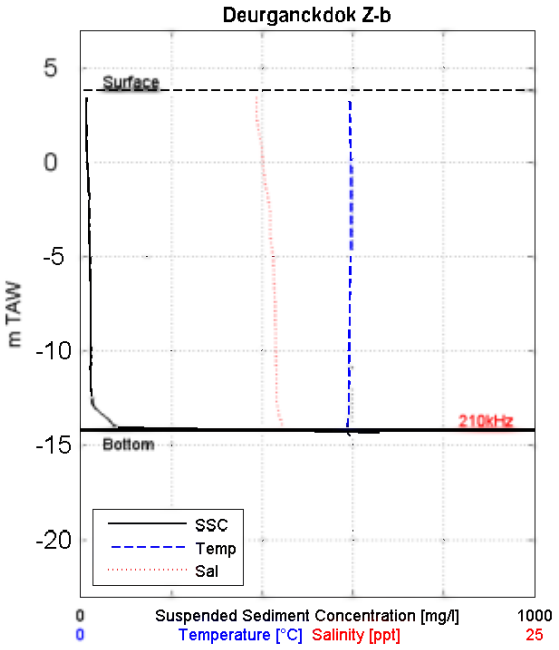

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

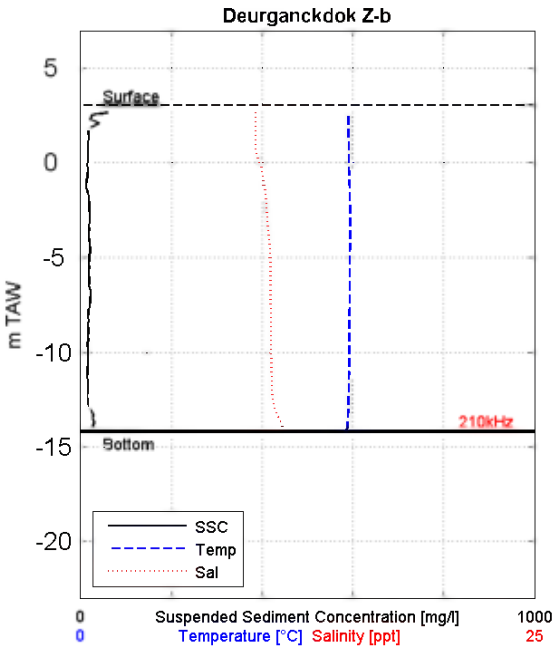
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1078Zb_ctd.sil<br>1093Zb_ctd.sil | Location: Deurganckdok |




**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 |

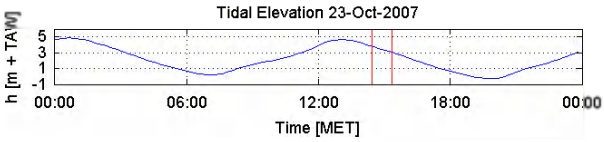
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 3.46 | 14.8 | 9.7 | 14 |
| 3.36 | 14.9 | 9.7 | 13 |
| 3.31 | 14.7 | 9.7 | 13 |
| 3.22 | 14.9 | 9.7 | 16 |
| 2.57 | 14.8 | 9.7 | 14 |
| 1.61 | 14.9 | 9.8 | 14 |
| 0.66 | 14.8 | 10.0 | 16 |
| -0.23 | 14.9 | 10.0 | 16 |
| -1.20 | 14.9 | 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** |



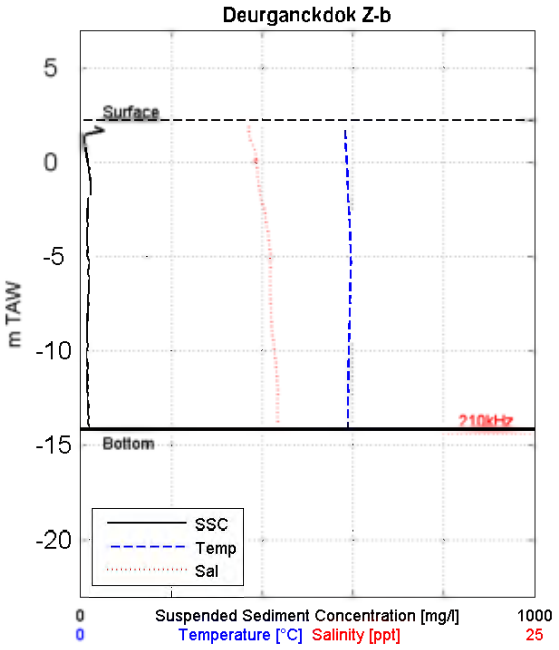

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

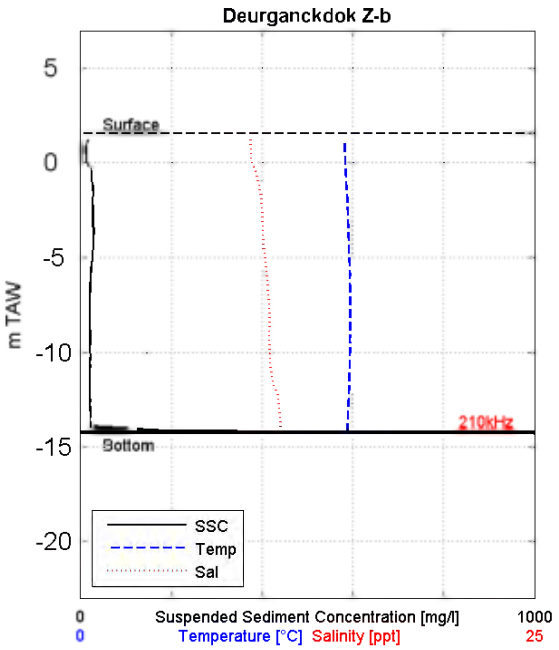
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1108Zb_ctd.sil<br>1123Zb_ctd.sil | Location: Deurganckdok |




**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 |

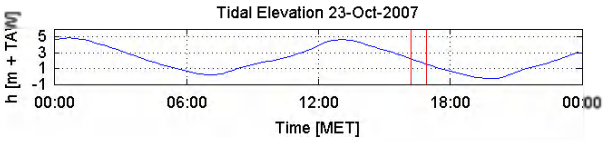
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.91 | 14.6 | 9.2 | 80 |
| 1.41 | 14.6 | 9.3 | 7 |
| 0.74 | 14.6 | 9.6 | 12 |
| 0.01 | 14.6 | 9.7 | 17 |
| -0.75 | 14.7 | 9.7 | 23 |
| -1.67 | 14.7 | 9.9 | 27 |
| -2.57 | 14.8 | 10.1 | 19 |
| -3.49 | 14.8 | 10.3 | 21 |
| -4.26 | 14.8 | 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** |



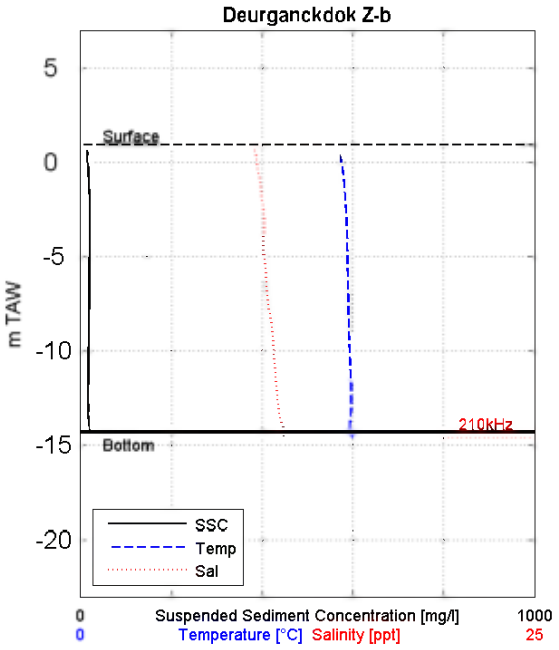

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

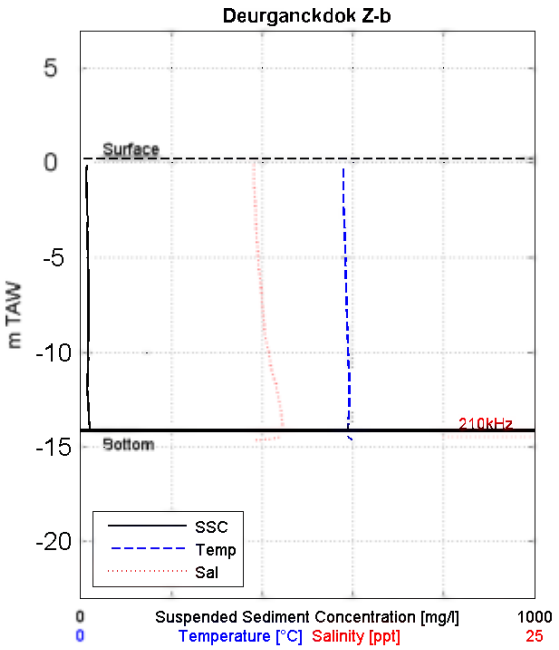
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1138Zb_ctd.sil<br>1154Zb_ctd.sil | Location: Deurganckdok |




**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 |

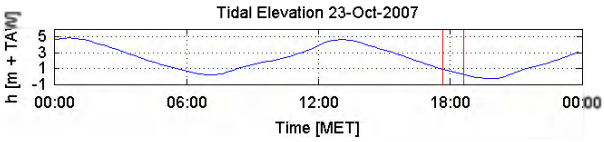
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.62 | 14.2 | 9.6 | 15 |
| 0.19 | 14.3 | 9.7 | 16 |
| -0.40 | 14.4 | 9.8 | 18 |
| -1.21 | 14.5 | 9.9 | 19 |
| -2.10 | 14.6 | 10.0 | 22 |
| -2.85 | 14.6 | 10.1 | 22 |
| -3.69 | 14.7 | 10.1 | 23 |
| -4.51 | 14.7 | 10.1 | 21 |
| -5.22 | 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** |



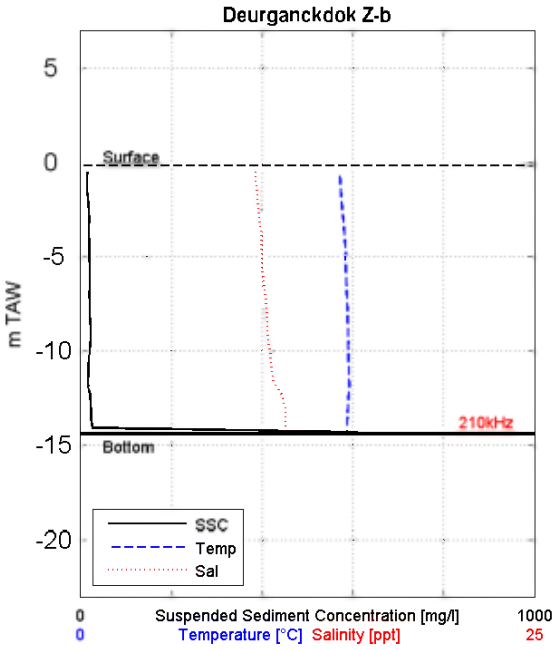

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

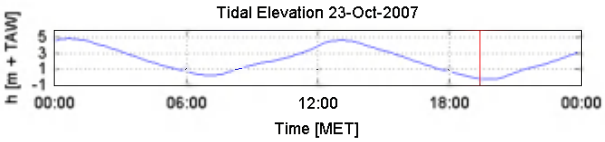
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1169Zb_ctd.sil | Location: Deurganckdok |




**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: IMDC

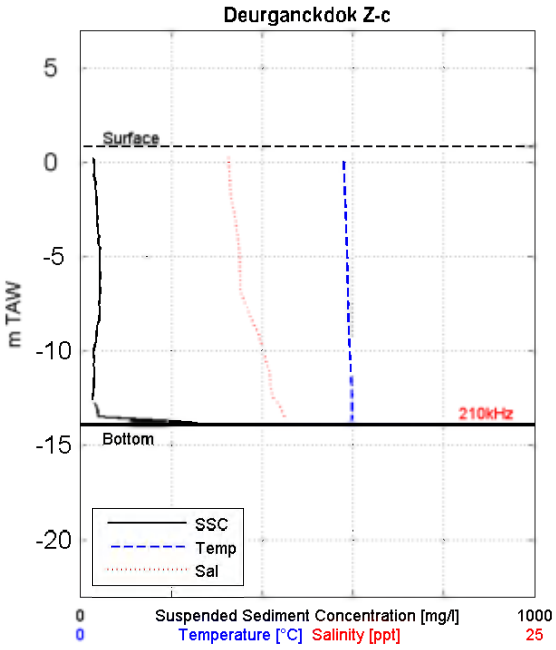
In association with :

I/RA/11283/07.086/MSA

## F.13 Location Zc

# Through tide measurements Siltprofiler 23 October 2007

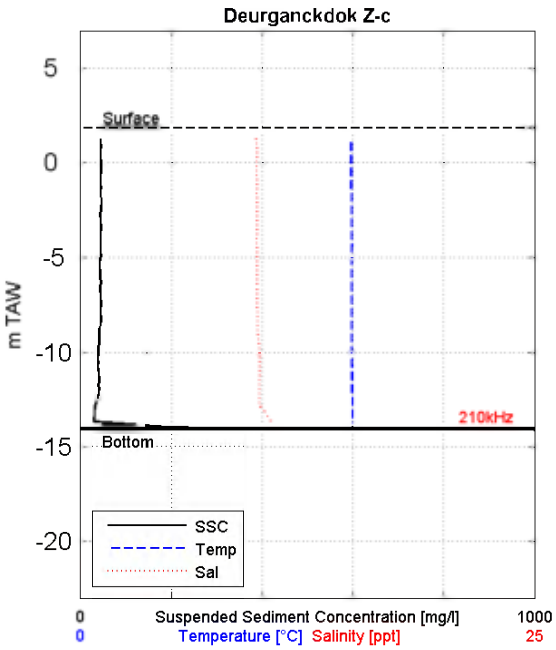
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1013Zc_ctd.sil<br>1028Zc_ctd.sil | Location: Deurganckdok |




**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 |

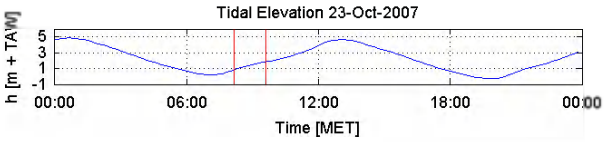
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.35 | 14.4 | 8.1 | 30 |
| 0.21 | 14.4 | 8.1 | 30 |
| 0.01 | 14.5 | 8.1 | 30 |
| -0.87 | 14.5 | 8.2 | 32 |
| -1.77 | 14.6 | 8.3 | 36 |
| -2.75 | 14.6 | 8.4 | 38 |
| -3.81 | 14.6 | 8.6 | 40 |
| -4.81 | 14.7 | 8.7 | 43 |
| -5.84 | 14.7 | 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** |



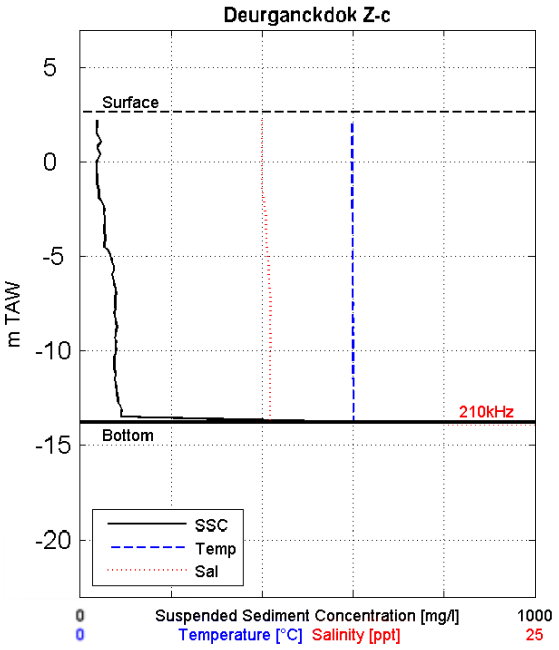

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

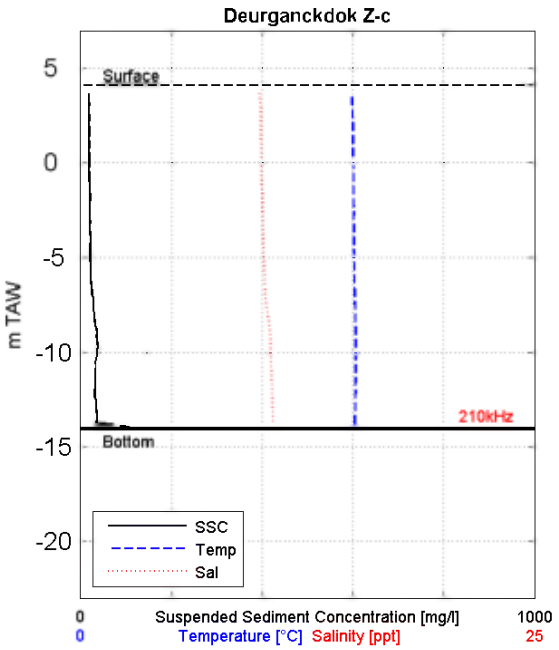
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1044Zc_ctd.sil<br>1059Zc_ctd.sil | Location: Deurganckdok |




**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 |

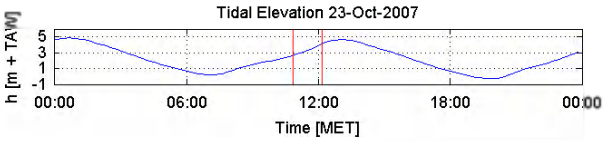
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.28 | 14.9 | NaN | 40 |
| 2.12 | 14.9 | 10.0 | 39 |
| 2.05 | 14.9 | 10.0 | 36 |
| 1.92 | 14.9 | 10.0 | 38 |
| 1.45 | 14.9 | 10.0 | 37 |
| 0.60 | 14.9 | 9.9 | 32 |
| -0.24 | 14.9 | 10.0 | 37 |
| -1.06 | 15.0 | 10.0 | 38 |
| -1.91 | 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** |



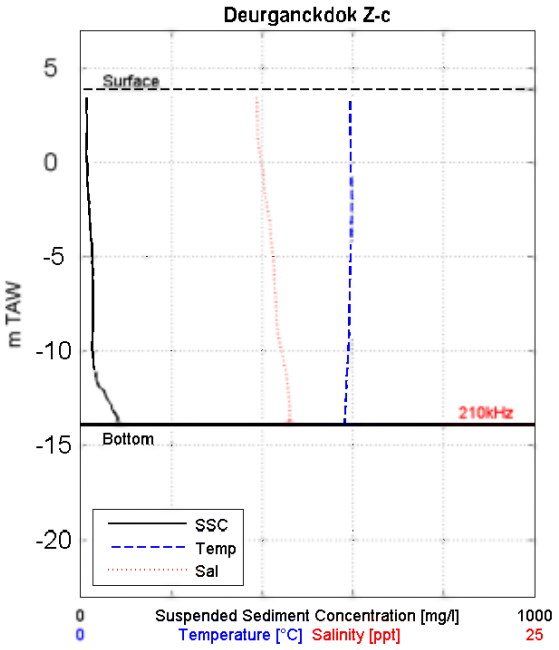

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

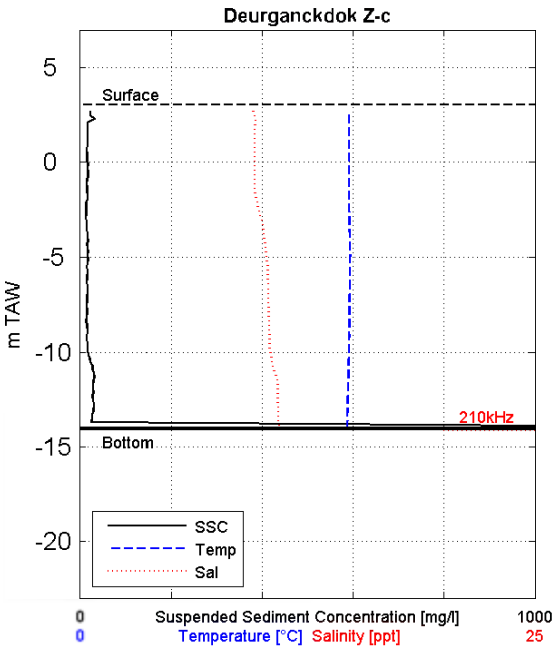
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1077Zc_ctd.sil<br>1092Zc_ctd.sil | Location: Deurganckdok |




**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 |

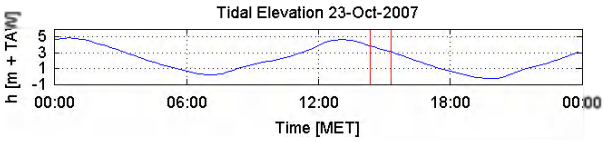
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 3.50 | 14.8 | 9.7 | 14 |
| 3.42 | 14.8 | 9.7 | 13 |
| 3.39 | 14.8 | 9.7 | 14 |
| 3.36 | 14.8 | 9.7 | 14 |
| 3.35 | 14.9 | 9.7 | 18 |
| 3.32 | 14.9 | 9.7 | 13 |
| 3.27 | 14.8 | 9.7 | 16 |
| 2.38 | 14.8 | 9.7 | 16 |
| 1.26 | 14.9 | 9.7 | 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** |



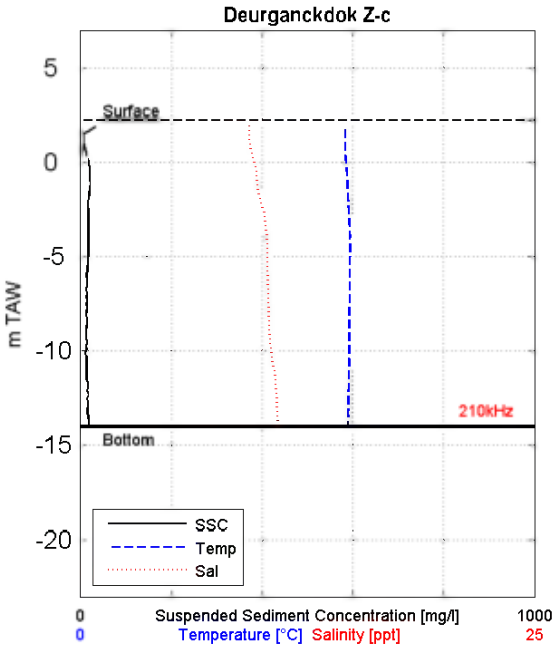

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

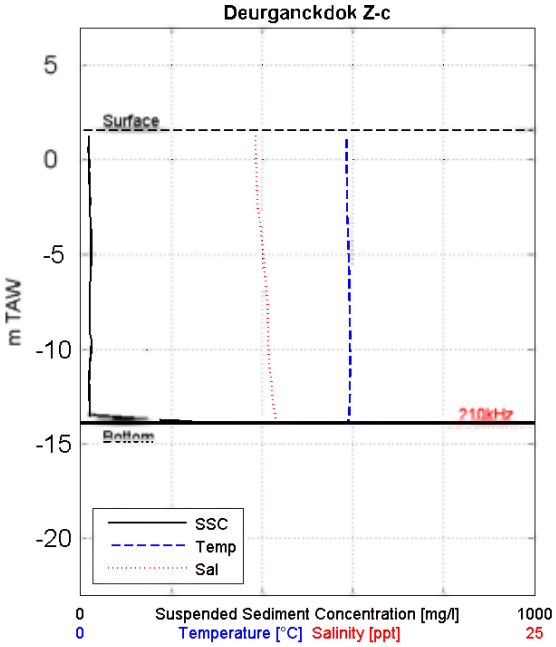
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1107Zc_ctd.sil<br>1122Zc_ctd.sil | Location: Deurganckdok |




**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 |

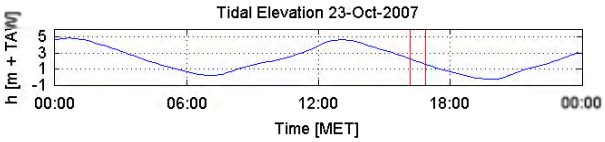
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.95 | 14.6 | 9.3 | 61 |
| 1.64 | 14.6 | 9.3 | 6 |
| 0.94 | 14.6 | 9.3 | 7 |
| 0.28 | 14.6 | 9.5 | 16 |
| -0.45 | 14.6 | 9.7 | 23 |
| -1.20 | 14.7 | 9.7 | 25 |
| -2.03 | 14.7 | 9.9 | 18 |
| -2.88 | 14.8 | 10.1 | 20 |
| -3.67 | 14.8 | 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** |



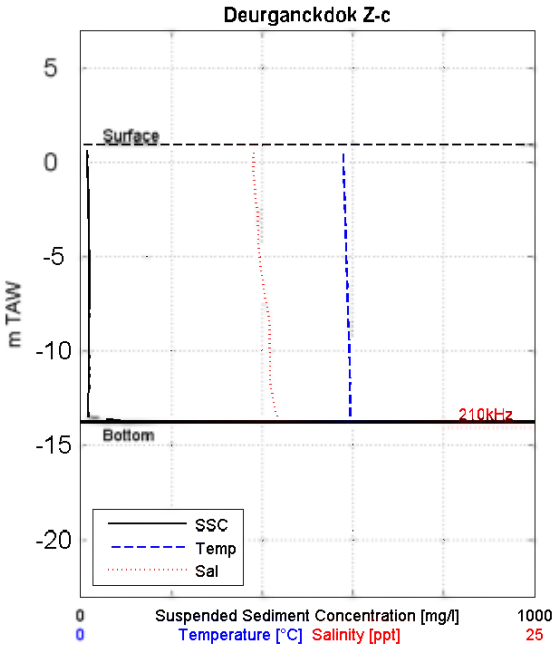

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

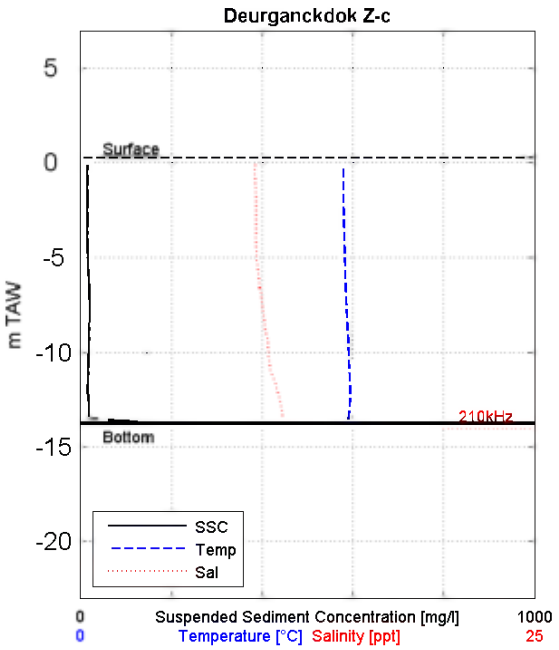
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1137Zc_ctd.sil<br>1153Zc_ctd.sil | Location: Deurganckdok |




**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 |

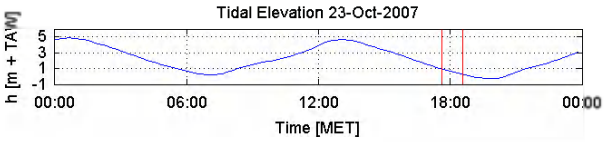
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.65 | 14.5 | NaN | 14 |
| 0.43 | 14.5 | 9.5 | 16 |
| 0.37 | 14.4 | 9.5 | 16 |
| 0.34 | 14.4 | 9.5 | 17 |
| 0.32 | 14.5 | 9.5 | 17 |
| 0.15 | 14.5 | 9.5 | 15 |
| -0.68 | 14.5 | 9.5 | 16 |
| -1.61 | 14.5 | 9.6 | 19 |
| -2.66 | 14.6 | 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** |



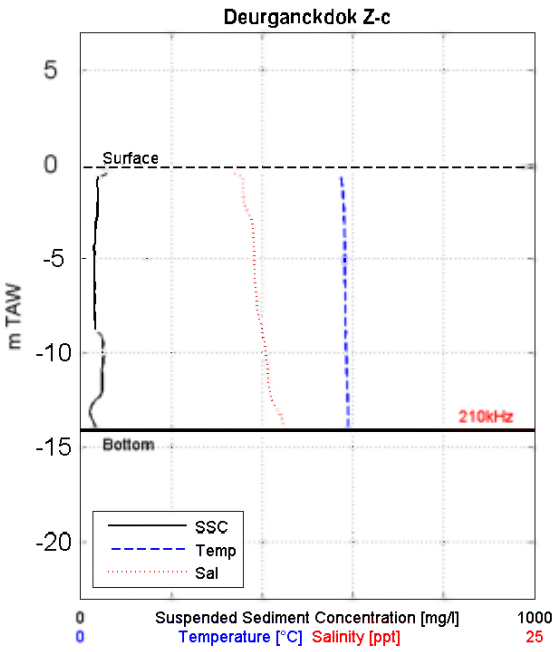

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

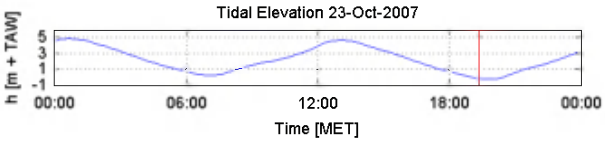
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1168Zc_ctd.sil | Location: Deurganckdok |




**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: IMDC

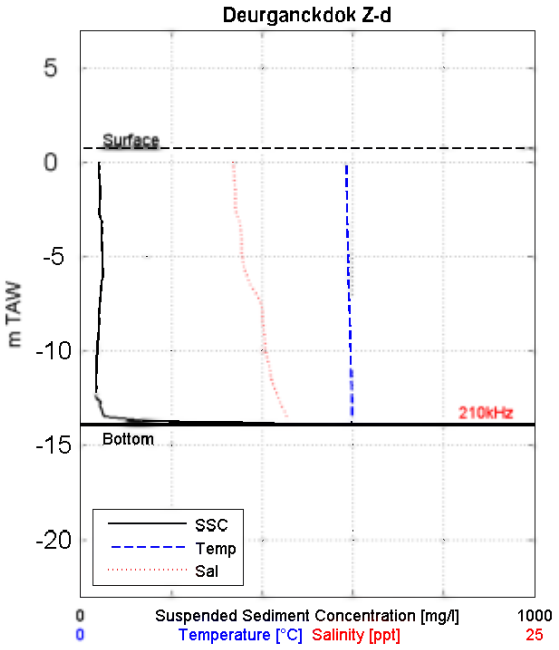
In association with :

I/RA/11283/07.086/MSA

## F.14 Location Zd

# Through tide measurements Siltprofiler 23 October 2007

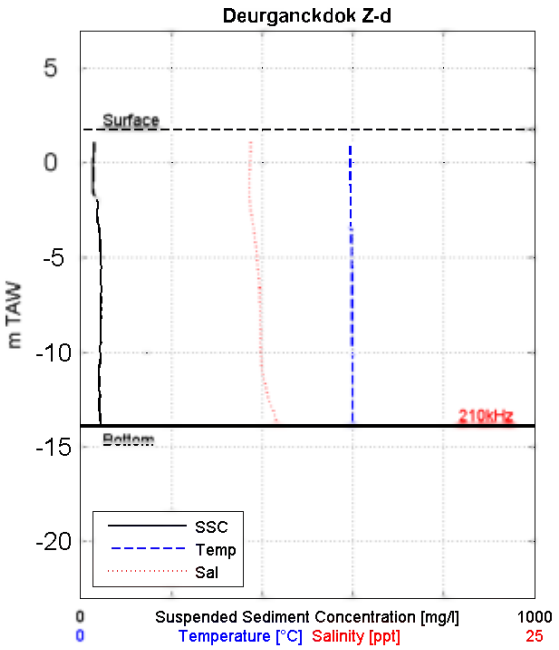
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1012Zd_ctd.sil<br>1027Zd_ctd.sil | Location: Deurganckdok |




**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 |

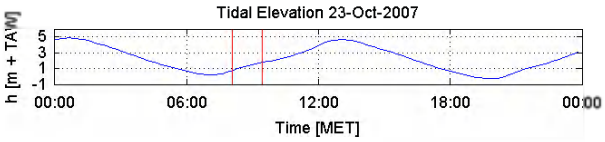
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.10 | 14.6 | NaN | 41 |
| 0.01 | 14.6 | 8.4 | 41 |
| 0.00 | 14.7 | 8.3 | 43 |
| -0.02 | 14.7 | 8.4 | 43 |
| -0.04 | 14.7 | 8.4 | 51 |
| -0.06 | 14.6 | 8.3 | 43 |
| -0.12 | 14.5 | 8.4 | 24 |
| -1.01 | 14.7 | 8.5 | 41 |
| -2.11 | 14.7 | 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** |



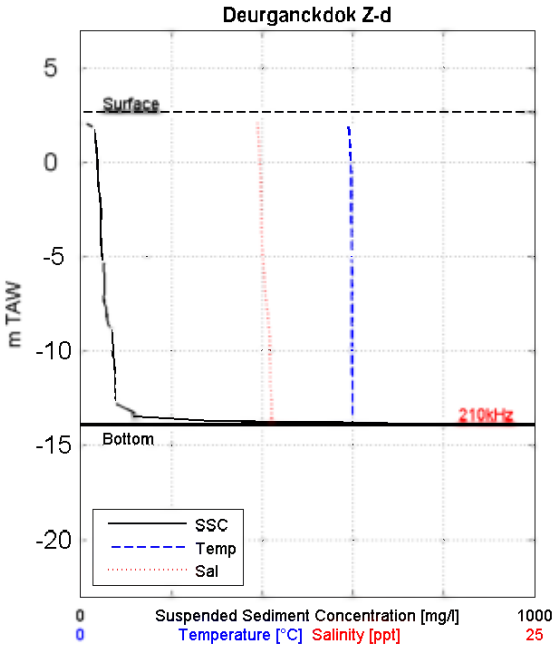

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

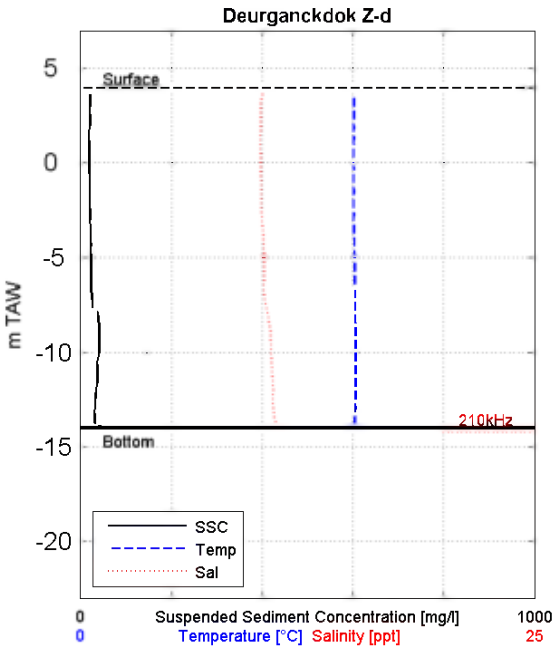
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1043Zd_ctd.sil<br>1058Zd_ctd.sil | Location: Deurganckdok |




**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 |

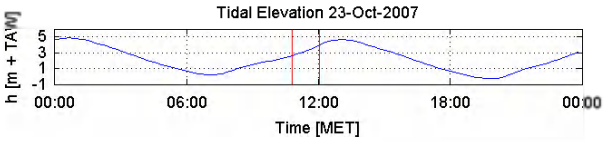
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.05 | 14.7 | 9.7 | 14 |
| 1.10 | 14.8 | 9.8 | 34 |
| 0.21 | 14.9 | 9.8 | 39 |
| -0.75 | 14.9 | 9.9 | 40 |
| -1.80 | 14.9 | 9.9 | 44 |
| -2.86 | 14.9 | 9.9 | 47 |
| -4.09 | 14.9 | 10.0 | 47 |
| -5.20 | 14.9 | 10.0 | 51 |
| -6.14 | 14.9 | 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** |



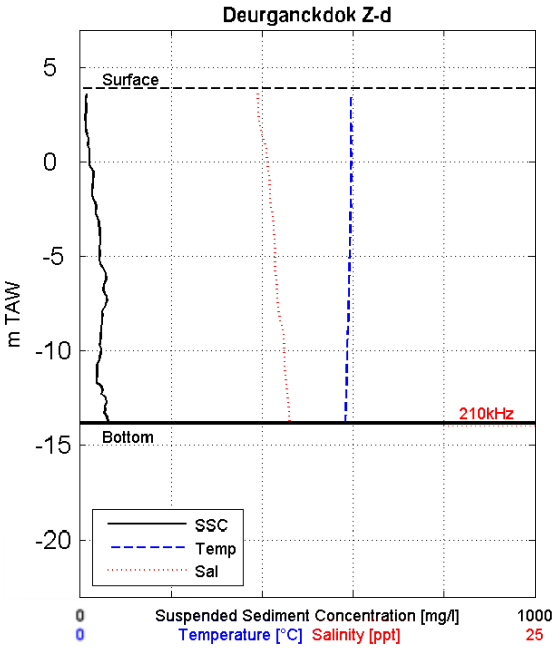

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

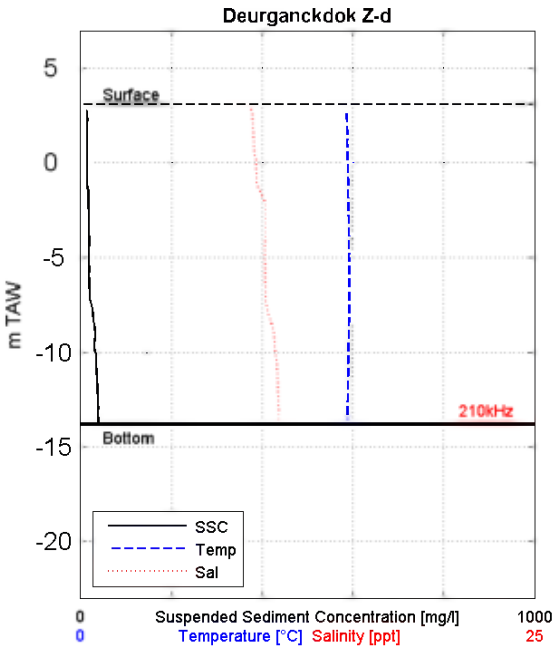
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1076Zd_ctd.sil<br>1091Zd_ctd.sil | Location: Deurganckdok |




**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 |

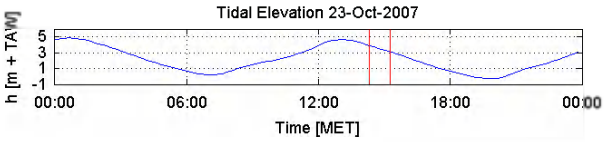
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 3.61 | 14.9 | 9.7 | 17 |
| 3.44 | 14.9 | 9.8 | 16 |
| 2.80 | 14.9 | 9.8 | 13 |
| 1.99 | 14.9 | 9.8 | 14 |
| 1.26 | 14.9 | 10.1 | 21 |
| 0.42 | 14.9 | 10.2 | 22 |
| -0.38 | 14.9 | 10.3 | 28 |
| -1.40 | 14.8 | 10.4 | 27 |
| -2.51 | 14.8 | 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** |



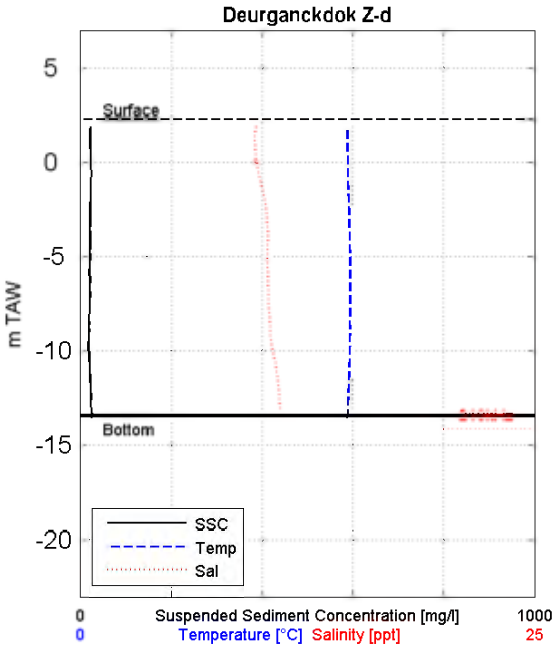

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

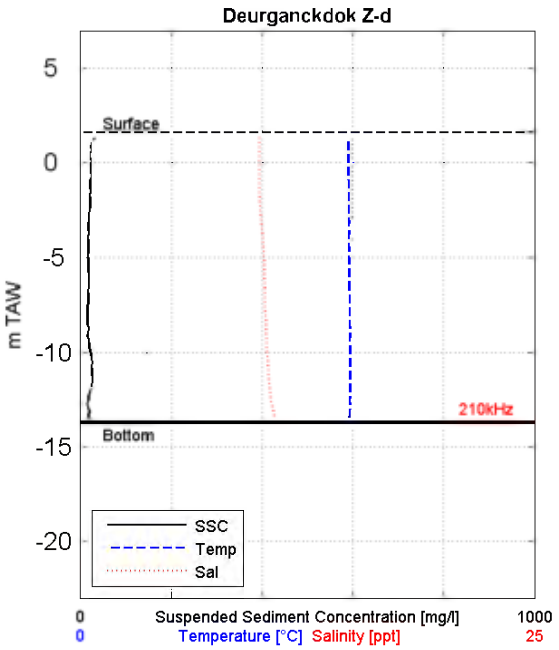
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1106Zd_ctd.sil<br>1121Zd_ctd.sil | Location: Deurganckdok |




**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 |

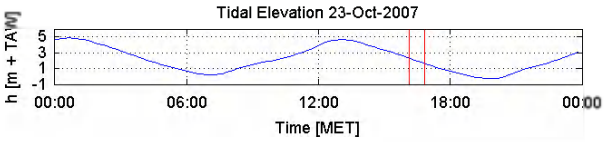
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.95 | 14.6 | 9.7 | 24 |
| 1.88 | 14.7 | 9.7 | 25 |
| 1.83 | 14.7 | 9.6 | 26 |
| 1.79 | 14.7 | 9.6 | 23 |
| 1.39 | 14.7 | 9.6 | 21 |
| 0.77 | 14.7 | 9.6 | 21 |
| 0.12 | 14.7 | 9.7 | 23 |
| -0.81 | 14.7 | 9.8 | 23 |
| -1.82 | 14.7 | 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** |



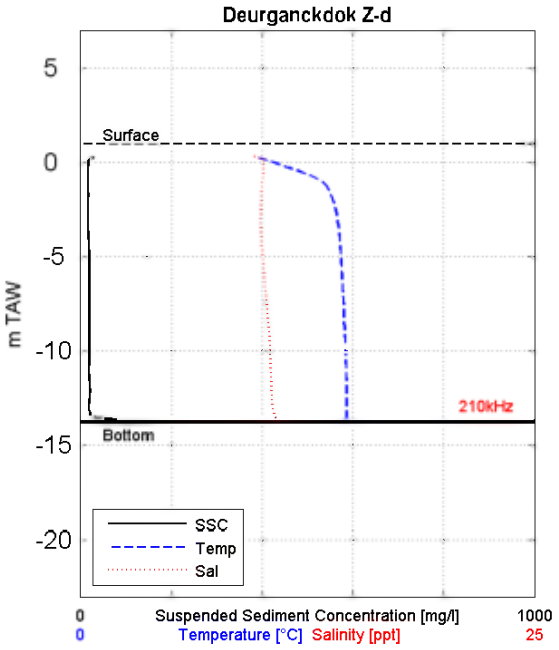

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

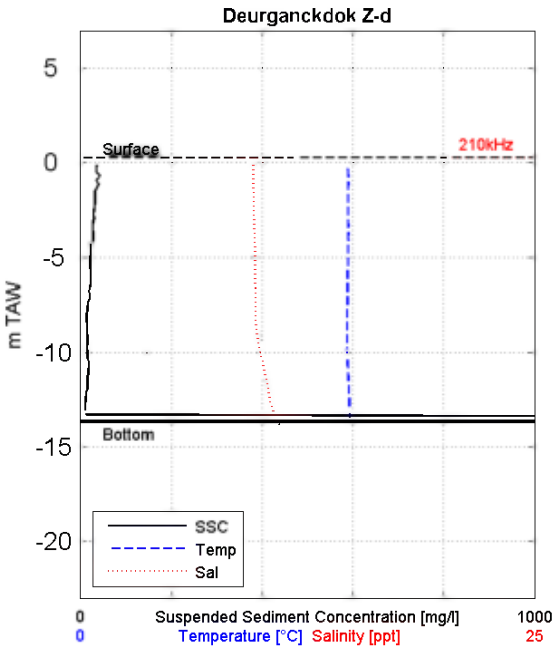
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1136Zd_ctd.sil<br>1152Zd_ctd.sil | Location: Deurganckdok |




**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 |

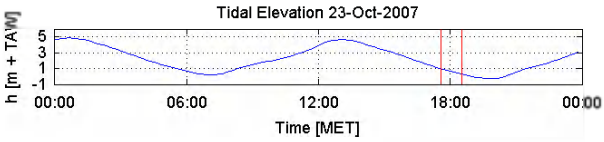
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.37 | 9.4 | 8.9 | 46 |
| -0.33 | 11.6 | 10.1 | 17 |
| -0.84 | 13.0 | 10.0 | 17 |
| -1.27 | 13.6 | 9.9 | 16 |
| -1.98 | 13.9 | 9.9 | 18 |
| -2.80 | 14.1 | 9.9 | 17 |
| -3.52 | 14.2 | 9.9 | 17 |
| -4.26 | 14.3 | 9.9 | 21 |
| -5.20 | 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** |



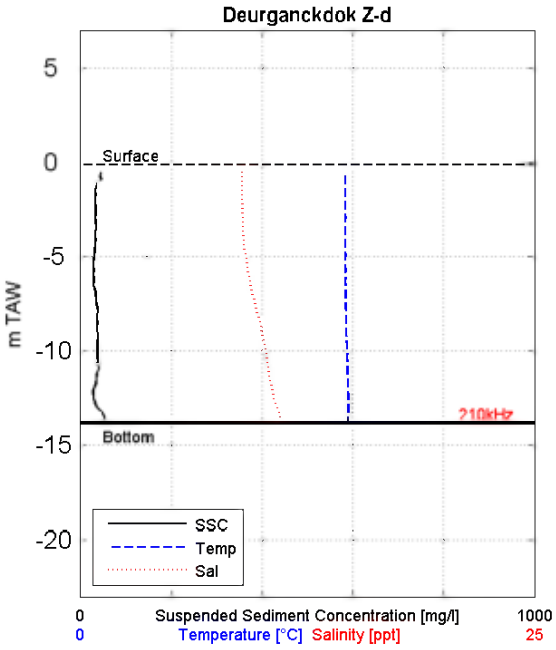

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

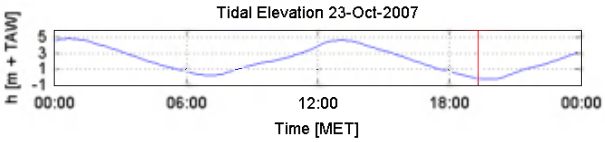
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1167Zd_ctd.sil | Location: Deurganckdok |




**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: IMDC

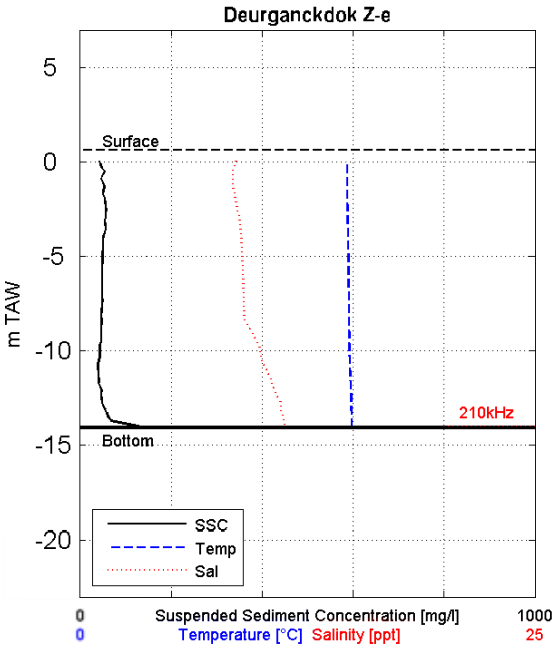
In association with :

I/RA/11283/07.086/MSA

## F.15 Location Ze

# Through tide measurements Siltprofiler 23 October 2007

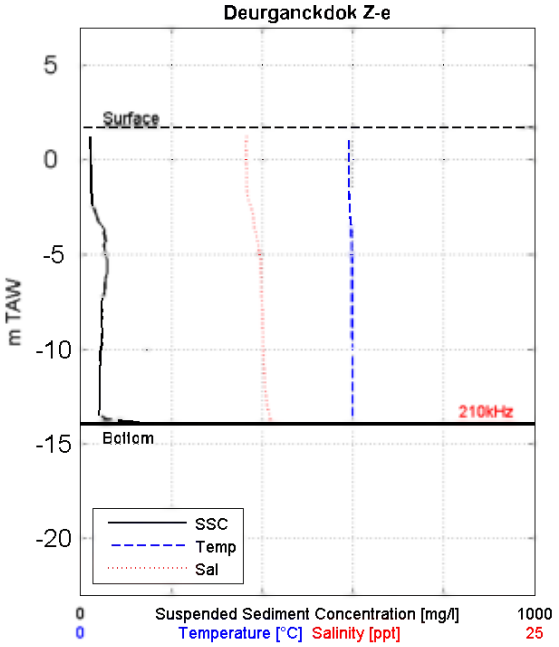
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1011Ze_ctd.sil<br>1026Ze_ctd.sil | Location: Deurganckdok |




**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 |

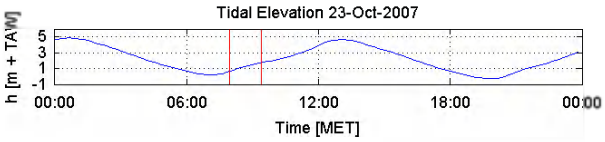
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.07 | 14.7 | 8.6 | 44 |
| -0.32 | 14.7 | 8.4 | 50 |
| -0.90 | 14.7 | 8.4 | 45 |
| -1.56 | 14.7 | 8.4 | 52 |
| -2.32 | 14.7 | 8.6 | 57 |
| -3.22 | 14.8 | 8.8 | 56 |
| -4.05 | 14.7 | 8.8 | 52 |
| -4.85 | 14.7 | 8.9 | 51 |
| -5.72 | 14.8 | 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** |



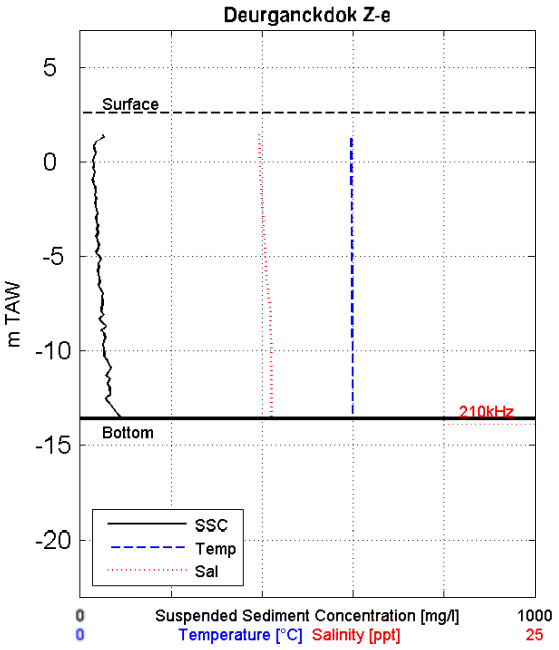

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

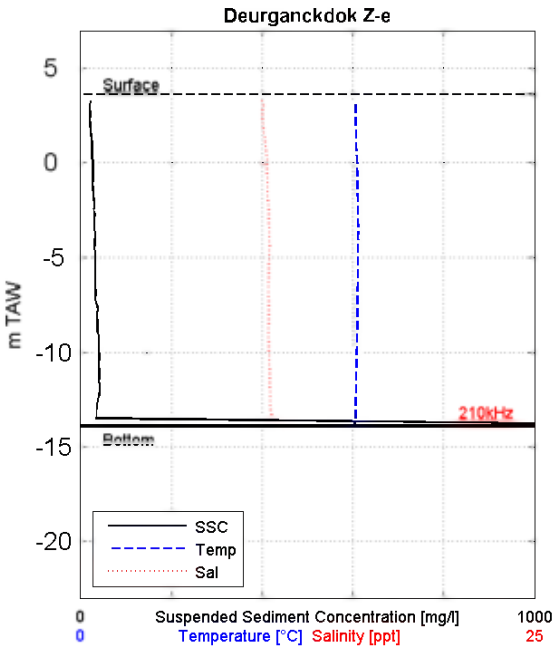
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1042Ze_ctd.sil<br>1057Ze_ctd.sil | Location: Deurganckdok |




**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 |

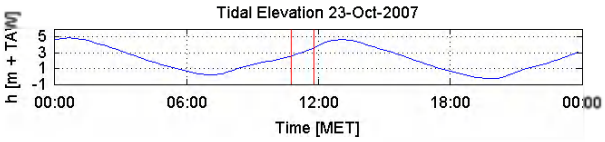
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 1.48 | 14.9 | 9.8 | 55 |
| 0.76 | 14.9 | 9.8 | 34 |
| -0.02 | 14.9 | 9.8 | 36 |
| -0.81 | 14.9 | 9.9 | 31 |
| -1.57 | 14.9 | 9.9 | 35 |
| -2.39 | 14.9 | 10.0 | 34 |
| -3.25 | 14.9 | 10.1 | 36 |
| -4.11 | 15.0 | 10.1 | 30 |
| -4.96 | 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** |



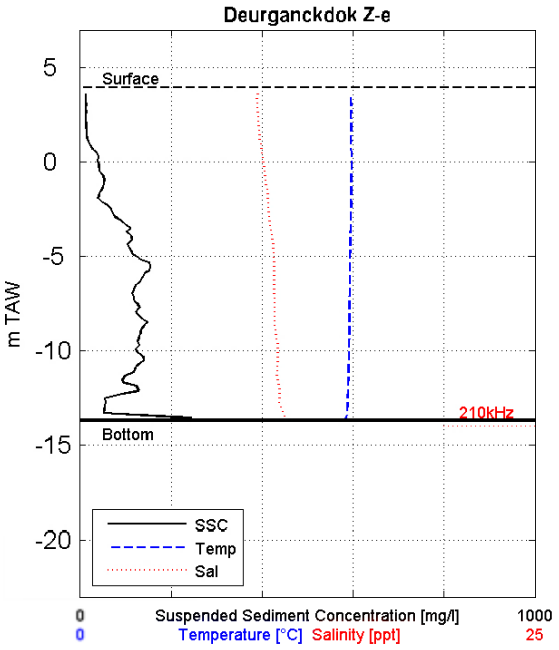

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

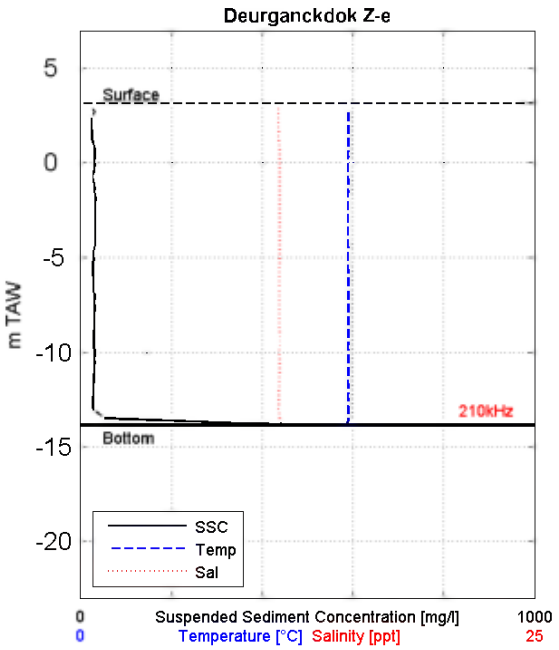
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1075Ze_ctd.sil<br>1090Ze_ctd.sil | Location: Deurganckdok |




**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 |

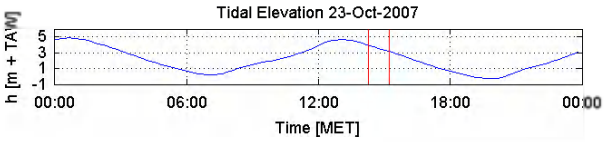
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 3.65 | 14.9 | 9.8 | 10 |
| 2.96 | 14.9 | 9.7 | 13 |
| 1.79 | 14.9 | 9.8 | 16 |
| 0.16 | 14.9 | 10.0 | 41 |
| -0.94 | 14.9 | 10.2 | 57 |
| -2.11 | 14.9 | 10.3 | 52 |
| -3.52 | 14.9 | 10.5 | 118 |
| -4.78 | 14.8 | 10.6 | 117 |
| -5.88 | 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** |



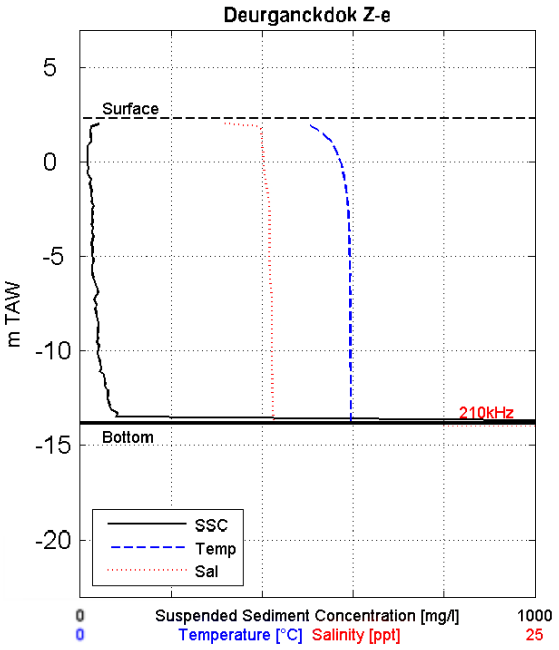

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

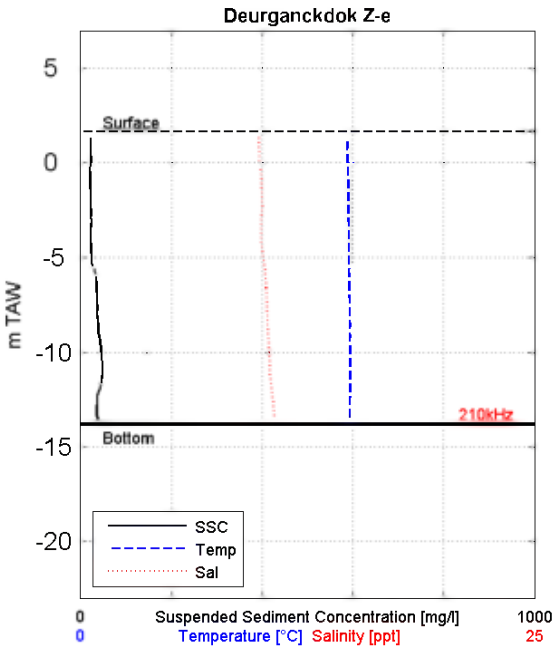
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1105Ze_ctd.sil<br>1120Ze_ctd.sil | Location: Deurganckdok |




**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 |

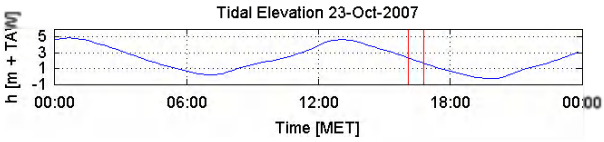
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 2.05 | 12.4 | 7.6 | 44 |
| 1.38 | 13.4 | 9.9 | 27 |
| 0.51 | 14.1 | 10.1 | 18 |
| -0.53 | 14.4 | 10.1 | 20 |
| -1.64 | 14.6 | 10.3 | 18 |
| -2.72 | 14.7 | 10.4 | 25 |
| -3.82 | 14.8 | 10.4 | 28 |
| -4.79 | 14.8 | 10.4 | 27 |
| -5.69 | 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** |



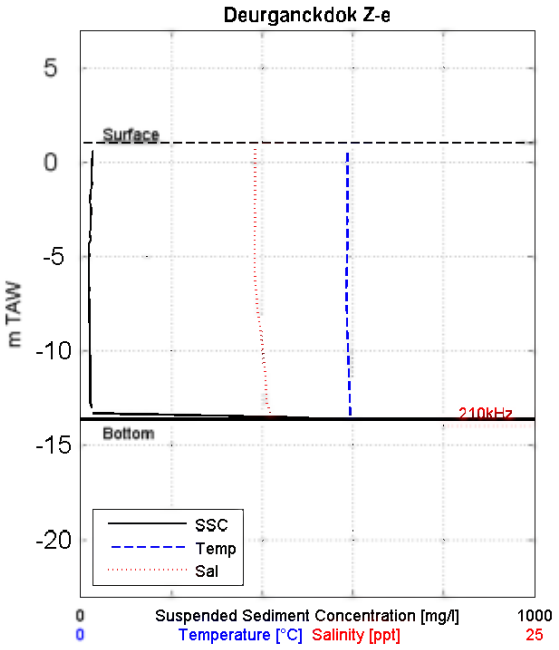

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

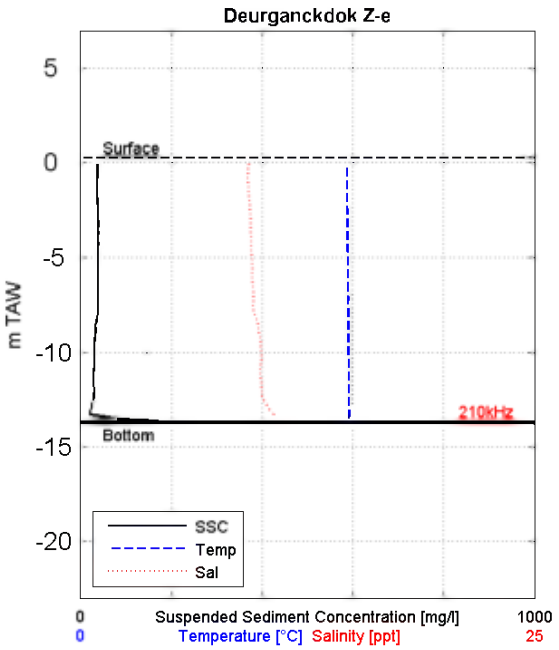
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1135Ze_ctd.sil<br>1151Ze_ctd.sil | Location: Deurganckdok |




**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 |

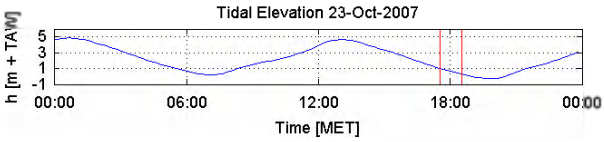
| Z [mTAW] | Temp [°C] | Sal [ppt] | SS [mg/l] |
|---|---|---|---|
| 0.72 | 14.8 | 9.6 | 27 |
| 0.59 | 14.7 | 9.6 | 27 |
| 0.21 | 14.7 | 9.6 | 26 |
| -0.42 | 14.7 | 9.6 | 26 |
| -1.26 | 14.6 | 9.6 | 26 |
| -2.12 | 14.7 | 9.6 | 22 |
| -3.05 | 14.7 | 9.6 | 18 |
| -4.01 | 14.6 | 9.6 | 24 |
| -4.87 | 14.7 | 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** |



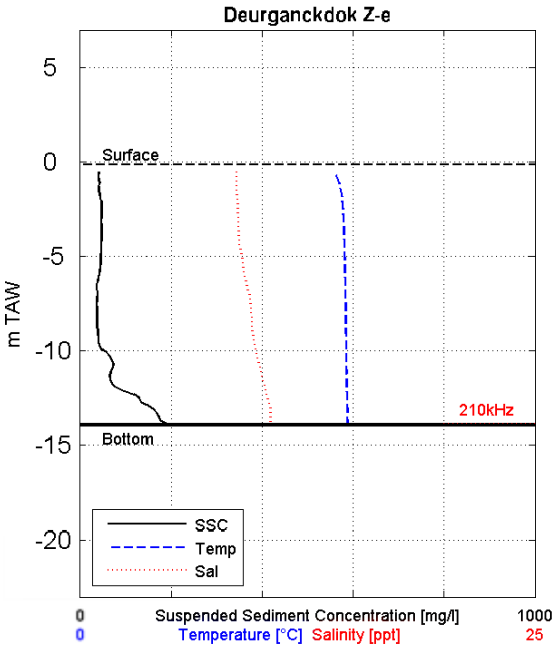

Data Processed by: IMDC

In association with :

I/RA/11283/07.086/MSA

# Through tide measurements Siltprofiler 23 October 2007

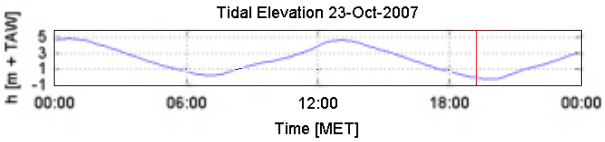
| | |
|---|---|
| 11283 | Equipment(s): SiltProfiler & CTD-Diver |
| Sourcefile(s): 1166Ze_ctd.sil | Location: Deurganckdok |




**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: IMDC

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* | | | *Depth Avg* | | | *Top 50% Depth Avg* | | | *Bottom 50% Depth Avg* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Name* | *Time after HW* | *Time* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* |
| | *[hh:mm]* | *[hh:mm MET]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[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* | | | *Depth Avg* | | | *Top 50% Depth Avg* | | | *Bottom 50% Depth Avg* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Name* | *Time after HW* | *Time* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* |
| | *[hh:mm]* | *[hh:mm MET]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[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* | | | *Depth Avg* | | | *Top 50% Depth Avg* | | | *Bottom 50% Depth Avg* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Name* | *Time after HW* | *Time* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* |
| | *[hh:mm]* | *[hh:mm MET]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[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* | | | *Depth Avg* | | | *Top 50% Depth Avg* | | | *Bottom 50% Depth Avg* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Name* | *Time after HW* | *Time* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* |
| | *[hh:mm]* | *[hh:mm MET]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[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* | | | *Depth Avg* | | | *Top 50% Depth Avg* | | | *Bottom 50% Depth Avg* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Name* | *Time after HW* | *Time* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* |
| | *[hh:mm]* | *[hh:mm MET]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[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 |

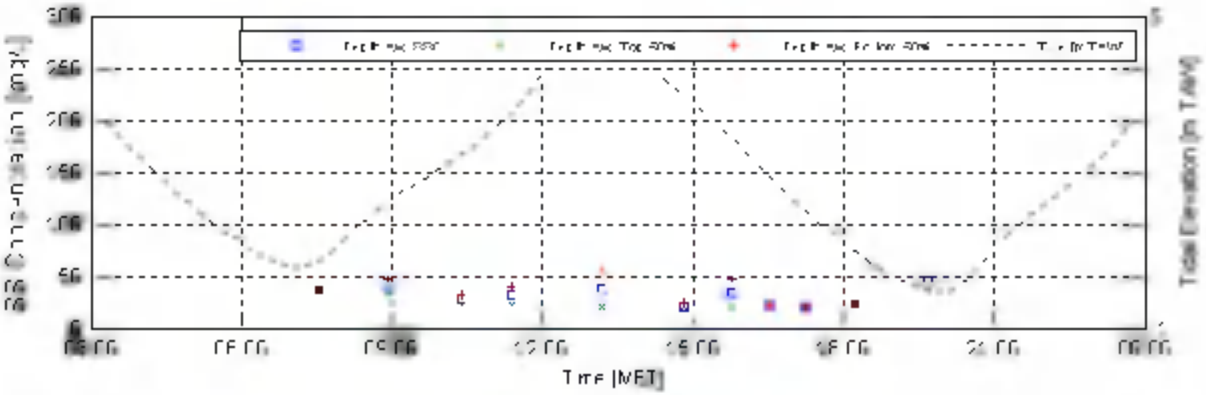
| *Siltprofiles* | | | *Depth Avg* | | | *Top 50% Depth Avg* | | | *Bottom 50% Depth Avg* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Name* | *Time after HW* | *Time* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* |
| | *[hh:mm]* | *[hh:mm MET]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[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 |

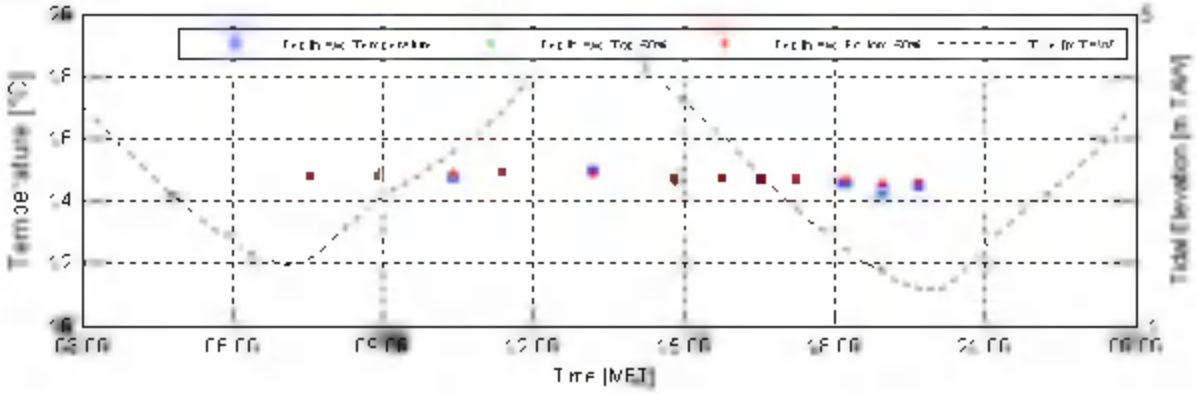
| *Siltprofiles* | | | *Depth Avg* | | | *Top 50% Depth Avg* | | | *Bottom 50% Depth Avg* | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Name* | *Time after HW* | *Time* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* | *Temp* | *Sal* | *SS Conc* |
| | *[hh:mm]* | *[hh:mm MET]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[mg/l]* | *[°C]* | *[ppt]* | *[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** |

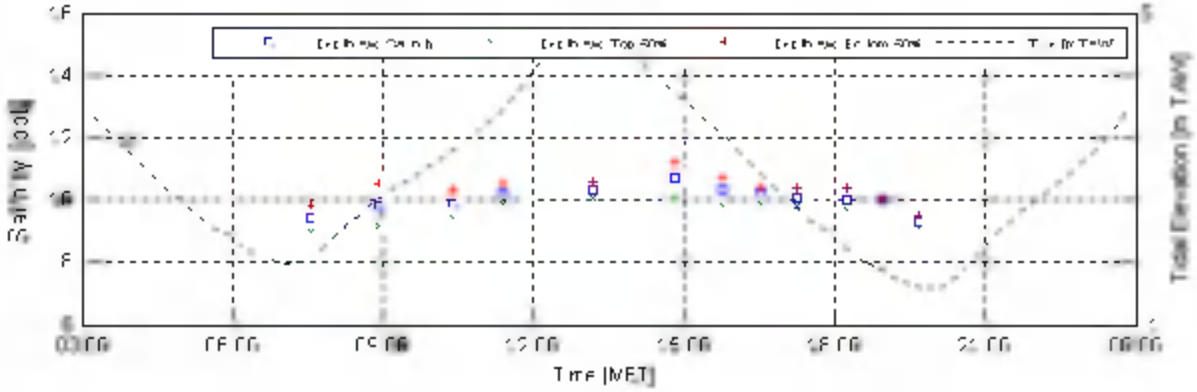
## G.2 Figures

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentcerckerk - Xa |




Date:

23-Oct-2007

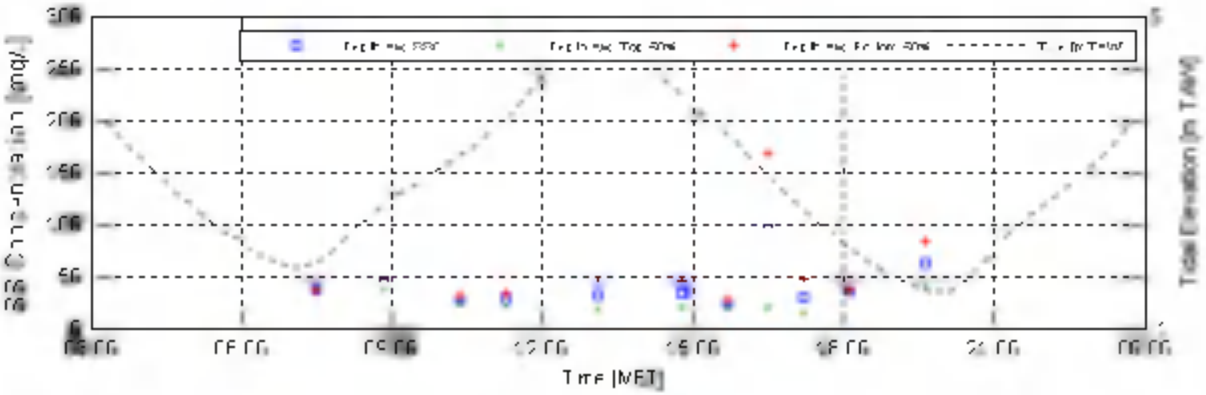
Data Processed by: IMDC

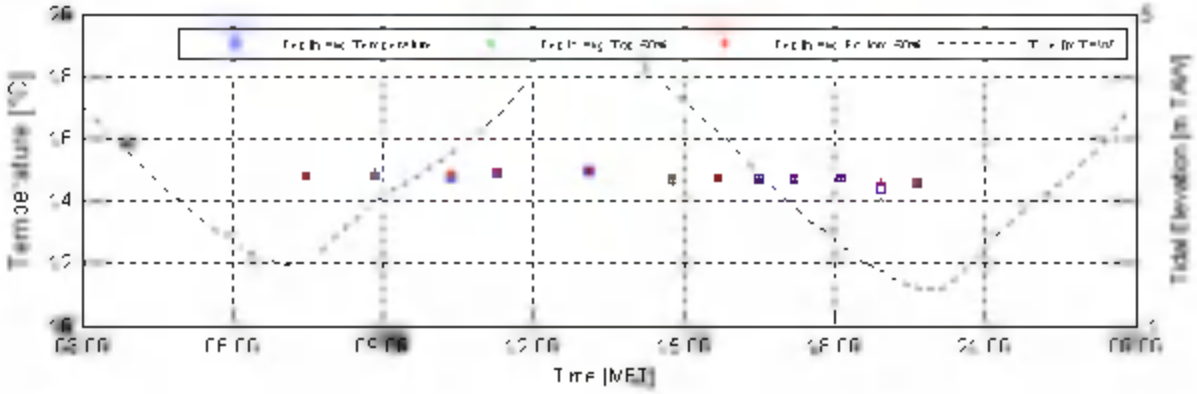
Processed on with: [illegible]

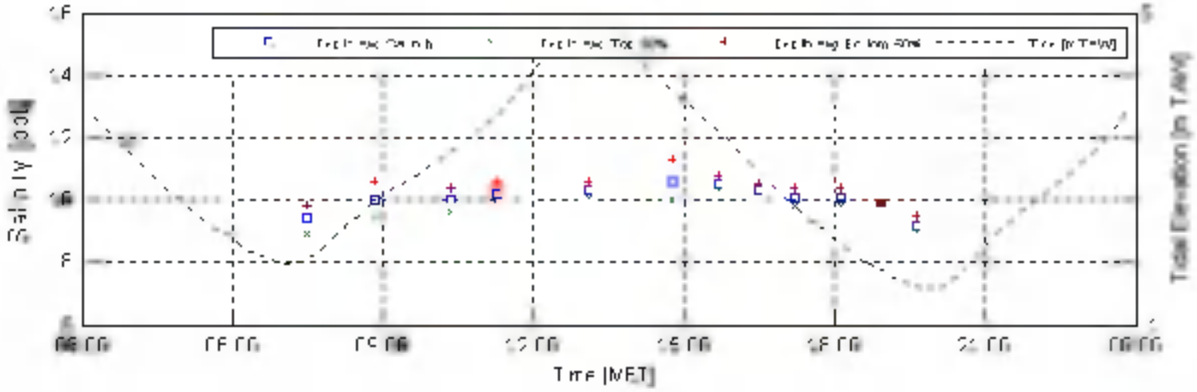
/RAM/[illegible]/7 CFEMSA

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentercerkerk - X[illegible] |




Date:

23-Oct-2007

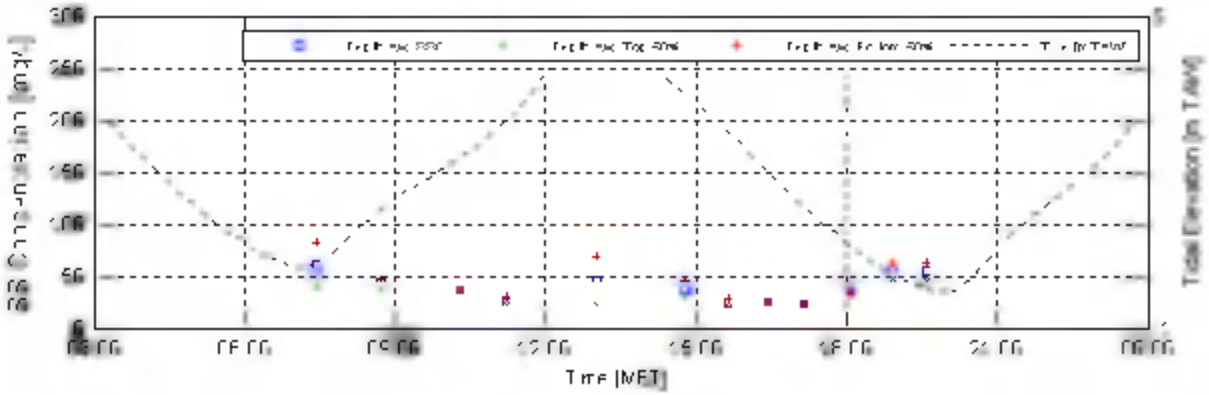
Data Processed by: IMDC

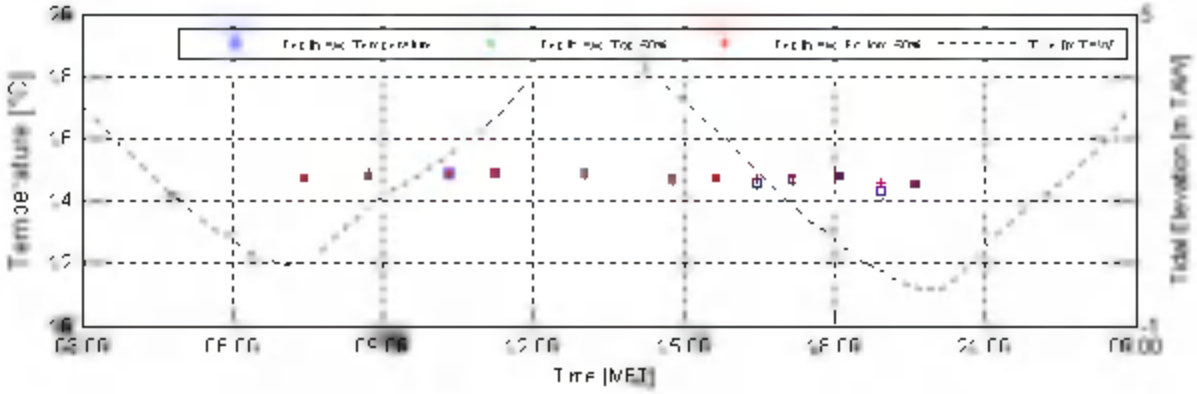
Processed on with: [illegible]

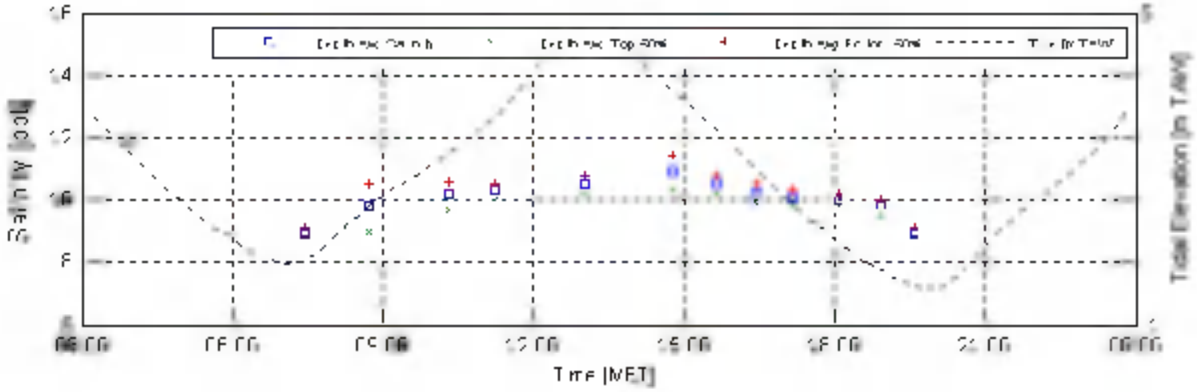
IRA/M[illegible]/07 CF6/MSA

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentercerkerk - Xe |




Date:

23-Oct-2007

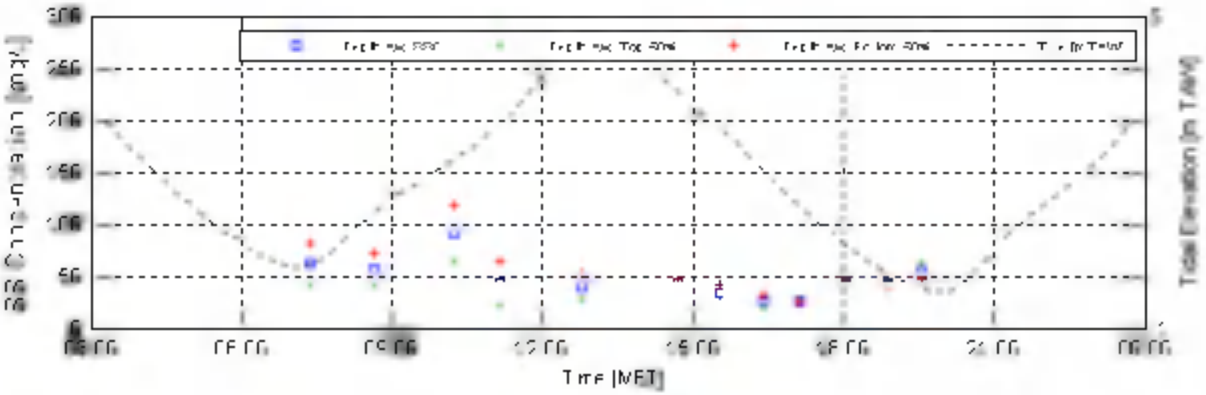
Data Processed by

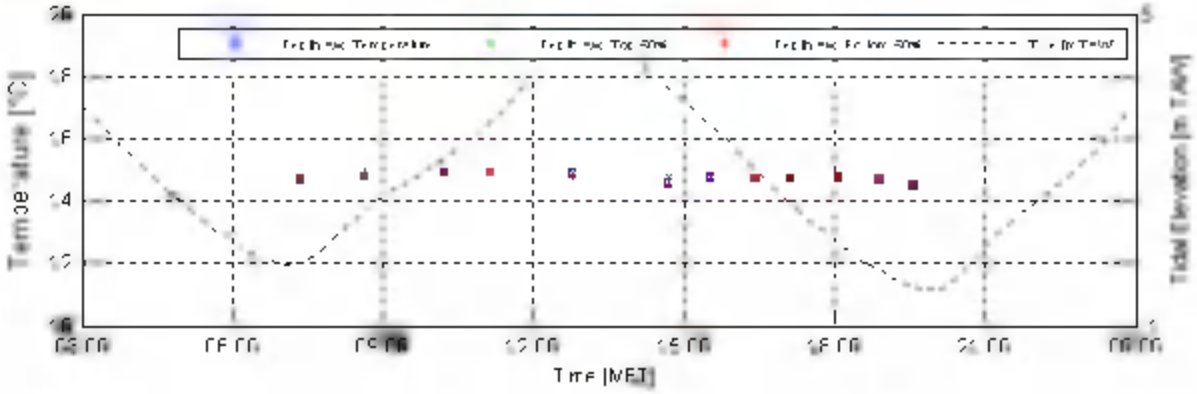
Processed on with

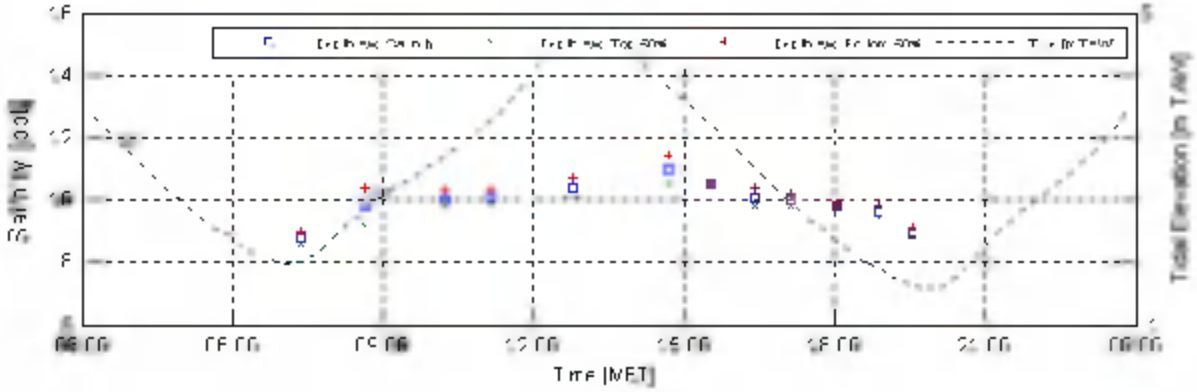
[illegible]

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentercerkerk - Xe |




Date:

23-Oct-2007

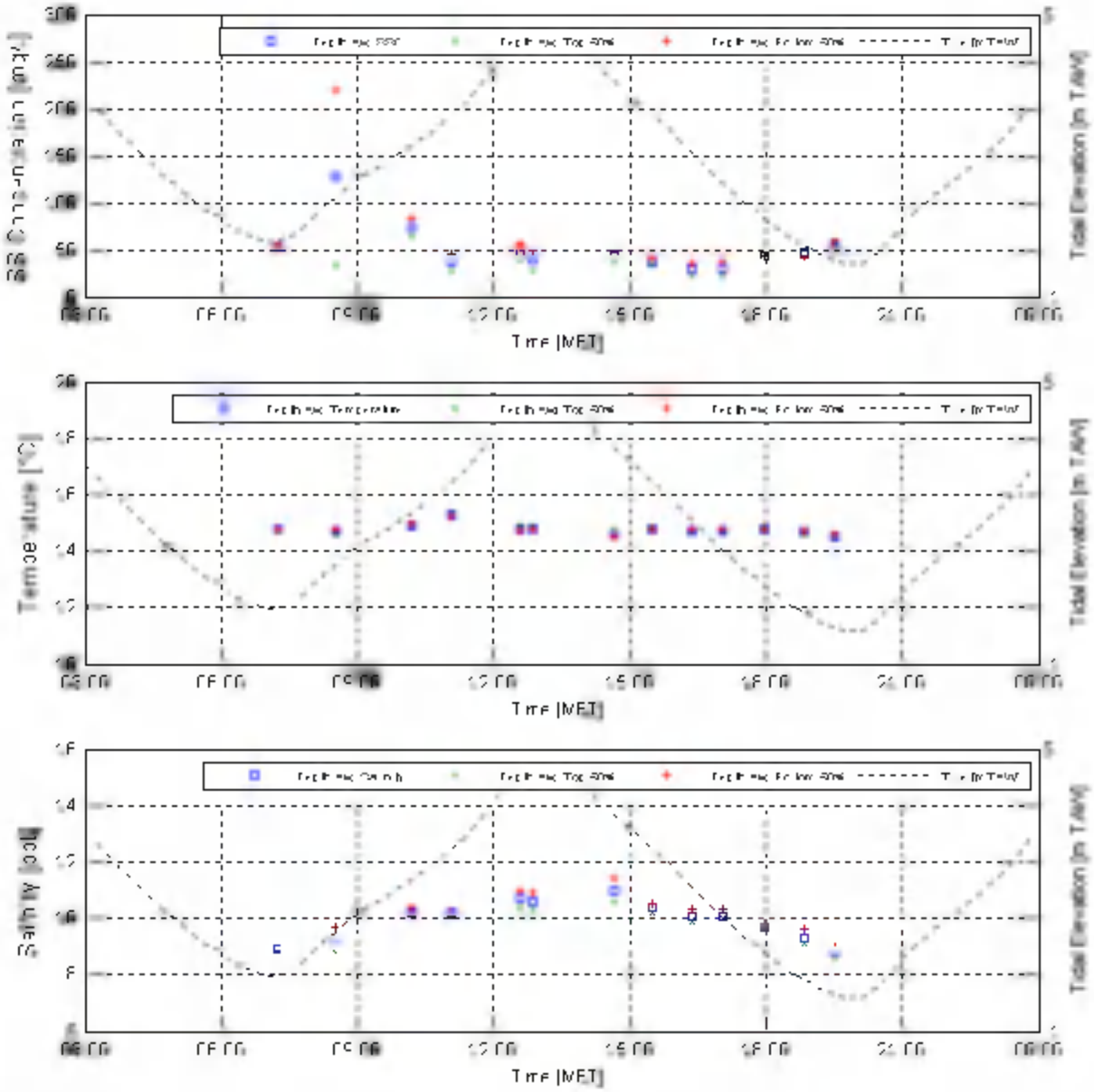
Data Processed by: IWDC

Processed with: [illegible]

/RAM/[illegible]/7 [illegible]/MSA

# Through tide measurements Siltprofiler 23 October 2007

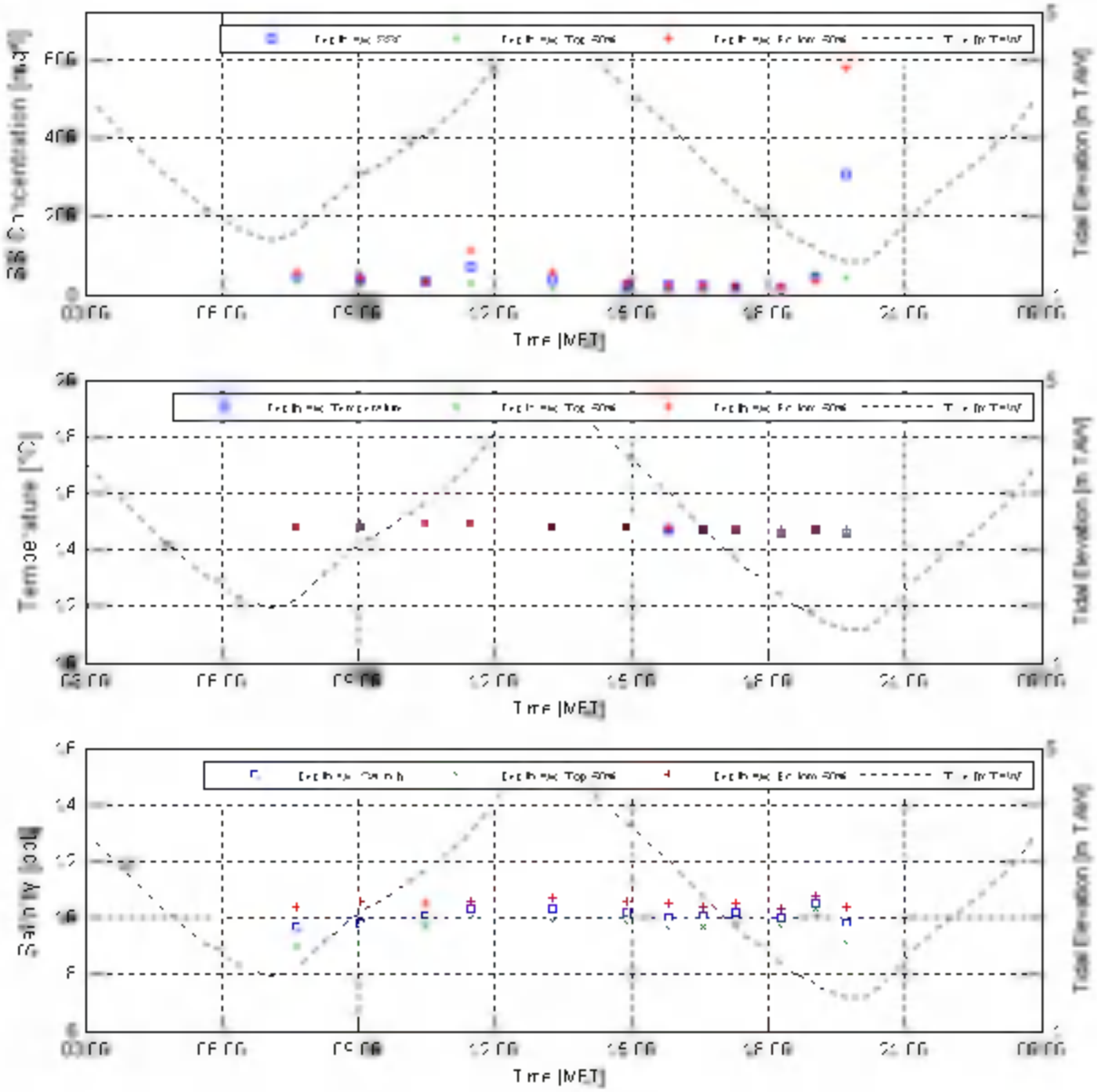
| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentcerckerk - Xe |




| | |
|---|---|
| Date: 23-Oct-2007 | Data Processed by: IMDC<br>Processed on with: [illegible]<br>IRAM/CFSM7 CFEM/SA |

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentcerckerk - Ye |




Date:

23-Oct-2007

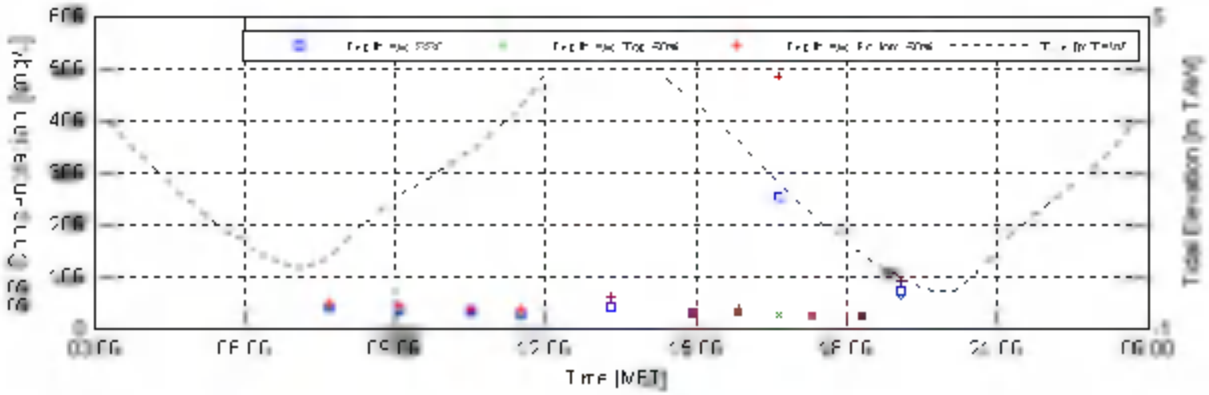
Data Processed by

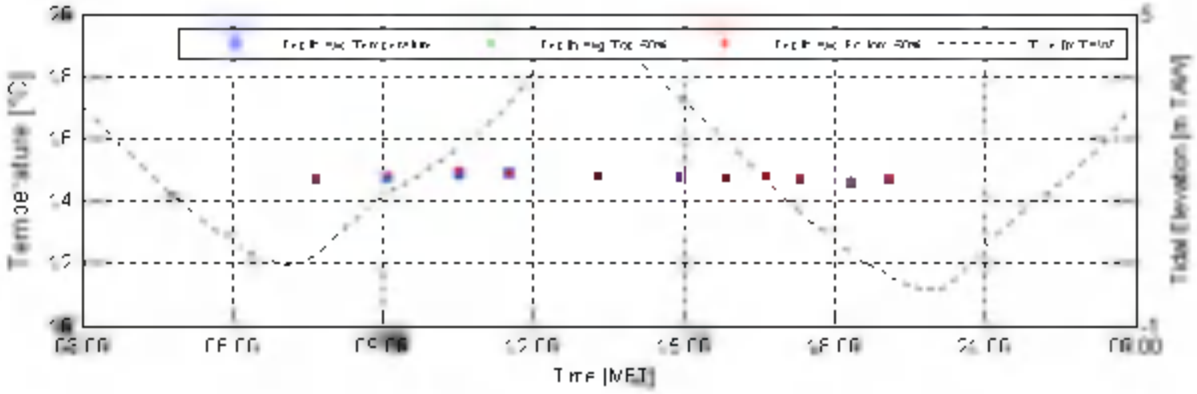
[illegible]

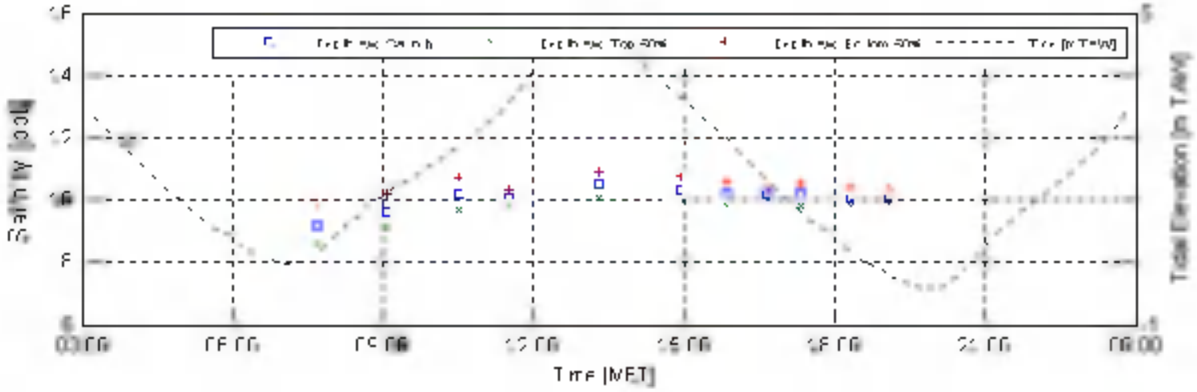
[illegible]

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentercerkerk - Yk |




Date:

23-Oct-2007

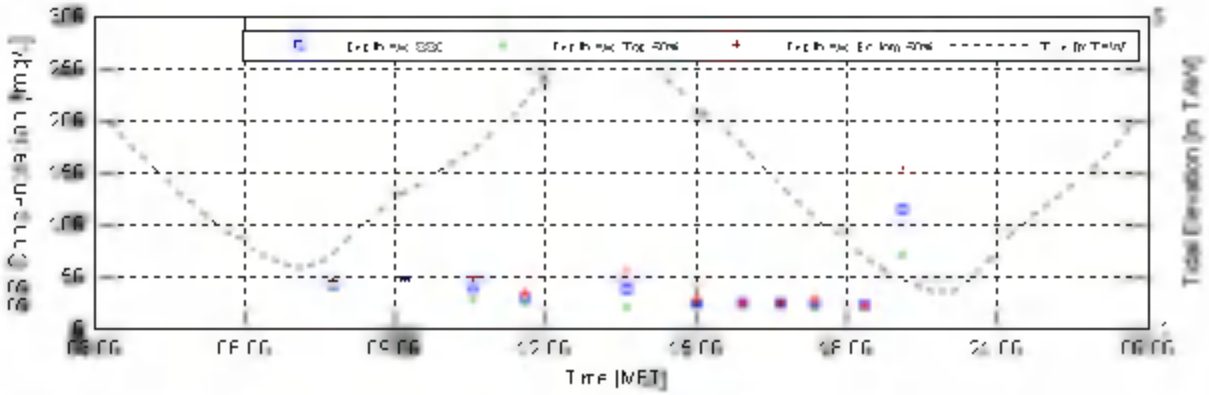
Data Processed by: IWDC

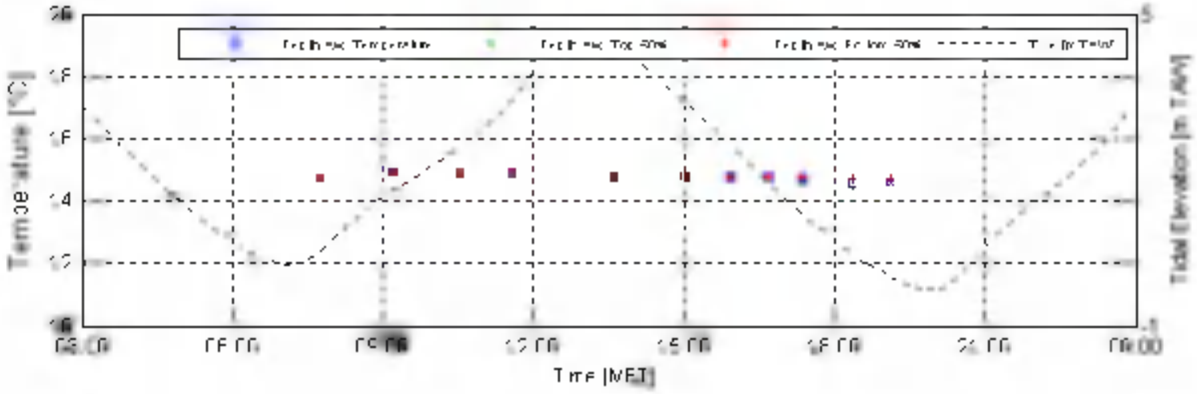
Processed on with:

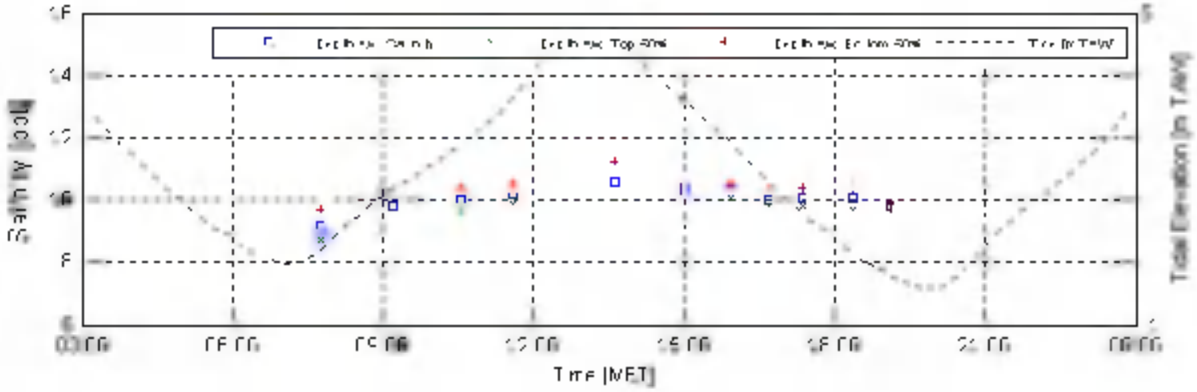
/RAM/[illegible]/07 CEFMSA

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentcerckerk - Yc |




Date:

23-Oct-2007

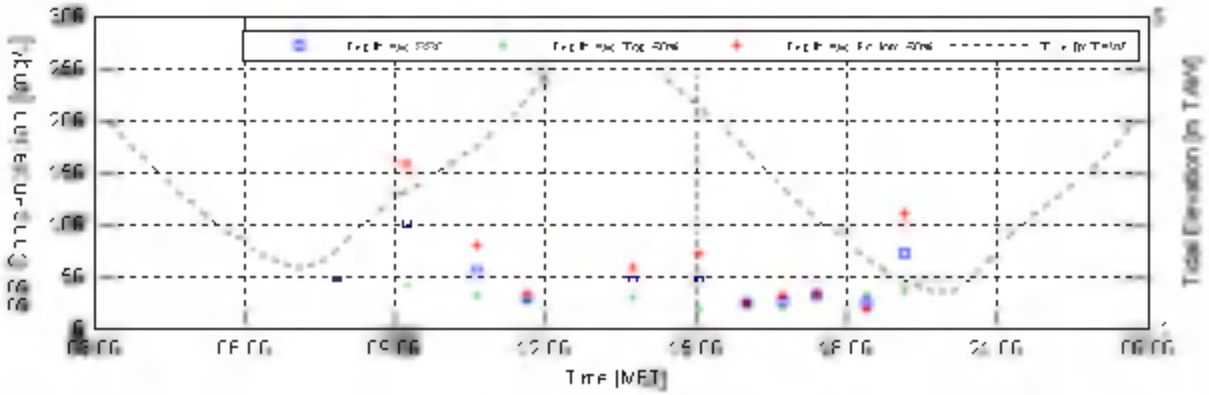
Data Processed by: IMDC

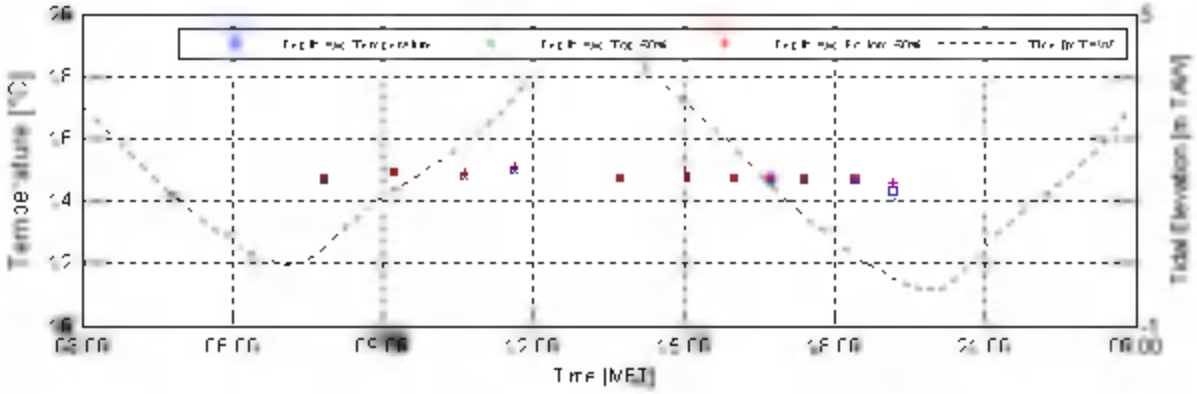
Processed on with: [illegible]

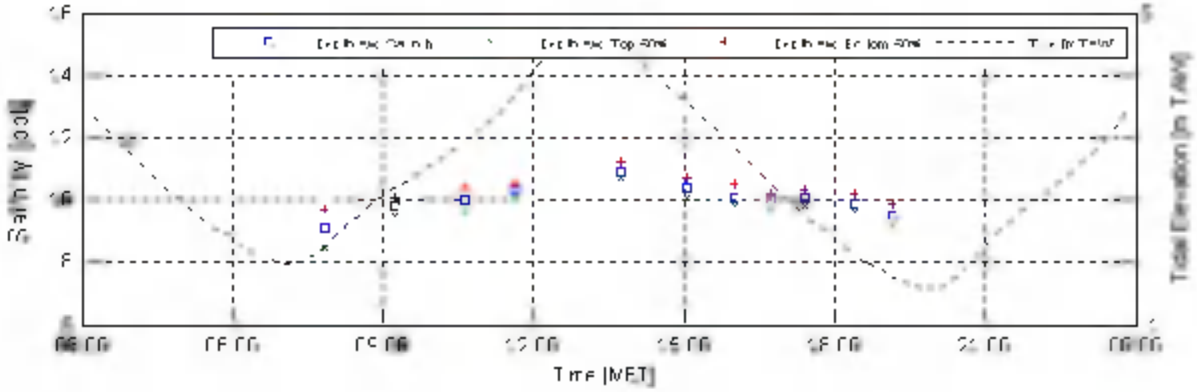
/RAM/[illegible]/07 CFEM SA

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentcerckerk - Ya |




Date:

23-Oct-2007

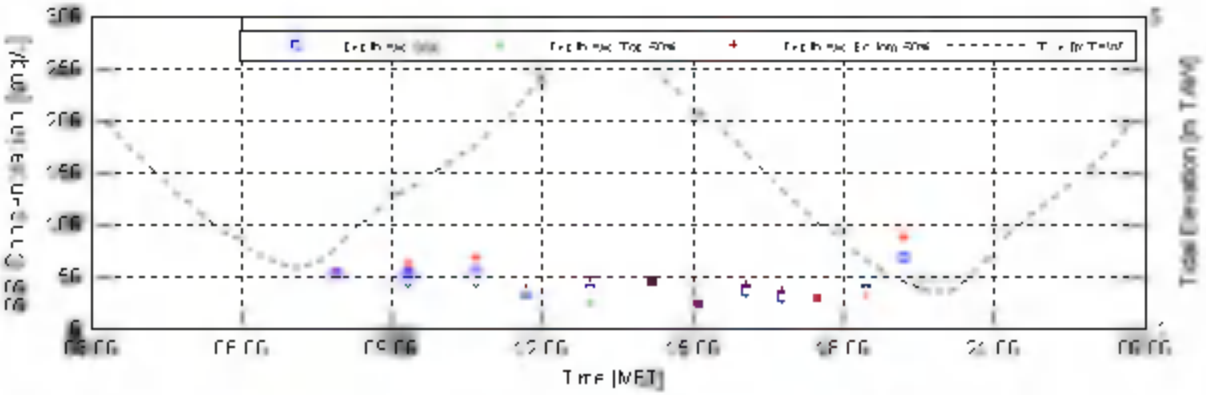
Data Processed by: IMDC

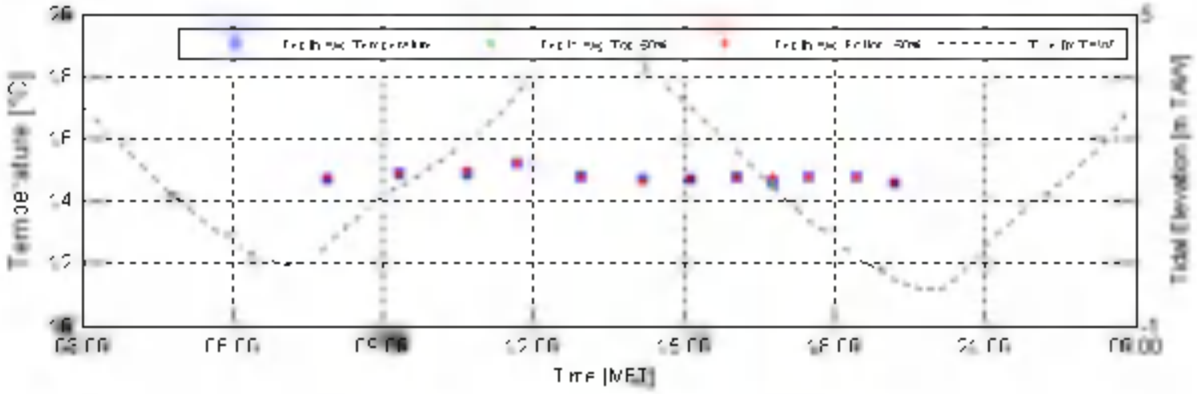
Processed on with: [illegible]

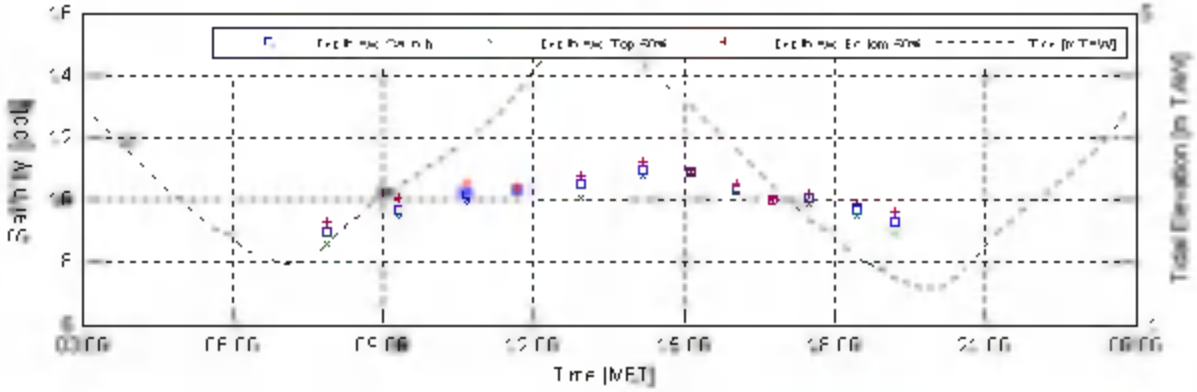
/RAM/[illegible]/07 CFEM SA

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentcerckerk - Ye |




Date:

23-Oct-2007

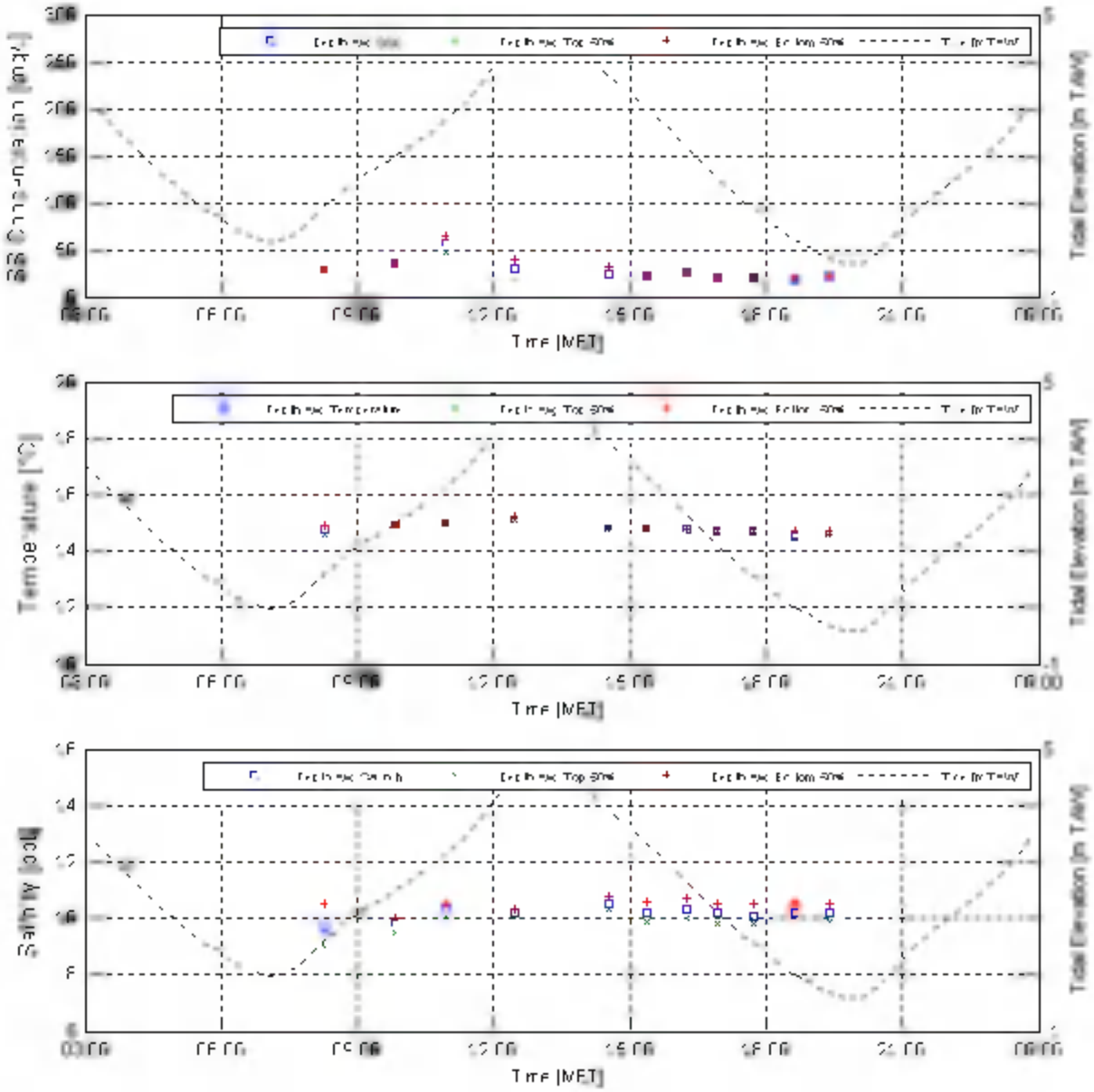
Data Processed by: IMDC

Processed on with: [illegible]

/RAM/[illegible]/07 CFF/MSA

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentcerckerk - 7a |




Date:

23-Oct-2007

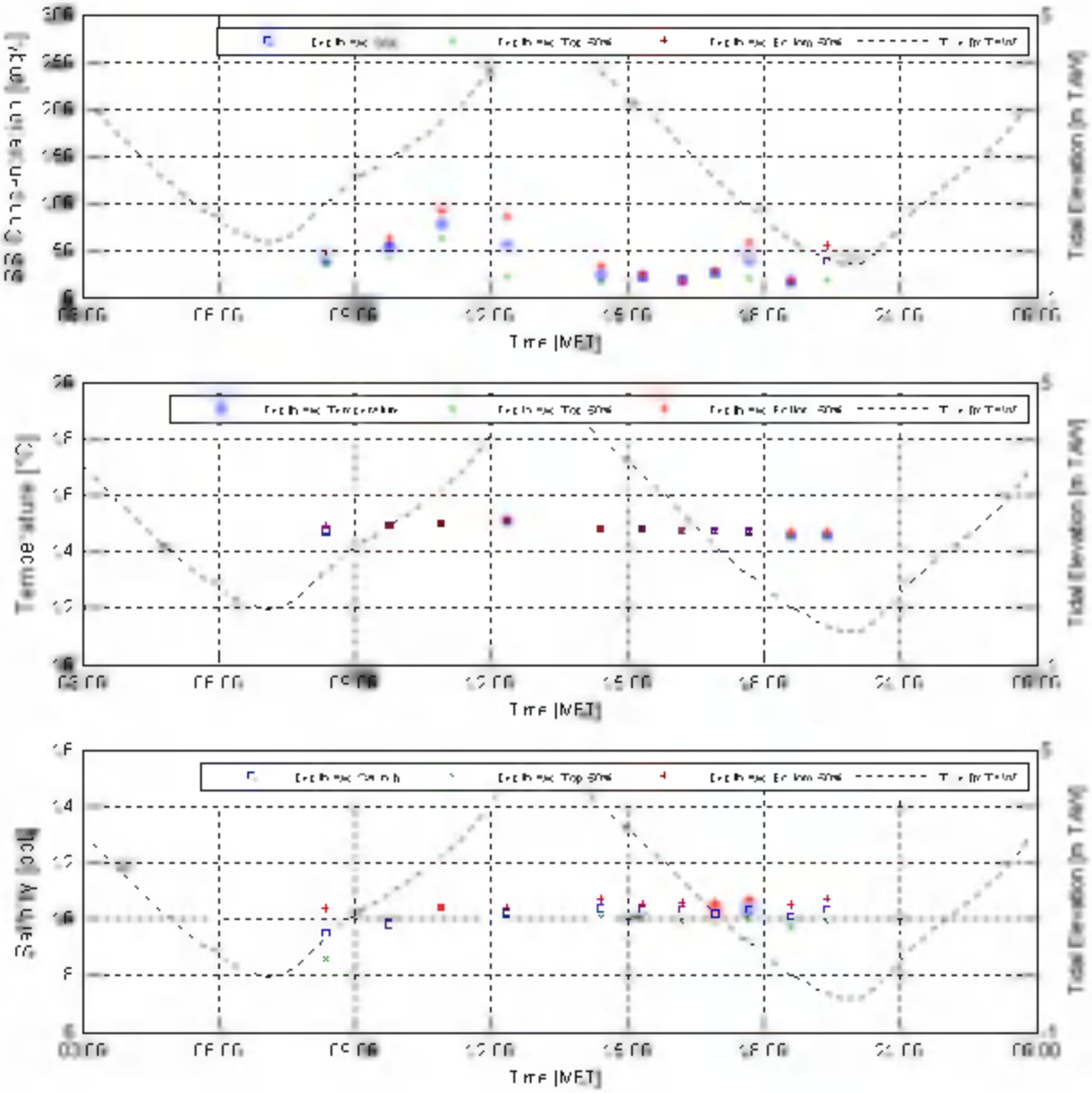
Data Processed by: IMDC

Processed on with: [illegible]

[illegible]/07 CEFMSA

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentercerkerk - Zk |




Date:

23-Oct-2007

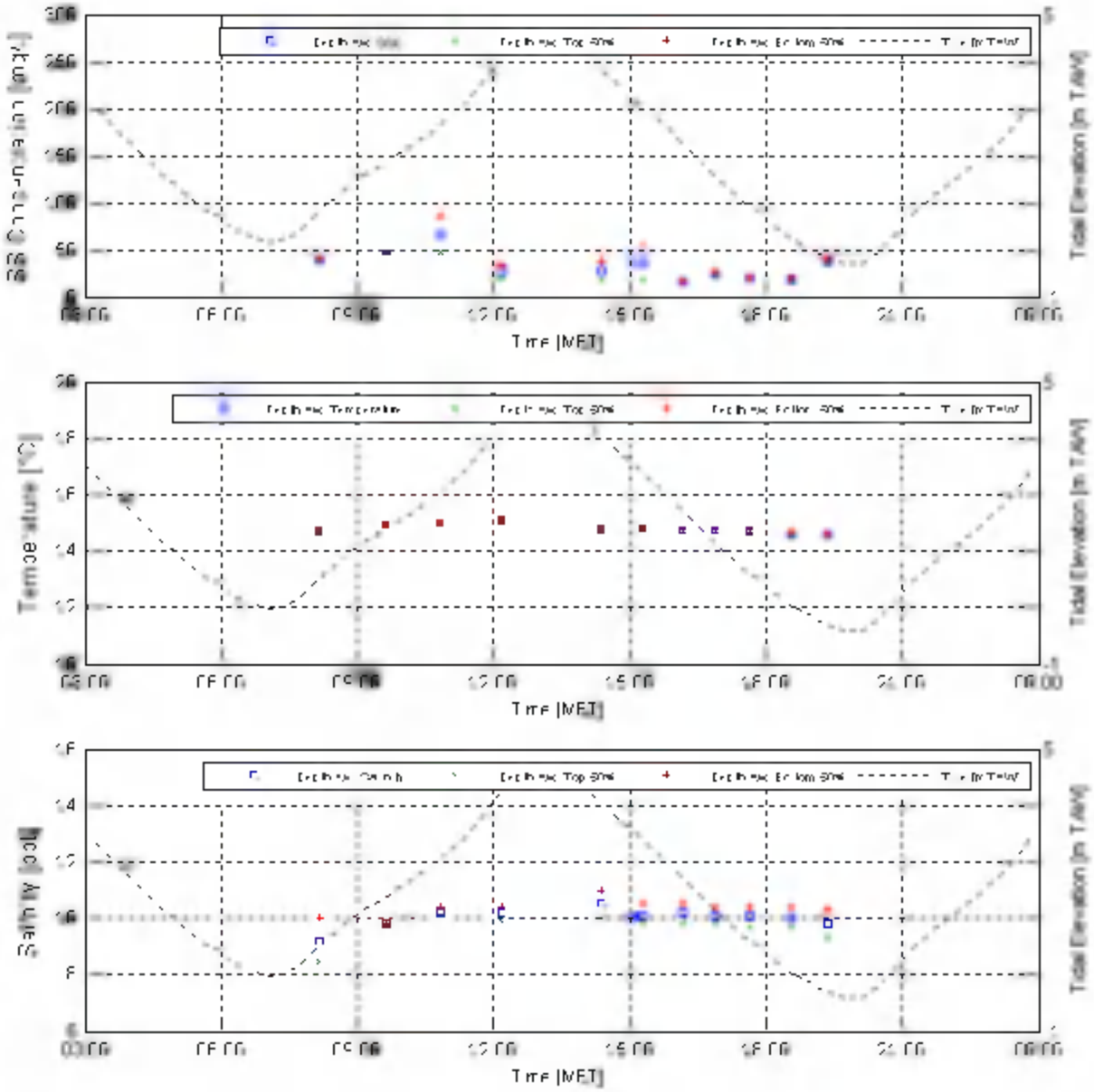
Data Processed by: IWDC

Processed with: [illegible]

/RAM1[illegible]/07 CFEM SA

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| 11ZE3 | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentercerkerk - Ze |




| | |
|---|---|
| Date: 23-Oct-2007 | Data Processed by: IWDC<br>Processed on with:<br>RA/11286/07 CEF/MSA |

# Through tide measurements Siltprofiler 23 October 2007

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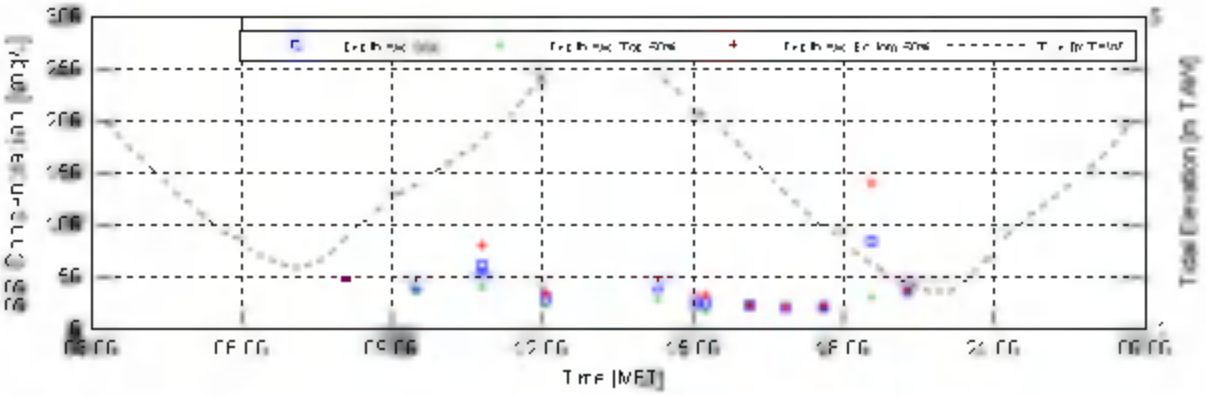
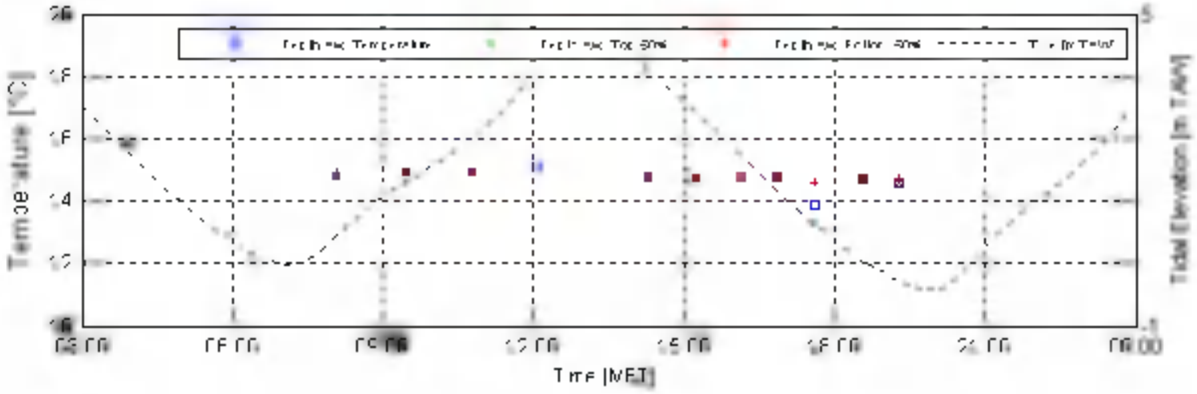
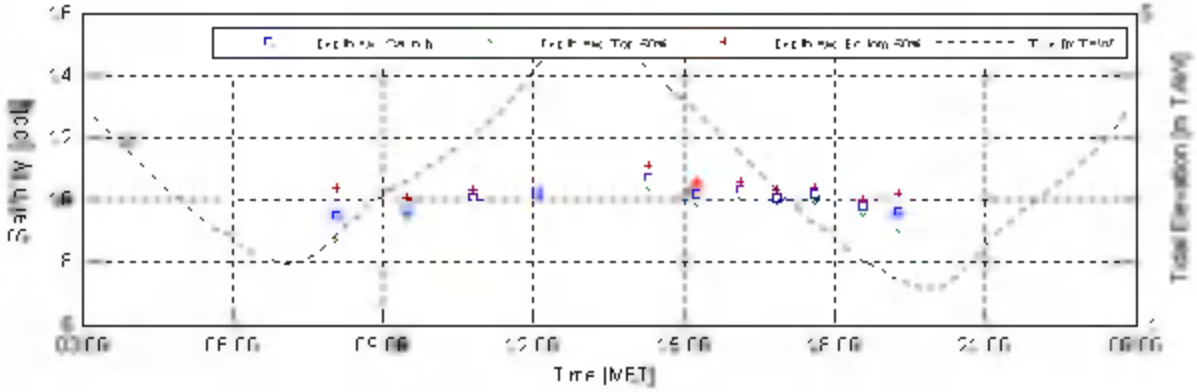
| [illegible] | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentercerkerk - Zee |




Date:

23-Oct-2007

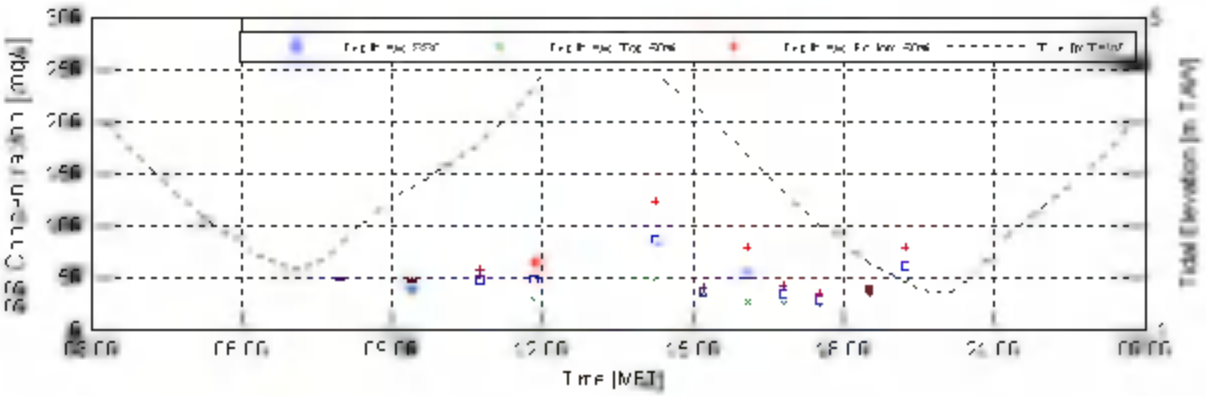
Data Processed by

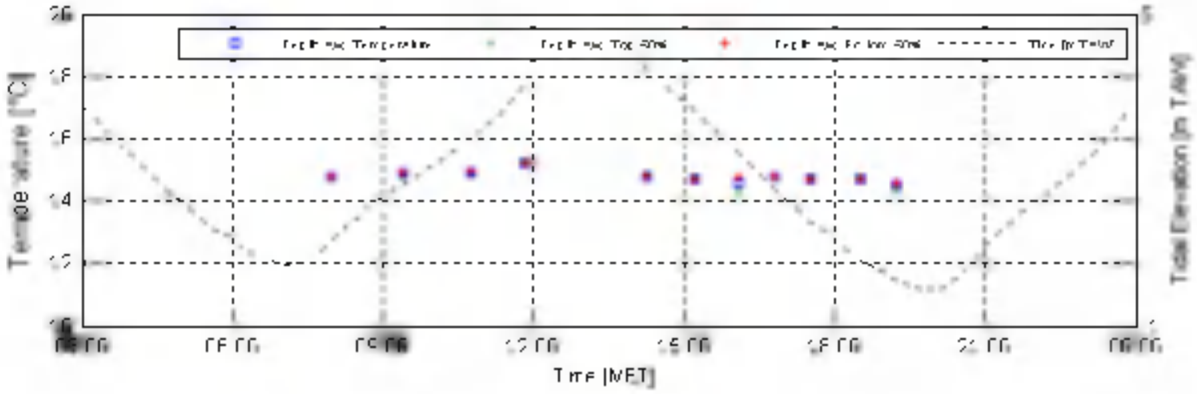
Processed on with

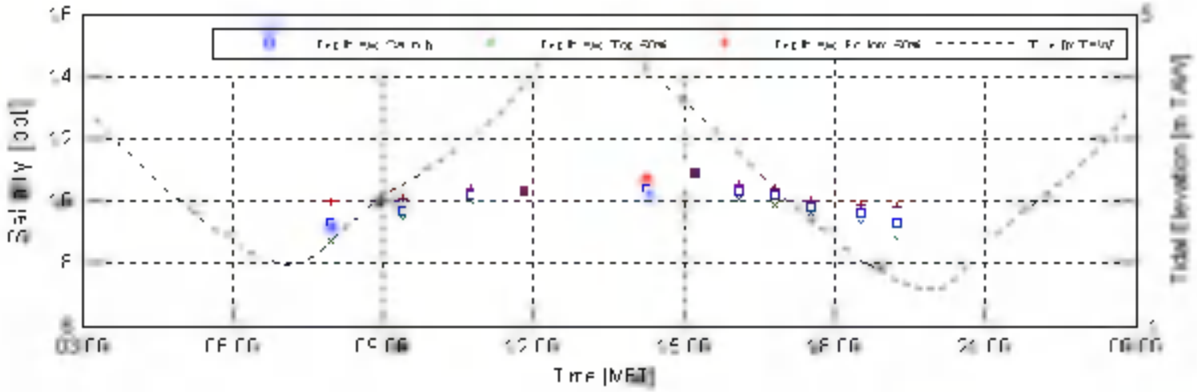
RA/1[illegible]/07 CEFMSA

# Through tide measurements Siltprofiler 23 October 2007

| | |
|---|---|
| 112RC | Equipment(s): Siltprofiler & CTD-Diver |
| | Location: Dentcerckerk - Ze |




Date:

23-Oct-2007

Data Processed by

IMDC

Processed on with

RA/11285/07 CEE/MSA

# APPENDIX H. TIMESERIES

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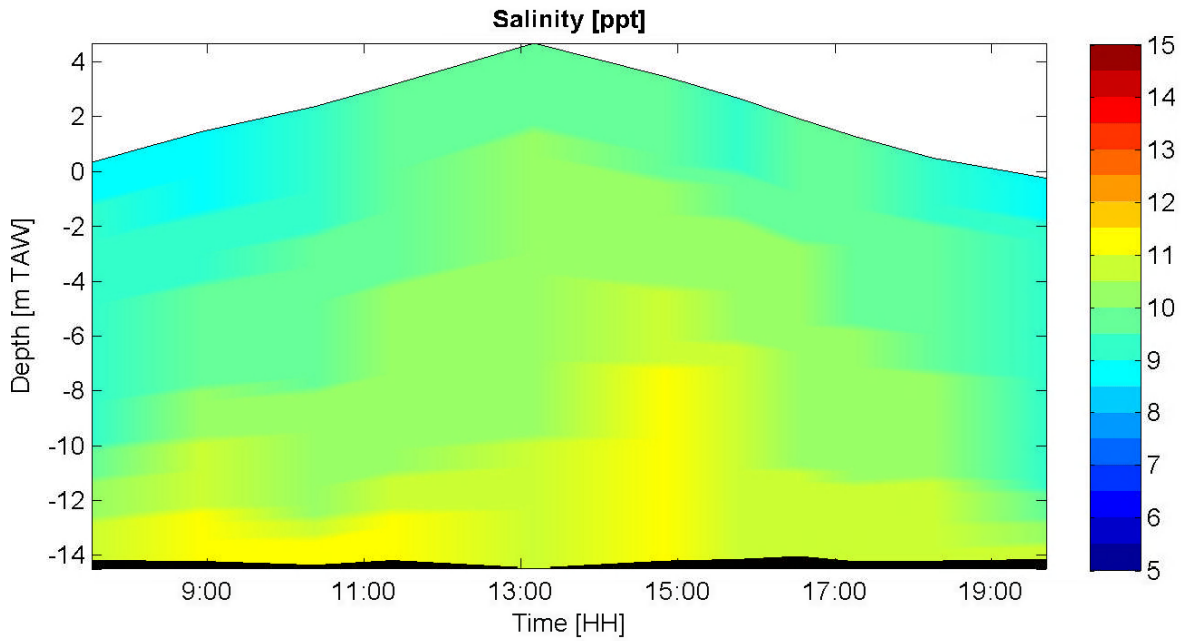
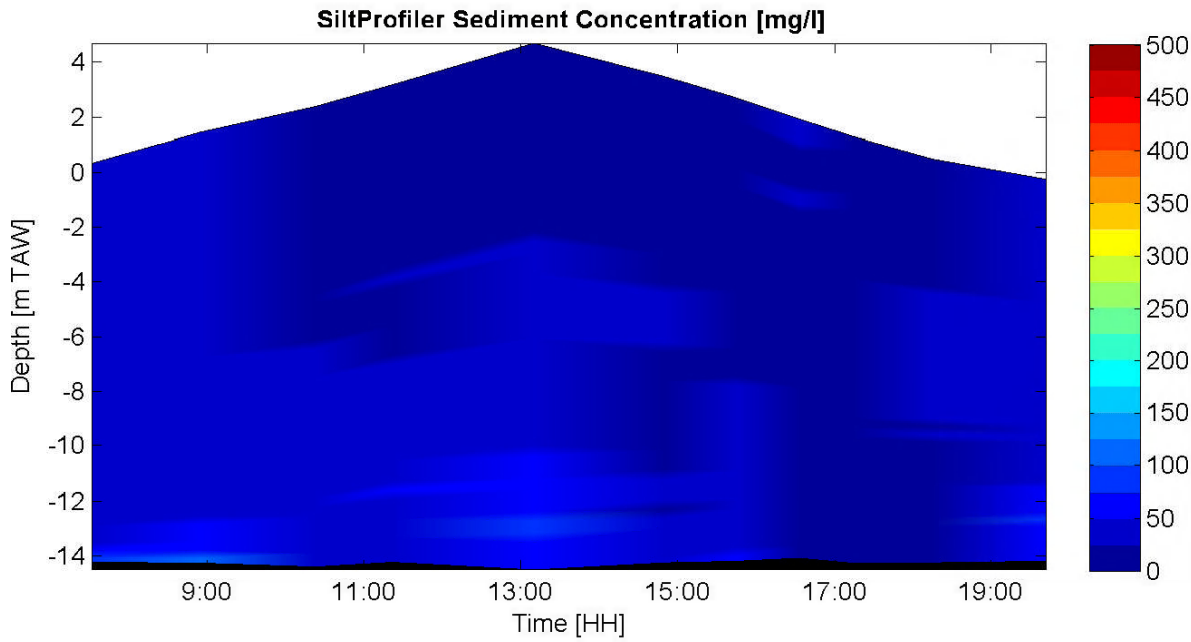
# Through tide measurement Siltprofiler 23 October 2007

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

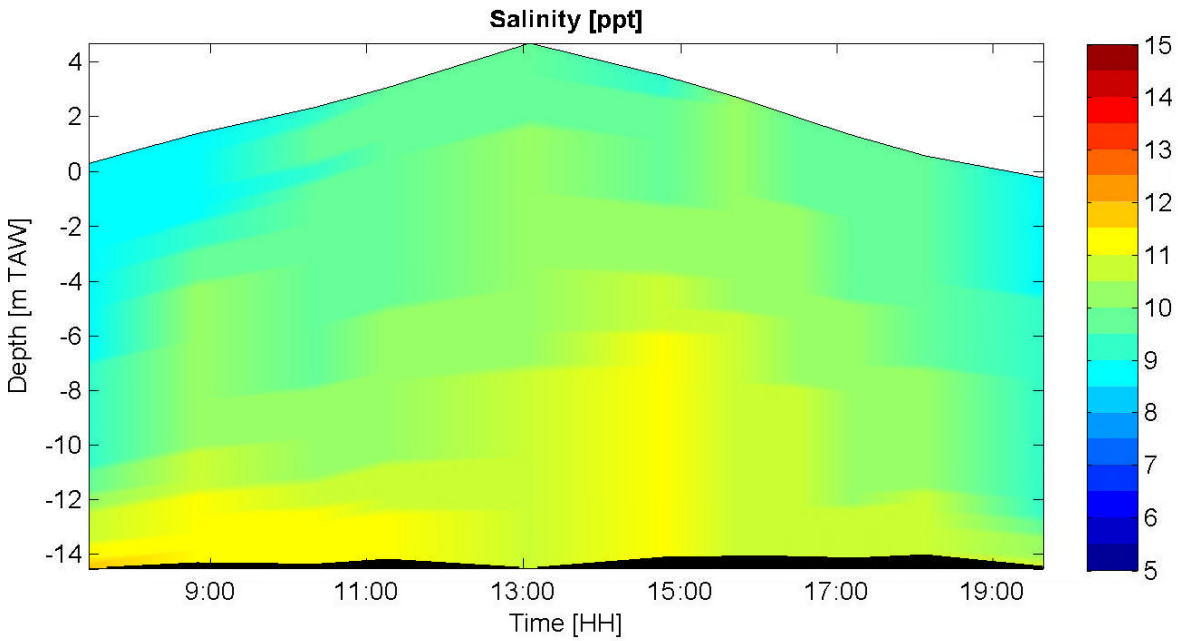


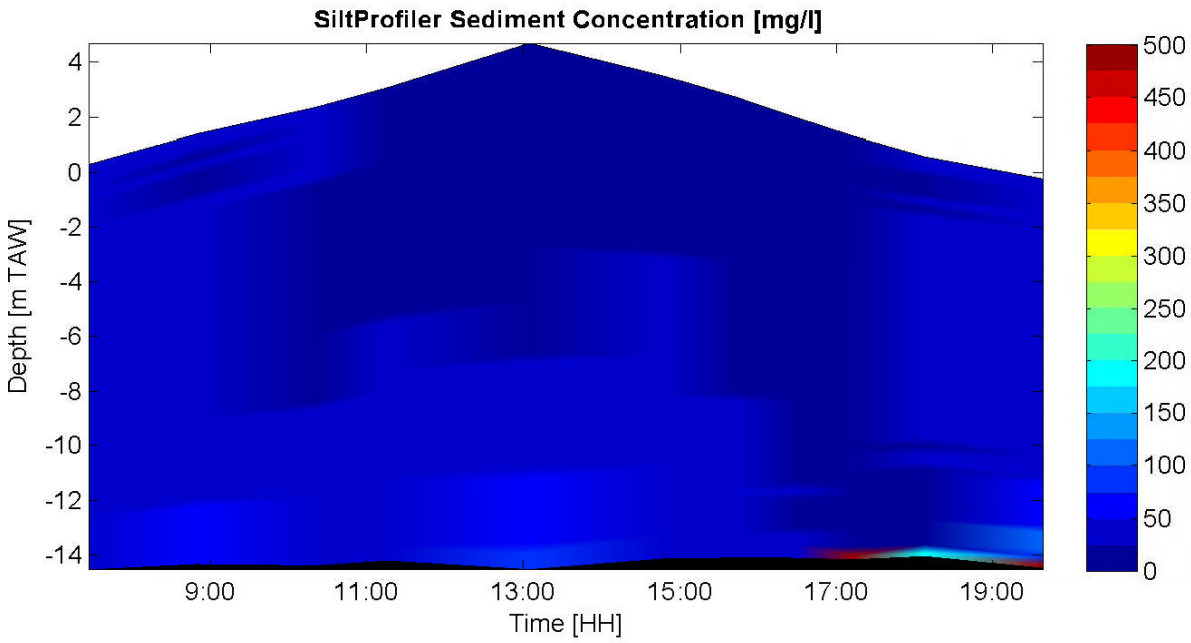




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

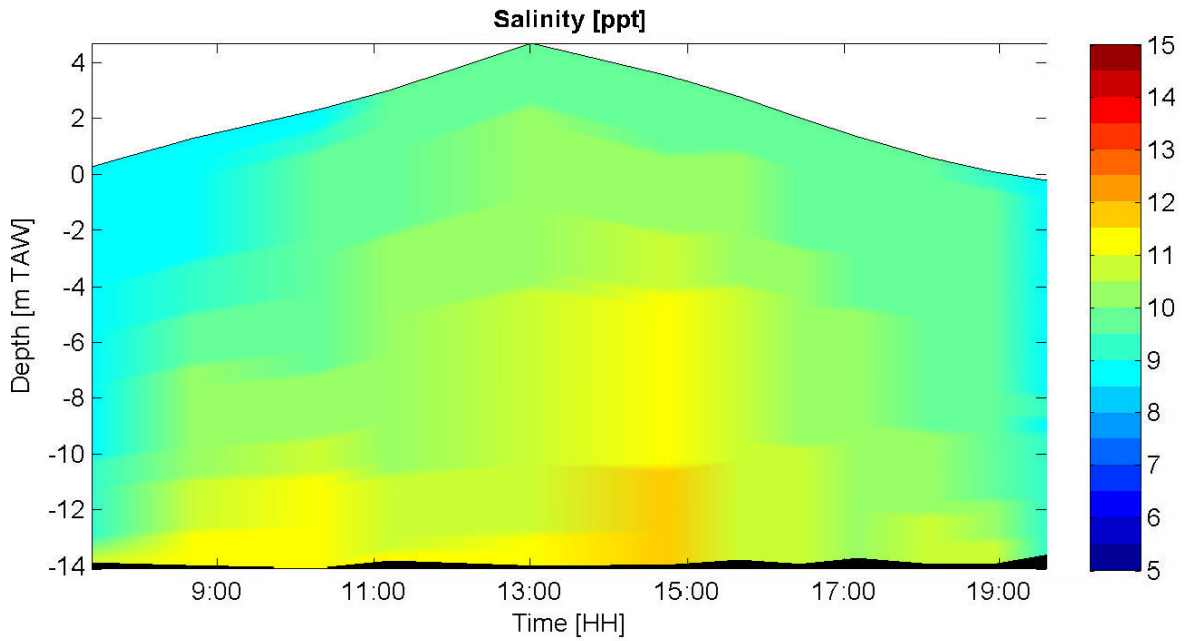


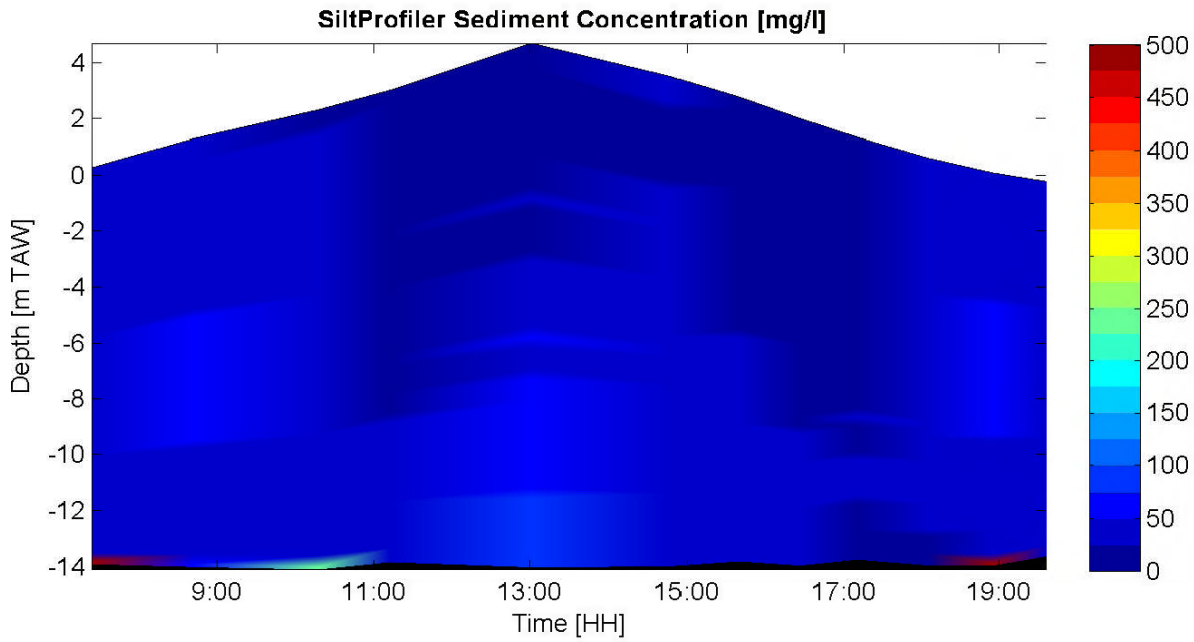




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

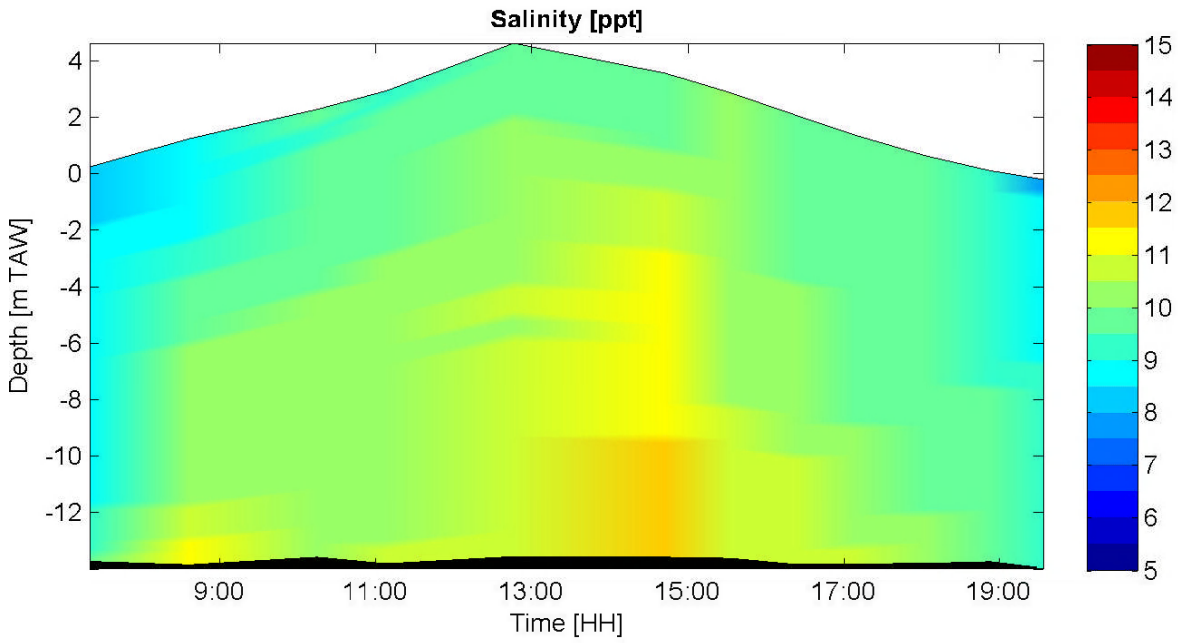


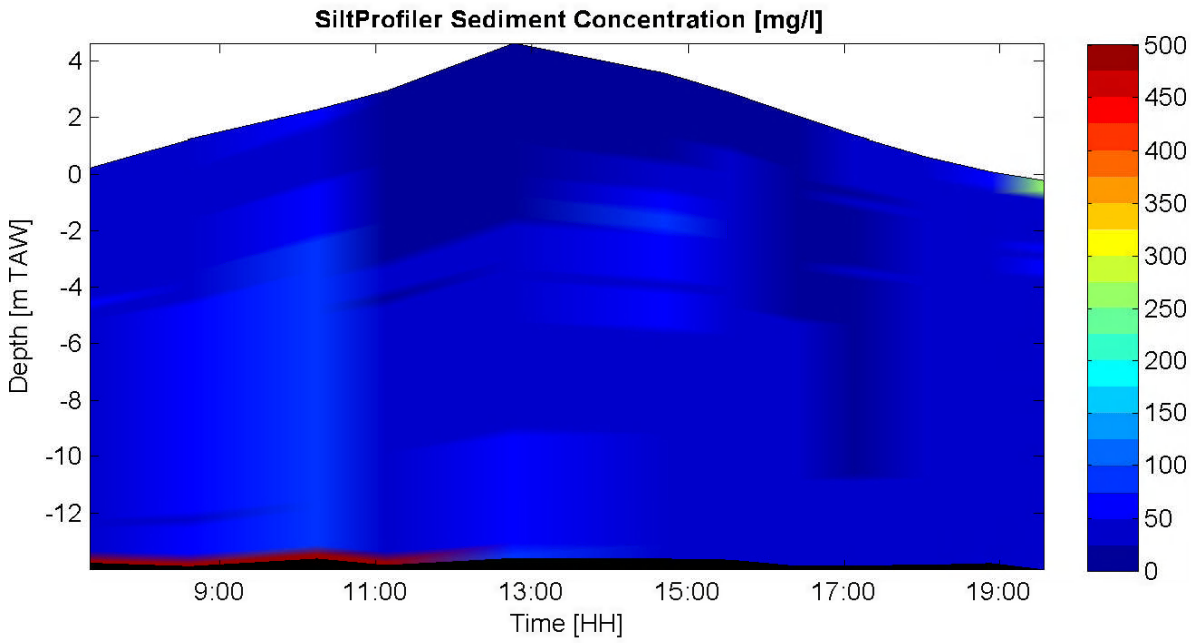




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

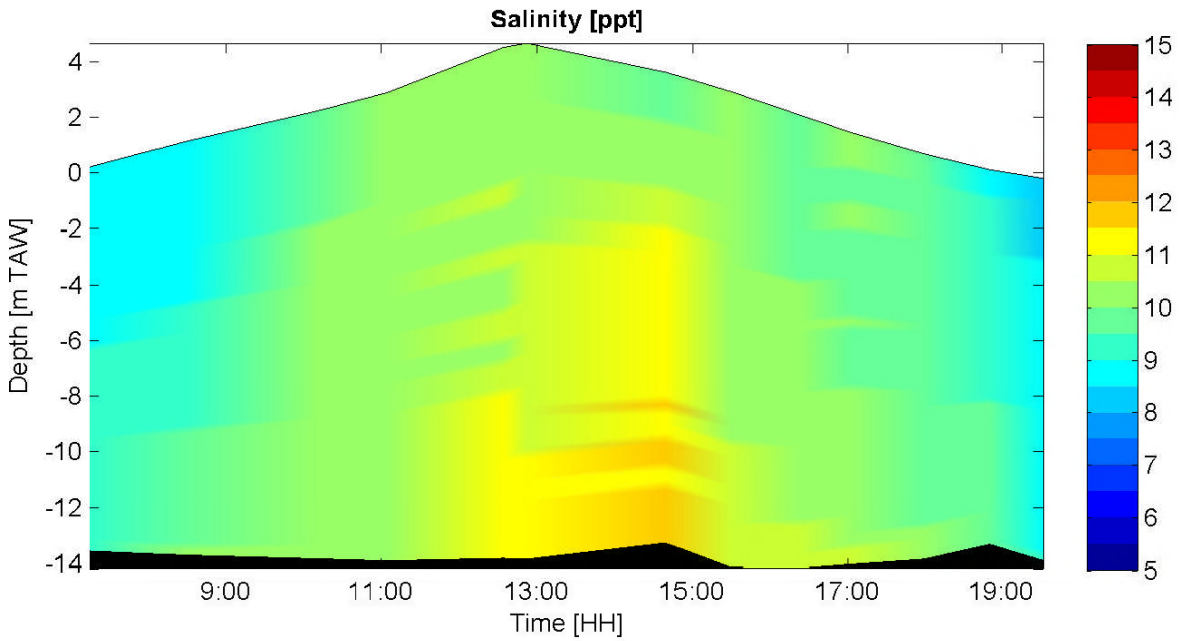


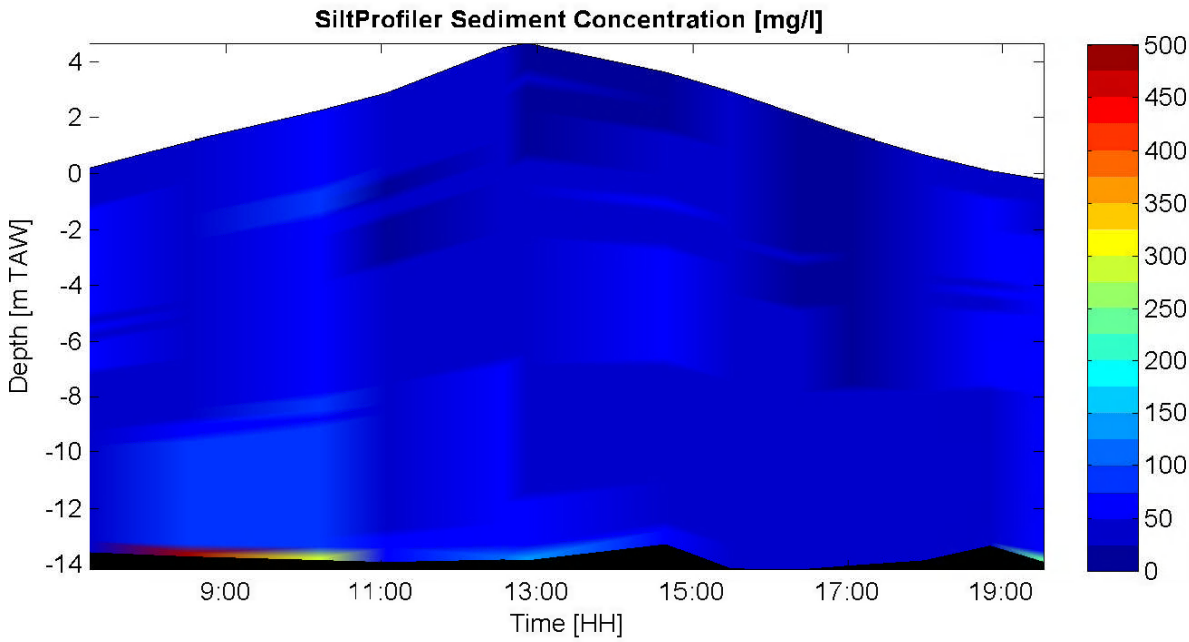




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

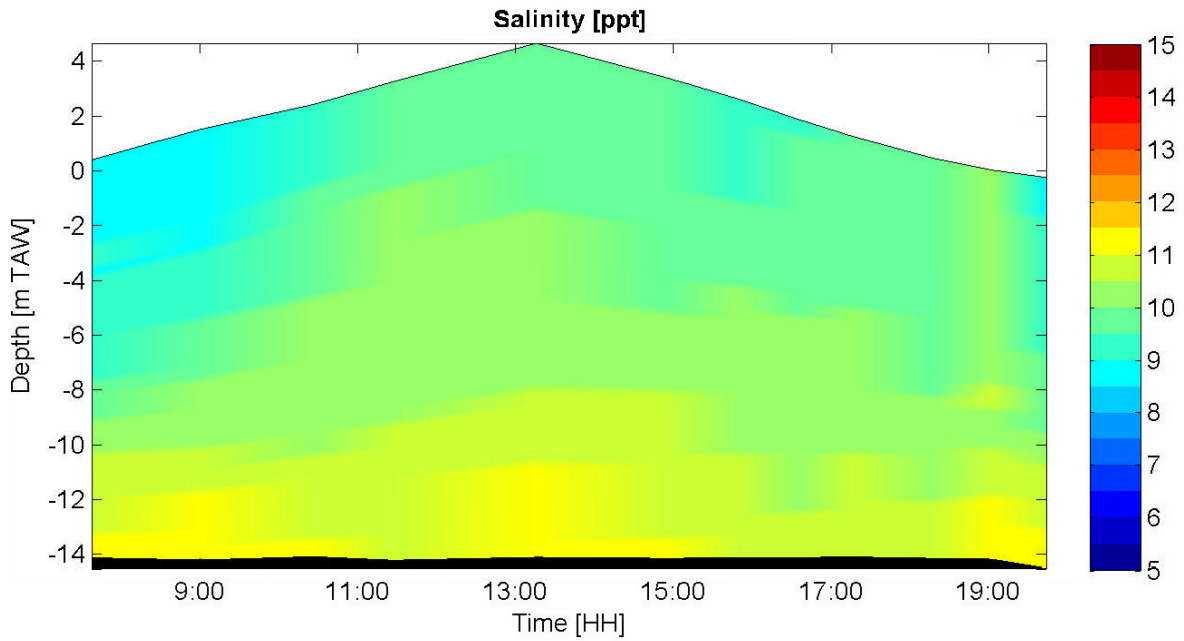


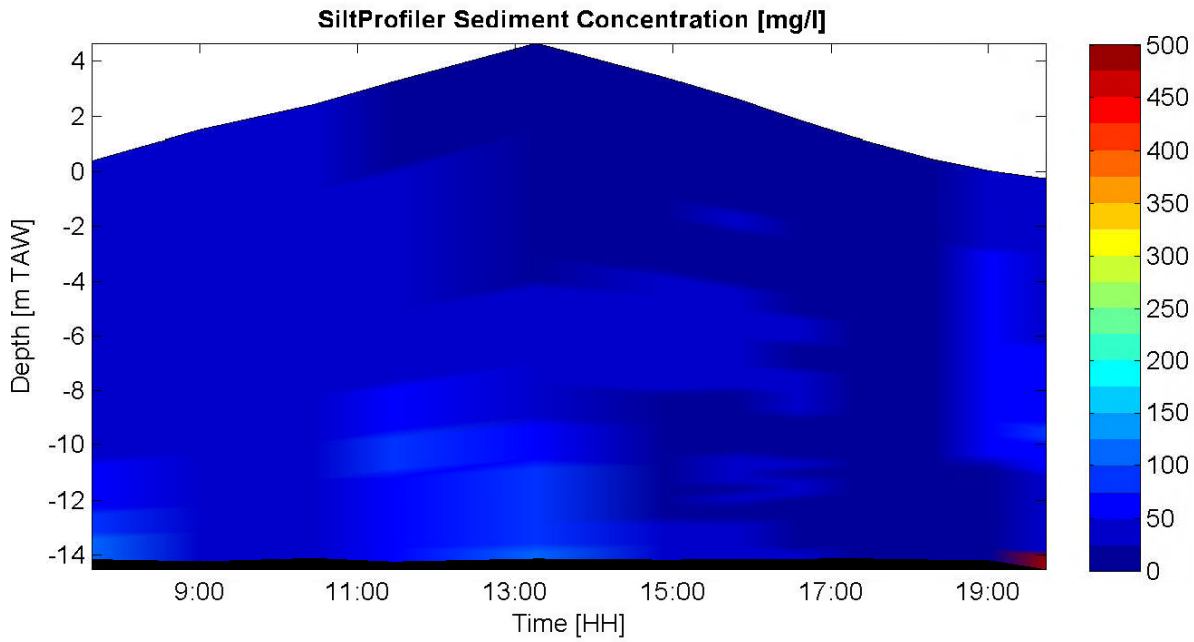




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

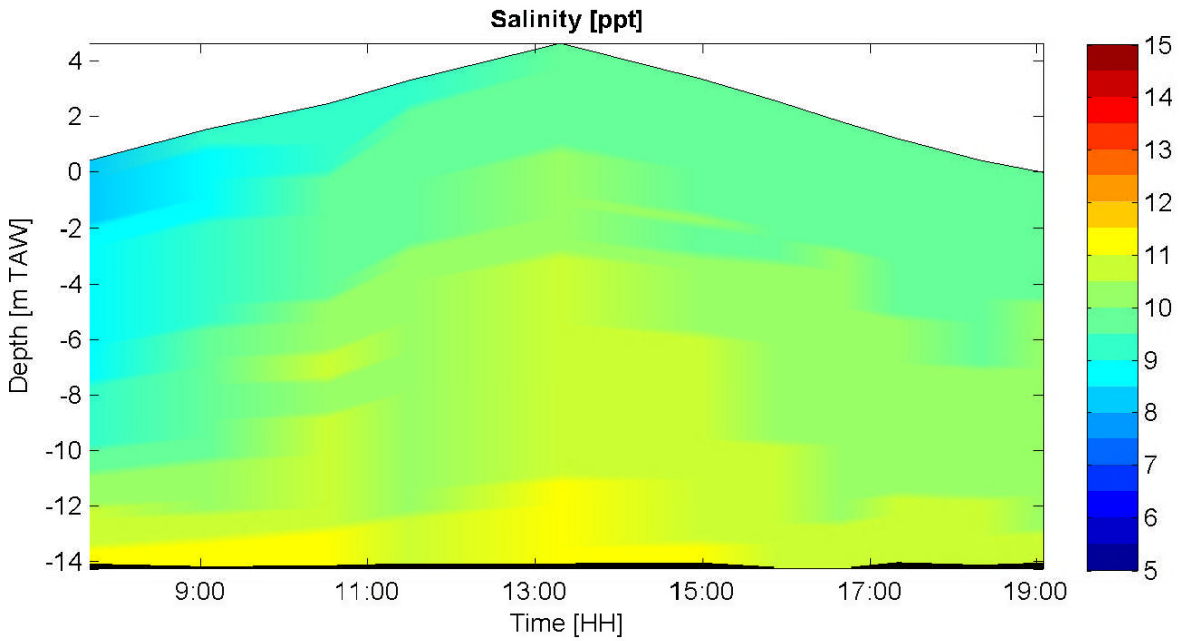


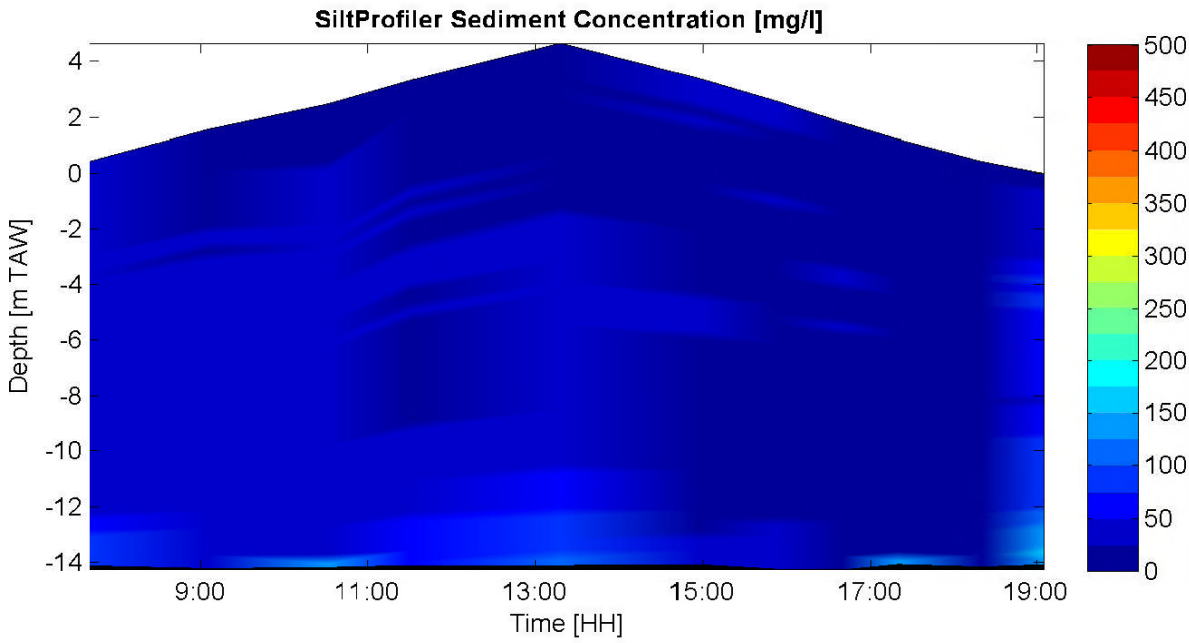




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

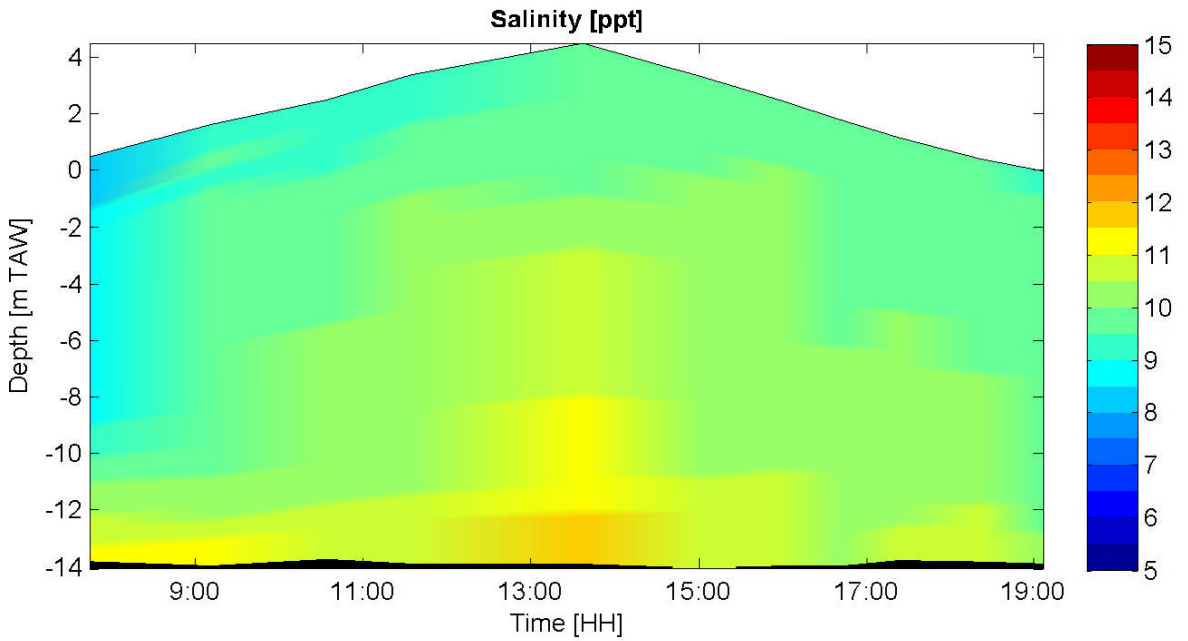


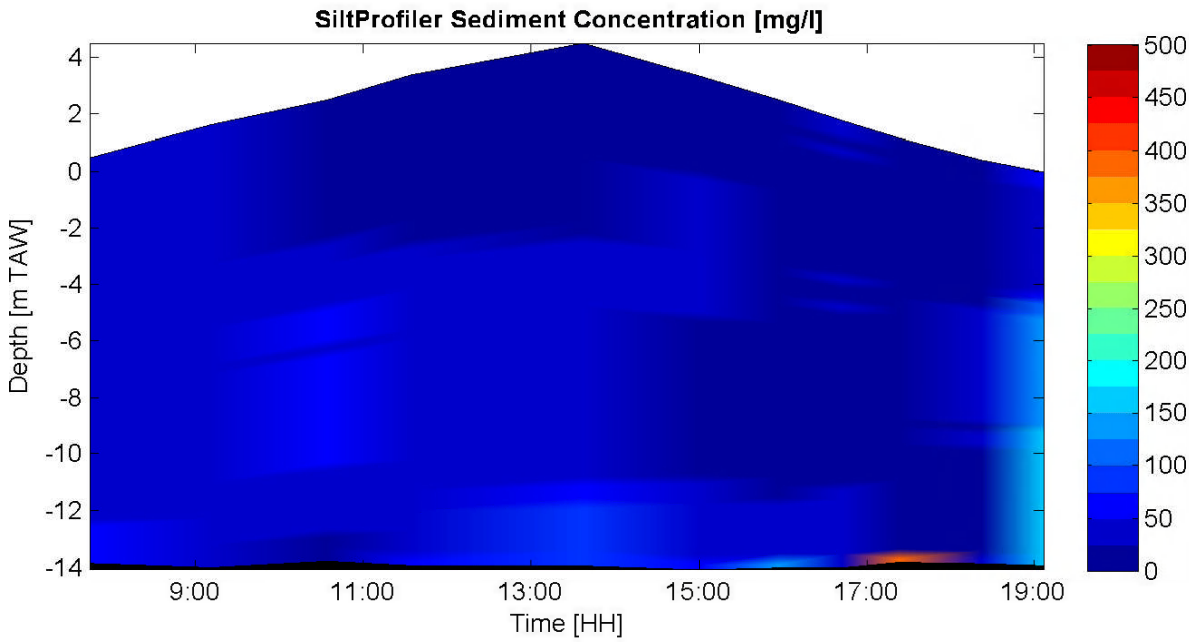




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

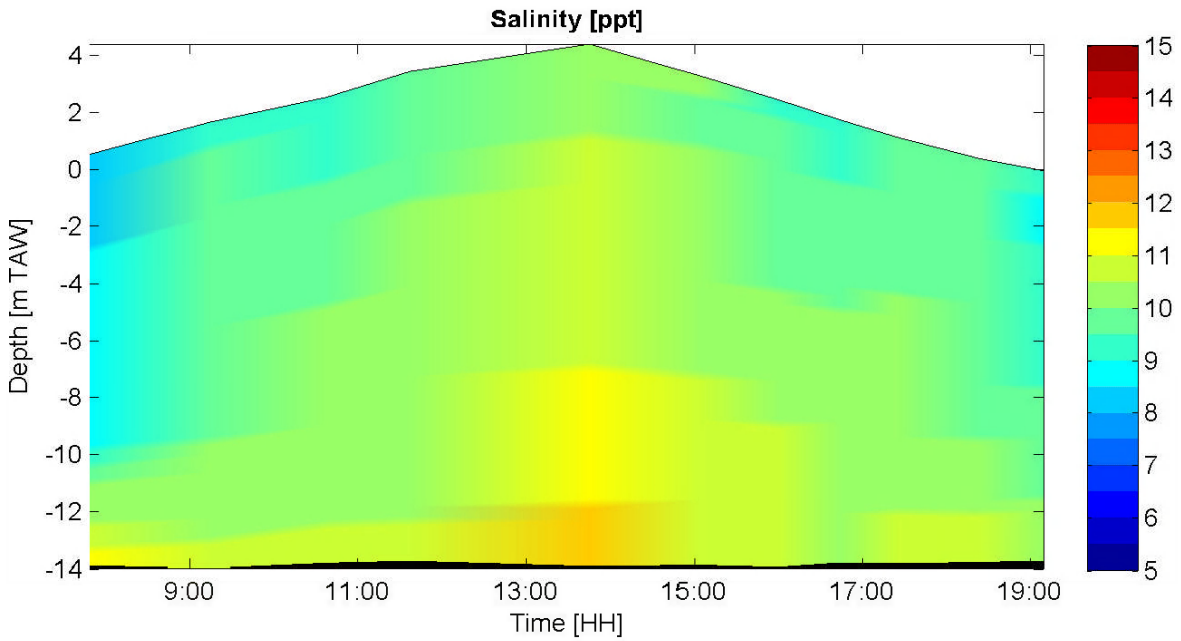


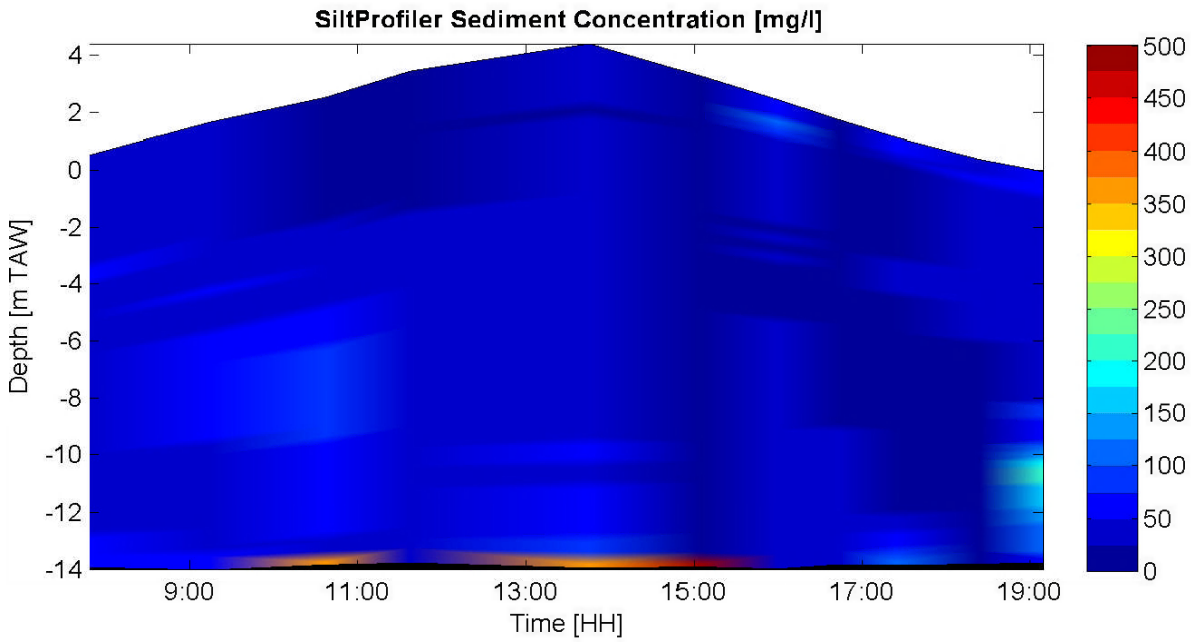




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

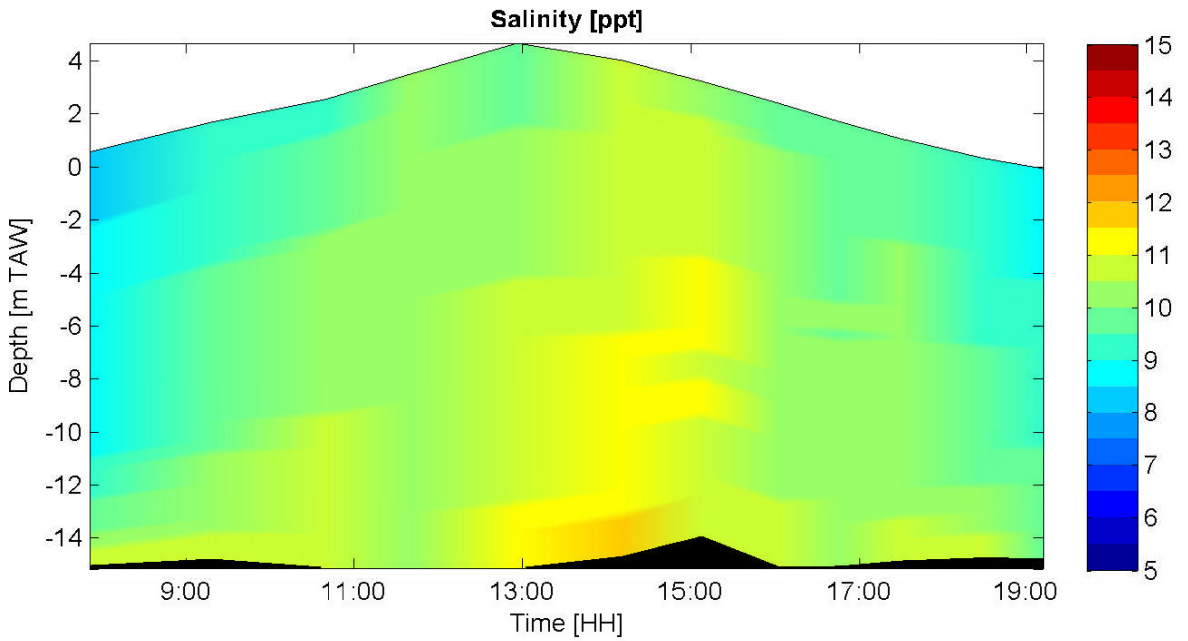


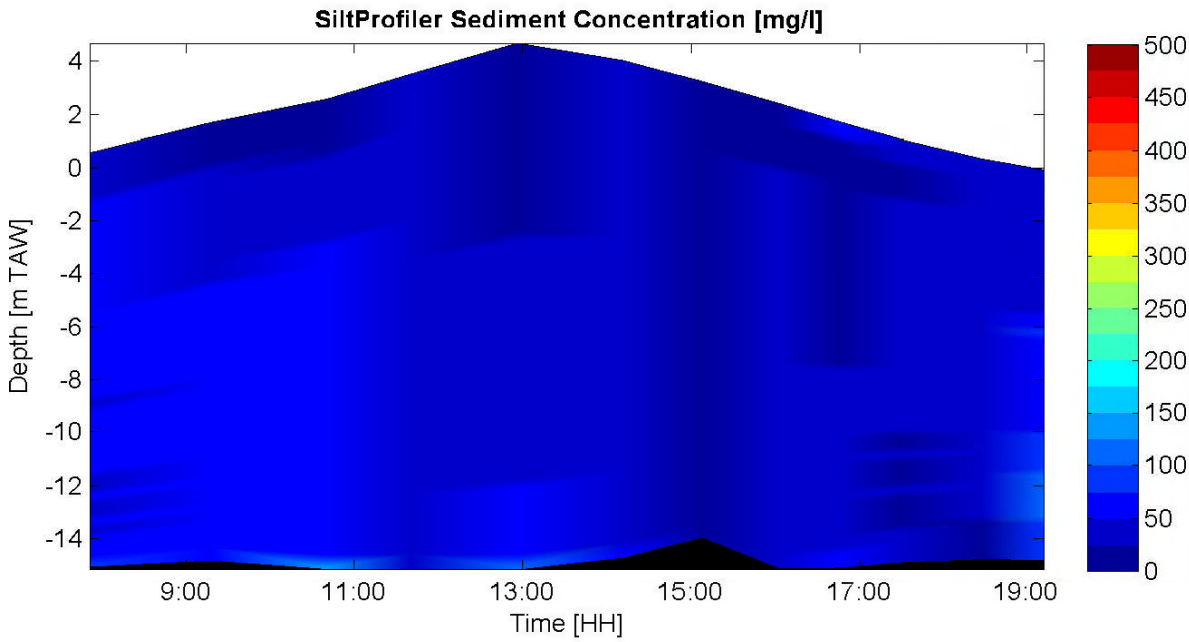




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

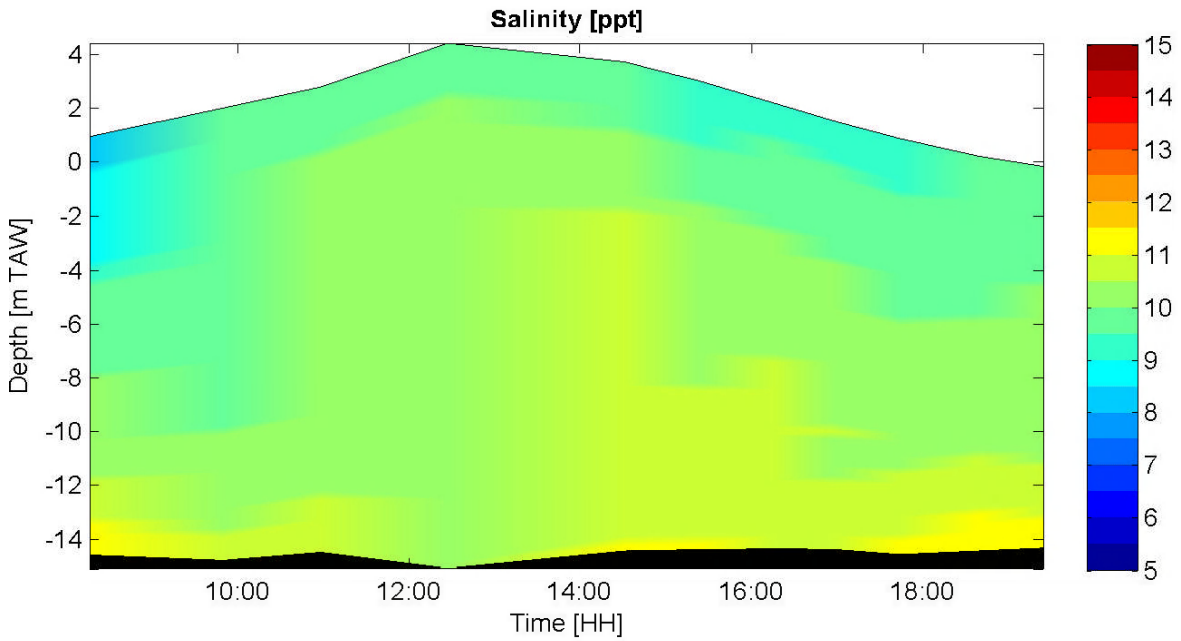


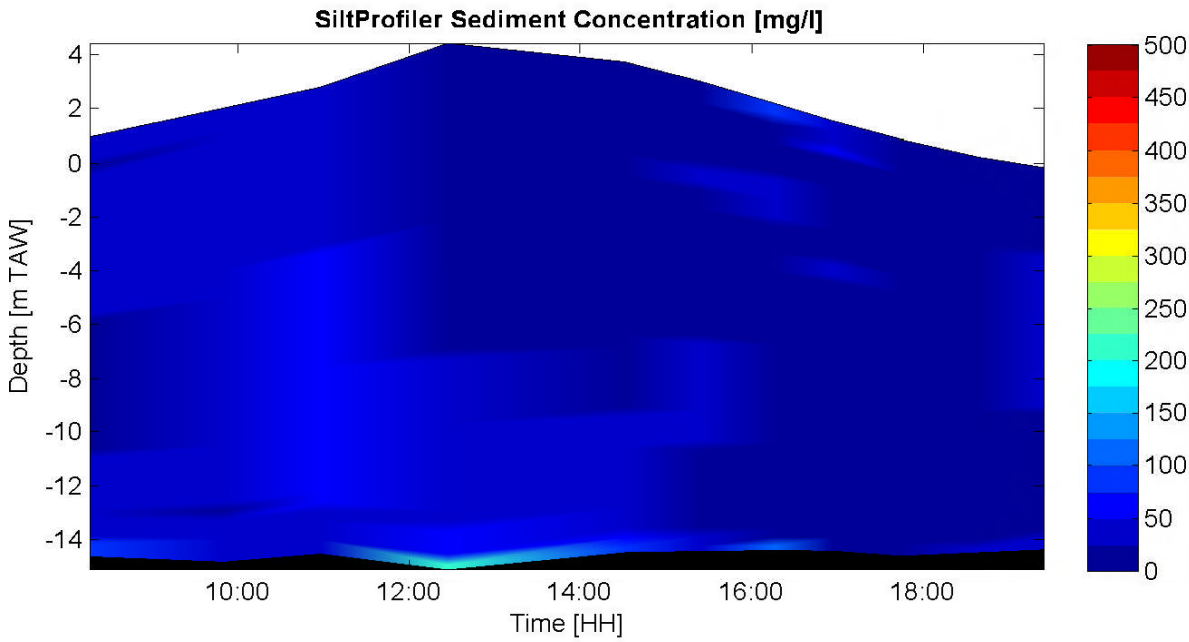




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

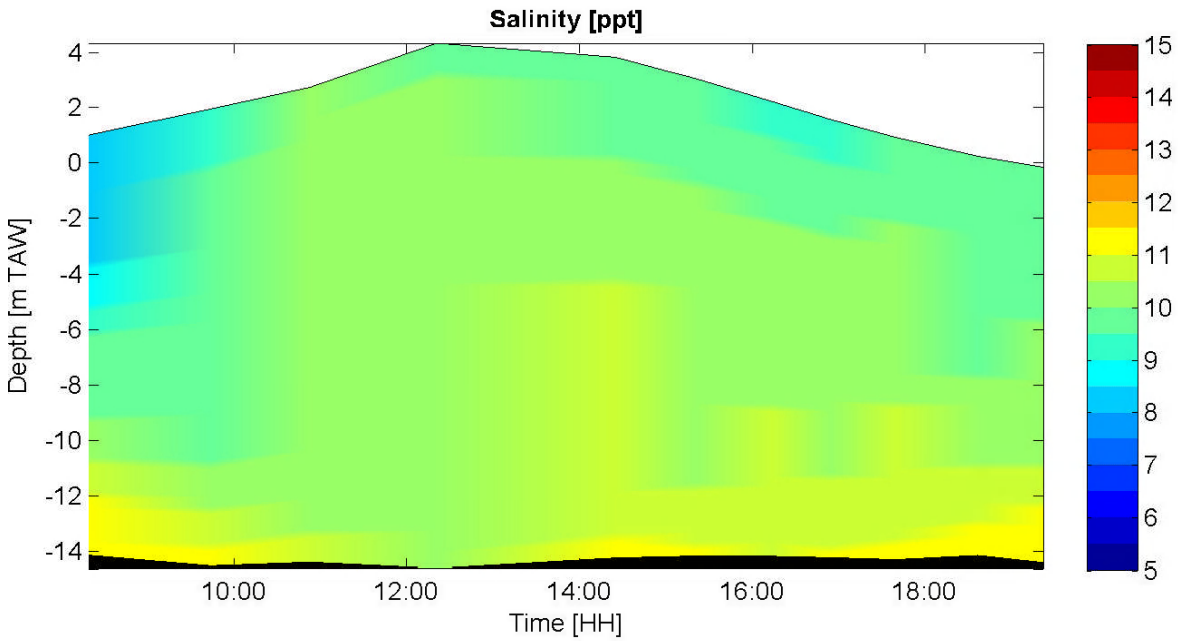


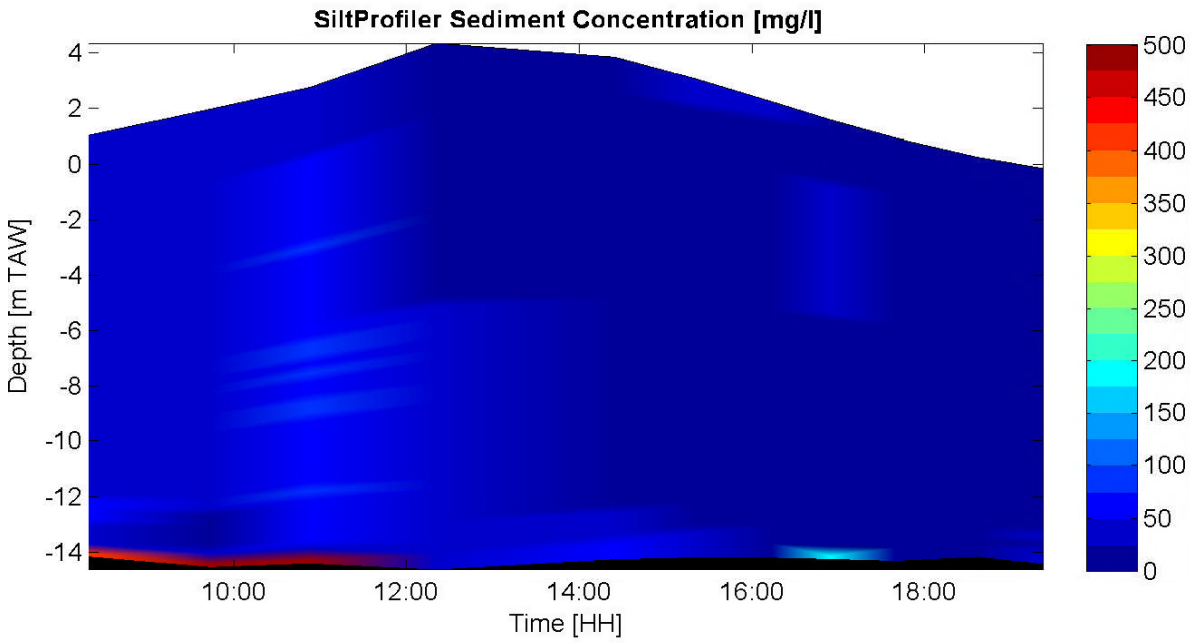




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

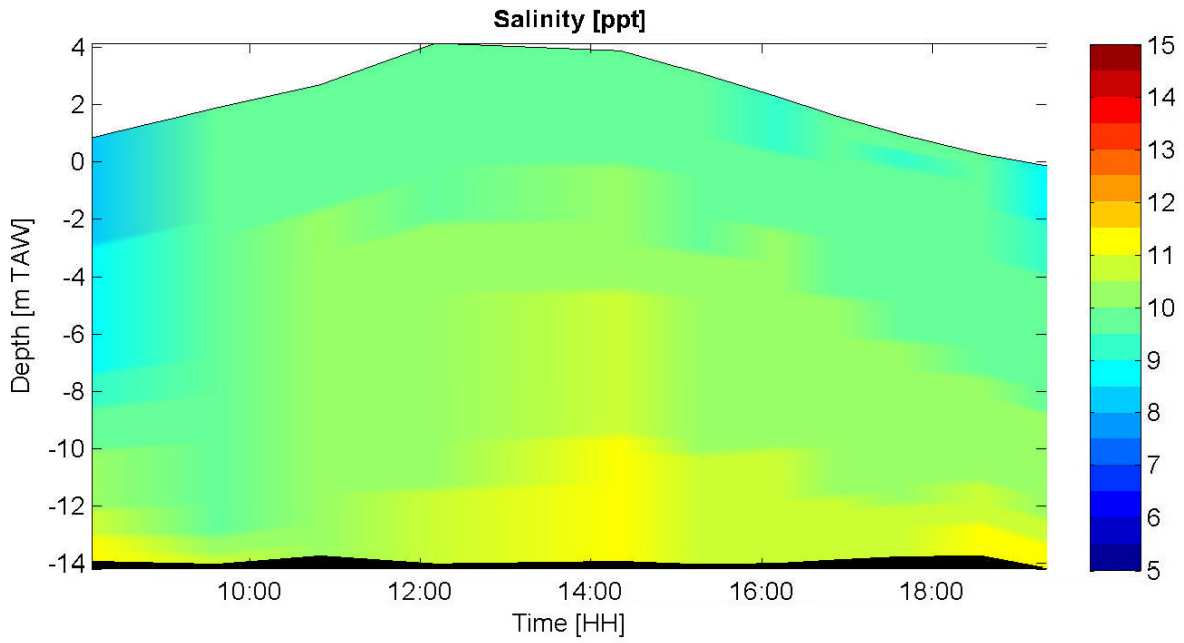


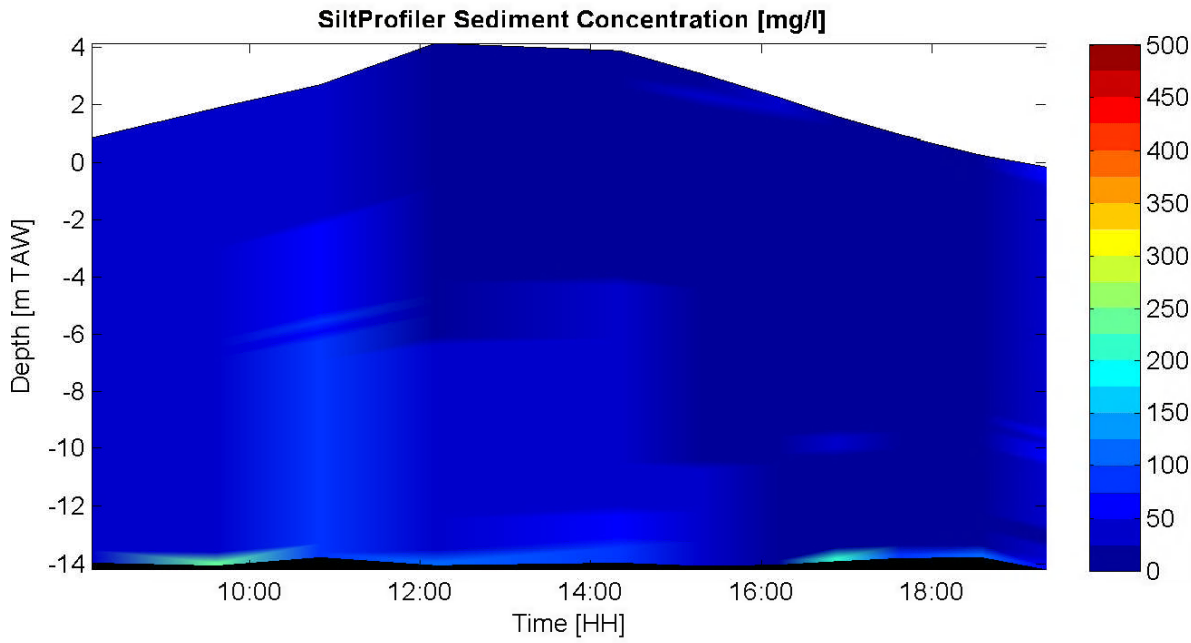




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

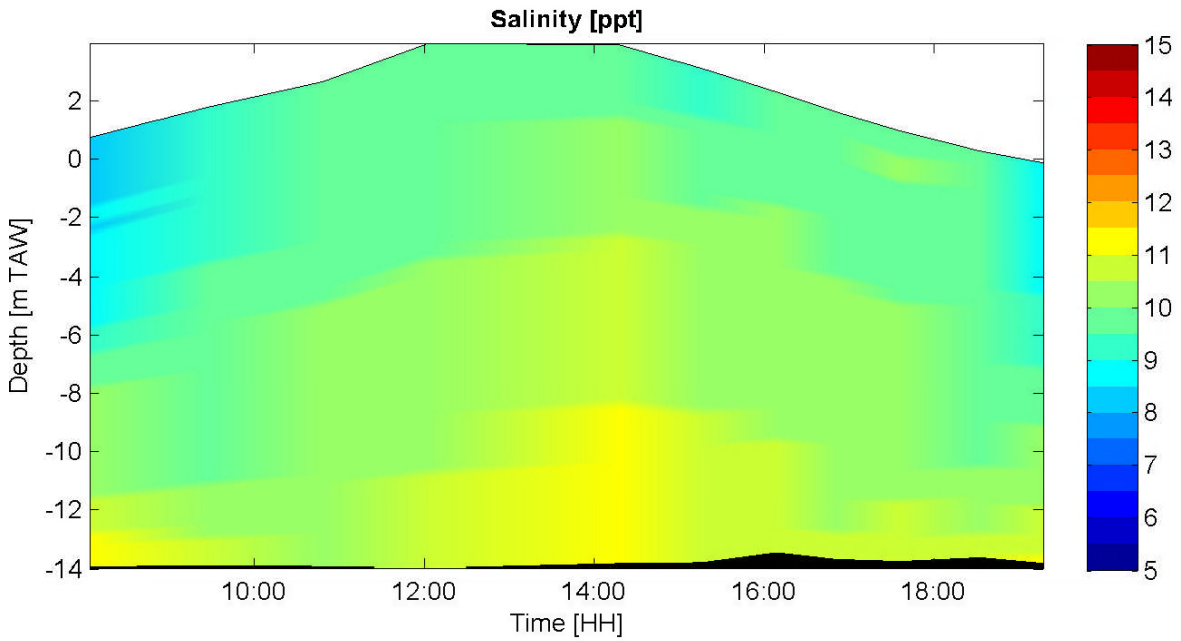


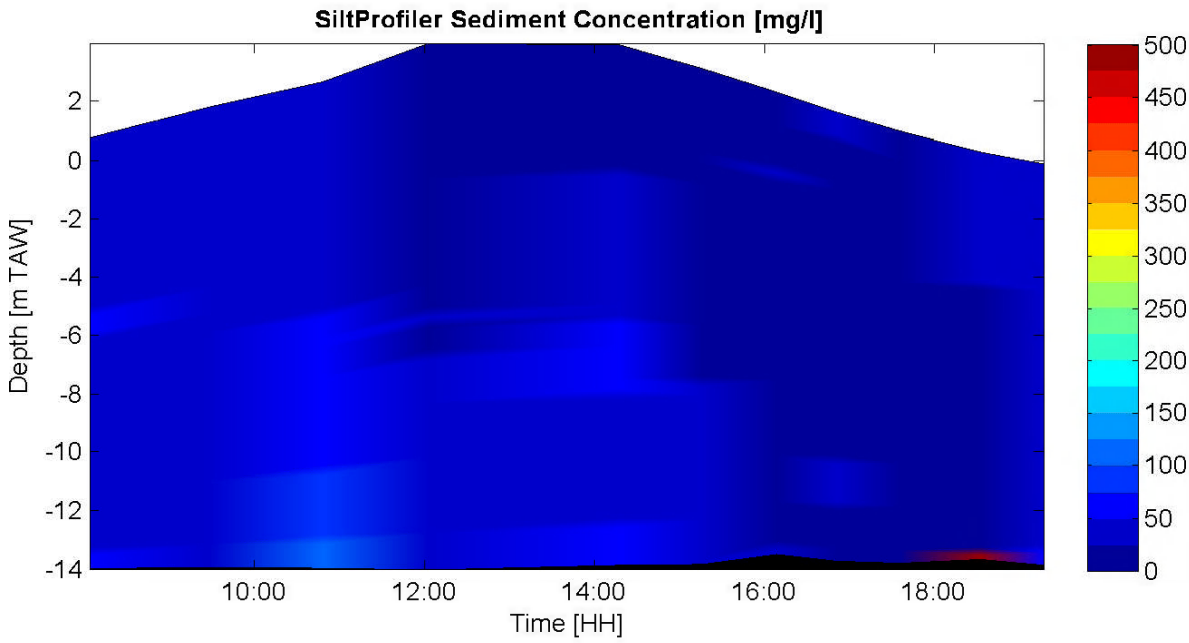




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# Through tide measurement Siltprofiler 23 October 2007

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

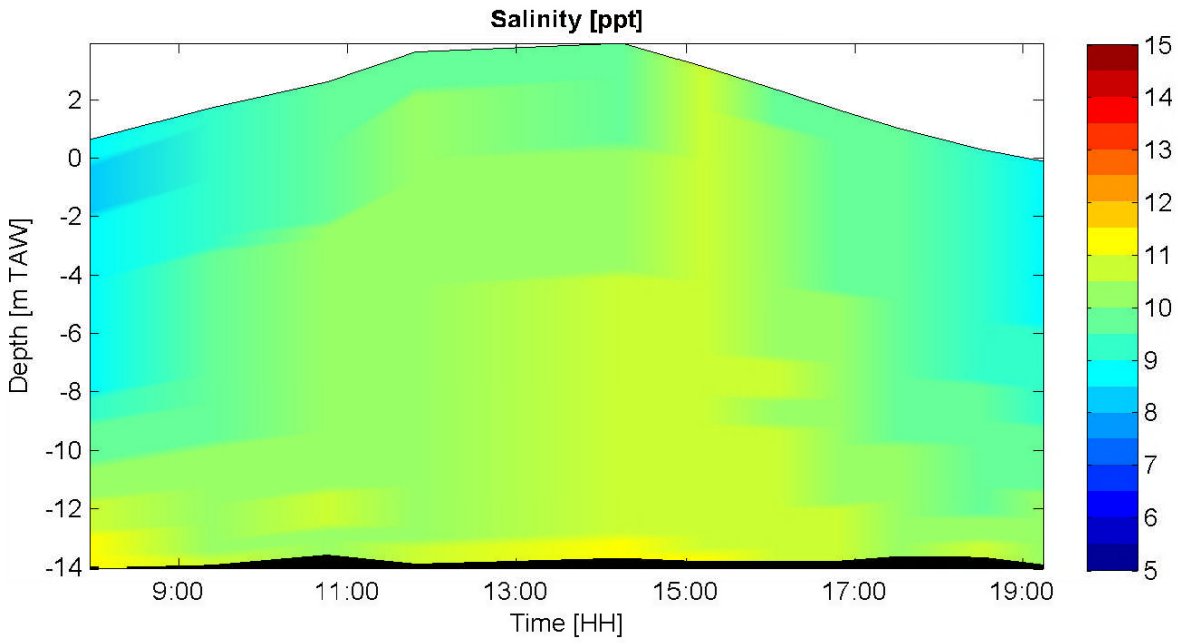


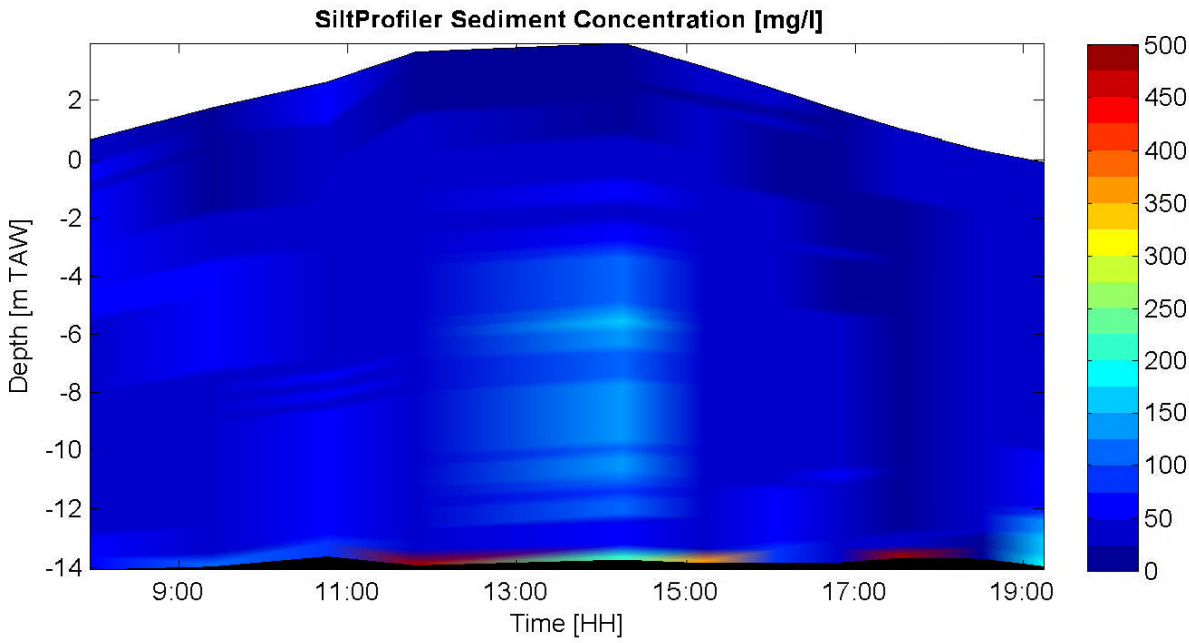




| | |
|---|---|
| Date : 23-Oct-2007 | Data Processed by: IMDC<br>In association with :<br>I/RA/11283/07.086/MSA |

# 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<br>In association with :<br>I/RA/11283/07.086/MSA |

# APPENDIX I. TRANSECT SUSPENDED SEDIMENT CONCENTRATION DISTRIBUTION

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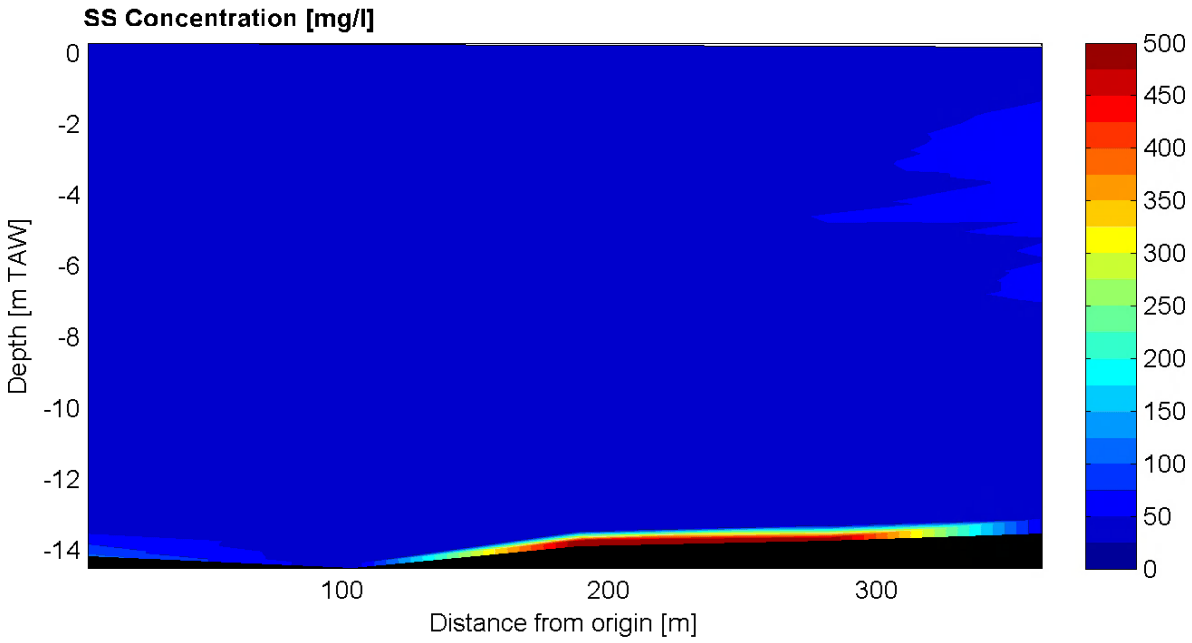
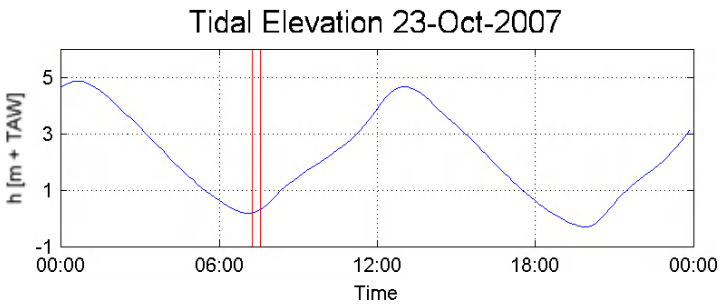
# Through tide measurement Siltprofiler 23 October 2007

| | |
|---|---|
| 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

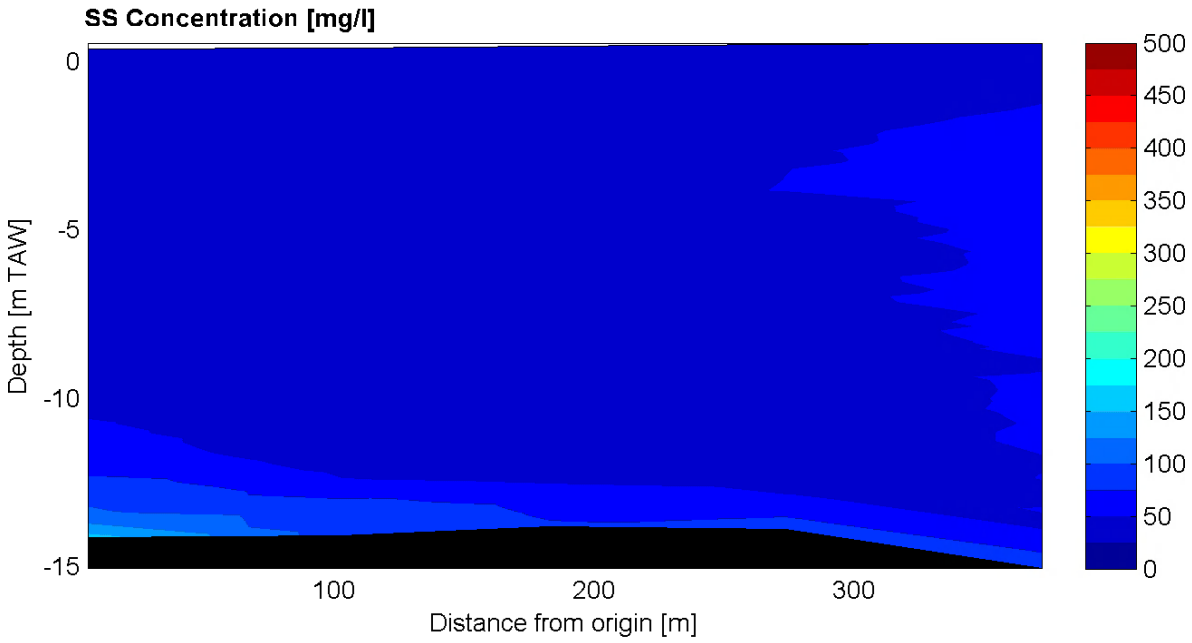
Data Processed by: IMDC

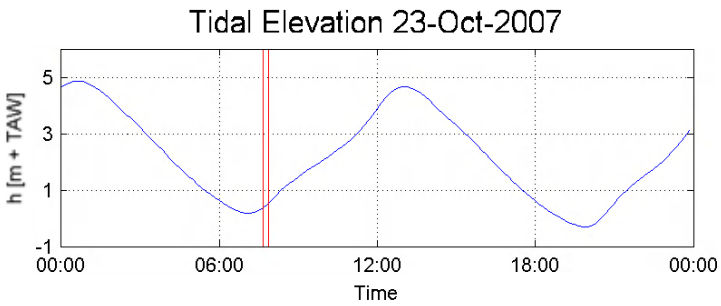
In association with :

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

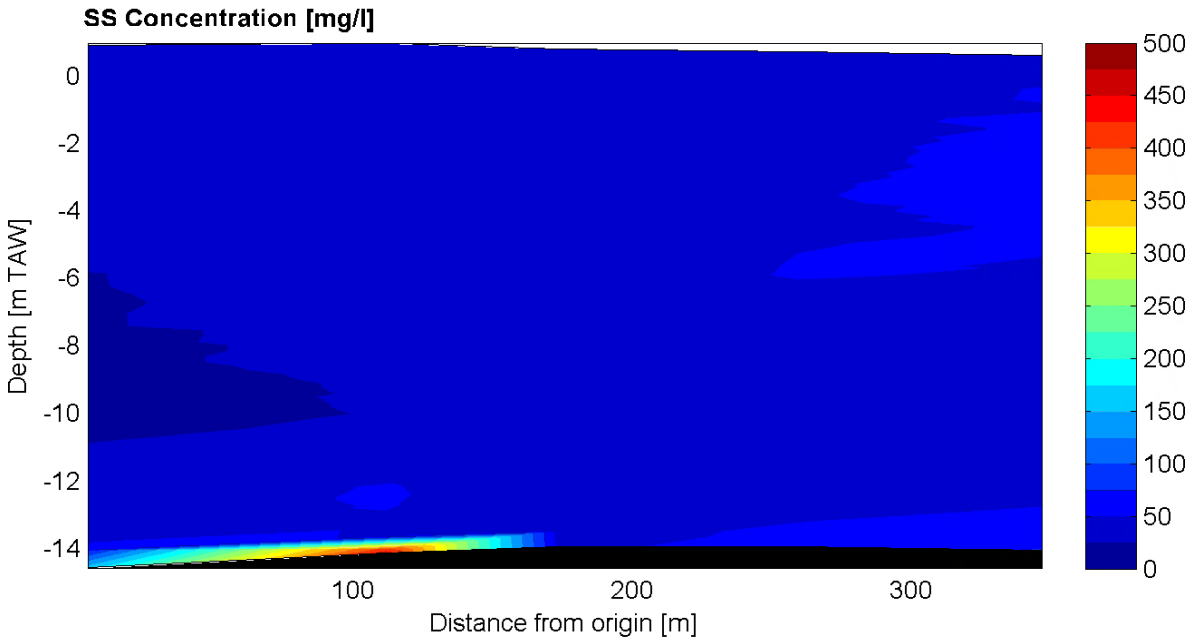
Time after HW [HH:MM]
-5:14

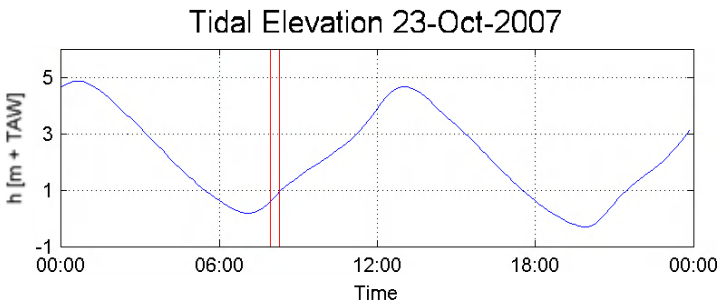
Data Processed by: IMDC
In association with :

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

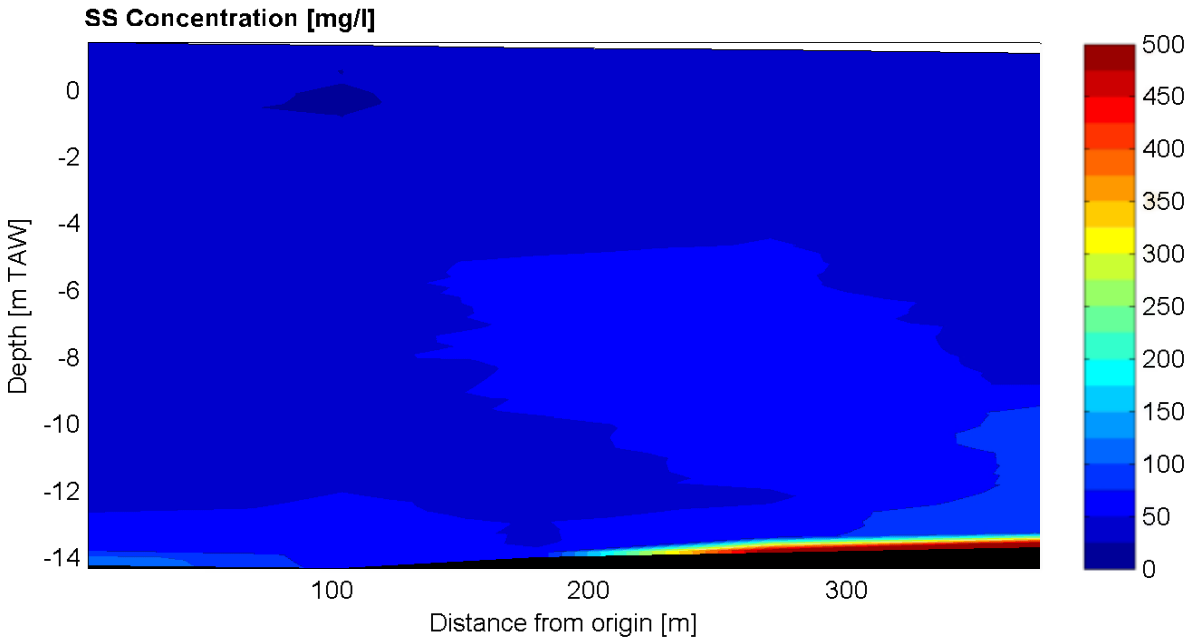
Time after HW [HH:MM]
-4:52

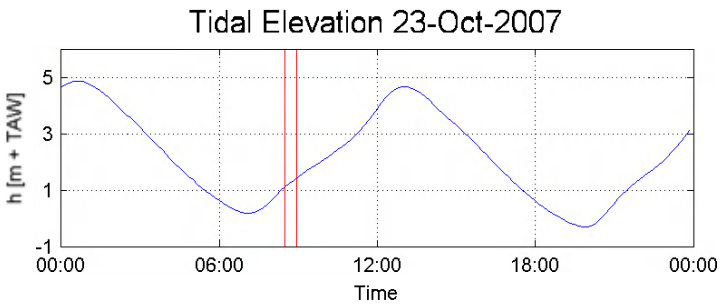
Data Processed by: IMDC
In association with :

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

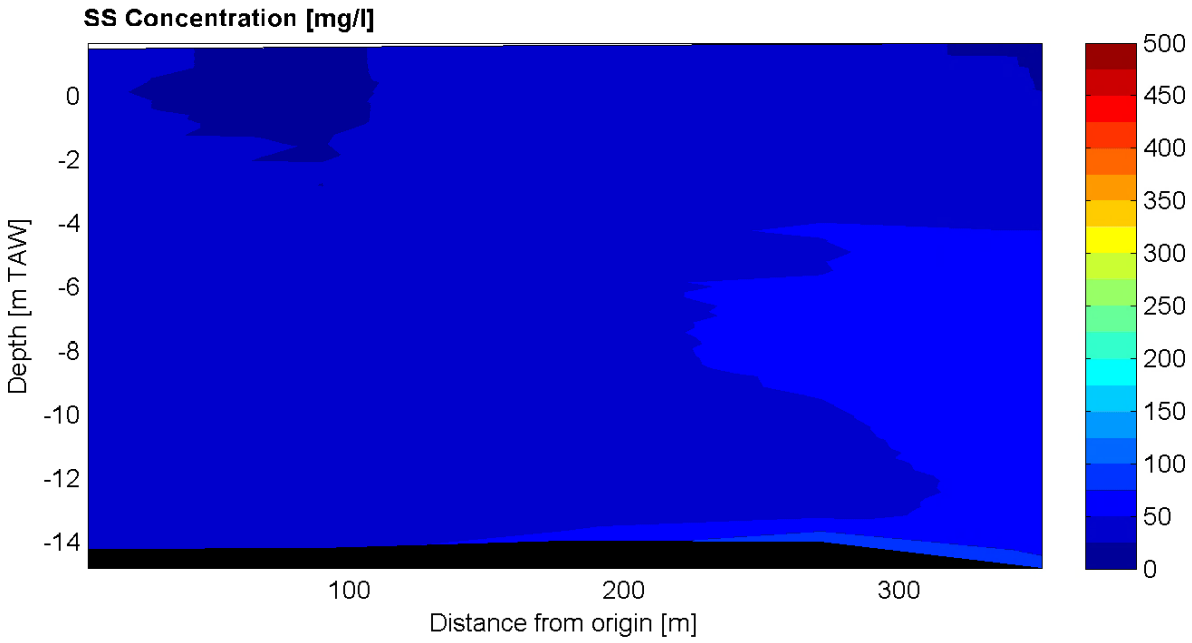
Data Processed by: IMDC

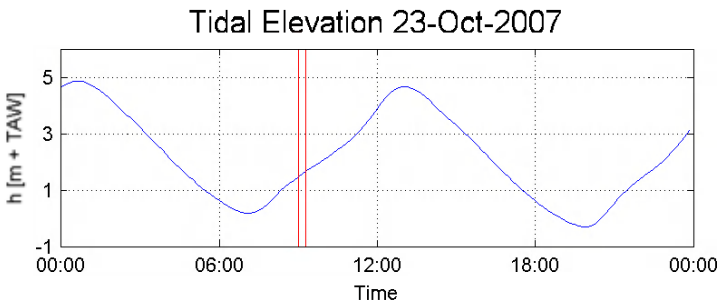
In association with :

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

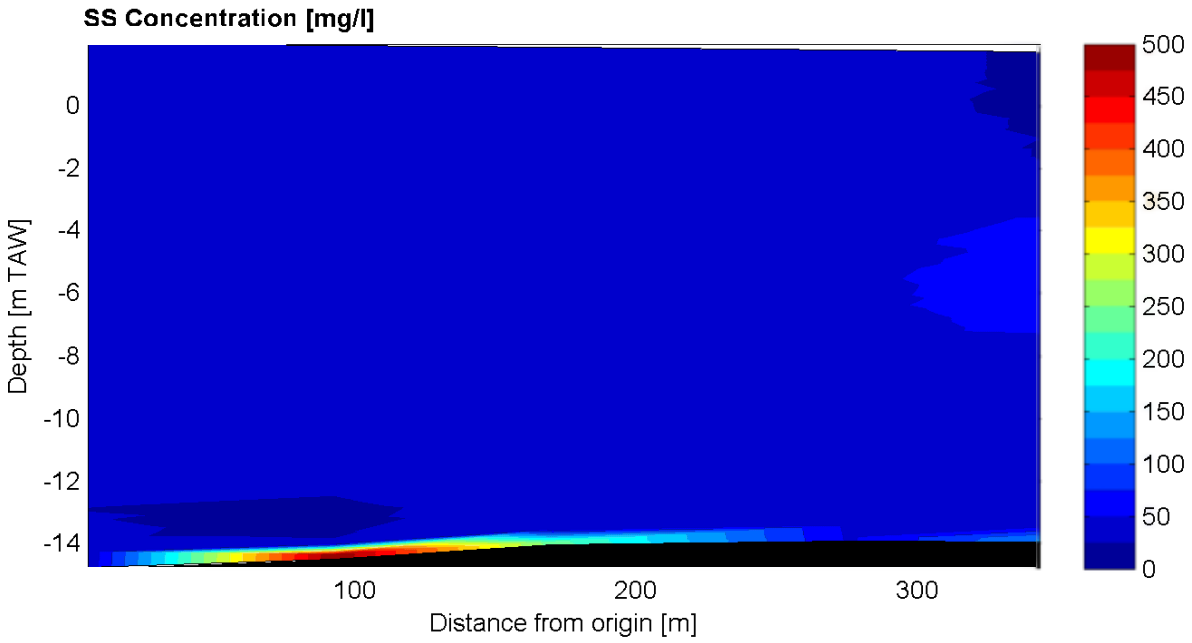
Time after HW [HH:MM]
-3:50

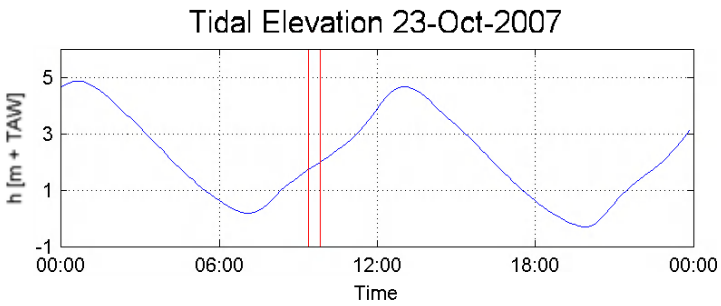
Data Processed by: IMDC
In association with :

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

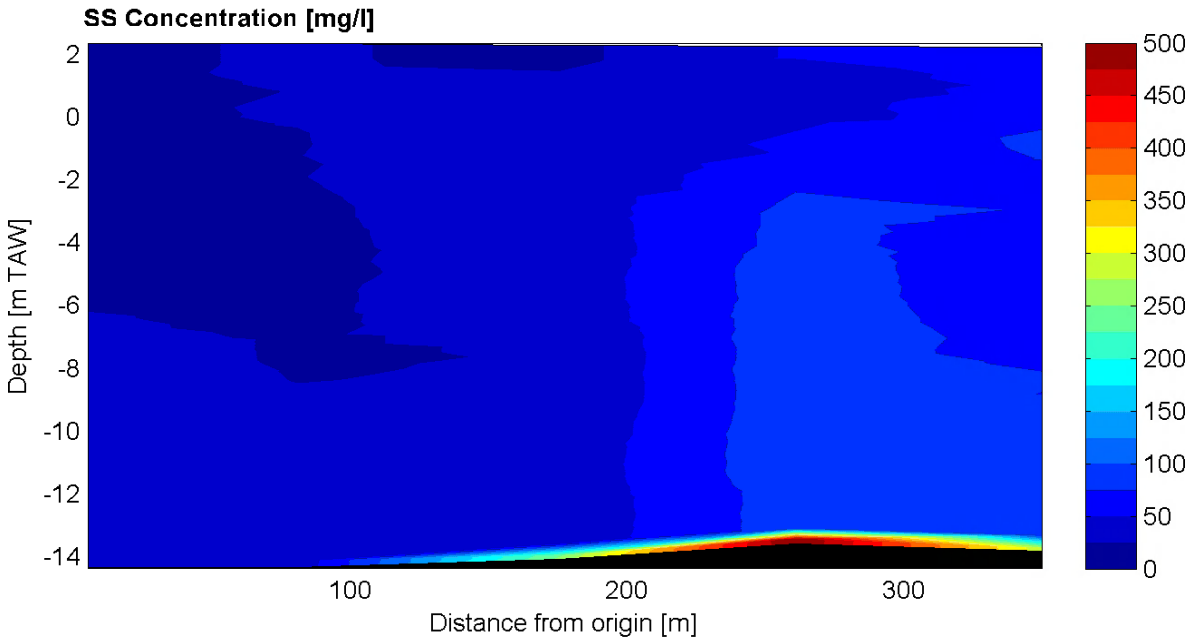
Time after HW [HH:MM]
-3:23

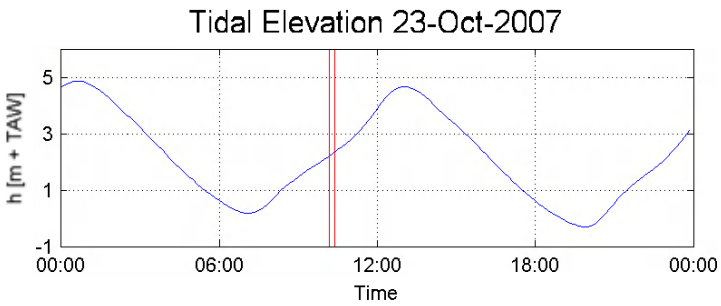
Data Processed by: IMDC
In association with :

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

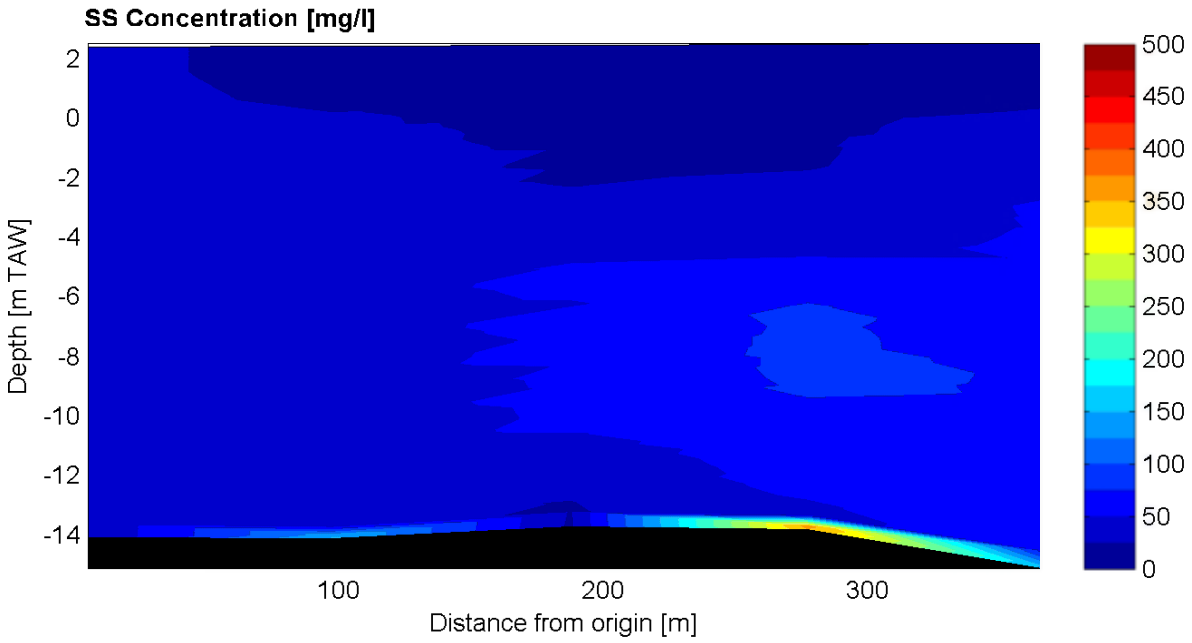
Data Processed by: IMDC

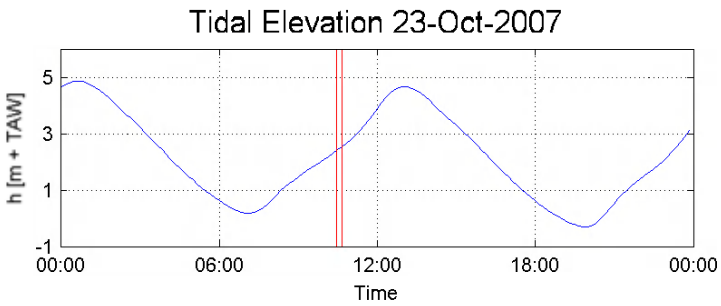
In association with :

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

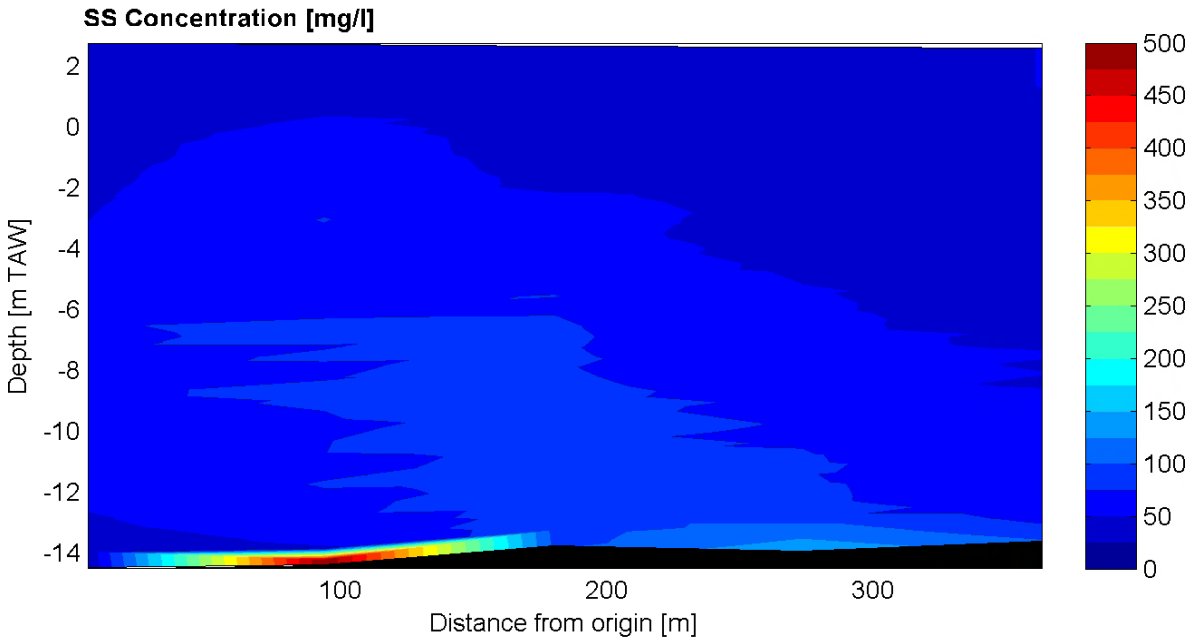
Time after HW [HH:MM]
-2:26

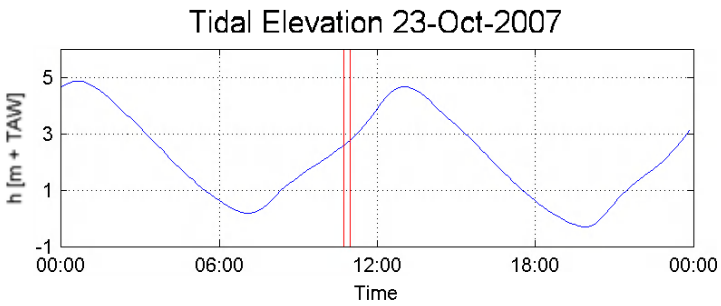
Data Processed by: IMDC
In association with :

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

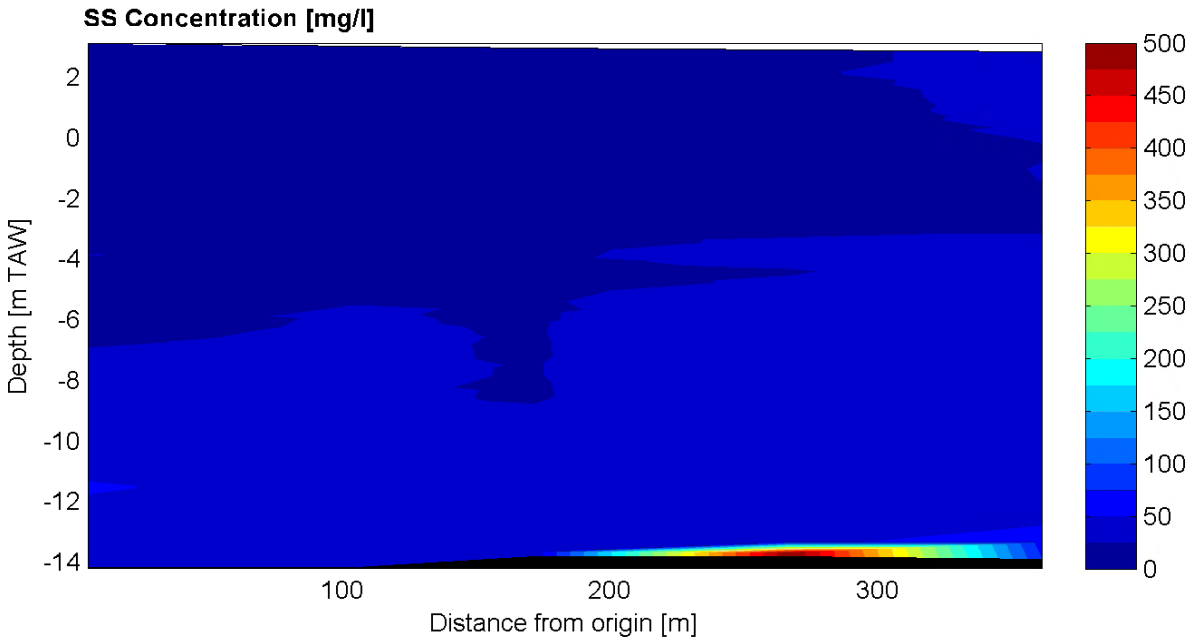
Data Processed by: IMDC

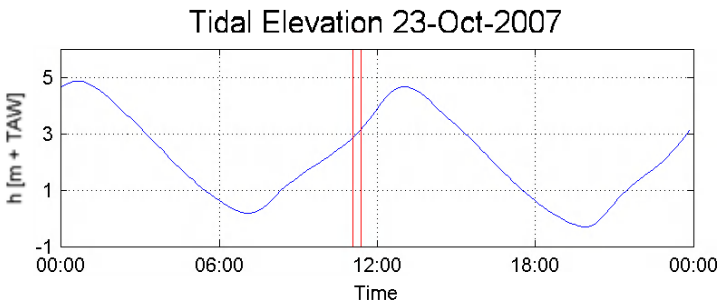
In association with :

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

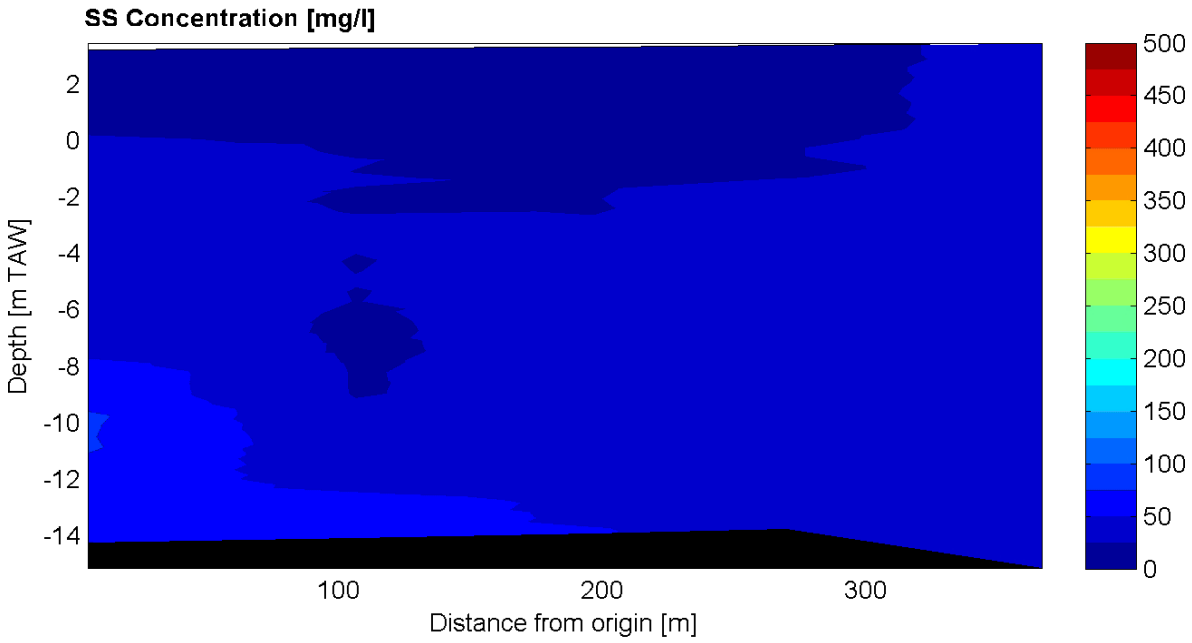
Data Processed by: IMDC

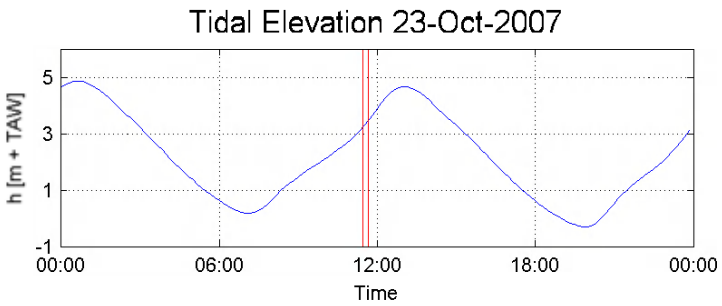
In association with :

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

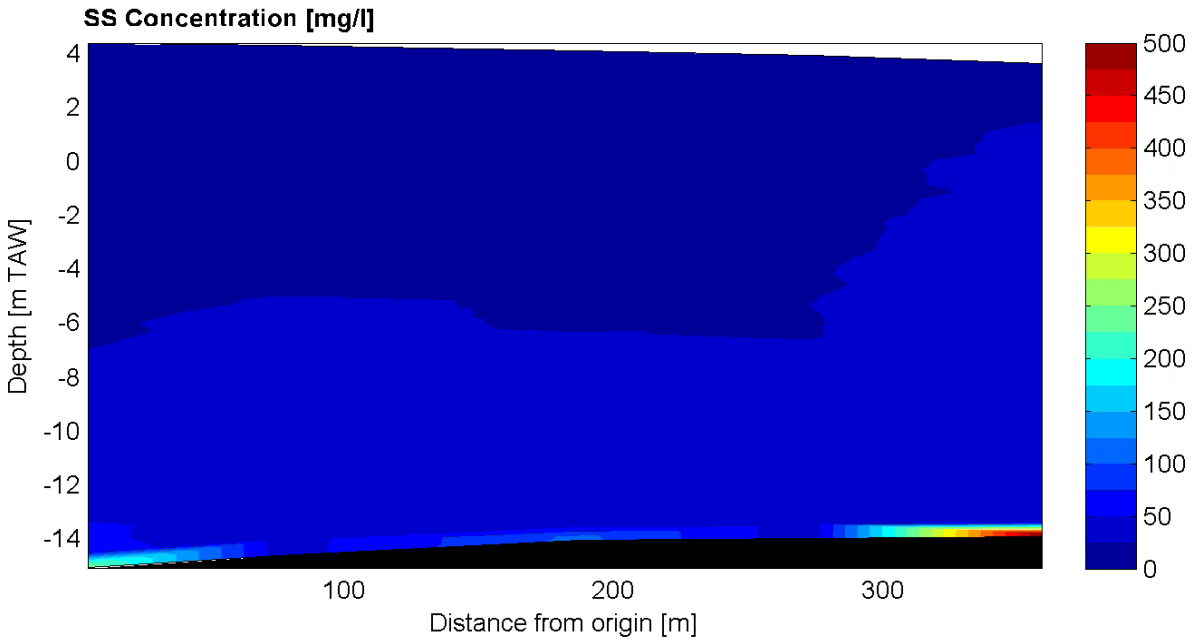
Data Processed by: IMDC

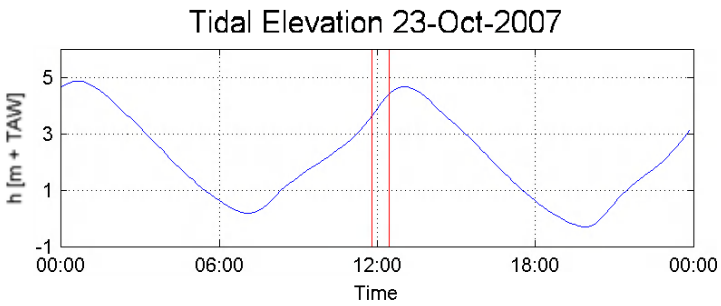
In association with :

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

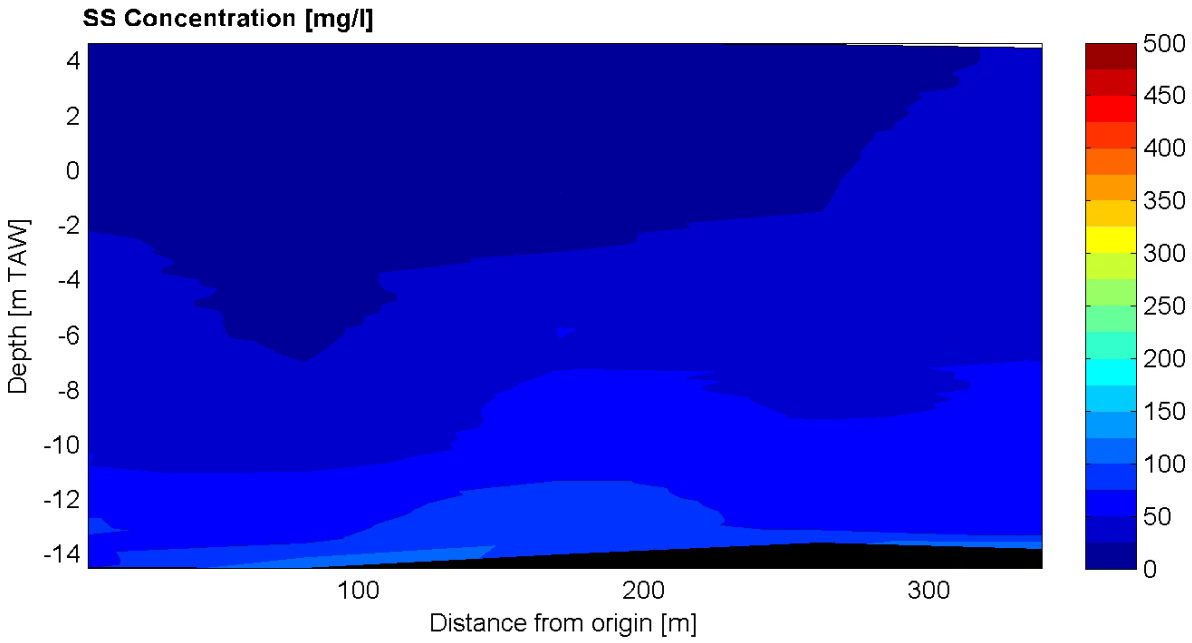
Data Processed by: IMDC

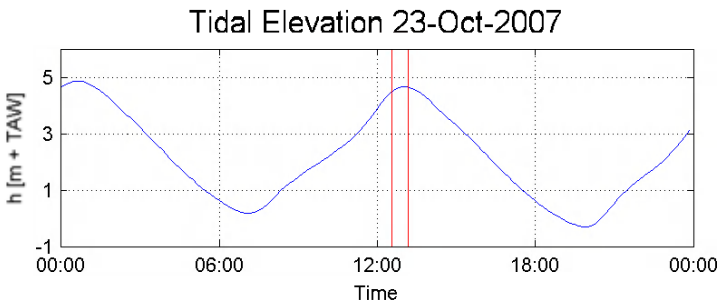
In association with :

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

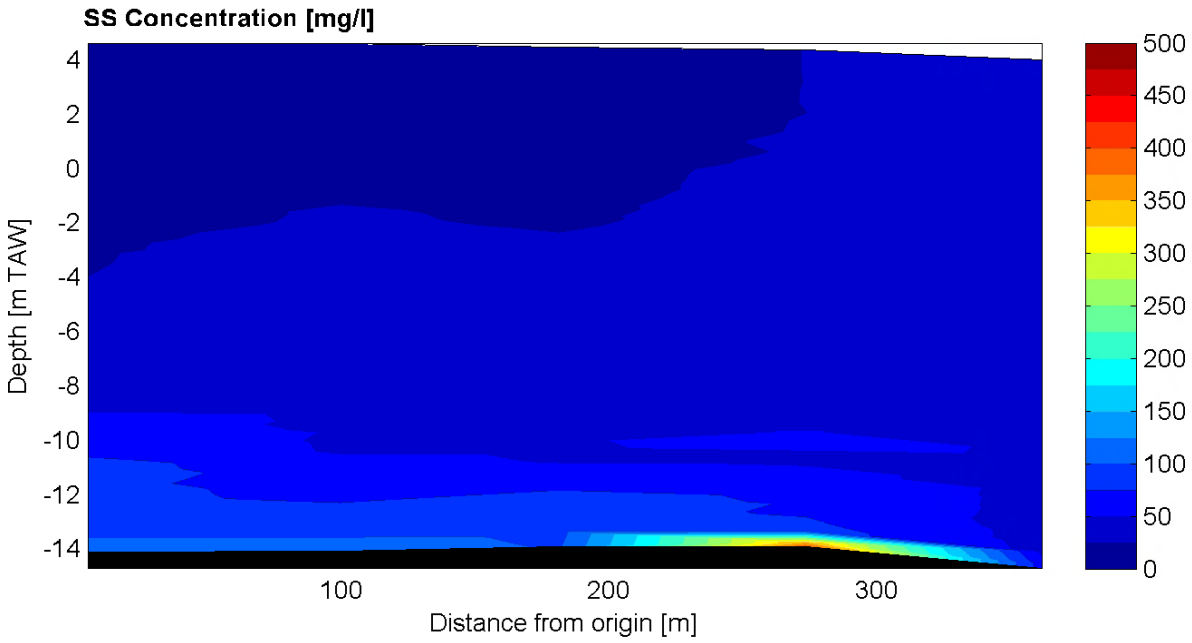
Data Processed by: IMDC

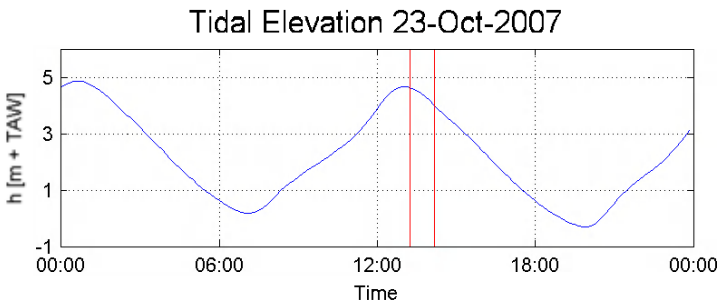
In association with :

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

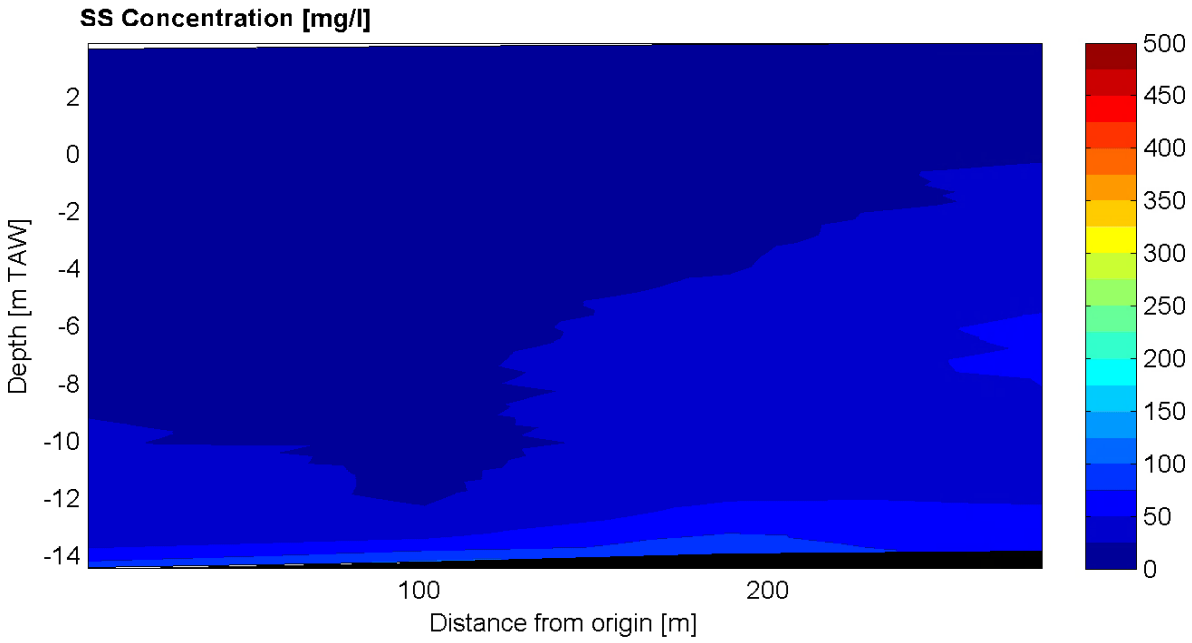
Data Processed by: IMDC

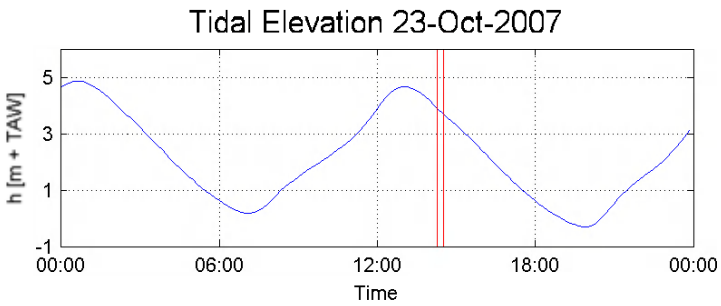
In association with :

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

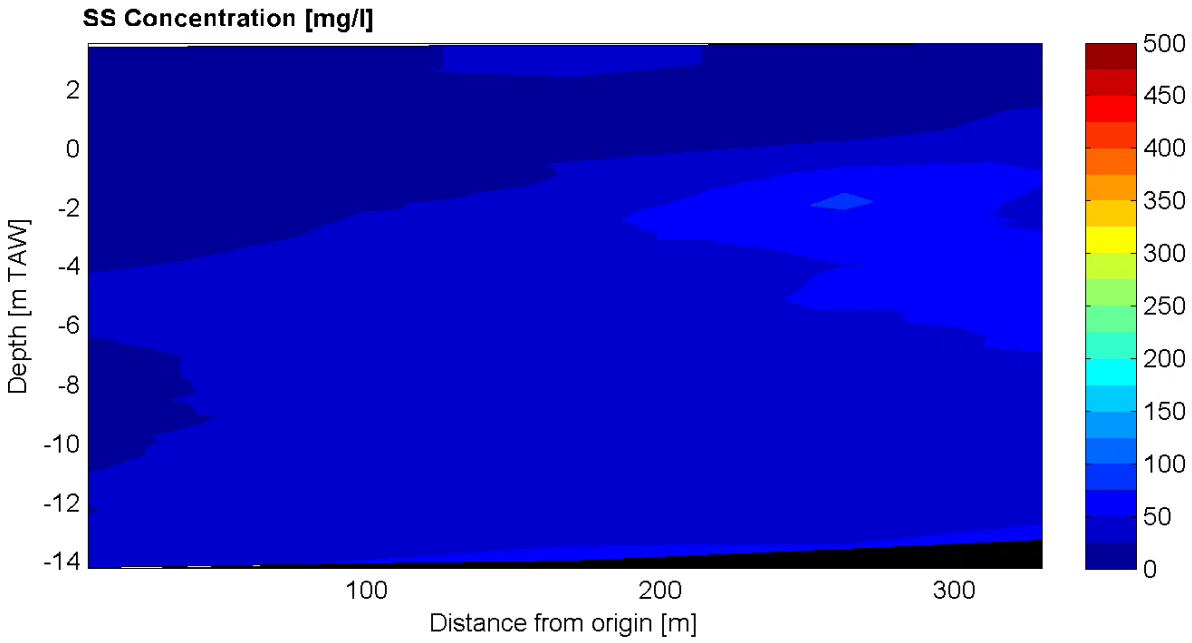
Data Processed by: IMDC

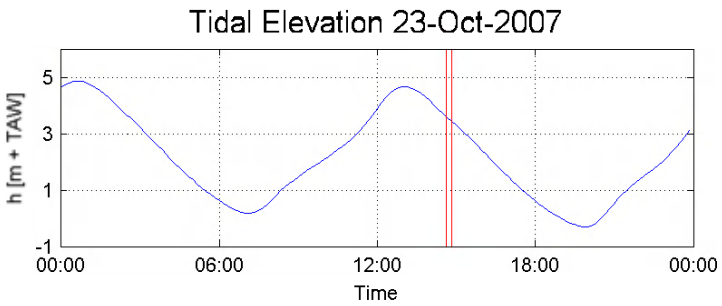
In association with :

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

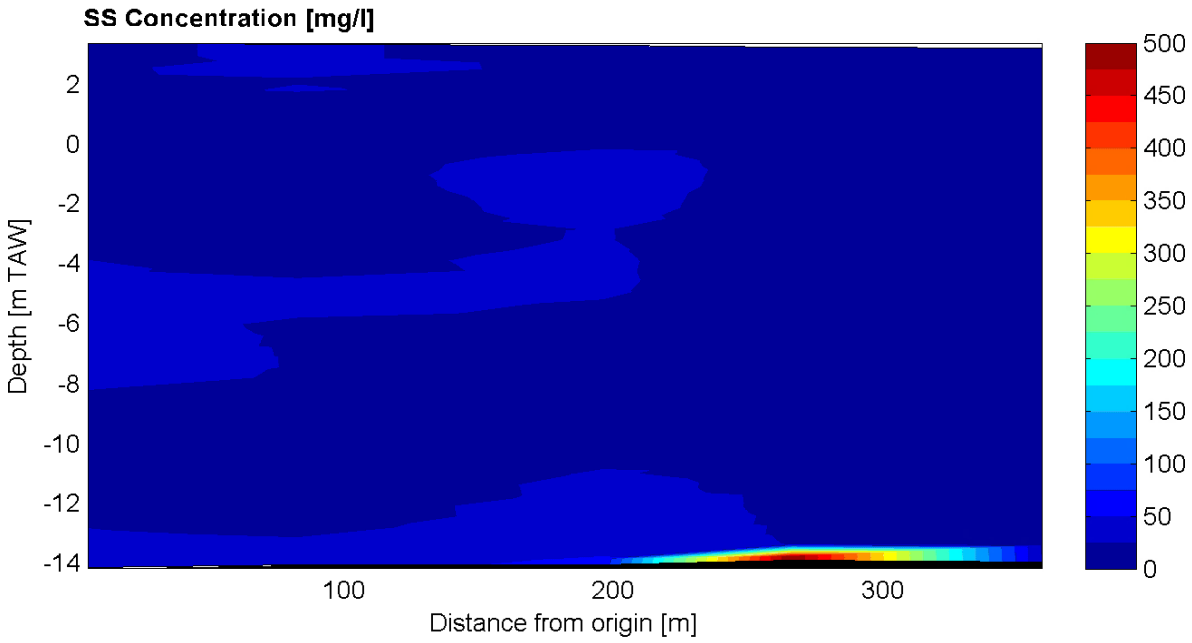
Data Processed by: IMDC

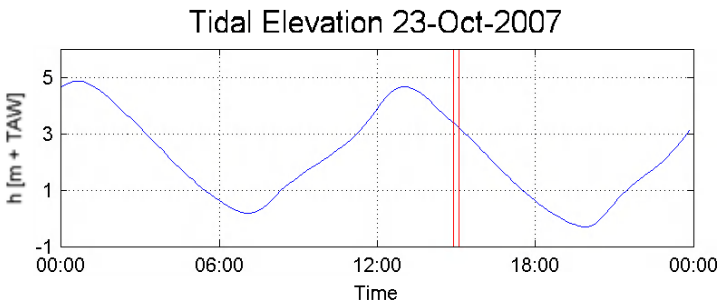
In association with :

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

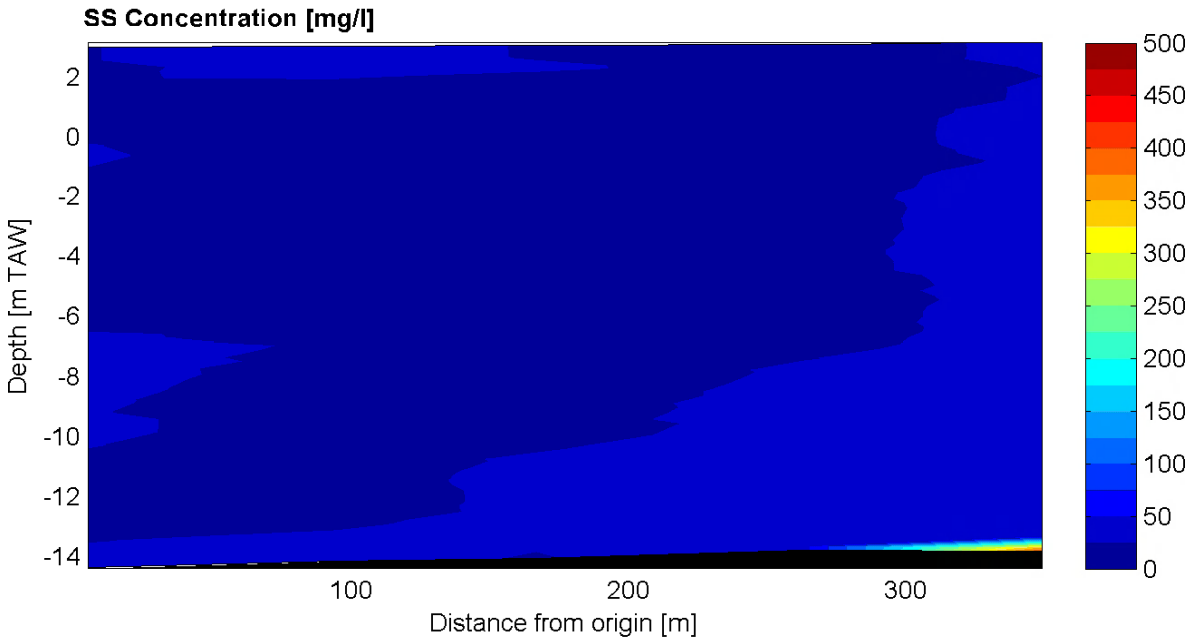
Data Processed by: IMDC

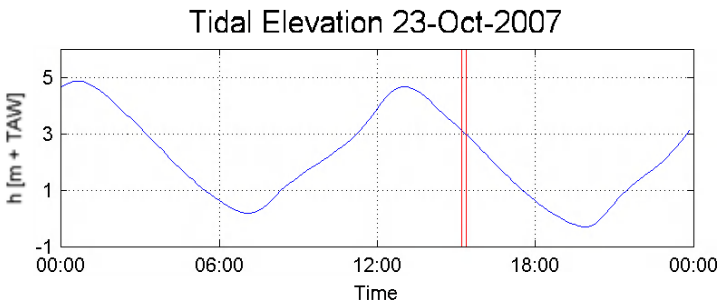
In association with :

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

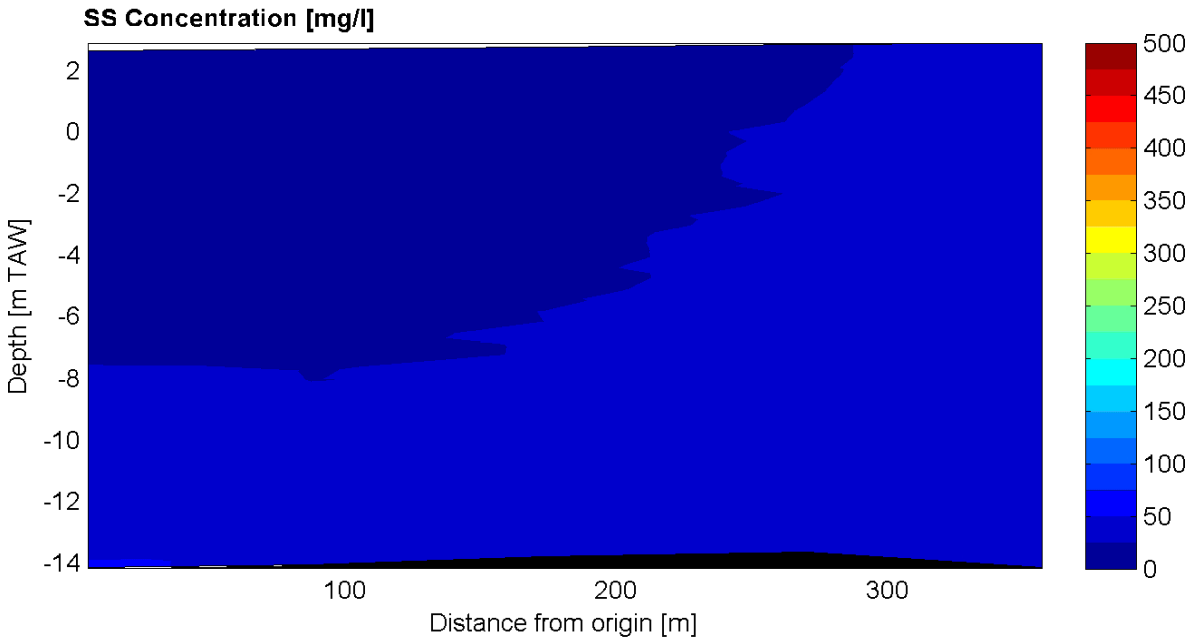
Time after HW [HH:MM]
2:17

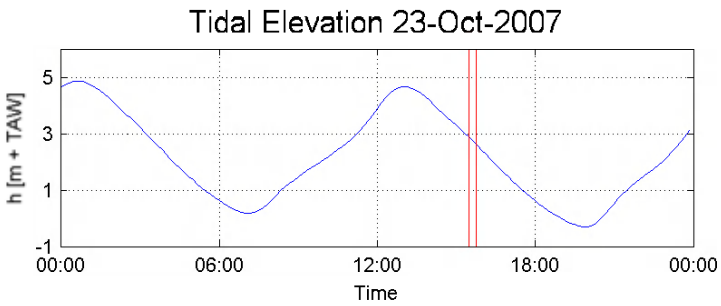
Data Processed by: IMDC
In association with :

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

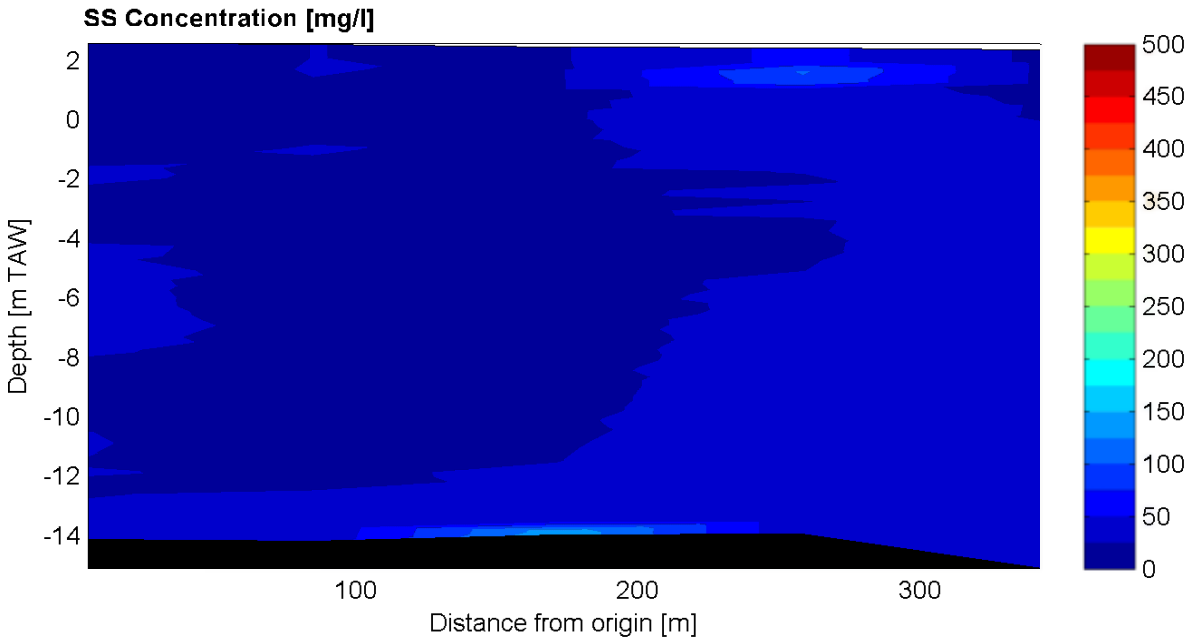
Data Processed by: IMDC

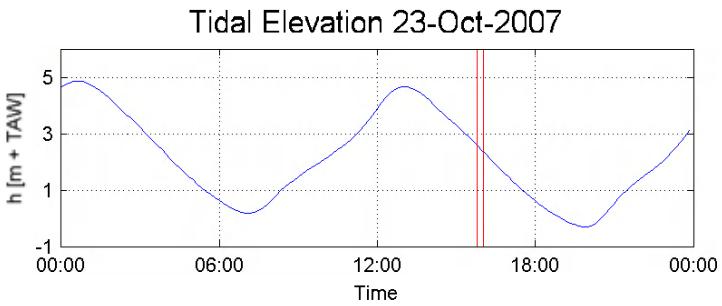
In association with :

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

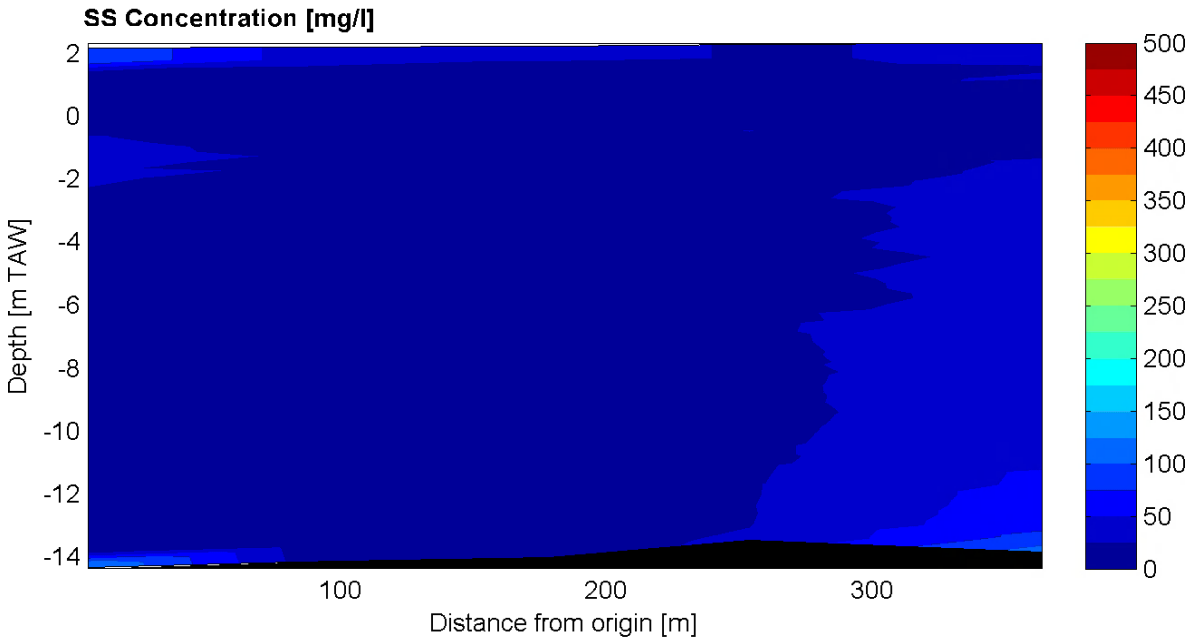
Data Processed by: IMDC

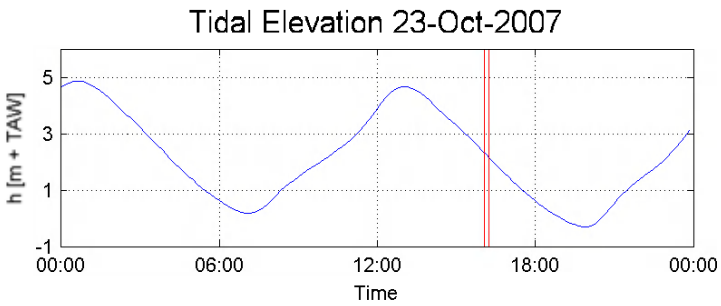
In association with :

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

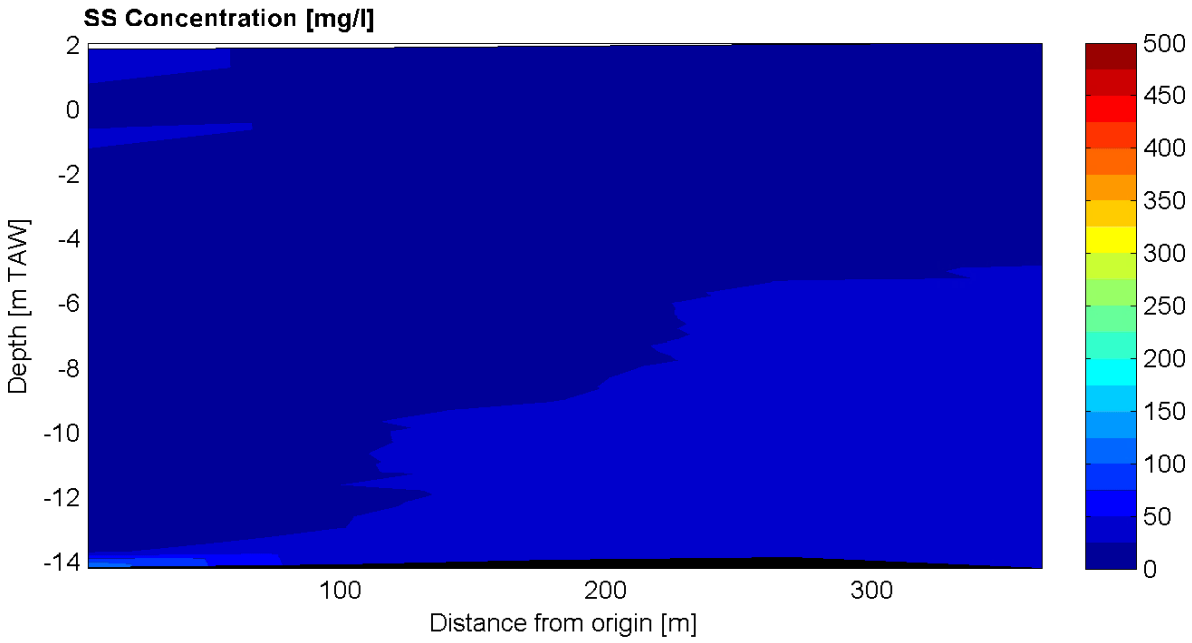
Data Processed by: IMDC

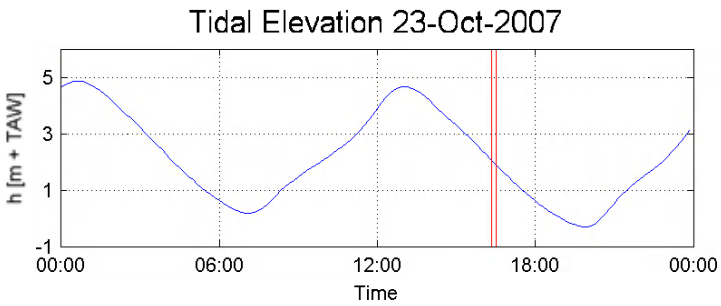
In association with :

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

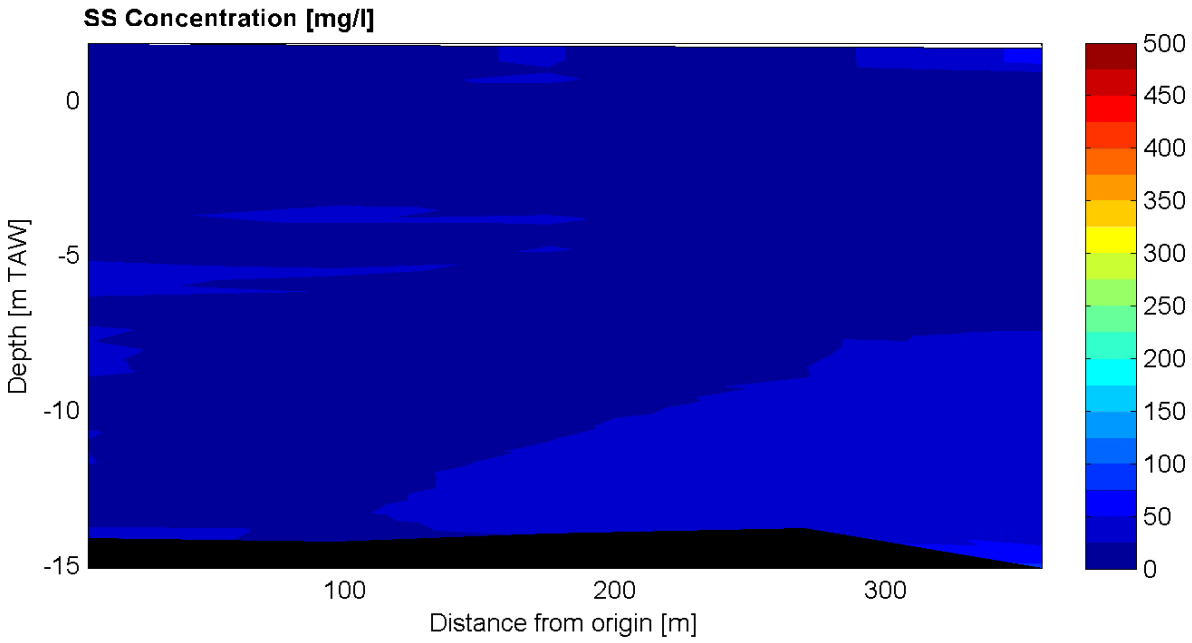
Data Processed by: IMDC

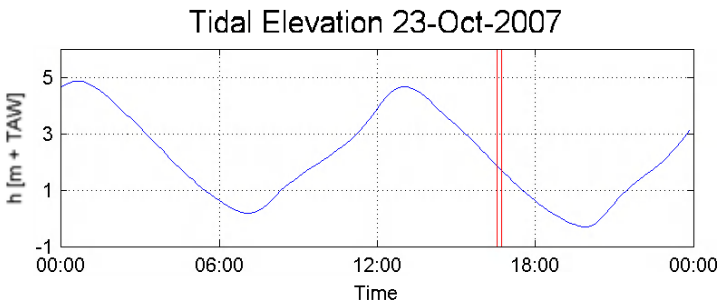
In association with :

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

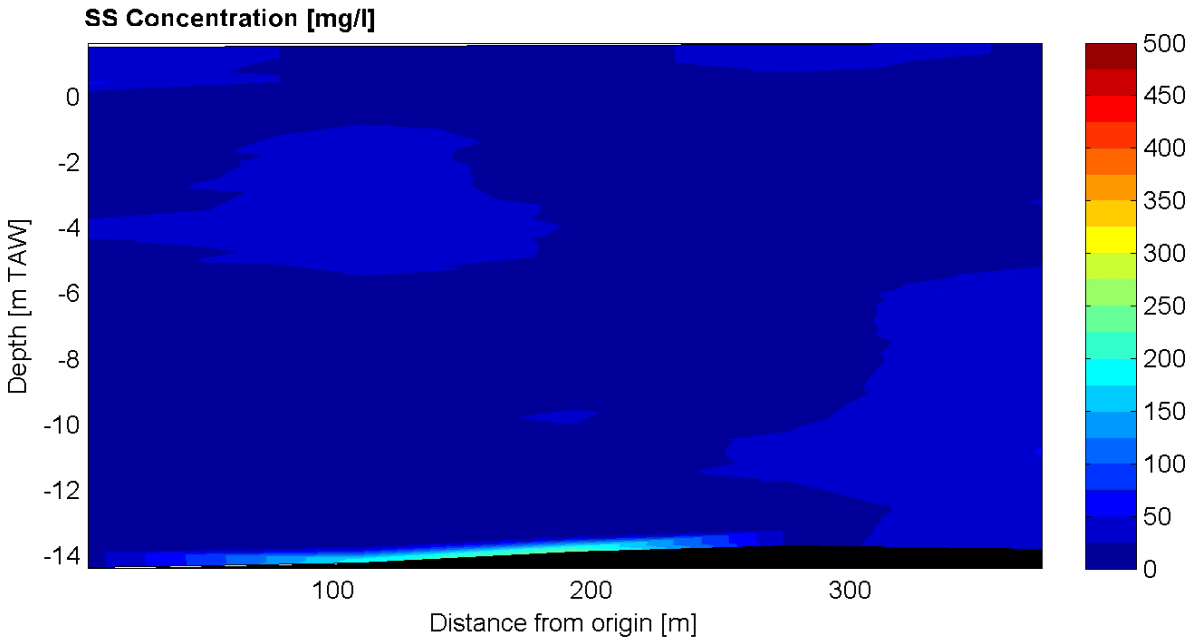
Time after HW [HH:MM]
3:40

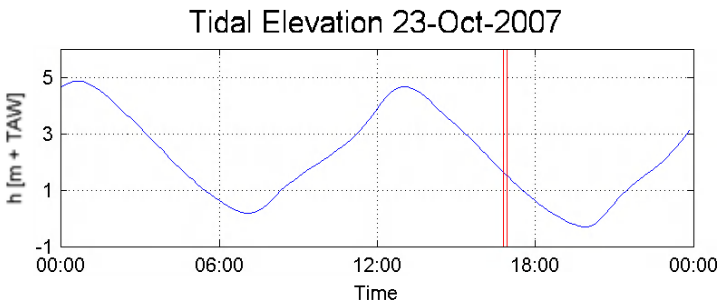
Data Processed by: IMDC
In association with :

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

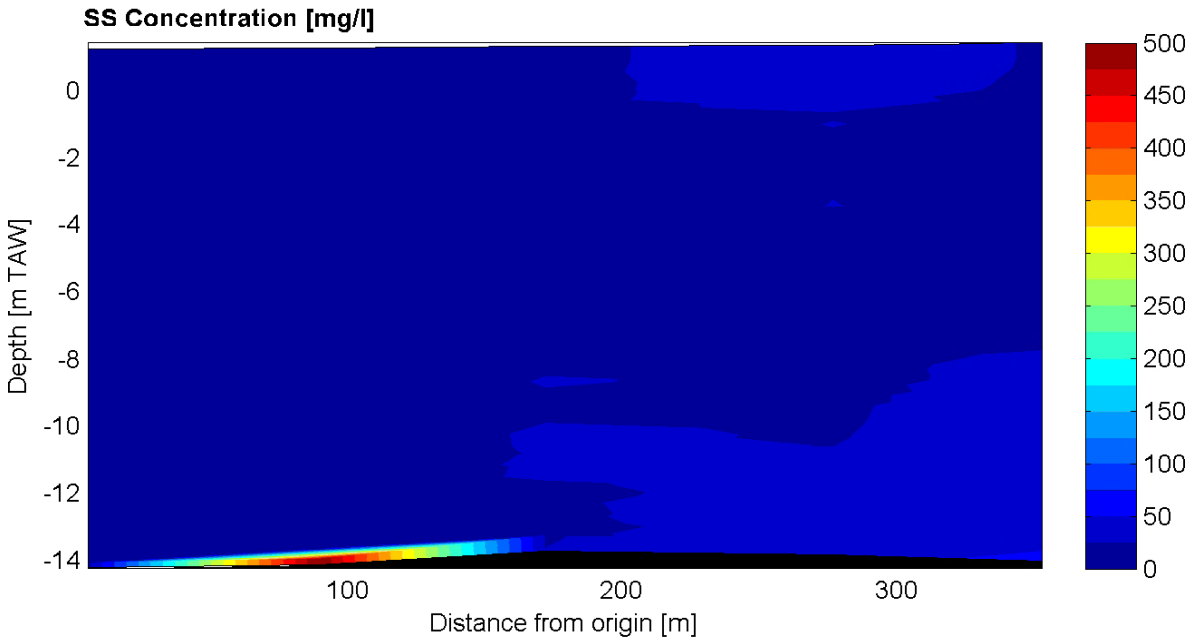
Time after HW [HH:MM]
3:52

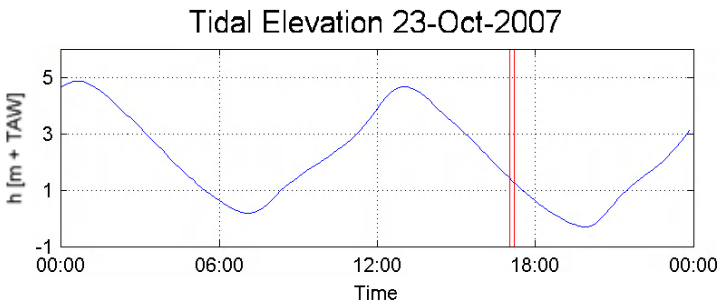
Data Processed by: IMDC
In association with :

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

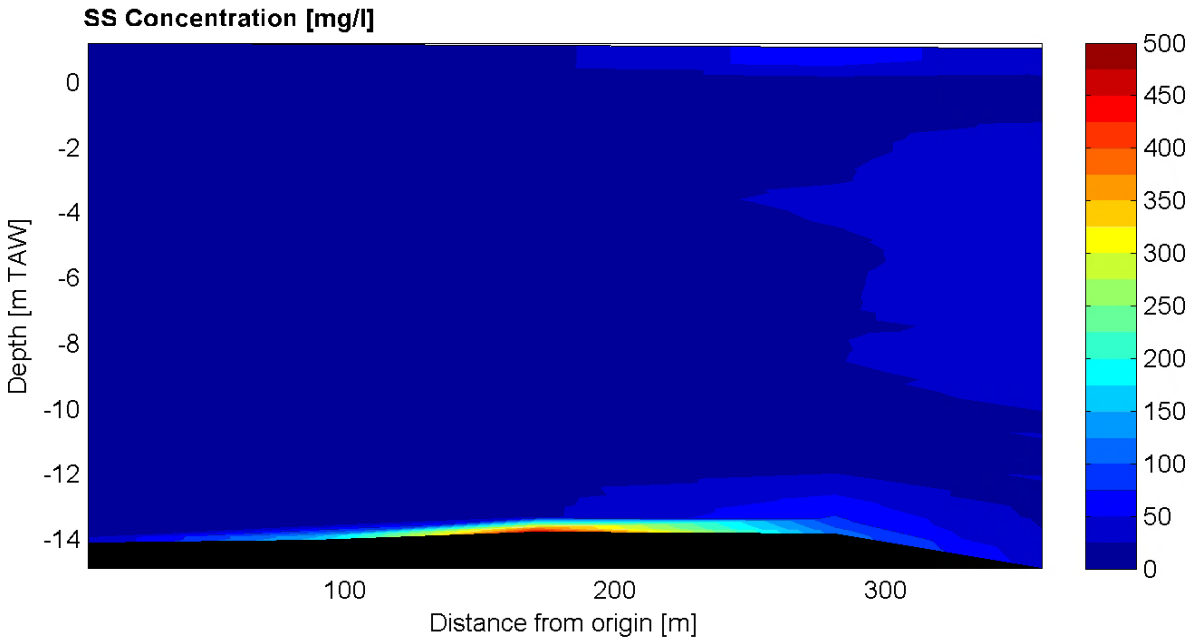
Data Processed by: IMDC

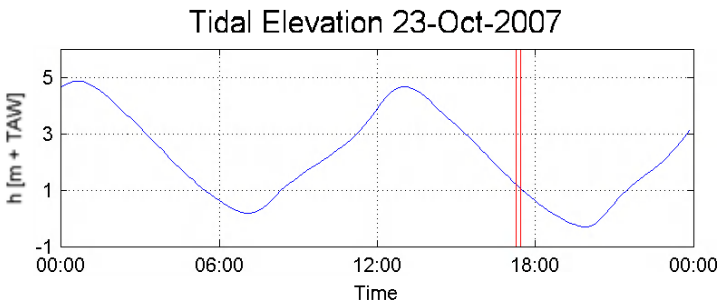
In association with :

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

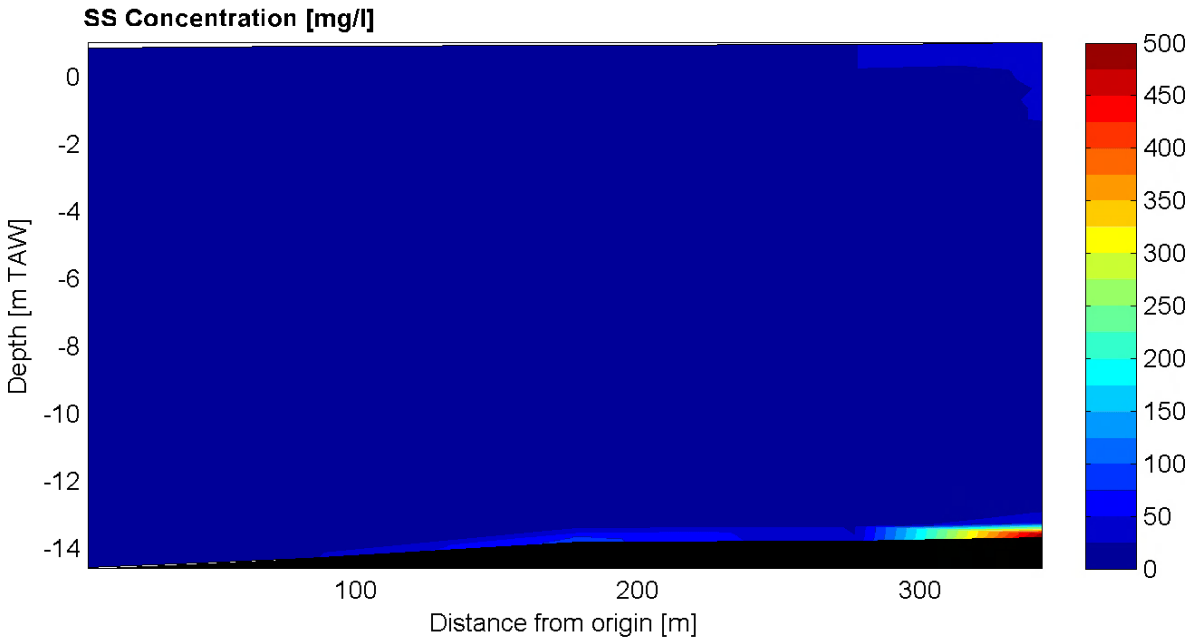
Time after HW [HH:MM]
4:22

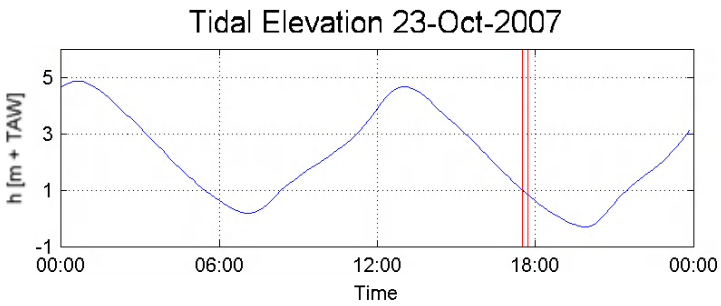
Data Processed by: IMDC
In association with :

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

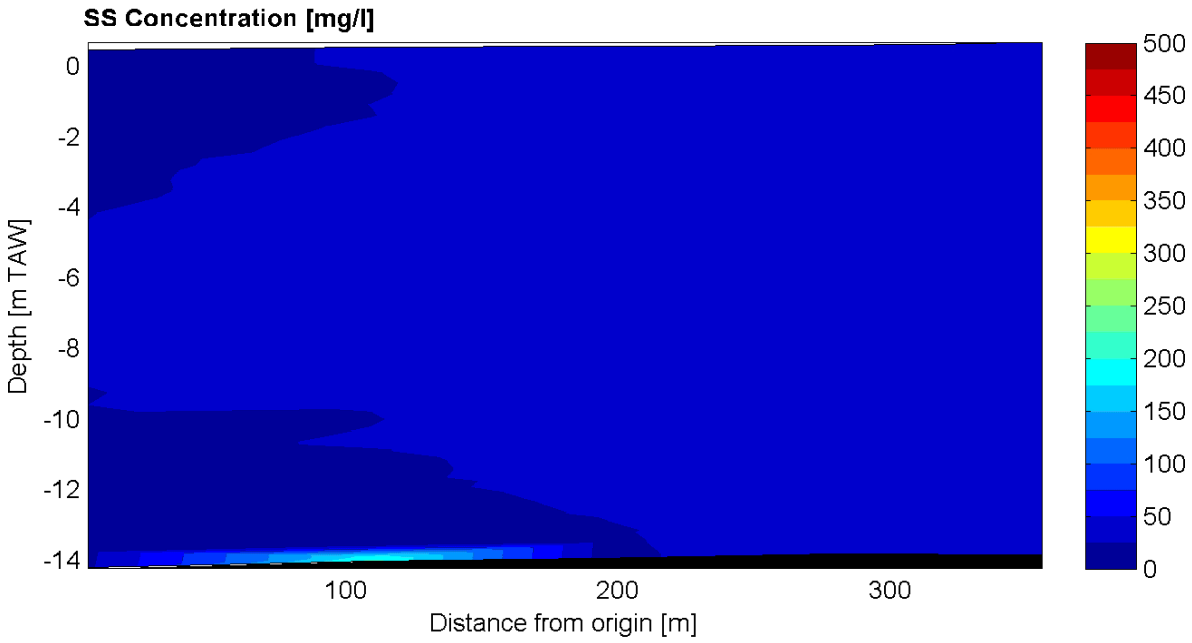
Time after HW [HH:MM]
4:37

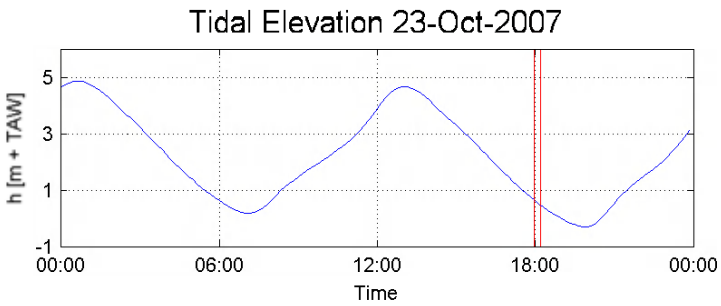
Data Processed by: IMDC
In association with :

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

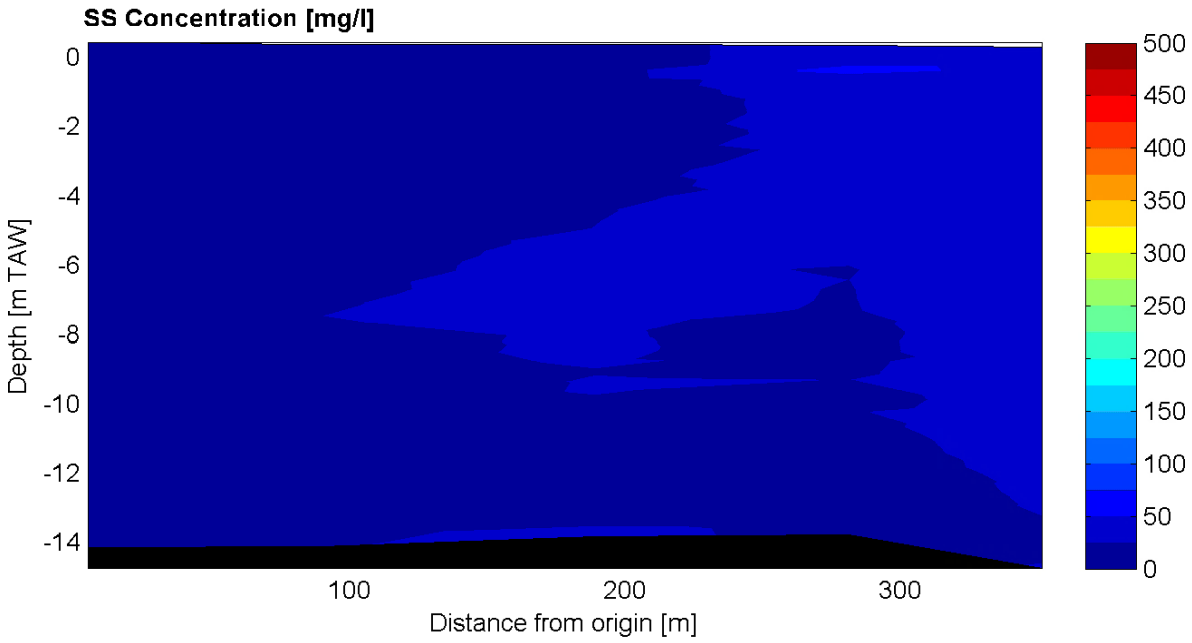
Time after HW [HH:MM]
5:06

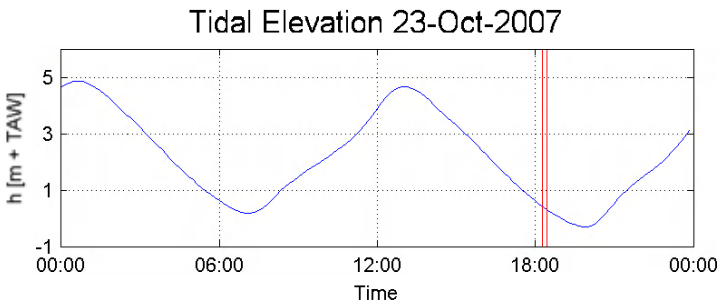
Data Processed by: IMDC
In association with :

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

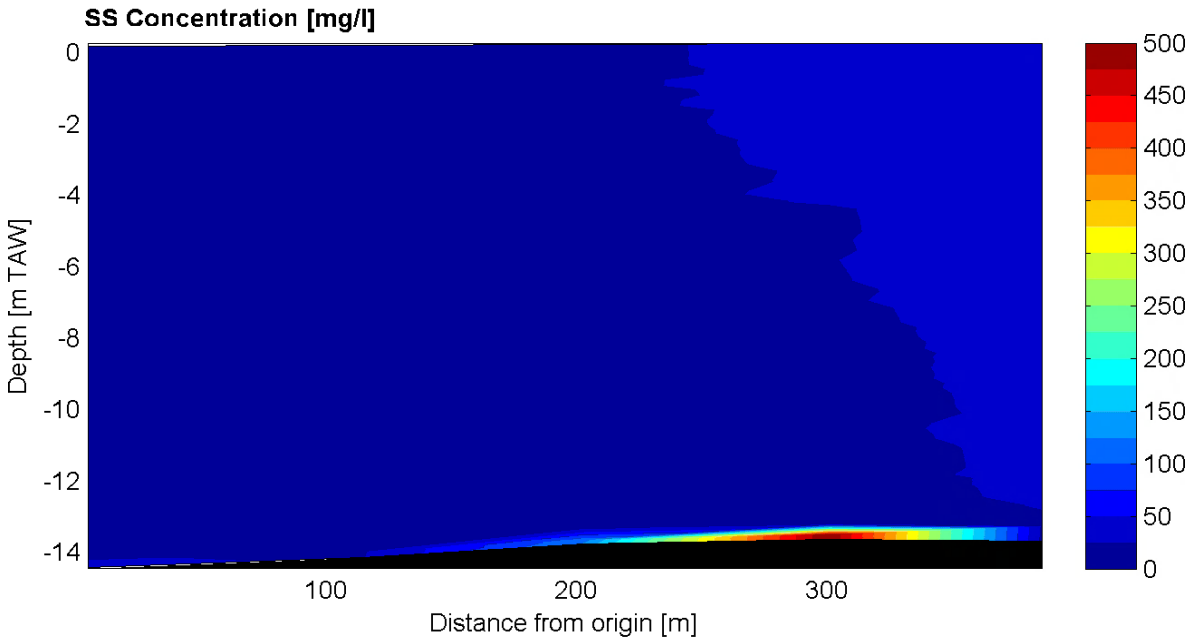
Time after HW [HH:MM]
5:22

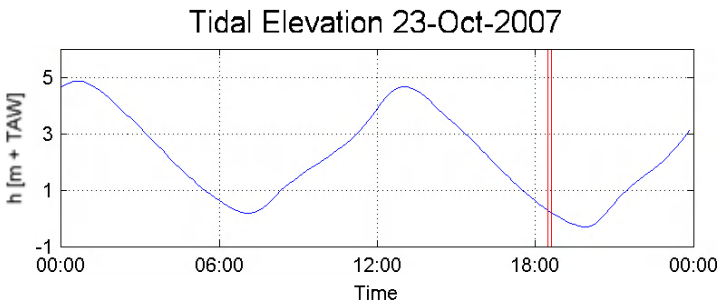
Data Processed by: IMDC
In association with :

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

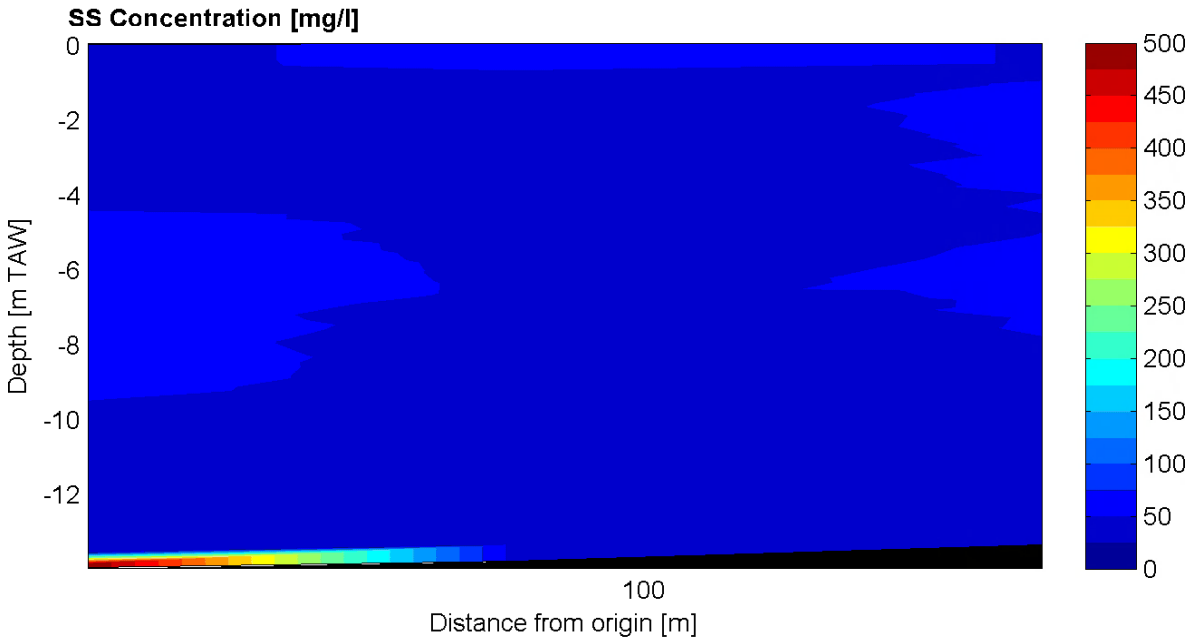
Time after HW [HH:MM]
5:34

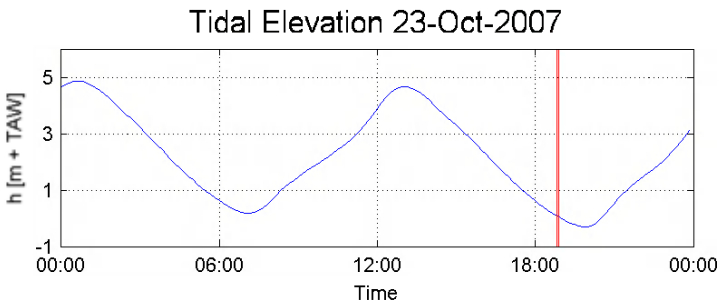
Data Processed by: IMDC
In association with :

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

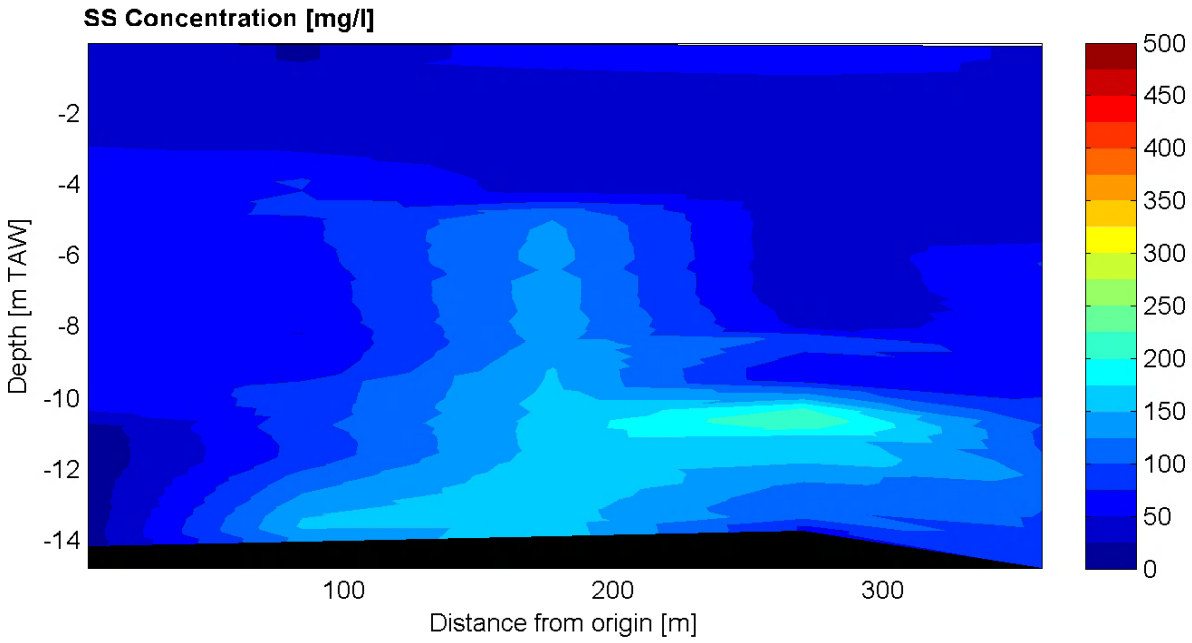
Time after HW [HH:MM]
5:52

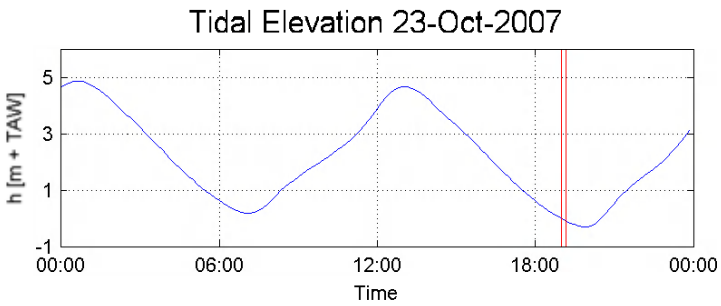
Data Processed by: IMDC
In association with :

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

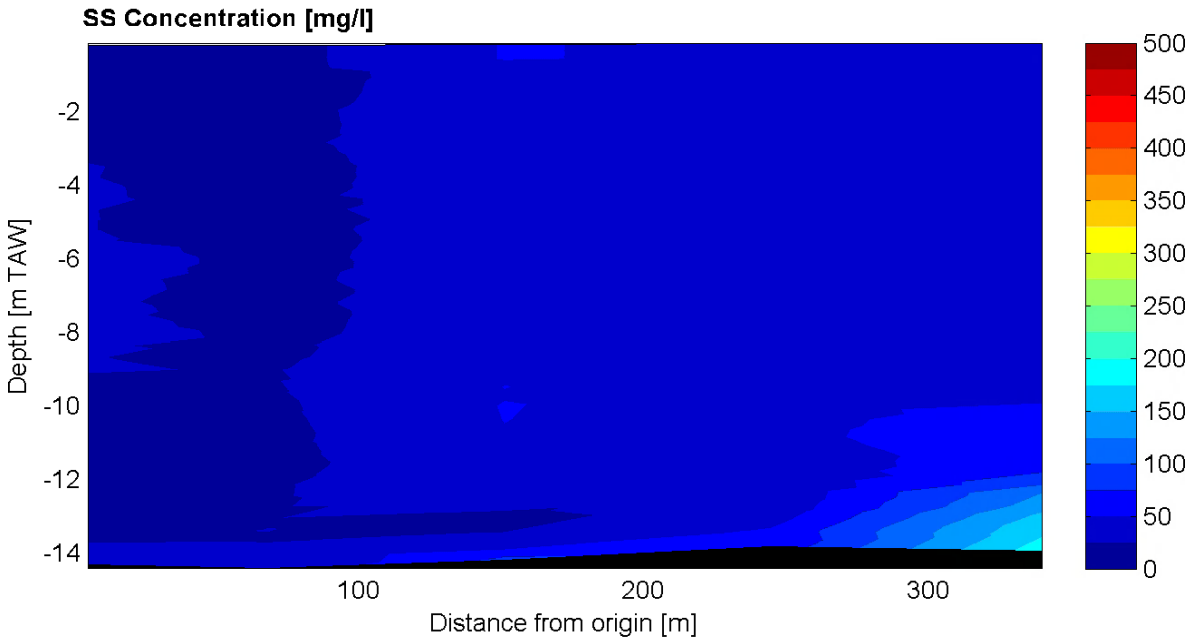
Time after HW [HH:MM]
6:06

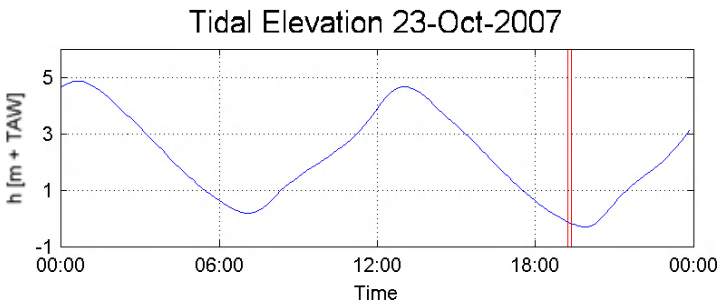
Data Processed by: IMDC
In association with :

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

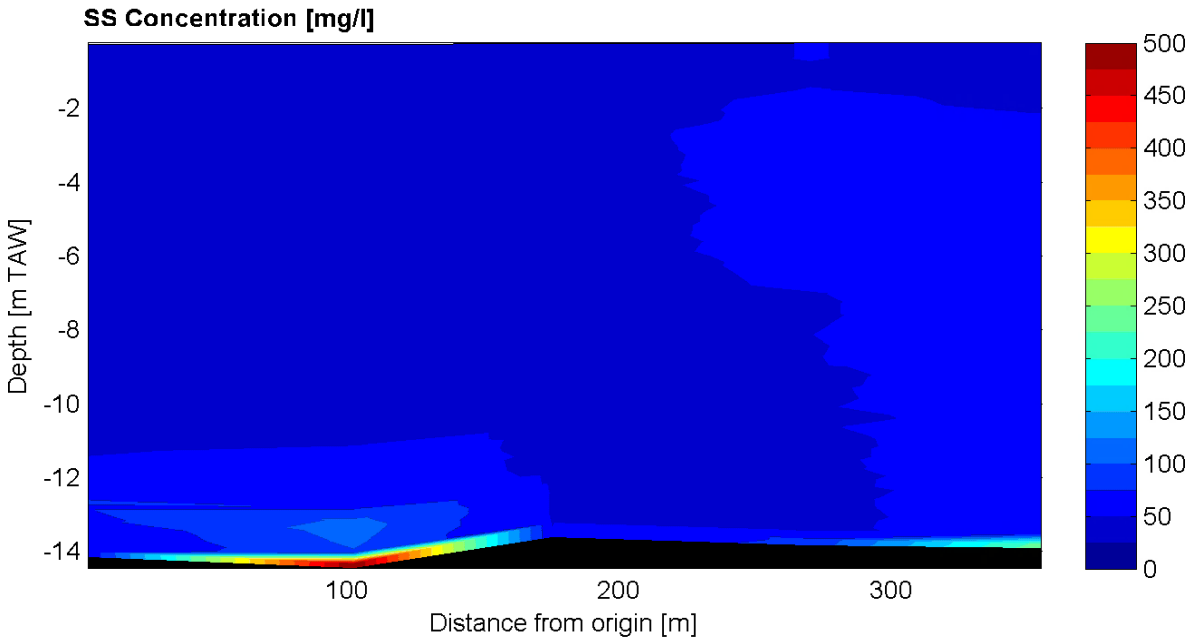
Time after HW [HH:MM]
6:19

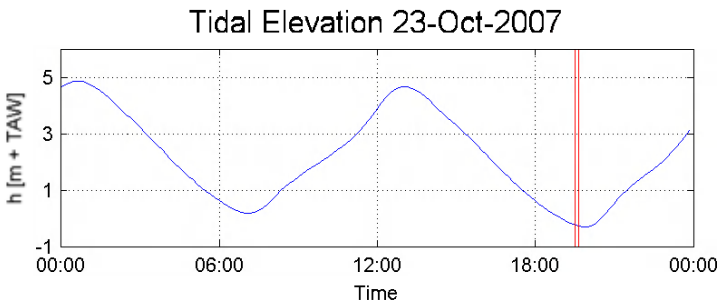
Data Processed by: IMDC
In association with :

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: IMDC
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 condtions: Annual report (I/RA/11283/06.128/MSA)~~[2] |
| **Analysis** | |
| 4.1 | Analysis of Siltation Processes and Factors (I/RA/11283/06.129/MSA) |

[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'