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Ödsmål. Kville sn, Bohuslän

Hällristning
Fiskare från
bronsåldern

Rock carving
Bronze age
fishermen



MEDDELANDE från
HAVSFISKELABORATORIET • LYSEKIL

nr
83

Hydrografiska avdelningen, Göteborg.

Hydrographical Data

1964

R.V. Skagerak

R.V. Thetis

April 1970

HYDROGRAPHICAL DATA

1964

R/V SKAGERAK

R/V THETIS

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INTRODUCTION

This volume contains data from hydrographic stations worked in 1964 by Swedish research vessels. However, the data collected as part of the Cooperative Synoptic Investigation of the Baltic 1964 are not included, as these data have already been published in ICES Oceanographic Data Lists, 1964, Vol. 4.

In the present data lists the stations are recorded in chronological order for each ship. The data lists are preceded by a number of track charts in which the stations have been plotted. Also the track charts are arranged chronologically for each ship.

For each ship the data lists have been split up in two sections: the first of them records temperature, salinity, oxygen content, and meteorological data, whereas the second section records the chemical observations available, as indicated by the code figures in the column headed "Extra info." of the first section.

The following information applies to the figures recorded in the lists.

Country. Code number according to the IGY code. Code number 77 stands for Sweden.

Ship. Number of the vessel of the country in question according to a national code. In this volume the following numbers from the Swedish ship code occur:-

11 "Skagerak"

13 "Thetis"

Both ships are operated by the Fishery Board of Sweden (Göteborg).

Station number. The number of the station for the year and the ship in question. For both ships there are some gaps in the series of numbers. "Skagerak" st.nos. 144-230 and "Thetis" st.nos. 94-232 are omitted because they, as part of the Cooperative Synoptic Investigation of the Baltic 1964, have already been published, as explained above.

Station time. Starting time (to the nearest hour) of the hydrographic station in GMT.

Weather. The following code is used:

- 0 - Clear (no cloud at any level)
- 1 - Partly cloudy (scattered or broken)
- 2 - Continuous layer(s) of cloud(s)
- 3 - Sandstorm, duststorm or storm of drifting snow
- 4 - Fog, thick dust or haze
- 5 - Drizzle
- 6 - Rain
- 7 - Snow, or rain and snow mixed
- 8 - Shower(s)
- 9 - Not observed

Cloud amount. The fraction of the celestial dome covered by cloud, given in eights:

- 0 - No clouds
- 1 - 1/8 or less, but not zero
- 2 - 2/8
- 3 - 3/8
- 4 - 4/8
- 5 - 5/8
- 6 - 6/8
- 7 - 7/8 or more, but not 8/8
- 8 - 8/8
- 9 - Not observed

State of sea. The following code is used:

Code figure	Descriptive term	Height ^{*)}	
		in metres	in feet (appr.)
0	Calm (glassy)	0	0
1	Calm (rippled)	0 - 0.1	0 - 1/3
2	Smooth (wavelets)	0.1 - 0.5	1/3 - 1 2/3
3	Slight	0.5 - 1.25	1 2/3 - 4
4	Moderate	1.25 - 2.5	4 - 8
5	Rough	2.5 - 4	8 - 13
6	Very rough	4 - 6	13 - 20
7	High	6 - 9	20 - 30
8	Very high	9 - 14	30 - 45
9	Not observed		

*) The average wave height as obtained from the larger well-formed waves of the wave system being observed.

Ice. The figures indicate occurrence of ice in the vicinity of the oceanographic station according to the following code:

- 0 - No ice
- 1 - Ice present in vicinity, but not identified as to type or amount (sighted visually or by radar)
- 2 - Few bergs (10 or less)
- 3 - Many bergs (more than 10)
- 4 - Very open or open pack ice (6/10 coverage or less) more than 1 naut. mile distant from the hydrographic or BT observation
- 5 - Close or very close pack ice (more than 6/10 coverage) more than 1 naut. mile distant from the hydrographic or BT observation
- 6 - Very open or open pack ice (6/10 coverage or less), hydrographic or BT observation within ice pack or less than 1 naut. mile away
- 7 - Close or very close pack ice (more than 6/10 coverage), hydrographic or BT observation within ice pack or less than 1 naut. mile away
- 8 - Hydrographic or BT observation actually within very heavy concentration of pack ice, polar pack, fast ice, etc. (observations made from "ice islands", drifting pack, beset vessels, fast ice, or other similar cases)
- 9 - No observation of ice made (possibly due to limited visibility, or because ice observations not a part of the programme or for other reasons)

Depth to bottom. Corrected depth to bottom, in metres, determined while on station.

Temperature. Dry bulb. Reading of the dry bulb thermometer.

Wind direction. The true direction, in tens of degrees, from which the wind is blowing:

Code figure		Code figure	
00	Calm	19	185° - 194°
01	5° - 14°	20	195° - 204°
02	15° - 24°	21	205° - 214°
03	25° - 34°	22	215° - 224°
04	35° - 44°	23	225° - 234°
05	45° - 54°	24	235° - 244°
06	55° - 64°	25	245° - 254°
07	65° - 74°	26	255° - 264°
08	75° - 84°	27	265° - 274°
09	85° - 94°	28	275° - 284°

10	95° - 104°	29	285° - 294°
11	105° - 114°	30	295° - 304°
12	115° - 124°	31	305° - 314°
13	125° - 134°	32	315° - 324°
14	135° - 144°	33	325° - 334°
15	145° - 154°	34	335° - 344°
16	155° - 164°	35	345° - 354°
17	165° - 174°	36	355° - 4°
18	175° - 184°	99	Variable

Mixed layer depth. The thickness, in metres, of the mixed layer, determined by means of a BT trace or other equivalent source. The layer is considered mixed (=isothermal, in this case), if the approximate vertical temperature gradient is less than 0.1°C in any 15 metres and less than 0.6°C in any 200 metres with the upper 2 metres excluded. If the BT observation shows that the mixed layer extends to the bottom of the trace the depth of the trace followed by a + sign is entered for mixed layer depth.

Observation time. The nearest hour (in GMT) for the observation.

Oxygen content is recorded in two ways. In the temperature and salinity sections it is given in ml per litre of water, whereas in the chemical data sections it has been converted to micromols per dm³.

Salinity method. Indication of the method used for determination of salinity, according to the following code:

- 1 - Titration by routine Mohr-Knudsen method
- 2 - Titration by special precision method
- 3 - Conductivity measurement by instrument designed to give the salinity permille with a standard deviation of 0.01 or less
- 4 - Conductivity measurement by instrument designed to give the salinity permille with a standard deviation greater than 0.01
- 5 - Refraction index measurement
- 6 - Direct density measurement

Extra information. By code figures in this column is indicated whether or not additional information of physical and chemical nature was collected at the station. The following code is used:

Code
figure

- 0 - No further information
- 1 - Further information other than chemical

- 2 - Further information plus chemical results
- 3 - Chemical results only, not covered by 4-9
- 4 - Phosphate
- 5 - Phosphate and silicate only
- 6 - Phosphate and nitrate and/or nitrite only
- 7 - Phosphate, silicate and nitrate and/or nitrite only
- 8 - Total phosphorus only
- 9 - Total phosphorus and silicate only

This additional information is recorded in the chemistry sections.

Chlorosity is defined as chlorinity multiplied by the density at 20°C.

It has been computed from the salinity values and is given in grams per dm^3 at 20°C.

Phosphate content is given as microgram-atoms phosphate phosphorus per dm^3 of water at 20°C.

Nitrate content is given as microgram-atoms nitrate nitrogen per dm^3 of water at 20°C.

Nitrite content is given as microgram-atoms nitrite nitrogen per dm^3 of water at 20°C.

Ammonium content is given as microgram-atoms ammonium nitrogen per dm^3 of water at 20°C.

pH indicates the hydrogen-ion concentration in situ.

Alkalinity is given in microval per dm^3 of water at 20°C.

Card code. In the temperature and salinity sections this indicates whether temperature and salinity are observed or interpolated. The following code is used:

- 03 - Temperature and salinity observed
- 83 - Temperature interpolated, salinity observed
- 93 - Temperature observed, salinity interpolated
- 13 - Temperature and salinity interpolated

In the chemistry sections the following code is used:

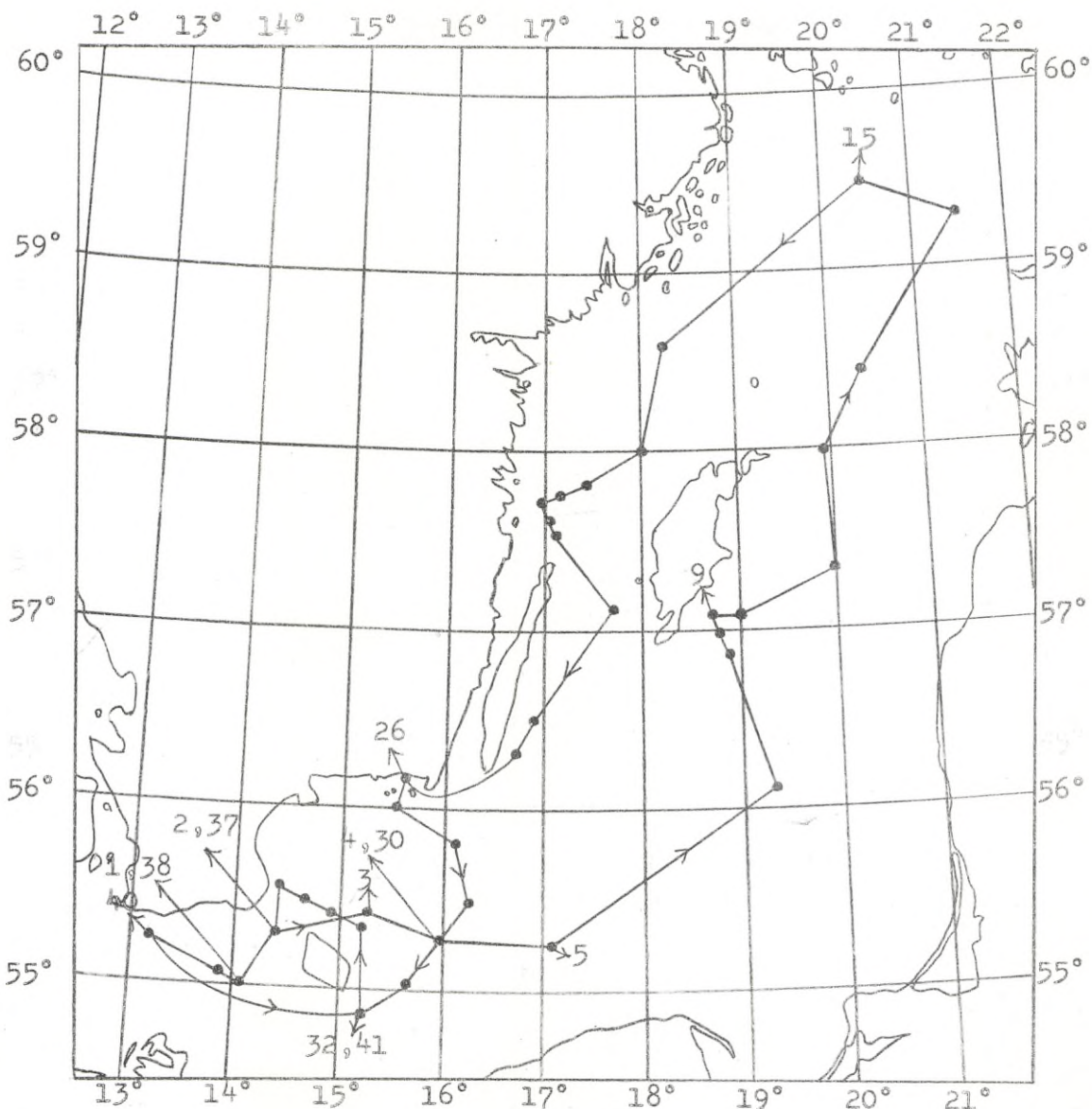
- 06 - Chemical data observed
- 16 - Chemical data interpolated

The arrows in the heading indicate the position of the decimal points.

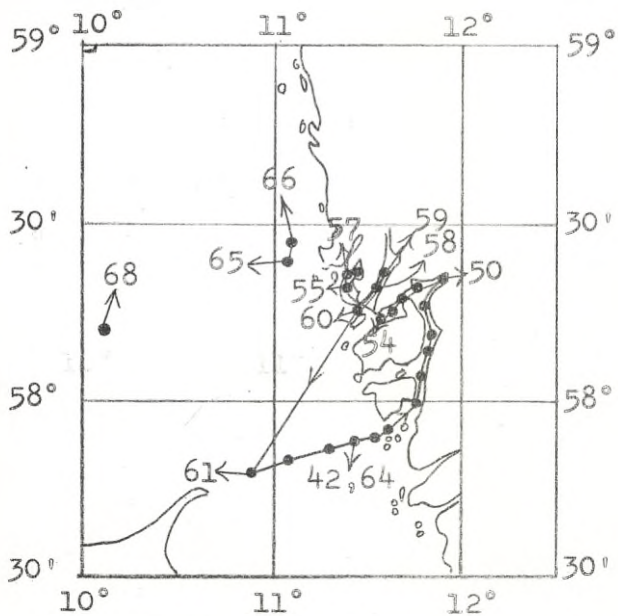
The suffix Q at a figure indicates that the figure is questionable.

For further information on the system used reference is made to the ICES punch card manual ("ICES Oceanographic Punch Cards", 2nd edition).

VIII
"Skagerak".

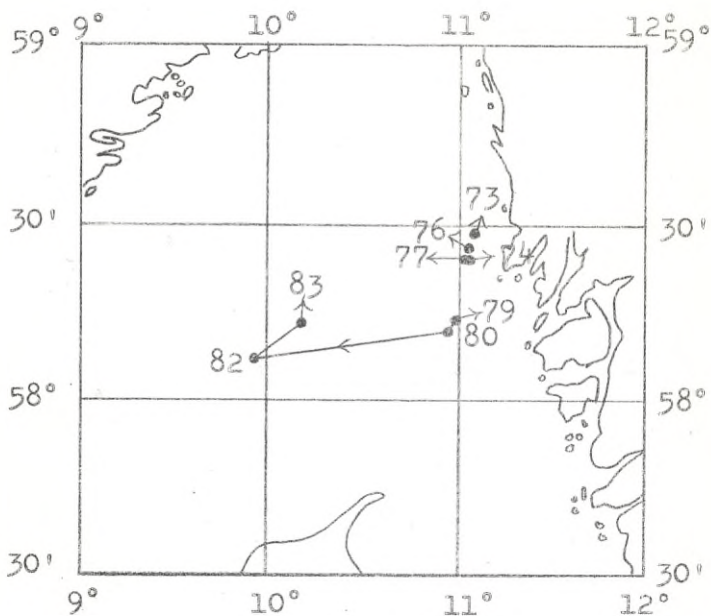


Stat. Nos. 1-41. Period: 8-21/1. Pages 3-15, 119-137.



Stat. Nos. 42-64. Period: 3-7/2.
Pages 15-21, 137-146.

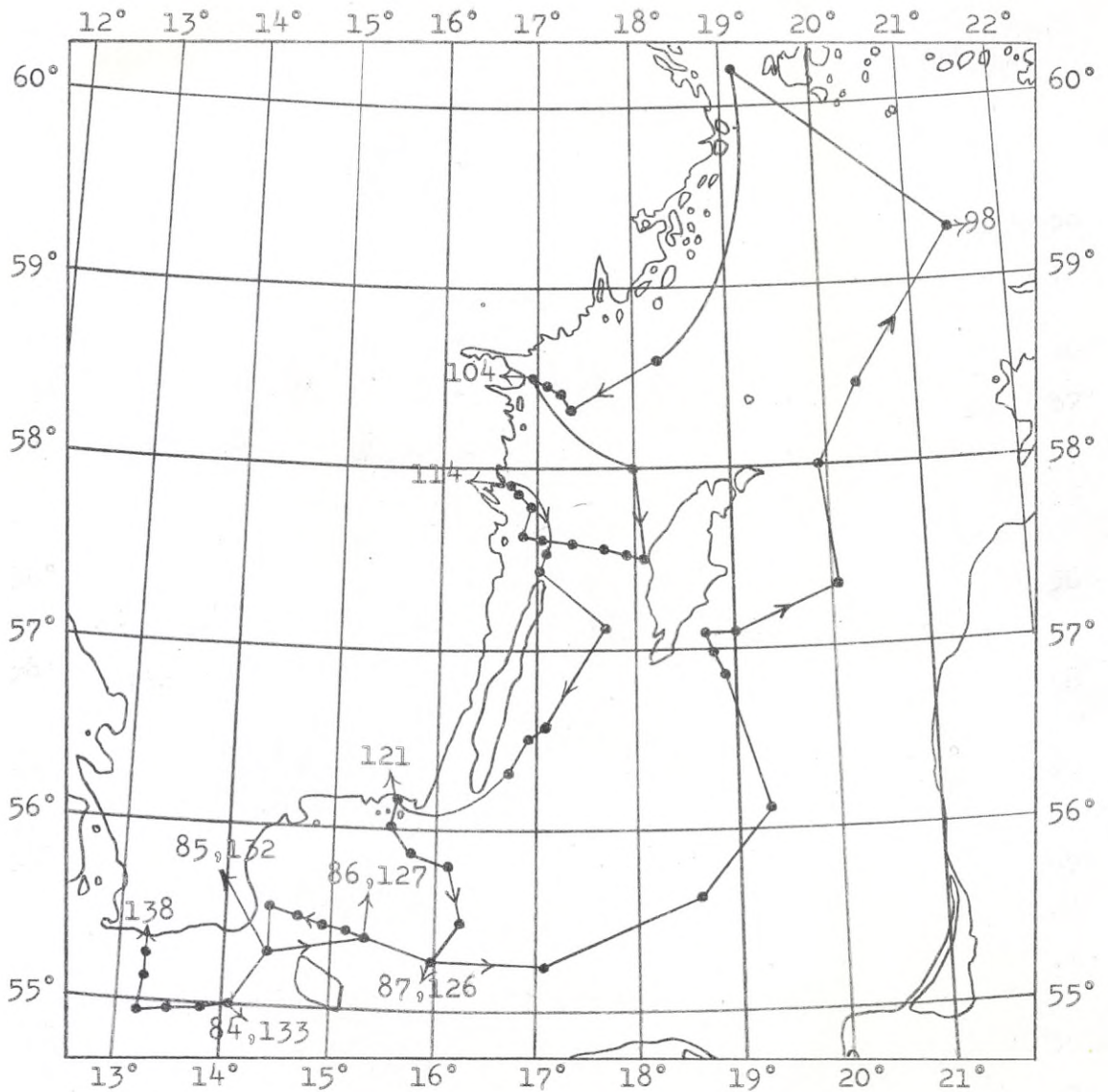
Stat. Nos. 65-66, 68. Period: 12-19/2.
Pages 21-22.



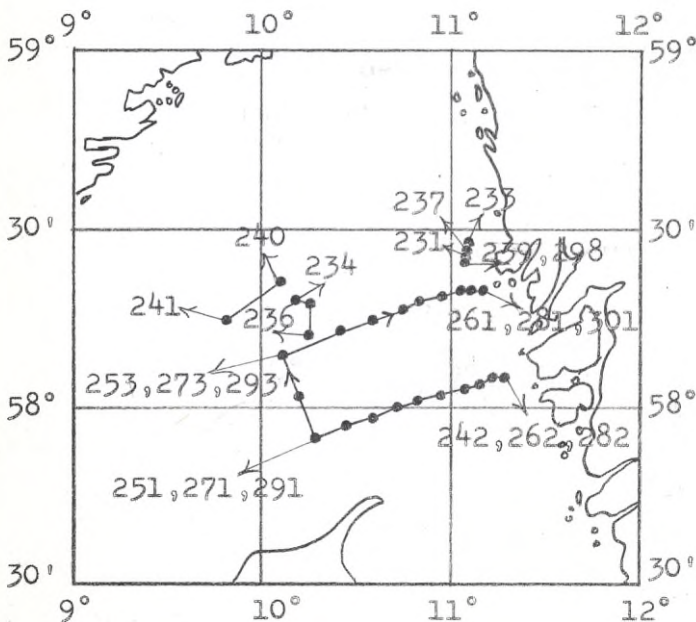
Stat. Nos. 73-76. Period: 24-27/2.
" " 77-83. " 1-8/4.

Pages 22-24.

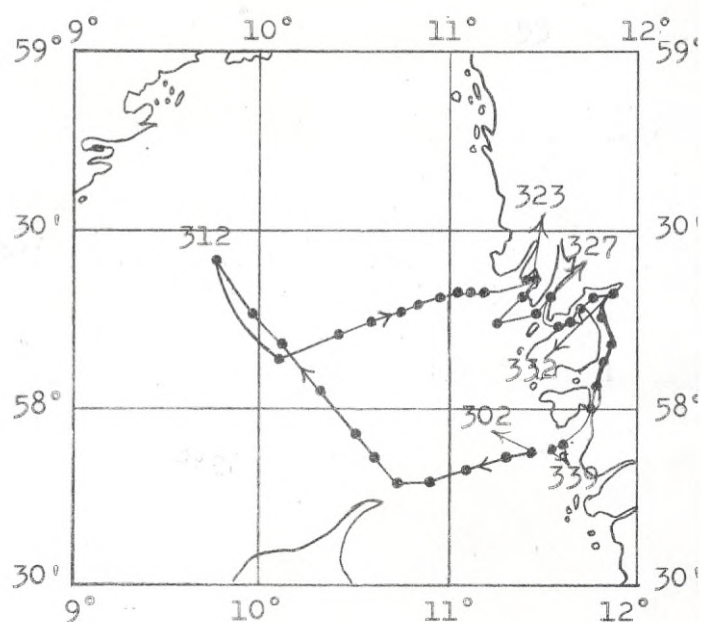
IX
"Skagerak".



Stat. Nos. 84-138. Period: 14-24/4. Pages 24-40, 146-171.

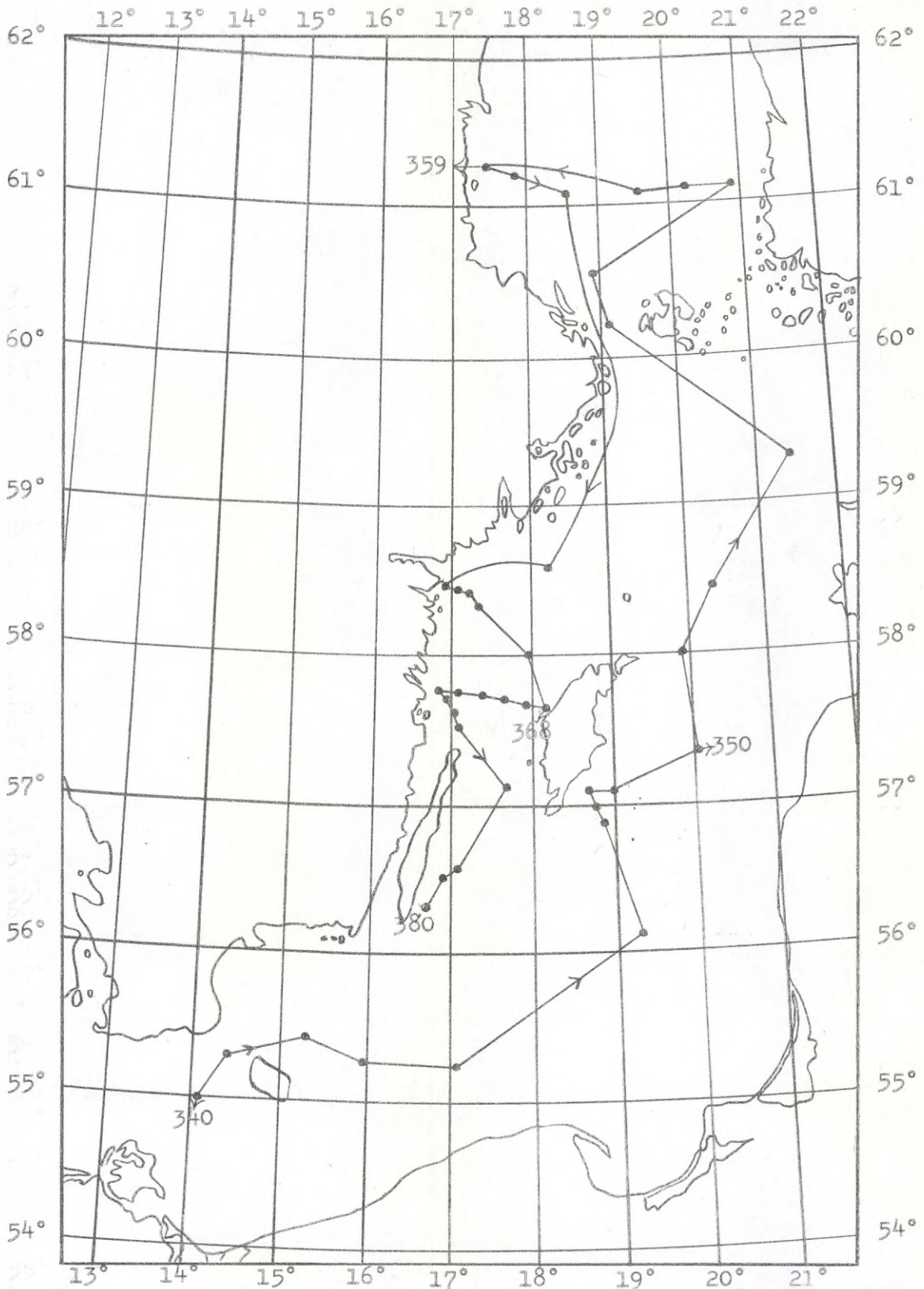


Stat. Nos. 231-241. Period: 26/8-10/9.
Pages 40-44.
Stat. Nos. 242-301. Period: 5-9/10.
Pages 44-65.



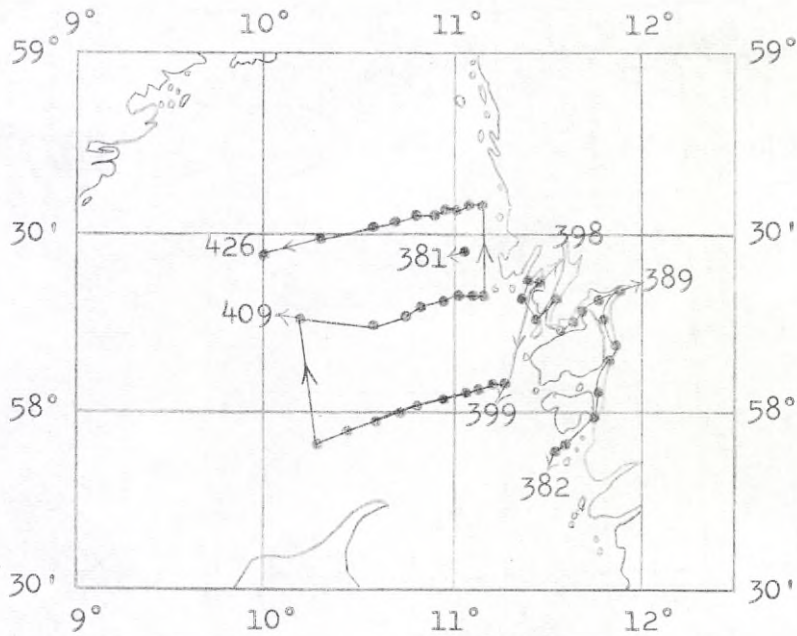
Station Nos. 302-339.
Period: 12-15/10.
Pages 65-77, 171-185.

"Skagerak".

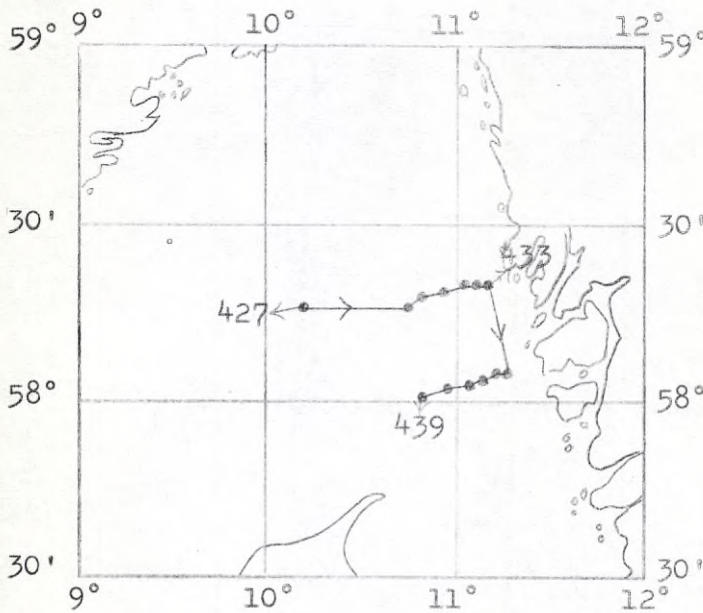


Stat. Nos. 340-380. Period: 3-10/11. Pages 77-90, 186-206.

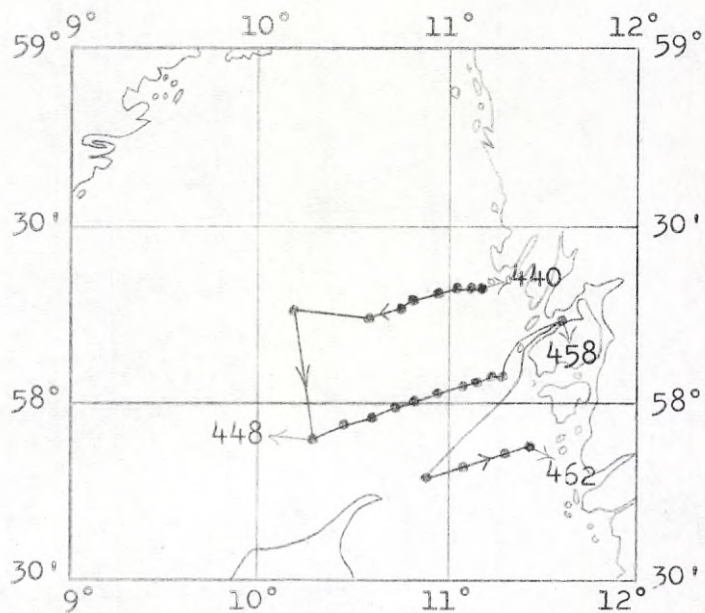
"Skagerak".



Stat. No. 381. Date: 1/12. Page 90.
 Stat. Nos. 382-426. Period: 8-11/12.
 Pages 90-104, 207-217.

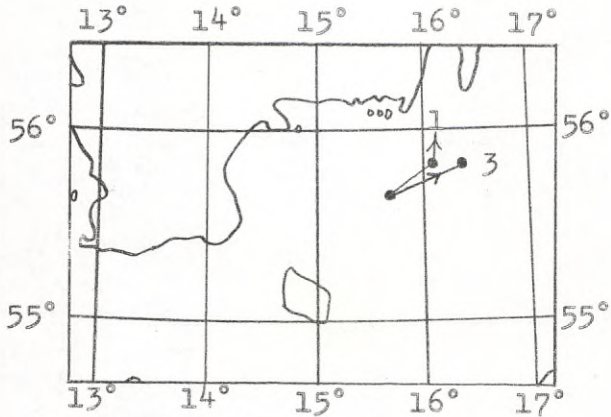


Stat. Nos. 427-439. Period: 11-12/12.
 Pages 104-108.

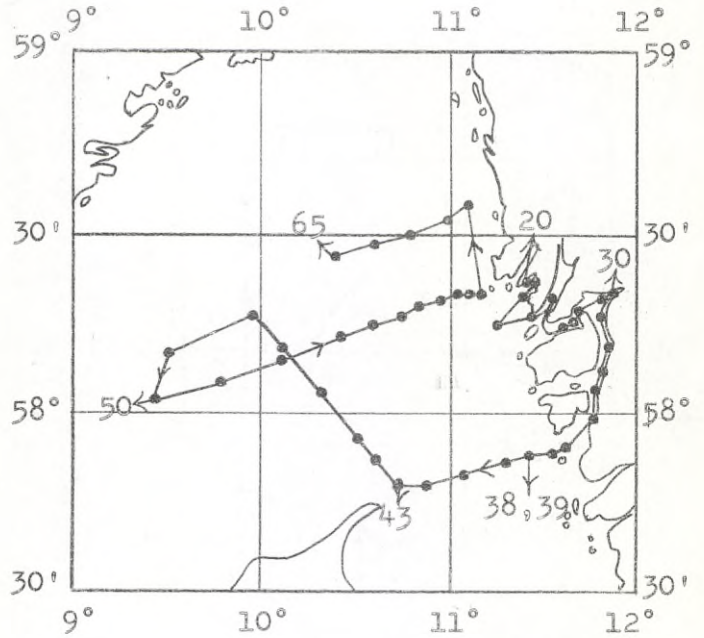


Stat. Nos. 440-462. Period: 14-15/12
 Pages 108-116, 217-218.

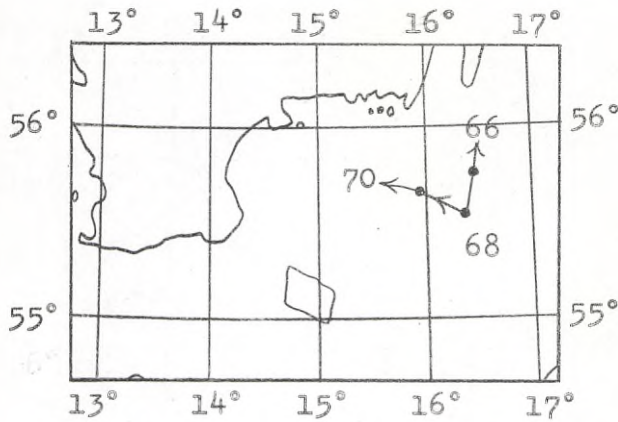
"Thetis".



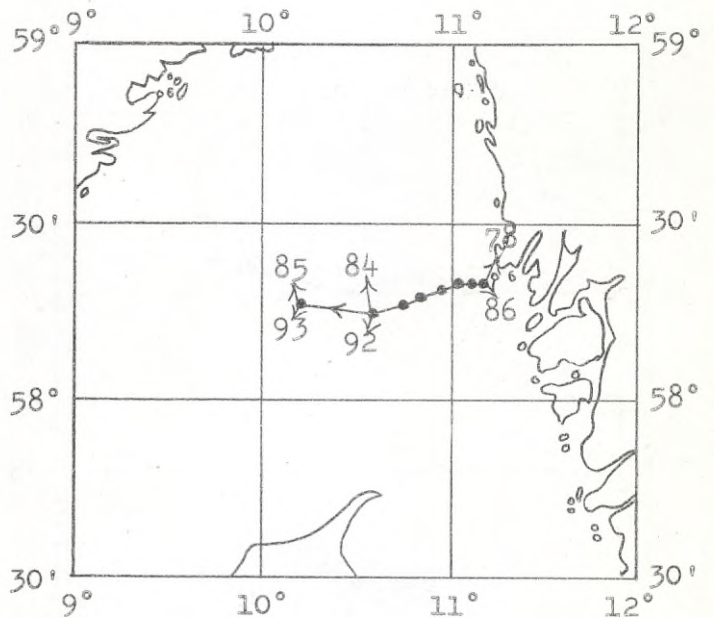
Stat. Nos. 1-3.
 Period: 3=10/2.
 Page 221.



Stat. Nos. 20-65. Period: 12-18/3.
 Pages 221-236, 263-275.

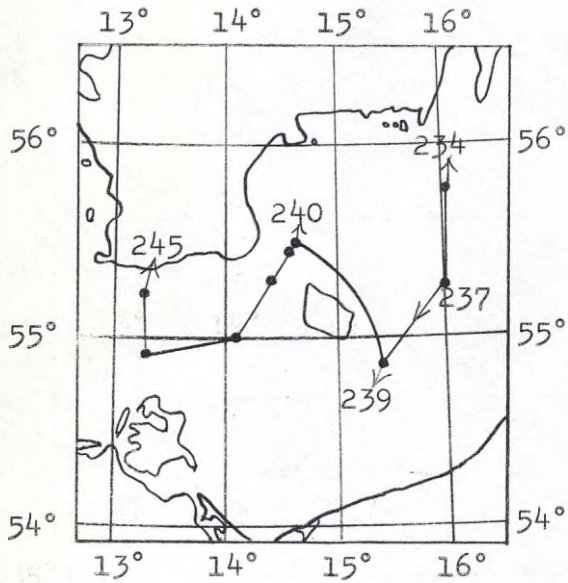


Stat. Nos. 66-70.
 Period: 2=8/4.
 Pages 236-237.

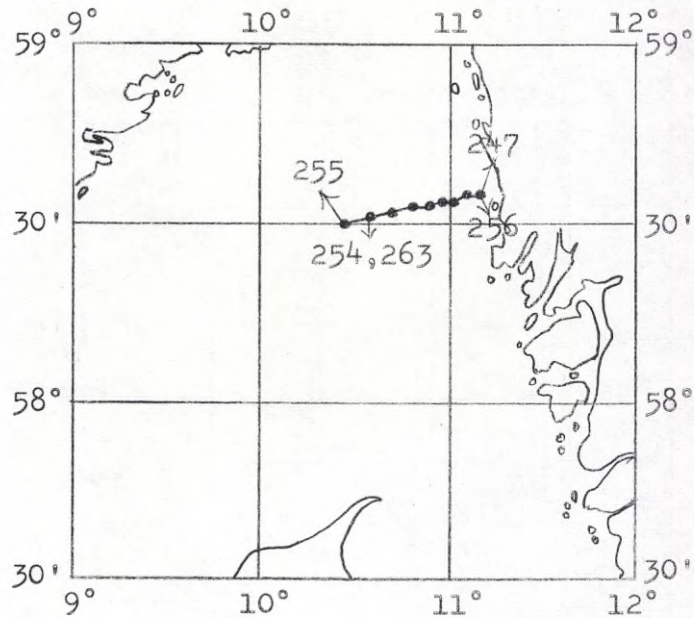


Stat. Nos. 78-85. Date 23/6.
 Pages 237-239, 275-280.
 Stat. Nos. 86-93. Date 25/6.
 Pages 240-242.

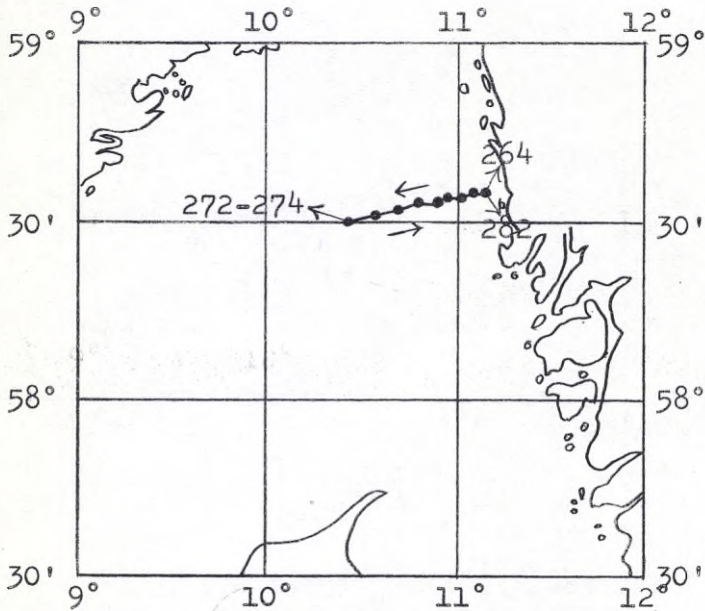
"Thetis".



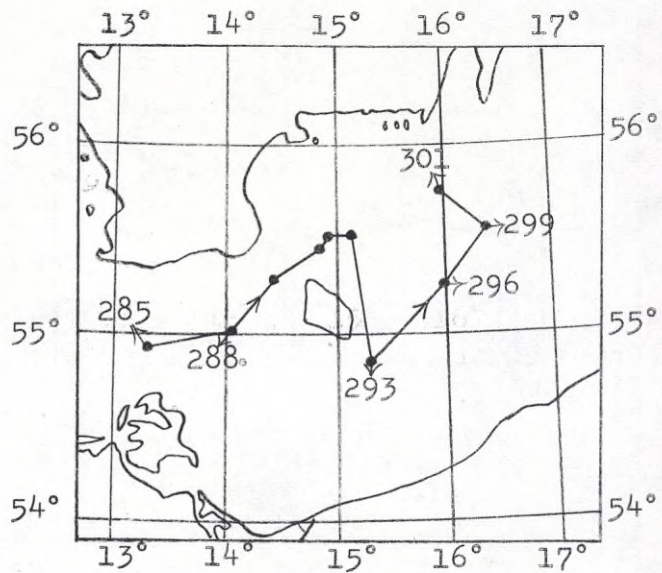
Stat. Nos. 234-245.
 Period: 7-10/9.
 Pages 242-245.



Stat. Nos. 247-263. Period: 6-7/10.
 Pages 245-250.



Stat. Nos. 264-282. Period: 8-9/10.
 Pages 250-257.



Stat. Nos. 285-301. Period: 5-12/11.
 Pages 257-259.

"Skagerak"

Temperature and Salinity

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			o	'		o	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m		Temperature °C ↓			Salinity ‰ ↓		σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code	
77	11	0001 0048	55	00 01	0	14	05	64	01 05	08	17 032	2	8	1	9
	17	0000	03	07		07	96			08	58	1	3	03	
	17	0005	03	07		07	96					1	3	03	
	17	0010	03	03		08	05			08	61	1	3	03	
	17	0015	03	03		08	34					1	3	03	
	17	0020	02	99		08	34					1	3	03	
	17	0030	02	97		10	62			08	21	1	3	03	
	17	0040	04	33		16	48			06	74	1	3	03	
	17	0045	04	55		16	57			06	59	1	3	03	
77	11	0002 0041	55	18 02	0	14	24	64	01 05	08	20 023	2	8	1	9
	20	0000	03	23		07	50			08	43	1	3	03	
	20	0005	03	25		07	48					1	3	03	
	20	0010	03	30		07	52			08	61	1	3	03	
	20	0015	03	23		07	54					1	3	03	
	20	0020	03	22		07	56					1	3	03	
	20	0030	03	67		07	87			08	23	1	3	03	
	20	0040	04	07		09	48			07	92	1	3	03	
77	11	0003 0090	55	24 02	0	15	17	64	01 09	08	23 009	0	0	1	9
	23	0000	02	82		07	32			08	66	1	3	03	
	23	0005	02	82		07	31					1	3	03	
	23	0010	02	92		07	32			08	76	1	3	03	
	23	0015	03	03		07	34					1	3	03	
	23	0020	03	23		07	47					1	3	03	
	23	0030	03	42		07	53			08	54	1	3	03	
	23	0040	03	76		07	68					1	3	03	
	23	0050	04	92		08	82			06	62	1	3	03	
	23	0060	07	61		13	60					1	3	03	
	23	0070	08	32		15	34			04	33Q	1	3	03	
	23	0080	08	94		17	50			01	70	1	3	03	
77	11	0004 0091	55	15 02	0	15	59	64	01 11	09	02 027	2	8	1	9
	02	0000	02	93		07	29			08	57	1	3	03	
	02	0005	02	82		07	35					1	3	03	
	02	0010	02	84		07	31			08	63	1	3	03	
	02	0015	02	83		07	31					1	3	03	
	02	0020	02	82		07	34			08	62	1	3	03	
	02	0030	03	07		07	34			08	58	1	3	03	
	02	0040	03	28		07	42					1	3	03	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0004

02 0050	05 98			09 61				06 63				1 3 03			
02 0060	07 78			14 01				05 47				1 3 03			
02 0070	08 31			16 17				03 08				1 3 03			
02 0080	08 61			16 79				02 95				1 3 03			
02 0087	08 77			17 19				02 48				1 3 03			

77 11 0005	55 13	0		17 04			64 01	09 06			2 8 2 9				
0091	05						11 12	034							

06 0000	03 63			07 57				08 36				1 3 03			
06 0005	03 60			07 61								1 3 03			
06 0010	03 60			07 61				08 47				1 3 03			
06 0015	03 58			07 61								1 3 03			
06 0020	03 61			07 61								1 3 03			
06 0030	03 76			07 61				08 39				1 3 03			
06 0040	03 92			07 65								1 3 03			
06 0050	03 96			07 70				08 39				1 3 03			
06 0060	04 65			09 96								1 3 03			
06 0070	07 00			12 31				04 97				1 3 03			
06 0080	07 88			14 40				03 45Q				1 3 03			

77 11 0006	56 07	0		19 19			64 01	09 15			2 8 3 9				
0120	01						18 12	055							

16 0000	03 71			07 42				08 43				1 3 03			
16 0005	03 68			07 37								1 3 03			
16 0010	03 71			07 37				08 41				1 3 03			
16 0015	03 71			07 41								1 3 03			
16 0020	03 71			07 41								1 3 03			
16 0030	03 71			07 48				08 49				1 3 03			
16 0040	03 73			07 37								1 3 03			
16 0050	03 71			07 39				08 30				1 3 03			
15 0060	04 18			07 37								1 3 03			
15 0070	03 93			09 07				03 88				1 3 03			
15 0080	04 15			10 33								1 3 03			
15 0090	04 69			11 01								1 3 03			
15 0100	05 49			11 92				02 02				1 3 03			
15 0110	05 73			12 15				03 04				1 3 03			

77 11 0007	56 51	0		18 52			64 01	09 21			2 8 2 9				
0130	02						20 12	023							

21 0000	02 62			07 20								1 3 03			
21 0005	02 62			07 23								1 3 03			
21 0010	02 63			07 20								1 3 03			
21 0015	02 60			07 28								1 3 03			

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	'	''	0	'	''								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb			-Wind Dir. Speed kn.		Mixed layer depth m					
		Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. ‰ ↓	Salin. method	Extra info.	Card code			

77 11 0007

21 0020	02 68	07 35									1 3 03
21 0030	02 63	07 35									1 3 03
21 0040	02 90	07 40									1 3 03
21 0050	02 81	08 25						05 85			1 3 03
21 0060	03 04	08 79									1 3 03
21 0070	03 63	09 42						02 87			1 3 03
21 0080	04 03	09 87						01 88			1 3 03
21 0090	04 46	10 29						01 29			1 3 03
21 0100	04 79	10 85						00 76			1 3 03
21 0120	05 21	11 71						00 17			1 3 03

77 11 0008	56 59	0	18 47	64 01	09	23	2 8 2 9
0075	02			20 12		036	

23 0000	02 57	07 22				08 63	1 3 03
23 0005	02 57	07 22					1 3 03
23 0010	02 53	07 22				08 66	1 3 03
23 0015	02 54	07 29					1 3 03
23 0020	02 54	07 26					1 3 03
23 0030	02 56	07 25				08 63	1 3 03
23 0040	02 73	07 61					1 3 03
23 0050	02 88	07 89				06 74	1 3 03
23 0060	03 28	08 90					1 3 03
23 0070	03 38	09 01				03 69	1 3 03

77 11 0009	57 05	0	18 42	64 01	09	24	2 8 2 9
0035	02			23 12		035	

24 0000	02 54	07 35				08 60	1 3 03
24 0005	02 51	07 35					1 3 03
24 0010	02 48	07 33				08 65	1 3 03
24 0015	02 52	07 34					1 3 03
24 0020	02 63	07 28				08 55	1 3 03
24 0030	02 78	07 38				08 18	1 3 03

77 11 0010	57 05	0	19 00	64 01	10	01	2 8 2 9
0122	02			23 12		038	

01 0000	02 98	07 26					1 3 03
01 0005	02 98	07 26					1 3 03
01 0010	02 98	07 25				08 71	1 3 03
01 0015	02 97	07 26					1 3 03
01 0020	02 99	07 26					1 3 03
01 0030	03 05	07 26				08 53	1 3 03
01 0040	03 33	07 30					1 3 03
01 0050	02 97	08 24				05 98	1 3 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0.N+E	1.N+W	2.S+E	3.S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0010

01	0060	03	41		09	02						1	3	03
01	0070	03	86		09	52			01	97		1	3	03
01	0080	04	24		09	97						1	3	03
01	0090	04	50		10	40						1	3	03
01	0100	04	77		10	83			00	67		1	3	03
01	0110	04	98		11	29			00	67		1	3	03

77	11	0011	57	20	0	19	59	64	01	10	06	2	8	2	9
		0240	01					32	10		026				

06	0000	03	64		07	37				08	46	1	3	03
06	0005	03	61		07	37						1	3	03
06	0010	03	59		07	37			08	44		1	3	03
06	0015	03	63		07	37						1	3	03
06	0020	03	65		07	37			08	41		1	3	03
06	0030	03	78		07	37			08	38		1	3	03
06	0040	03	72		07	42			08	42		1	3	03
06	0050	03	87		07	43			08	34		1	3	03
06	0060	02	82		08	08			06	74		1	3	03
06	0070	03	62		09	35			03	14		1	3	03
06	0080	04	08		10	05			01	80		1	3	03
06	0090	04	30		10	50			01	55		1	3	03
06	0100	04	53		10	82			01	15		1	3	03
06	0125	04	99		11	72			00	70		1	3	03
06	0150	05	38		12	15			00	12		1	3	03
06	0175	05	51		12	50						1	3	03
06	0200	05	53		12	67						1	3	03
06	0225	05	61		12	75			00	18		1	3	03

77	11	0012	58	00	0	19	54	64	01	10	11	2	8	2	9
		0200	02	5				32	12		023				

12	0000	03	64		07	35				08	41	1	3	03
12	0005				07	32				08	45	1	3	03
12	0010	03	60		07	32				08	50	1	3	03
12	0015	03	60		07	43						1	3	03
12	0020	03	62		07	30			08	43		1	3	03
12	0030	03	75		07	35			08	37		1	3	03
12	0040	03	80		07	36			08	33		1	3	03
12	0050	04	08		07	40			08	33		1	3	03
12	0060	04	20		07	41			08	26		1	3	03
11	0070	03	19		08	52			05	34		1	3	03
11	0080	03	90		09	62			02	24		1	3	03
11	0090	04	38		10	27			01	32		1	3	03
11	0100	04	57		10	95			01	27		1	3	03
11	0125	04	81		11	48			01	05		1	3	03
11	0150	05	28		11	87			00	12		1	3	03

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice		
			0:N+E 1:N+W 2:S+E 3:S+W												
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m						
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	Oxygen ml/l ↓		Saturat. % ↓	Salin. method	Extra info.	Card code				
77	11	0012													
	11	0190	05	39	11	98					1	3	03		
77	11	0013	58	27	0	20	20	64	01	10	15	2	8	2	9
		0125	02					25	10		017				
	15	0000	03	20		06	96			08	62	1	3	03	
	15	0005	03	19		06	96					1	3	03	
	15	0010	03	17		07	00			08	63	1	3	03	
	15	0015	03	18		07	01					1	3	03	
	15	0020	03	40		07	04					1	3	03	
	15	0030	04	17		07	20			08	28	1	3	03	
	15	0040	03	89		07	27					1	3	03	
	15	0050	04	01		07	33			08	32	1	3	03	
	15	0060	04	09		07	33					1	3	03	
	15	0070	03	29		08	37			05	08	1	3	03	
	15	0080	04	00		09	51					1	3	03	
	15	0090	04	47		10	20					1	3	03	
	15	0100	04	66		10	50			00	65	1	3	03	
	15	0120	04	84		10	80			00	40	1	3	03	
77	11	0014	59	18	0	21	28	64	01	10	21	0	0	2	9
		0105	02					29	12		045				
	22	0000	03	75		07	08			08	42	1	3	03	
	22	0005	03	72		07	07					1	3	03	
	22	0010	03	73		07	07			08	44	1	3	03	
	22	0015	03	73		07	08					1	3	03	
	22	0020	03	73		07	08					1	3	03	
	22	0030	03	76		07	08			08	39	1	3	03	
	22	0040	03	84		07	10					1	3	03	
	22	0050	04	10		07	15			08	25	1	3	03	
	21	0060	04	22		07	33					1	3	03	
	21	0070	04	30		07	35			07	73	1	3	03	
	21	0080	04	41		07	85			05	29	1	3	03	
	21	0090	04	22		08	43			03	71	1	3	03	
	21	0100	04	44		09	87			00	94	1	3	03	
77	11	0015	59	30	0	20	25	64	01	11	03	0	0	2	9
		0122	00					27	18		033				
	03	0000	02	21		06	62			08	88	1	3	03	
	03	0005	02	18		06	58					1	3	03	
	03	0010	02	21		06	61			08	90	1	3	03	
	03	0015	02	27		06	57					1	3	03	
	03	0020	02	30		06	58					1	3	03	
	03	0030	02	38		06	61			08	77	1	3	03	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind Dir. Speed kn.		Mixed layer depth m					
		Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t		ml/l	Oxygen Saturat. ‰	Salin. method	Extra info.	Card code

77 11 0015

03 0040	03 63	07 21										1 3 03
03 0050	04 12	07 66							06 67			1 3 03
03 0060	04 12	07 86							06 04Q			1 3 03
03 0070	04 08	08 18							05 15			1 3 03
03 0080	04 07	08 31							04 69			1 3 03
03 0090	03 98	08 54							04 27			1 3 03
03 0115	04 01	09 18							02 38			1 3 03

77 11 0016	58 35	0	18 14	64 01	13	09	0 0 3 9
0450	-01			29 16		035	

10 0000	02 39	06 95				08 81	1 3 03
10 0005	02 41	07 02					1 3 03
10 0010	02 41	07 01				08 75	1 3 03
10 0015	02 42	06 99					1 3 03
10 0020	02 40	06 99					1 3 03
10 0030	02 44	07 01				08 75	1 3 03
10 0040	02 42	07 02					1 3 03
10 0050	03 51	08 18				05 28	1 3 03
10 0060	03 56	08 64					1 3 03
10 0070	03 94	09 31				01 92	1 3 03
09 0085	03 93	09 47					1 3 03
09 0094	04 17	09 78				01 11	1 3 03
09 0117	04 52	10 26					1 3 03
09 0141	04 77	10 53				00 27	1 3 03
09 0188	04 79	10 70				00 21	1 3 03
09 0282	04 93	10 80				00 21	1 3 03
09 0376	05 01	10 89				00 12	1 3 03
09 0399	05 04	10 88				00 06	1 3 03

77 11 0017	58 00	0	18 00	64 01	13	14	0 0 4 9
0175	00			29 20		042	

14 0000	02 69	07 04				08 70	1 3 03
14 0005	02 70	07 07					1 3 03
14 0010	02 69	07 05				08 59	1 3 03
14 0015	02 70	07 07					1 3 03
14 0020	02 69	07 03					1 3 03
14 0030	02 69	07 05				08 67	1 3 03
14 0040	02 72	07 05					1 3 03
14 0050	02 99	07 43				07 45	1 3 03
14 0060	03 13	08 07					1 3 03
14 0070	03 61	09 17				02 35	1 3 03
14 0080	03 95	09 47					1 3 03
14 0090	04 34	09 97					1 3 03
14 0100	04 53	10 20				00 29	1 3 03
14 0125	04 63	10 34				00 21	1 3 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice	
			°	'	"	°	'	"									
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb			Wind Dir. Speed kn.		Mixed layer depth m						
		Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓			σ _t ↓		ml / l	Oxygen ↓	Saturat. ‰ ↓	Salin. method	Extra info	Card code

77 11 0017

14 0150 05 72 10 92 00 16 1 3 03

77 11 0018 57 49 0 17 23 64 01 13 17 0 0 4 9
0117 -01 5 34 24 062

17 0000 02 69 07 03 08 52 1 3 03
 17 0005 02 72 07 01 1 3 03
 17 0010 02 70 07 02 08 60 1 3 03
 17 0015 02 71 07 02 1 3 03
 17 0020 02 72 07 01 1 3 03
 17 0030 02 73 07 02 08 59 1 3 03
 17 0040 02 74 07 01 1 3 03
 17 0050 02 79 07 05 08 50 1 3 03
 17 0060 02 81 07 96 1 3 03
 17 0070 03 62 09 15 02 52 1 3 03
 17 0080 04 27 09 92 1 3 03
 17 0090 04 52 10 15 00 49 1 3 03
 17 0100 04 53 10 19 00 33 1 3 03
 17 0110 04 61 10 24 00 37 1 3 03

77 11 0019 57 45 0 17 09 64 01 13 19 0 0 4 9
0086 -02 34 22 031

19 0000 02 23 07 10 08 64 1 3 03
 19 0005 02 23 07 09 1 3 03
 19 0010 02 21 07 09 08 71 1 3 03
 19 0015 02 19 07 09 1 3 03
 19 0020 02 20 07 09 1 3 03
 19 0030 02 23 07 12 08 58 1 3 03
 19 0040 02 43 07 35 1 3 03
 19 0050 02 84 08 07 05 58 1 3 03
 19 0060 03 27 08 62 03 90 1 3 03

77 11 0020 57 42 0 16 58 64 01 13 20 0 0 3 9
0028 -01 34 20 028

20 0000 02 64 07 02 08 62 1 3 03
 20 0005 02 61 07 04 1 3 03
 20 0010 02 66 07 04 08 56 1 3 03
 20 0015 02 68 07 04 1 3 03
 20 0025 02 73 07 04 08 59 1 3 03

77 11 0021 57 37 0 17 02 64 01 13 21 0 0 3 9
0071 -01 34 20 028

21 0000 02 56 07 04 08 68 1 3 03

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0.N+E 1.N+W 2.S+E 3.S+W	o ,									
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb	Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. % ↓	Salin. method	Extra info.	Card code			

77 11 0024

06 0020	02 26	07 23						1 3 03
06 0030	02 30	07 21				08 79		1 3 03
06 0040	03 31	07 47						1 3 03
06 0050	02 95	07 96				05 98		1 3 03
06 0060	03 52	08 96				02 68		1 3 03

77 11 0025	56 19	0	16 41	64 01	14	08	0 0 3 9
0033	-04			32 20		033	

08 0000	02 15	07 30				08 67	1 3 03
08 0005	02 24	07 30					1 3 03
08 0010	02 18	07 31				08 72	1 3 03
08 0015	02 24	07 31					1 3 03
08 0020	02 27	07 30				08 71	1 3 03
08 0030	02 35	07 31				08 68	1 3 03

77 11 0026	56 09	0	15 37	64 01	15	07	0 0 0 9
0018	-08			32 06		006	

07 0000	00 99	07 09				08 64	1 3 03
07 0005	01 04	07 09					1 3 03
07 0010	01 55	07 17				08 66	1 3 03
07 0015	03 73	07 67				08 01	1 3 03

77 11 0027	56 00	0	15 32	64 01	15	08	0 0 1 9
0043	-04			32 10		025	

08 0000	02 35	07 41				08 64	1 3 03
08 0005	02 35	07 41					1 3 03
08 0010	02 37	07 40				08 70	1 3 03
08 0015	02 35	07 41					1 3 03
08 0020	02 41	07 42				08 41	1 3 03
08 0030	02 70	07 48					1 3 03
08 0040	04 61	08 50				06 95	1 3 03

77 11 0028	55 48	0	16 07	64 01	15	11	0 0 3 9
0062	-01 5			34 14		027	

11 0000	02 61	07 50				08 75	1 3 03
11 0005	02 67	07 51					1 3 03
11 0010	02 65	07 51				08 47	1 3 03
11 0015	02 66	07 52					1 3 03
11 0020	02 70	07 52					1 3 03
11 0030	03 57	07 65				08 41	1 3 03
11 0040	04 29	07 83					1 3 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
			↓		↓		↓	↓	↓	↓	↓					

77 11 0028

11 0050	06 68			11 63						05 30		1 3 03				
11 0060	07 80			14 30						03 76		1 3 03				

77 11 0029	55 29	0		16 14			64 01			15 14		1 4 4 9				
0077	01						34 16			029						

14 0000	03 05			07 53						09 35		1 3 03				
14 0005	03 07			07 53								1 3 03				
14 0010	03 04			07 53						07 87		1 3 03				
14 0015	03 08			07 52								1 3 03				
14 0020	03 04			07 53								1 3 03				
14 0030	03 21			07 59						08 59		1 3 03				
14 0040	04 26			07 77								1 3 03				
14 0050	04 42			09 12						05 00		1 3 03				
14 0060	08 10			13 74						04 57		1 3 03				
14 0070	08 41			15 80						03 96		1 3 03				

77 11 0030	55 15	0		15 58			64 01			15 16		2 7 4 9				
0091	01						34 16			035						

17 0000	02 83			07 60						08 61		1 3 03				
17 0005	02 82			07 60								1 3 03				
17 0010	02 81			07 60						08 58		1 3 03				
17 0015	02 82			07 65								1 3 03				
17 0020	02 82			07 62								1 3 03				
17 0030	02 85			07 62						08 66		1 3 03				
17 0040				07 66								1 3 03				
16 0050	04 12			08 92						05 41		1 3 03				
16 0060	07 91			13 88						04 08		1 3 03				
16 0070	08 50			15 00						03 55		1 3 03				
16 0080	08 39			16 35						03 25		1 3 03				
16 0085	08 68			17 14						02 15		1 3 03				

77 11 0031	55 01	0		15 40			64 01			15 19		0 0 4 9				
0085	01						34 22			039						

20 0000	03 04			07 66						08 55		1 3 03				
20 0005	03 04			07 66								1 3 03				
20 0010	03 04			07 65						08 55		1 3 03				
20 0015	03 05			07 66								1 3 03				
20 0020	03 06			07 65								1 3 03				
20 0030	03 04			07 66						08 55		1 3 03				
19 0040	03 15			07 68								1 3 03				
19 0050	05 84			10 51						05 88		1 3 03				
19 0060	07 21			13 15								1 3 03				
19 0070	07 98			15 27						04 91		1 3 03				

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W									
		Depth to bottom m	Temperature °C		Temperature °C		Wind		Mixed layer depth m				
			Dry ↓ bulb		Wet ↓ bulb	Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0031

19 0080 08 36 16 34 03 31 1 3 03

77 11 0032 54 50 0 15 13 64 01 15 23 0 0 4 9

0070 00 5 36 22 030

23 0000 02 72 07 73 08 69 1 3 03

23 0005 02 72 07 69 1 3 03

23 0010 02 73 07 70 08 67 1 3 03

23 0015 02 72 07 69 1 3 03

23 0020 02 72 07 70 1 3 03

23 0030 02 73 07 69 08 71 1 3 03

23 0040 03 06 07 75 1 3 03

23 0050 05 06 09 18 07 13 1 3 03

23 0060 07 65 13 15 05 12 1 3 03

77 11 0033 55 20 0 15 13 64 01 16 03 0 0 4 9

0095 -00 5 36 24 028

03 0000 02 56 07 48 08 71 1 3 03

03 0005 02 56 07 47 1 3 03

03 0010 02 56 07 47 08 71 1 3 03

03 0015 02 55 07 47 1 3 03

03 0020 02 59 07 47 1 3 03

03 0030 02 76 07 50 08 61 1 3 03

03 0040 03 72 07 70 1 3 03

03 0050 05 36 09 14 06 30 1 3 03

03 0060 05 71 13 35 1 3 03

03 0070 06 17 15 21 05 36 1 3 03

03 0080 16 04 05 78 1 3 03

03 0090 08 54 17 36 02 00 1 3 03

77 11 0034 55 24 0 14 55 64 01 16 05 0 0 4 9

0049 -01 02 20 038

05 0000 02 74 07 56 08 63 1 3 03

05 0005 02 72 07 55 1 3 03

05 0010 02 75 07 55 08 63 1 3 03

05 0020 02 72 07 55 1 3 03

05 0030 02 84 07 55 08 63 1 3 03

05 0040 03 43 07 75 08 43 1 3 03

05 0045 05 10 09 52 07 21 1 3 03

77 11 0035 55 28 0 14 41 64 01 16 07 1 1 4 9

0070 -01 02 16 020

07 0000 02 69 07 58 08 64 1 3 03

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	,									
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.		Mixed layer depth m				
	Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. % ↓	Salin. method	Extra info.	Card code		

77 11 0035

07 0005	02 67		07 56					1 3 03
07 0010	02 67		07 57			08 65		1 3 03
07 0015	02 67		07 54					1 3 03
07 0025	02 51		07 81					1 3 03
07 0035	03 35		08 08			08 51		1 3 03
07 0045	04 00		11 54					1 3 03
07 0055	04 18		14 16			07 31		1 3 03
07 0065	04 49		15 50			06 96		1 3 03

77 11 0036	55 32	0	14 26	64 01	16	08	1 3 3 9
0040	-01			36 10		033	

08 0000	02 49		07 55			08 61	1 3 03
08 0005	02 48		07 54				1 3 03
08 0010	02 49		07 54			08 72	1 3 03
08 0015	02 59		07 57				1 3 03
08 0020	02 63		07 61				1 3 03
08 0030	02 63		07 61			08 80	1 3 03

77 11 0037	55 17	0	14 24	64 01	16	18	0 0 2 9
0043	00			36 08		030	

18 0000	02 67		07 68			08 79	1 3 03
18 0005	02 63		07 68				1 3 03
18 0010	02 64		07 68			08 80	1 3 03
18 0015	02 59		07 69				1 3 03
18 0020	02 58		07 76				1 3 03
18 0030	02 44		07 85			08 58	1 3 03
18 0040	03 56		08 75			08 10	1 3 03

77 11 0038	55 00	0	14 05	64 01	16	21	0 0 2 9
0047	00 5			36 06		029	

21 0000	02 56		07 90			08 72	1 3 03
21 0005	02 55		07 89				1 3 03
21 0010	02 55		07 89			08 79	1 3 03
21 0015	02 53		07 91				1 3 03
21 0020	02 56		08 17			08 62	1 3 03
21 0030	02 80		08 17			08 62	1 3 03
21 0040	03 23		13 99			07 92	1 3 03

77 11 0039	55 03	0	13 52	64 01	17	06	2 8 2 9
0048	01 5			32 14		031	

06 0000	02 82		07 85			08 56	1 0 03
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Country	Ship	Station number	Latitude		0-N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'		°	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. % ↓	Salin. method	Extra info.	Card code				

77 11 0039

06	0005	02	83		07	86						1	0	03
06	0010	02	82		07	86			08	36		1	0	03
06	0015	02	84		07	86						1	0	03
06	0020	02	78		07	86						1	0	03
06	0030	02	86		07	89			08	56		1	0	03
06	0040	03	32		13	91			07	82		1	0	03
06	0045	03	58		15	22			07	64		1	0	03

77	11	0040	55	13	0	13	11	64	01	20	08	2	8	2	9
		0039	01					32	14		025				

08	0000	02	18		07	92			08	88		1	0	03
08	0005	02	16		07	92						1	0	03
08	0010	02	14		07	95			08	86		1	0	03
08	0015	02	22		07	95						1	0	03
08	0020	02	37		07	95						1	0	03
08	0030	02	80						08	61			0	03
08	0035	03	69						07	72			0	03

77	11	0041	54	51	0	15	14	64	01	21	09	2	8	4	9
		0060	02					27	24		035				

09	0000	02	67		07	60			08	56		1	0	03
09	0005	02	64		07	60						1	0	03
09	0010	02	64		07	52						1	0	03
09	0015	02	58		07	60			08	71		1	0	03
09	0020	02	64		07	60						1	0	03
09	0030	02	62		07	60			07	90		1	0	03
09	0040	02	74		07	61						1	0	03
09	0050	06	34		10	80			06	38		1	0	03
09	0057	07	96		13	54			04	83		1	0	03

77	11	0042	57	53	0	11	25	64	02	03	12	2	8	3	9
		0055	04	5				20	22		003				

12	0000	02	97		27	038						3	3	03
12	0005	03	05		27	074						3	3	03
12	0010	03	83		30	889						3	3	03
12	0015	04	05		32	711						3	3	03
12	0020	04	81		33	191						3	3	03
12	0030	05	07		33	550						3	3	03
12	0040	05	09		33	656						3	3	03
12	0050	05	09		33	709						3	3	03

77	11	0043	57	54	0	11	32	64	02	03	13	2	8	3	9
		0037	04					20	20		010				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			1:N+W	2:S+E	3:S+W	0:N+E	1:N+W	2:S+E								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0043

13 0000	02 82	24 981										3 3 03
13 0005	02 75	25 712										3 3 03
13 0010	02 84	26 394										3 3 03
13 0015	03 40	28 042										3 3 03
13 0020	04 35	31 085										3 3 03
13 0030	04 96	33 407							06 88			3 3 03

77 11 0044	57 55	0	11 36	64 02	03	14	6 8 2 9
0052	04			20 20		000	

14 0000	02 85	24 118										3 3 03
14 0005	02 83	24 144										3 3 03
14 0010	03 09	27 300										3 3 03
14 0015	03 52	28 671										3 3 03
14 0020	04 79	32 014										3 3 03
14 0030	04 88	33 377										3 3 03
14 0040	05 08	33 746										3 3 03
14 0050	05 21	33 828							07 01			3 3 03

77 11 0045	57 59	0	11 46	64 02	03	14	6 8 2 9
0028	04			20 24		011	

14 0000	02 67	24 193										3 3 03
14 0005	02 54	24 189										3 3 03
14 0010	02 52	24 191										3 3 03
14 0015	03 81	28 715										3 3 03
14 0020	05 18	32 412										3 4 03
14 0025	05 12	33 198							06 63			3 4 03

77 11 0046	58 04	0	11 47	64 02	03	15	6 8 1 9
0025	04			20 24		000	

15 0000	02 36	24 247				07 69						3 4 03
15 0005	02 32	24 230										3 4 03
15 0010	03 36	26 852				07 06						3 4 03
15 0015	04 52	30 040				06 63						3 4 03
15 0020	05 54	32 721				06 33						3 4 03

77 11 0047	58 08	0	11 50	64 02	03	16	6 8 2 9
0018	04			20 16		006	

16 0000	02 29	24 238										3 4 03
16 0005	02 29	24 242										3 4 03
16 0010	02 77	25 261										3 4 03
16 0017	05 33	31 306							06 27			3 4 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m		Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code	
			↓			↓		↓			↓					
77	11	0048	58	11	0	11	51	64	02	03	16	6	8	1	9	
		0023	04					20	24		009					
	16	0000	02	35		24	011					3	4	03		
	16	0005	02	33		24	011					3	4	03		
	16	0010	02	44		24	677					3	4	03		
	16	0015	05	31		29	716					3	4	03		
	16	0020	06	37		30	927			05	21	3	4	03		
77	11	0049	58	16	0	11	49	64	02	03	17	2	8	1	9	
		0027	05					20	24		006					
	17	0000	02	00		22	797					3	4	03		
	17	0005	02	00		22	814					3	4	03		
	17	0010	03	29		25	379					3	4	03		
	17	0015	08	11		29	632					3	4	03		
	17	0020	07	37		30	885					3	4	03		
	17	0025	05	95		31	552					3	4	03		
77	11	0050	58	20	0	11	53	64	02	04	07	1	2	1	9	
		0045	03					23	16		000					
	07	0000	01	82		19	527			07	44	3	4	03		
	07	0005	01	99		19	506					3	4	03		
	07	0010	06	04		25	387			04	61	3	4	03		
	07	0015	09	16		29	223			00	11	3	4	03		
	07	0020	06	13		30	502					3	4	03		
	07	0030	05	83		30	903					3	4	03		
	07	0040	05	81		31	065					3	4	03		
77	11	0051	58	19	0	11	46	64	02	04	08	1	2	1	9	
		0040	03					25	14		007					
	08	0000	01	61		22	070			07	81	3	4	03		
	08	0005	01	62		22	060					3	4	03		
	08	0010	04	76		25	378			06	28	3	4	03		
	08	0015	09	34		30	285					3	4	03		
	08	0020	07	81		31	216			03	66	3	4	03		
	08	0030	06	61		31	982			03	35	3	4	03		
	08	0038	06	78		32	616			00	18	3	4	03		
77	11	0052	58	17	0	11	41	64	02	04	09	1	3	1	9	
		0055	03					25	14		009					
	09	0000	01	89		22	576			07	65	3	4	03		
	09	0005	01	88		22	577					3	0	03		
	09	0010	02	06		22	727			07	58	3	4	03		

Country	Ship	Station number	Latitude		0-N+E 1-N+W 2-S+E 3-S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			o	'		o	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.				Mixed layer depth m			
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. % ↓	Salin. method	Extra info.	Card code				

77 11 0052

09 0015	04 75		25 175								3 0 03				
09 0020	07 18		28 637				00 51				3 4 03				
09 0030	06 07		29 268								3 4 03				
09 0040	06 00		29 293								3 4 03				
09 0050	05 92		29 326								3 4 03				

77 11 0053	58 15	0	11 38		64 02		04 09				1 4 1 9				
0060	03				25 14		014								

09 0000	02 18		22 876				07 60				3 4 03				
09 0005	02 18		22 871								3 4 03				
09 0010	02 20		22 908				07 50				3 4 03				
09 0015	05 67		25 531								3 4 03				
09 0020	07 53		27 498				02 69				3 4 03				
09 0030	06 06		29 240								3 4 03				
09 0040	06 03		29 267								3 4 03				
09 0050	06 04		29 272								3 4 03				

77 11 0054	58 14	0	11 35		64 02		04 10				1 4 1 9				
0040	04				25 20		012								

10 0000	02 60		23 114				07 49				3 4 03				
10 0005	02 61		23 114				07 51				3 4 03				
10 0010	02 59		23 181				07 48				3 4 03				
10 0015	06 83		26 275				03 66				3 4 03				
10 0020	07 48		27 820				01 10				3 4 03				
10 0025	06 23		29 189								3 4 03				
10 0030	06 09		29 250								3 4 03				
10 0037	06 06		29 282								3 4 03				

77 11 0055	58 19	0	11 22		64 02		04 12				1 4 9 9				
0035	03				27 26		019								

12 0000	03 58		29 767								3 4 03				
12 0005	03 56		29 770								3 4 03				
12 0010	03 51		29 773								3 4 03				
12 0015	03 57		29 785								3 4 03				
12 0020	03 78		30 797				07 21				3 4 03				
12 0030	05 01		32 815				06 70				3 4 03				

77 11 0056	58 22	0	11 26		64 02		04 12				1 4 1 9				
0027	04				27 24		000								

12 0000	03 07		29 260								3 4 03				
12 0005	03 11		29 442								3 4 03				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0056

12	0010	03	28		29	690				07	43		3	4	03
12	0015	03	33		29	736							3	4	03
12	0020	03	47		29	952				07	37		3	4	03
12	0025	03	76		30	348				07	15		3	4	03

77	11	0057	58	22	0	11	23	64	02		04	13	1	5	1	9
		0025	04					27	20			018				

13	0000	03	33		29	398							3	4	03
13	0005	03	30		29	408							3	4	03
13	0010	03	34		29	419				07	45		3	4	03
13	0015	03	35		29	448							3	4	03
13	0022	04	21		31	635				06	96		3	4	03

77	11	0058	58	19	0	11	33	64	02		05	08	1	2	1	9
		0120	00	5				36	24			000				

08	0000	01	33		21	396				07	07		3	4	03
08	0005	03	08		28	850							3	4	03
08	0010	03	32		29	595				07	39		3	4	03
08	0015	03	50		29	846							3	4	03
08	0020	03	82		30	499							3	4	03
08	0030	07	32		33	182				05	38		3	4	03
08	0040	07	35		33	795							3	4	03
08	0050	06	25		33	843				06	08		3	4	03
08	0060	06	21		33	985							3	4	03
08	0070	06	69		34	240				04	55		3	4	03
08	0080	06	32		34	542							3	4	03
08	0090	06	14		34	574				02	95		3	4	03
08	0100	06	06		34	585				02	49		3	4	03
08	0110	06	00		34	605				02	29		3	4	03

77	11	0059	58	22	0	11	35	64	02		05	11	1	6	2	9
		0080	00	3				36	24			000				

11	0000	01	95		23	192				07	30		3	4	03
11	0005	02	40		25	378							3	4	03
11	0010	03	24		29	312				07	37		3	4	03
11	0015	03	44		29	740							3	4	03
11	0020	03	64		30	248							3	4	03
11	0030	07	36		33	079				05	35		3	4	03
11	0040	07	13		33	847							3	4	03
11	0050	06	26		33	868				06	04		3	4	03
11	0060	06	43		34	011				06	11		3	4	03
11	0070	06	84		34	313				04	13		3	4	03

77	11	0060	58	16	0	11	26	64	02		05	15	1	3	2	9
		0055	-02					36	30			007				

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			o	'		o	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml / l ↓	Oxygen ↓	Saturat. ‰ ↓	Salin. method	Extra info.	Card code			

77 11 0060

15 0000	02 67		27 558				07 40			3 4 03				
15 0005	02 65		27 685							3 4 03				
15 0010	03 17		29 159				07 35			3 4 03				
15 0015	03 54		30 110							3 4 03				
15 0020	05 16		32 031							3 4 03				
15 0030	05 10		32 846				06 69			3 4 03				
15 0040	05 13		33 083							3 4 03				
15 0050	05 16		33 182				06 69			3 4 03				

77 11 0061	57 48	0	10 52		64 02		07 08			2 8 3 9				
0057	03				32 24		011							

08 0000	03 26		32 276							3 4 03				
08 0005	03 28		32 271							3 4 03				
08 0010	03 25		32 231							3 4 03				
08 0015	03 54		32 594							3 4 03				
08 0020	03 71		32 736							3 4 03				
08 0030	03 57		32 824							3 4 03				
08 0040	04 47		33 445							3 4 03				
08 0050	04 96		33 886							3 4 03				

77 11 0062	57 50	0	11 04		64 02		07 09			2 8 3 9				
0047	04				27 24		015							

09 0000	03 35		32 072							3 4 03				
09 0005	03 36		32 071							3 4 03				
09 0010	03 33		32 075							3 4 03				
09 0015	03 37		32 090							3 4 03				
09 0020	03 38		32 131							3 4 03				
09 0030	03 60		32 206							3 4 03				
09 0040	03 87		32 538							3 4 03				

77 11 0063	57 52	0	11 18		64 02		07 10			2 7 3 9				
0100	04 5				27 16		036							

10 0000	04 08		32 666				07 23			3 4 03				
10 0005	04 08		32 666							3 4 03				
10 0010	04 08		32 668				07 23			3 4 03				
10 0015	04 08		32 690							3 4 03				
10 0020	04 11		32 693							3 4 03				
10 0030	04 20		32 915				07 11			3 4 03				
10 0040	04 15		33 028							3 4 03				
10 0050	04 31		33 161				07 16			3 4 03				
10 0060	04 76		33 465							3 4 03				
10 0070	04 98		33 738				06 85			3 4 03				
10 0080	05 05		33 816				06 82			3 4 03				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0: N+E	1: N+W	2: S+E	3: S+W	0: N+E	1: N+W								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Code		
		↓			↓			↓	↓	↓	↓					

77	11	0063														
	10	0090	05	06		33	834			06	82			3	4	03
77	11	0064	57	53	0	11	25		64	02		07	11	1	4	3 9
		0065	04	5					27	16			026			
	11	0000	04	30		33	036							3	4	03
	11	0005	04	28		33	038							3	4	03
	11	0010	04	29		33	064							3	4	03
	11	0015	04	27		33	058							3	4	03
	11	0020	04	29		33	066							3	4	03
	11	0030	04	37		33	231							3	4	03
	11	0040	04	93		33	621							3	4	03
	11	0050	04	98		33	664							3	4	03
77	11	0065	58	24	0	11	04		64	02		12	15	0	0	2 9
		0060	-06						02	14			015			
	15	0000	03	91		32	994							3	0	03
	15	0005	03	90		32	986							3	0	03
	15	0010	03	90		32	987							3	0	03
	15	0015	03	96		33	010							3	0	03
	15	0020	04	15		33	122							3	0	03
	15	0030	04	53		33	299							3	0	03
	15	0040	04	74		33	529							3	0	03
	15	0050	04	97		33	732							3	0	03
	15	0055	05	11		33	891							3	0	03
77	11	0066	58	27	0	11	05		64	02		13	07	1	5	2 9
		0057	-01						27	08			028			
	07	0000	03	76		33	051							3	0	03
	07	0005	03	77		33	050							3	0	03
	07	0010	03	80		33	060							3	0	03
	07	0015	03	93		33	127							3	0	03
	07	0020	03	93		33	150							3	0	03
	07	0030	04	47		33	295							3	0	03
	07	0040	04	90		33	639							3	0	03
	07	0050	04	99		33	695							3	0	03
	07	0055	05	00		33	763							3	0	03
77	11	0068	58	12	0	10	06		64	02		19	13	0	0	1 9
		0338	01						28	08			039			
	13	0000	04	73		34	058							3	0	03
	13	0100	07	35		35	182							3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0068

13 0200	07 09			35 220								3 0 03			
13 0300	05 60			35 115								3 0 03			
13 0335	05 56			35 104								3 0 03			

77 11 0073	58 28	0	11 05	64 02	24	16	2 8 2 9
0057	-02			09 12		009	

16 0000	00 29		25 134				3 0 03
16 0005	00 29		25 135				3 0 03
16 0010	00 77		26 320				3 0 03
16 0015	01 30		27 666				3 0 03
16 0020	01 39		28 233				3 0 03
16 0030	02 28		30 599				3 0 03
16 0040	03 51		33 052				3 0 03
16 0050	04 19		33 415				3 0 03
16 0055	04 52		33 570				3 0 03

77 11 0074	58 24	0	11 03	64 02	25	12	2 8 1 9
0067	00			09 08		007	

12 0000	00 55		24 499				3 0 03
12 0005	00 56		24 519				3 0 03
12 0010	00 59		26 040				3 0 03
12 0015	00 85		26 795				3 0 03
12 0020	01 45		29 246				3 0 03
12 0030	02 83		32 193				3 0 03
12 0040	03 43		32 860				3 0 03
12 0050	05 41		34 246				3 0 03
12 0060	06 27		34 811				3 0 03
12 0065	06 45		34 932				3 0 03

77 11 0076	58 26	0	11 03	64 02	27	08	2 8 1 9
0060	00 5			14 10		009	

08 0000	00 83		24 803				3 0 03
08 0005	00 85						0 03
08 0010	00 95		25 411				3 0 03
08 0015	00 98		26 079				3 0 03
08 0020	00 82		27 346				3 0 03
08 0030	03 91		32 936				3 0 03
08 0040	03 89		33 498				3 0 03
08 0050	05 66		34 376				3 0 03
08 0058	06 55		34 983				3 0 03

77 11 0077	58 24	0	11 02	64 04	01	15	0 0 0 9
0075	03			34 06		000	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	'	''	0	'	''								
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb			Wind Dir.	Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓		σ_t ↓		ml / l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code			

77 11 0077

15	0000	01	33		21	183						3	0	03		
15	0005	01	08		21	853						3	0	03		
15	0010	01	06		24	027						3	0	03		
15	0015	02	37		29	716						3	0	03		
15	0020	05	62		33	965						3	0	03		
15	0030	06	32		34	835						3	0	03		
15	0040	06	50		35	000						3	0	03		
15	0050	06	33		35	016						3	0	03		
15	0060	06	00		35	106						3	0	03		
15	0070	06	03		35	107						3	0	03		
15	0073	06	01		35	104						3	0	03		

77	11	0079	58	14	0	10	59	64	04	03	14	0	0	1	9	
		0133	04					36	02		009					

14	0000	01	51		19	614						3	0	03		
14	0005	01	48		20	402						3	0	03		
14	0010	01	88		27	523						3	0	03		
14	0015	02	94		30	335						3	0	03		
14	0020	03	21		32	369						3	0	03		
14	0030	05	96		34	403						3	0	03		
14	0050	06	71		35	049						3	0	03		
14	0070	06	48		35	103						3	0	03		
14	0090	06	37		35	117						3	0	03		
14	0100	06	27		35	130						3	0	03		
14	0130	06	22		35	123						3	0	03		

77	11	0080	58	12	0	10	57	64	04	06	12	0	0	1	9	
		0137	03					14	08		000					

12	0000	02	30		21	808						3	0	03		
12	0005	01	42		23	266						3	0	03		
12	0010	01	89		25	582						3	0	03		
12	0015	02	71		30	166						3	0	03		
12	0020	04	21		33	145						3	0	03		
12	0030	04	96		34	147						3	0	03		
12	0050	06	79		34	939						3	0	03		
12	0070	06	77		35	098						3	0	03		
12	0090	06	91		35	157						3	0	03		
12	0100	06	82		35	143						3	0	03		
12	0120	06	44		35	144						3	0	03		
12	0130	06	37		35	142						3	0	03		

77	11	0082	58	07	0	09	55	64	04	07	15	0	0	9	9	
		0345	04					05	10		006					

15	0000	02	82		20	001						3	0	03		
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Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W									
		Depth to bottom m	Temperature °C		Temperature °C		Wind		Mixed layer depth m				
			Dry ↓ bulb		Wet ↓ bulb	Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0082

15	0050	04	16	33	716					3	0	03
15	0100	05	61	34	542					3	0	03
15	0200	06	91	35	096					3	0	03
15	0300	06	71	35	156					3	0	03
15	0330	06	72	35	160					3	0	03

77	11	0083	58	13	0	10	10	64	04	08	18	6	8	2	9
		0440	03					24	14		006				

18	0000	02	86	20	098							3	0	03
18	0050	04	38	33	814							3	0	03
18	0100	05	52	34	521							3	0	03
18	0200	07	22	35	153							3	0	03
18	0300	06	70	35	170							3	0	03
18	0400	05	87	35	120							3	0	03
18	0430	05	45	35	101							3	0	03

77	11	0084	55	00	0	14	05	64	04	14	05	2	8	2	9
		0048	05					25	10		019				

05	0000	01	47	07	92					09	62	1	3	03
05	0005	01	48	07	92							1	3	03
05	0010	01	48	07	92					09	74	1	3	03
05	0015	01	45	07	92							1	3	03
05	0020	01	47	07	92							1	3	03
05	0030	00	81	09	10					09	47	1	3	03
05	0040	01	12	12	46					09	22	1	3	03
05	0045	02	30	16	96					07	75	1	3	03

77	11	0085	55	18	0	14	24	64	04	14	07	2	8	1	9
		0048	03					25	10		018				

07	0000	01	60	07	67					09	70	1	3	03
07	0005	01	61	07	66							1	3	03
07	0010	01	63	07	66					09	81	1	3	03
07	0015	01	57	07	66							1	3	03
07	0020	01	57	07	66							1	3	03
07	0030	00	77	07	97					09	60	1	3	03
07	0040	00	61	08	19					09	46	1	3	03
07	0045	02	23	15	25					06	15	1	3	03

77	11	0086	55	23	0	15	20	64	04	14	10	2	8	1	9
		0091	06					25	10		018				

10	0000	01	57	07	64					09	61	1	3	03
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W										
		Depth to bottom m	Temperature °C		Temperature °C		-Wind				Mixed layer depth m					
			Dry ↓ bulb		Wet ↓ bulb		Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code					
			↓	↓	↓	↓	↓	↓								

77 11 0086

10	0005	01 51	07 64								1 3 03
10	0010	01 55	07 65				09 75				1 3 03
10	0015	01 42	07 65								1 3 03
10	0020	01 37	07 65								1 3 03
10	0030	00 97	07 70				09 59				1 3 03
10	0040	01 06	07 81								1 3 03
10	0050	00 63	07 88				09 57				1 3 03
10	0060	02 46	13 43								1 3 03
10	0070	07 87	16 18				02 46				1 3 03
10	0080	08 13	16 47				01 67				1 3 03
10	0087	08 24	16 95				01 21				1 3 03

77 11	0087	55 15	0	15 59	64 04	14	13	2 8 2 9
	0092	05			25 10		018	

13	0000	01 51	07 79				09 82				1 4 03
13	0005	01 50	07 79								1 4 03
13	0010	01 50	07 77				10 00				1 4 03
13	0015	01 39	07 76								1 4 03
13	0020	01 29	07 76				09 76				1 4 03
13	0030	01 21	07 76				09 89				1 4 03
13	0040	01 08	07 81								1 4 03
13	0050	00 90	07 94				09 38				1 4 03
13	0060	04 21	12 98				07 09				1 4 03
13	0070	07 57	15 92				03 26Q				1 4 03
13	0080	08 00	17 15				01 24				1 4 03
13	0085	08 13	17 23				00 95				1 4 03

77 11	0088	55 13	0	17 04	64 04	14	17	1 6 2 9
	0092	04			25 08		035	

17	0000	01 41	07 73				09 77				1 4 03
17	0005	01 44	07 70								1 4 03
17	0010	01 44	07 73				09 92				1 4 03
17	0015	01 45	07 73								1 4 03
17	0020	01 43	07 73								1 4 03
17	0030	01 37	07 73				09 77				1 4 03
17	0040	01 18	07 74								1 4 03
17	0050	00 91	07 79				09 57				1 4 03
17	0060	03 76	11 69				06 80				1 4 03
17	0070	04 49	12 79				06 46				1 4 03
17	0080	04 62	13 38				06 10				1 4 03

77 11	0089	55 38	0	18 36	64 04	14	23	1 4 2 9
	0098	02			20 10		051	

23	0000	01 41	07 60				09 76				1 4 03
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0089

23 0005	01 40	07 64									1 4 03
23 0010	01 39	07 64						09 74			1 4 03
23 0015	01 37	07 64									1 4 03
23 0020	01 38	07 64									1 4 03
23 0030	01 37	07 54						09 70			1 4 03
23 0040	01 37	07 58									1 4 03
23 0050	01 39	07 58						09 70			1 4 03
23 0060	01 40	07 68									1 4 03
23 0070	03 17	08 95						05 08			1 4 03
23 0080	04 04	10 05									1 4 03
23 0090	04 22	11 32						04 44			1 4 03

77 11 0090	56 07	0	19 19	64 04	15	03	1 6 2 9
0125	03			25 12		029	

03 0000	01 13	07 59					09 66	1 4 03
03 0005	01 26	07 57						1 4 03
03 0010	01 40	07 56					09 78	1 4 03
03 0015	01 46	07 56						1 4 03
03 0020	01 46	07 57						1 4 03
03 0030	01 44	07 56					09 84	1 0 03
03 0040	01 45	07 58						1 4 03
03 0050	01 47	07 60					09 58	1 4 03
03 0060	01 14	07 67						1 4 03
03 0070	03 24	09 01					04 98	1 4 03
03 0080	03 98	10 48						1 4 03
03 0090	04 76	11 45					03 09	1 4 03
03 0100	04 64	11 81						1 4 03
03 0120	05 06	12 07					03 78	1 4 03

77 11 0091	56 51	0	18 52	64 04	15	08	1 4 1 9
0106	04			27 10		000	

08 0000	01 41	07 36					09 78	1 4 03
08 0005	01 39	07 38						1 4 03
08 0010	01 26	07 39					09 83	1 4 03
08 0015	01 25	07 40						1 4 03
08 0020	01 20	07 42						1 4 03
08 0030	01 04	07 49					09 69	1 4 03
08 0040	00 86	07 49						1 4 03
08 0050	00 92	07 53					09 50	1 4 03
08 0060	01 15	07 54						1 4 03
08 0070	02 20	07 72					08 25	1 4 03
08 0080	03 60	09 50						1 4 03
08 0090	04 27	10 30					01 98	1 4 03
08 0100	04 84	11 21					01 55	1 4 03

77 11 0092	56 59	0	18 47	64 04	15	09	1 4 1 9
0072	04			27 10		025	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0092

09 0000	01 58	07 45				09 93					1 4 03
09 0005	01 62	07 46									1 4 03
09 0010	01 59	07 48				09 78					1 4 03
09 0015	01 56	07 48									1 4 03
09 0020	01 57	07 48									1 4 03
09 0030	01 37	07 50				09 64					1 4 03
09 0040	01 17	07 51									1 4 03
09 0050	01 16	07 52				09 49					1 4 03
09 0060	01 15	07 55				09 20					1 4 03
09 0070	02 94	08 64				05 19					1 4 03

77 11 0093	57 05	0	18 42	64 04	15 10	1 1 1 9
0030	05			27 08	025	

10 0000	01 66	07 50				09 74					1 4 03
10 0005	01 64	07 38									1 4 03
10 0010	01 58	07 41				09 71					1 4 03
10 0015	01 51	07 41									1 4 03
10 0020	01 53	07 41									1 4 03
10 0028	01 16	07 47				09 40					1 4 03

77 11 0094	57 05	0	19 00	64 04	15 11	1 1 1 9
0111	05			25 10	009	

11 0000	01 68	07 48				09 88					1 4 03
11 0005	01 64	07 48									1 4 03
11 0010	01 41	07 48				09 83					1 4 03
11 0015	01 33	07 46									1 4 03
11 0020	01 20	07 48									1 4 03
11 0030	01 15	07 50				09 74					1 4 03
11 0040	01 26	07 54									1 4 03
11 0050	01 10	07 53				09 53					1 4 03
11 0060	01 11	07 56									1 4 03
11 0070	02 04	07 64				08 26					1 4 03
11 0080	03 61	09 38									1 4 03
11 0090	04 14	10 20				02 09					1 4 03
11 0100	04 63	10 90				01 47Q					1 4 03

77 11 0095	57 20	0	20 03	64 04	15 16	0 0 1 9
0246	05			26 08	043	

17 0000	01 16	07 19				09 75					1 4 03
17 0005	01 13	07 19				09 86					1 4 03
17 0010	01 06	07 19				09 74					1 4 03
17 0015	01 11	07 21				09 80					1 4 03
17 0020	01 08	07 18				09 81					1 4 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		

77 11 0095

17 0030	00 96	07 20	09 65	1 4 03
17 0040	00 96	07 28	09 52	1 4 03
17 0050	00 96	07 31	08 88	1 4 03
17 0060	02 10	07 60	07 82	1 4 03
17 0070	03 55	09 18	03 30	1 4 03
16 0080	04 07	10 10	02 20	1 4 03
16 0090	04 39	10 61	01 49	1 4 03
16 0100	04 72	11 13	01 84	1 4 03
16 0125	05 24	11 82	01 68	1 4 03
16 0150	05 65	12 37	01 72	1 4 03
16 0175	05 81	12 54	01 36	1 4 03
16 0200	05 74	12 73	00 73	1 4 03
16 0225	05 85	12 87	01 51	1 4 03
16 0240	05 95	13 00	02 32	1 4 03

77 11 0096	58 00	0	19 54	64 04	15	21	0 0 1 9
0203	02			23 12		028	

22 0000	01 33	07 15	09 97	1 4 03
22 0005	01 43	07 18		1 4 03
22 0010	01 29	07 18	09 90	1 4 03
22 0015	01 24	07 19		1 4 03
22 0020	01 25	07 19		1 4 03
22 0030	01 25	07 21	09 82	1 4 03
22 0040	01 04	07 28		1 4 03
22 0050	01 17	07 38	08 89	1 4 03
22 0060	01 33	07 50		1 4 03
21 0070	02 50	07 90	07 09	1 4 03
21 0080	03 86	09 58		1 4 03
21 0090	04 22	10 19		1 4 03
21 0100	04 48	10 58	01 39	1 4 03
21 0125	05 07	11 79	00 86	1 4 03
21 0150	05 38	12 09	00 83	1 4 03
21 0190	05 60	12 40	00 74	1 4 03

77 11 0097	58 27	0	20 20	64 04	16	01	1 4 1 9
0123	03			25 12		020	

01 0000	01 19	07 02	09 78	1 0 03
01 0010	01 17	07 01	09 81	1 0 03
01 0020	01 18	07 01		1 0 03
01 0030	01 00	07 12	09 65	1 0 03
01 0040	00 70	07 20		1 0 03
01 0050	01 14	07 31	08 85	1 0 03
01 0060	01 66	07 55		1 0 03
01 0070	03 05	08 48	04 97	1 0 03
01 0080	04 25	09 94		1 0 03

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W									
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m				
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. ‰ ↓	Salin. method	Extra info.	Card code			

77 11 0097

01	0090	04	47	10	42				1	0	03	
01	0100	04	61	10	76		00	92	1	0	03	
01	0115	04	79	11	16		01	00	1	0	03	

77	11	0098	59	18	0	21	28	64	04	16	07	0	0	1	9
		0105	04					20	10		018				

07	0000	01	08	06	91			09	83			1	4	03	
07	0005	01	06	06	91							1	4	03	
07	0010	01	05	06	91			09	89			1	4	03	
07	0015	01	03	06	91							1	4	03	
07	0020	00	89	06	93							1	4	03	
07	0030	00	39	07	08			09	31			1	4	03	
07	0040	00	79	07	17							1	4	03	
07	0050	01	32	07	30			08	70			1	4	03	
07	0060	02	33	07	67							1	4	03	
07	0070	04	35	10	02			00	99			1	4	03	
07	0080	04	61	10	57							1	4	03	
07	0090	04	70	10	69			00	43			1	4	03	
07	0100	04	73	10	77			00	43			1	4	03	

77	11	0099	60	12	0	19	09	64	04	16	16	2	8	2	9
		0275	06					25	14		019				

17	0000	00	92	05	74			10	16			1	4	03	
17	0005	00	85	05	76							1	4	03	
17	0010	00	89	05	74			10	26			1	4	03	
17	0015	00	91	05	72							1	0	03	
17	0020	00	74	05	76							1	4	03	
17	0030	01	03	06	59			08	74			1	4	03	
17	0040	00	92	06	69							1	4	03	
17	0050	01	13	06	77			08	65			1	4	03	
17	0060	00	89	06	78							1	4	03	
17	0070	00	74	06	84			08	95			1	4	03	
16	0080	00	70	06	86							1	4	03	
16	0090	00	59	06	92							1	4	03	
16	0100	00	35	06	93			09	10			1	4	03	
16	0125	00	56	06	93			09	00			1	4	03	
16	0150	01	23	07	02			07	92			1	4	03	
16	0200	01	45	07	02			08	32			1	4	03	
16	0250	01	73	07	03			08	04			1	4	03	

77	11	0100	58	35	0	18	14	64	04	17	05	1	5	2	9
		0459	03					20	12		012				

05	0000	02	10	06	84			09	99			1	4	03	
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0100

05	0005	02	07		06	92						1	4	03		
05	0010	01	91		06	89			09	96		1	4	03		
05	0015	01	38		07	17						1	4	03		
05	0020	01	30		07	20						1	4	03		
05	0030	00	69		07	35			09	42		1	4	03		
05	0040	00	67		07	48						1	4	03		
05	0050	00	50		07	47			09	58		1	4	03		
05	0060	00	57		07	50						1	4	03		
05	0070	03	74		09	32			02	14		1	4	03		
05	0080	04	35		10	14						1	4	03		
05	0090	04	46		10	17						1	4	03		
05	0100	04	45		10	20			00	42		1	4	03		
05	0125	04	55		10	32						1	4	03		
05	0150	04	66		10	57			00	27		1	4	03		
05	0200	04	80		10	75			00	26		1	4	03		
05	0300	04	72		10	87			00	59		1	4	03		
05	0400	04	77		10	95			00	64		1	4	03		
05	0440	04	78		10	95			00	68		1	4	03		

77	11	0101	58	20	0	17	20	64	04	20	13	2	7	0	9	
		0055	05					20	04		005					

13	0000	02	22		06	76				10	05	1	3	03		
13	0005	02	21		06	78						1	3	03		
13	0010	01	95		06	80			09	99		1	3	03		
13	0015	01	95		06	87						1	3	03		
13	0020	00	61		07	21						1	3	03		
13	0030	00	68		07	28			09	49		1	3	03		
13	0040	00	75		07	85						1	3	03		
13	0050	01	64		07	80			07	37		1	3	03		

77	11	0102	58	25	0	17	14	64	04	20	14	0	0	1	9	
		0055	07					18	04		007					

14	0000	02	55		06	83				09	94	1	3	03		
14	0005	02	46		06	79						1	3	03		
14	0010	02	04		06	83			09	85		1	3	03		
14	0015	01	24		07	00						1	3	03		
14	0020	00	58		07	22						1	3	03		
14	0030	00	77		07	34			09	06		1	3	03		
14	0040	00	85		07	41						1	3	03		
14	0050	01	35		07	68			07	74		1	3	03		

77	11	0103	58	27	0	17	04	64	04	20	15	0	0	1	9	
		0030	08					18	04		008					

15	0000	02	85		06	79				09	80	1	3	03		
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Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	,									
			Temperature °C Dry ↓ bulb	D:N+E 1:N+W 2:S+E 3:S+W	Temperature °C Wet ↓ bulb	Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		

77 11 0103

15 0005	02 96		06 74						1 3 03
15 0010	02 61		06 83			09 82			1 3 03
15 0015	01 84		06 89						1 3 03
15 0020	00 60		07 10						1 3 03
15 0030	00 73		07 37			08 91			1 3 03

77 11 0104	58 30	0	16 57		64 04	20 16		0 0 1 9
0033	08				18 04		005	

16 0000	03 56		06 47			10 24		1 3 03
16 0005	03 57		06 50					1 3 03
16 0010	00 76		06 83			09 83		1 3 03
16 0015	00 79		07 04					1 3 03
16 0020	00 36		07 05			09 11		1 3 03
16 0030	01 60		07 55			04 18		1 3 03

77 11 0105	58 00	0	18 00		64 04	20 21		1 1 2 9
0175	04				20 10		010	

22 0000	01 88		07 27			09 78		1 3 03
22 0005	01 82		07 27					1 3 03
22 0010	01 80		07 23			09 80		1 3 03
22 0015	01 47		07 30					1 3 03
22 0020	01 46		07 35					1 3 03
22 0030	01 46		07 30			09 80		1 3 03
22 0040	01 48		07 32					1 3 03
22 0050	01 34		07 36			09 73		1 3 03
21 0060	00 67		07 40					1 3 03
21 0070	00 73		07 46			09 23		1 3 03
21 0080	01 42		07 62					1 3 03
21 0090	03 94		09 53					1 3 03
21 0100	04 37		10 04			00 51		1 3 03
21 0125	04 60		10 25			00 28		1 3 03
21 0150	04 63		10 29			00 09		1 3 03

77 11 0106	57 30	0	18 04		64 04	21 01		0 0 1 9
0100	04				18 02		019	

01 0000	01 95		07 23			09 97		1 3 03
01 0005	01 95		07 27					1 3 03
01 0010	01 97		07 27			09 88		1 3 03
01 0015	01 97		07 27					1 3 03
01 0020	01 73		07 28					1 3 03
01 0030	01 90		07 32			09 61		1 3 03
01 0040	01 84		07 32					1 3 03
01 0050	00 90		07 36			09 45		1 3 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0106

01	0060	01	18		07	50						1	3	03		
01	0070	02	42		08	19				05	75	1	3	03		
01	0080	04	28		09	93						1	3	03		
01	0090	04	45		10	03				00	47	1	3	03		

77	11	0107	57	31	0	17	53	64	04	21	02	0	0	1	9	
		0105	03					00	00		020					

02	0000	01	39		07	30				09	75	1	3	03		
02	0005	01	41		07	29						1	3	03		
02	0010	01	43		07	29				09	65	1	3	03		
02	0015	01	44		07	27						1	3	03		
02	0020	01	37		07	30						1	3	03		
02	0030	01	00		07	31				09	57	1	3	03		
02	0040	01	62		07	37						1	3	03		
02	0050	01	66		07	35				09	03	1	3	03		
02	0060	00	86		07	35						1	3	03		
02	0070	02	48		08	03				05	78	1	3	03		
02	0080	03	98		09	45						1	3	03		
02	0090	04	36		09	84				00	58	1	3	03		
02	0100	04	51		09	96				00	30	1	3	03		

77	11	0108	57	33	0	17	39	64	04	21	04	1	3	0	9	
		0101	03					00	00		026					

04	0000	01	75		07	24				09	70	1	3	03		
04	0005	01	77		07	24						1	3	03		
04	0010	01	76		07	24				09	70	1	3	03		
04	0015	01	76		07	24						1	3	03		
04	0020	01	81		07	24						1	3	03		
04	0030	01	20		07	28				09	61	1	3	03		
04	0040	01	28		07	30						1	3	03		
04	0050	01	18		07	32				09	72	1	3	03		
04	0060	00	98		07	34						1	3	03		
04	0070	03	91		07	37				01	58	1	3	03		
04	0080	04	26		09	73						1	3	03		
04	0090	04	39		09	88				00	44	1	3	03		

77	11	0109	57	35	0	17	20	64	04	21	05	1	3	0	9	
		0117	05					00	00		009					

05	0000	02	30		07	08				09	72	1	3	03		
05	0005	02	19		07	08						1	3	03		
05	0010	02	10		07	22				09	69	1	3	03		
05	0015	01	91		07	24						1	3	03		
05	0020	01	78		07	26						1	3	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0109

05	0030	01 65			07 26					09 64			1 3 03		
05	0040	01 21			07 45								1 3 03		
05	0050	01 41			07 61					07 93			1 3 03		
05	0060	03 70			09 18								1 3 03		
05	0070	04 17			09 72					00 78			1 3 03		
05	0080	04 42			09 90								1 3 03		
05	0090	04 47			10 00								1 3 03		
05	0100	04 52			10 00					00 25			1 3 03		
05	0110	04 56			10 02					00 27			1 3 03		

77 11 0110	57 36	0	17 02	64 04	21 07	2 7 0 9
0075	06			00 00	025	

07 0000	01 63		07 18		09 73	1 3 03
07 0005	01 61		07 18			1 3 03
07 0010	01 62		07 18		09 92	1 3 03
07 0015	01 56		07 18			1 3 03
07 0020	01 55		07 18			1 3 03
07 0030	00 82		07 22		08 86	1 3 03
07 0040	00 82		07 28			1 3 03
07 0050	00 79		07 39		09 29	1 3 03
07 0060	03 56		09 10			1 3 03
07 0070	04 14		09 69		00 65	1 3 03

77 11 0111	57 38	0	16 50	64 04	21 08	1 4 0 9
0040	07			00 00	004	

08 0000	02 96		07 11		09 76	1 3 03
08 0005	02 51		07 13			1 3 03
08 0010	02 19		07 15		09 82	1 3 03
08 0015	02 06		07 15			1 3 03
08 0020	01 60		07 17		09 81	1 3 03
08 0030	01 00		07 23		09 55	1 3 03

77 11 0112	57 48	0	16 57	64 04	21 09	2 7 0 9
0055	09			00 00	004	

09 0000	01 76		07 11		09 95	1 3 03
09 0005	01 65		07 11			1 3 03
09 0010	01 46		07 11		09 94	1 3 03
09 0015	01 43		07 11			1 3 03
09 0020	01 41		07 11			1 3 03
09 0030	00 74		07 15		09 68	1 3 03
09 0040	00 70		07 23			1 3 03
09 0050	00 95		07 37		08 83	1 3 03

77 11 0113	57 51	0	16 47	64 04	21 11	1 2 0 9
0029	10			29 02	000	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓	↓	↓	↓		

77 11 0113

11 0000	03 71			07 01				09 65				1 3 03			
11 0005	03 75			07 02								1 3 03			
11 0010	02 59			07 07				09 83				1 3 03			
11 0015	02 27			07 16								1 3 03			
11 0020	02 00			07 18								1 3 03			
11 0027	01 25			07 22				09 59				1 3 03			

77 11 0114	57 53	0		16 43			64 04	21 11				1 3 0 9			
0017	10						27 04				000				

11 0000	04 11Q			06 85 Q				09 59				1 3 03			
11 0005	05 30Q			06 77 Q								1 3 03			
11 0010	02 06			07 14				09 96				1 3 03			
11 0015	01 58			07 18				09 88				1 3 03			

77 11 0115	57 31	0		17 06			64 04	21 15				2 7 0 9			
0070	08 5						20 06				025				

15 0000	01 77			07 25				09 84				1 3 03			
15 0005	01 67			07 28								1 3 03			
15 0010	01 57			07 28				09 92				1 3 03			
15 0015	01 57			07 28								1 3 03			
15 0020	01 57			07 28								1 3 03			
15 0030	00 93			07 41				09 34				1 3 03			
15 0040	00 89			07 45								1 3 03			
15 0050	01 64			07 79				07 68				1 3 03			
15 0060	03 31			09 04				02 78				1 3 03			

77 11 0116	57 26	0		17 01			64 04	21 16				1 6 0 9			
0052	08 5						20 06				019				

16 0000	02 13			07 31				09 90				1 3 03			
16 0005	02 10			07 31								1 3 03			
16 0010	02 11			07 31				09 96				1 3 03			
16 0015	02 01			07 29								1 3 03			
16 0020	01 81			07 31								1 3 03			
16 0030	01 19			07 33				09 58				1 3 03			
16 0040	00 89			07 41								1 3 03			
16 0050	01 16			07 53				08 64				1 3 03			

77 11 0117	57 07	0		17 40			64 04	21 19				1 2 1 9			
0110	05						20 06				013				

19 0000	02 26			07 28				09 87				1 3 03			
19 0005	02 24			07 28								1 3 03			

Country	Ship	Station number	Latitude		Longitude	Year	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E 1-N+W 2-S+E 3-S+W										
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m				
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0117

19 0010	02 26		07 28			09 82			1 3 03
19 0015	01 68		07 31						1 3 03
19 0020	01 66		07 33						1 3 03
19 0030	01 42		07 35			09 64			1 3 03
19 0040	01 26		07 37						1 3 03
19 0050	00 99		07 41			09 36			1 3 03
19 0060	01 38		07 61						1 3 03
19 0070	03 51		09 04			02 89			1 3 03
19 0080	04 24		09 91						1 3 03
19 0090	04 36		10 00			00 48			1 3 03
19 0100	04 41		10 05			00 49			1 3 03

77 11 0118	56 33	0	17 04		64 04	21 23			1 1 1 9
0075	04				20 06		009		

23 0000	02 00		07 36			09 79			1 3 03
23 0005	01 97		07 37						1 3 03
23 0010	01 62		07 37			09 71			1 3 03
23 0015	01 35		07 39						1 3 03
23 0020	01 42		07 39						1 3 03
23 0030	01 36		07 39			09 62			1 3 03
23 0040	01 25		07 41						1 3 03
23 0050	01 17		07 41			09 59			1 3 03
23 0060	00 78		07 47						1 3 03
23 0070	03 87		09 61			00 80			1 3 03

77 11 0119	56 30	0	16 52		64 04	22 00			1 1 1 9
0073	04				20 06		047		

00 0000	01 56		07 37			09 71			1 3 03
00 0005	01 47		07 37						1 3 03
00 0010	01 51		07 39			09 61			1 3 03
00 0015	01 46		07 39						1 3 03
00 0020	01 47		07 39						1 3 03
00 0030	01 47		07 39			09 55			1 3 03
00 0040	01 46		07 39						1 3 03
00 0050	00 68		07 39			09 59			1 3 03
00 0060	00 50		07 39						1 3 03
00 0070	04 00		09 57			00 73			1 3 03

77 11 0120	56 19	0	16 41		64 04	22 02			1 6 1 9
0053	05				20 04		026		

02 0000	02 06		07 34			09 65			1 3 03
02 0005	01 99		07 34						1 3 03
02 0010	02 00		07 34			09 77			1 3 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C	Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code				

77 11 0120

02	0015	01 98			07 35								1	3	03
02	0020	01 98			07 34								1	3	03
02	0030	01 09			07 35					09 49			1	3	03
02	0040	01 21			07 46								1	3	03
02	0050	01 17			07 62					09 21			1	3	03

77 11	0121	56 09	0	15 37	64 04		23	07					6	8	1 9
	0016	04			02 10			000							

07	0000	06 41			07 15					08 77			1	3	03
07	0005	05 69			07 16								1	3	03
07	0010	05 72			07 19								1	3	03
07	0015	03 87								08 95				3	03

77 11	0122	56 00	0	15 32	64 04		23	08					2	8	1 9
	0043	04			02 10			020							

08	0000	02 62			07 38					09 45			1	3	03
08	0005	02 51			07 38								1	3	03
08	0010	02 53			07 38					09 48			1	3	03
08	0015	02 67			07 40								1	3	03
08	0020	02 47			07 40								1	3	03
08	0030	02 32			07 41					09 51			1	3	03
08	0040	01 13			07 55					09 38			1	3	03

77 11	0123	55 51	0	15 44	64 04		23	09					2	8	2 9
	0045	05			02 10			014							

09	0000	03 01			07 41					09 53			1	3	03
09	0005	02 98			07 41								1	3	03
09	0010	03 00			07 40					09 55			1	3	03
09	0015	02 30			07 46								1	3	03
09	0020	01 32			07 53								1	3	03
09	0030	01 20			07 62					09 46			1	3	03
09	0040	01 04			07 66					09 22			1	3	03

77 11	0124	55 48	0	16 07	64 04		23	11					2	8	2 9
	0059	04			02 10			008							

11	0000				07 67					09 87			1	4	03
11	0005	02 82			07 67								1	3	03
11	0010	02 79			07 67					09 83			1	3	03
11	0015	02 55			07 68								1	3	03
11	0020	02 30			07 68								1	3	03
11	0030	01 81			07 71					09 85			1	3	03

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	ice
			°	'		°	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code			

77 11 0124

11 0040	01 02		07 75								1 3 03			
11 0050	00 67		07 80				08 98				1 3 03			

77 11 0125	55 29	0	16 14		64 04		23 13				2 7 2 9			
0077	04				02 10		020							

13 0000	02 46		07 70				09 78				1 3 03			
13 0005	02 45		07 70								1 3 03			
13 0010	02 45		07 71				09 82				1 3 03			
13 0015	02 44		07 72								1 3 03			
13 0020	02 37		07 72								1 3 03			
13 0030	01 43		07 72				09 78				1 3 03			
13 0040	00 76		07 78								1 3 03			
13 0050	01 53		08 64				09 18				1 3 03			
13 0060	03 51		12 76								1 3 03			
13 0070	07 04		15 95				02 00				1 3 03			

77 11 0126	55 15	0	15 59		64 04		23 15				2 7 2 9			
0091	05				05 06		008							

15 0000	02 73		07 67				09 74				1 3 03			
15 0005	02 57		07 66								1 3 03			
15 0010	02 53		07 66				09 73				1 3 03			
15 0015	02 38		07 66								1 3 03			
15 0020	02 37		07 66								1 3 03			
15 0030	01 87		07 74				09 66				1 3 03			
15 0040	01 73		07 74								1 3 03			
15 0050	00 62		08 07				09 29				1 3 03			
15 0060	04 14		13 17								1 3 03			
15 0070	06 92		15 68				03 47				1 3 03			
15 0080	07 63		16 62				02 00				1 3 03			
15 0087	08 11		17 11				00 53				1 3 03			

77 11 0127	55 23	0	15 20		64 04		23 10				1 2 1 9			
0095	05				05 06		006							

18 0000	02 55		07 55				09 72				1 3 03			
18 0005	02 59		07 55								1 3 03			
18 0010	01 86		07 57				09 62				1 3 03			
18 0015	01 86		07 66								1 3 03			
18 0020	01 52		07 68								1 3 03			
18 0030	01 33		07 75				09 63				1 3 03			
18 0040	00 85		07 89								1 3 03			
18 0050	00 62		08 21				01 27				1 3 03			
18 0060	01 86		13 39								1 3 03			
18 0070	07 07		15 30				03 03				1 3 03			

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code				
		↓			↓	↓	↓	↓	↓							

77 11 0127

18 0080 07 50 16 03 1 3 03
 18 0090 08 27 17 05 00 49 1 3 03

77 11 0128

55 25 0 15 09 64 04 23 19 1 4 1 9
 0077 03 07 08 000

19 0000 03 22 07 51 09 70 1 3 03
 19 0005 03 23 07 53 1 3 03
 19 0010 01 60 07 60 09 63 1 3 03
 19 0015 01 02 07 62 1 3 03
 19 0020 00 98 07 73 1 3 03
 19 0030 01 71 07 79 09 57 1 3 03
 19 0040 01 11 07 88 1 3 03
 19 0050 01 12 08 67 09 32 1 3 03
 19 0060 01 31 11 65 1 3 03
 19 0070 04 07 14 81 06 57 1 3 03

77 11 0129

55 27 0 14 55 64 04 23 20 1 4 1 9
 0075 03 07 08 010

20 0000 03 43 07 60 10 14 1 3 03
 20 0005 03 44 07 61 1 3 03
 20 0010 03 45 07 65 10 28 1 3 03
 20 0015 02 77 07 77 1 3 03
 20 0020 02 37 07 83 1 3 03
 20 0030 01 41 08 09 09 53 1 3 03
 20 0040 01 19 09 67 1 3 03
 20 0050 01 32 11 35 08 59 1 3 03
 20 0060 01 30 11 97 1 3 03
 20 0070 01 76 13 93 08 32 1 3 03

77 11 0130

55 30 0 14 41 64 04 23 21 1 3 1 9
 0067 02 09 06 015

21 0000 02 92 07 61 09 87 1 3 03
 21 0005 02 92 07 67 1 3 03
 21 0010 02 90 07 65 09 89 1 3 03
 21 0015 02 89 07 66 1 3 03
 21 0020 02 17 07 69 1 3 03
 21 0030 01 72 07 73 08 71 1 3 03
 21 0040 00 63 08 01 1 3 03
 21 0050 00 62 08 40 09 13 1 3 03
 21 0060 02 07 14 61 07 98 1 3 03

77 11 0131

55 32 0 14 26 64 04 23 23 0 0 1 9
 0042 03 09 06 014

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0131

23 0000	03 46	07 66	09 94	1 3 03
23 0005	03 52	07 65		1 3 03
23 0010	03 48	07 66	09 82	1 3 03
23 0015	02 16	07 73		1 3 03
23 0020	01 23	07 80		1 3 03
23 0030	00 86	07 87	08 88	1 3 03
23 0038	00 77	08 17	09 33	1 3 03

77 11 0132	55 18	0	14 24	64 04	24	00	0 0 1 9
0045	02			00 00		012	

00 0000	02 65	07 61	09 60	1 3 03
00 0005	02 54	07 69		1 3 03
00 0010	02 56	07 61	09 55	1 3 03
00 0015	02 00	07 61		1 3 03
00 0020	01 71	07 61		1 3 03
00 0030	02 03	08 05	09 72	1 3 03
00 0040	01 77	09 83		1 3 03
00 0045	02 64	17 08	07 88	1 3 03

77 11 0133	55 00	0	14 05	64 04	24	03	0 0 1 9
0048	03			11 06		014	

03 0000	03 35	07 81	09 46	1 3 03
03 0005	03 30	07 82		1 3 03
03 0010	03 31	07 80	09 49	1 3 03
03 0015	03 14	07 86		1 3 03
03 0020	00 93	08 14		1 3 03
03 0030	01 94	11 16	09 05	1 3 03
03 0040	02 03	14 03		1 3 03
03 0045	03 37	19 35	07 72	1 3 03

77 11 0134	54 59	0	13 48	64 04	24	04	1 1 2 9
0046	03			11 06		014	

04 0000	03 35	07 84	09 56	1 3 03
04 0005	03 33	07 83		1 3 03
04 0010	03 32	07 82	09 47	1 3 03
04 0015	03 17	07 82		1 3 03
04 0020	01 87	08 00		1 3 03
04 0030	01 74	12 70	08 96	1 3 03
04 0040	03 02	19 15	07 06	1 3 03

77 11 0135	54 58	0	13 30	64 04	24	06	0 0 2 9
0046	05			09 06		017	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C			Wind		Mixed layer						
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.			depth m					
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code					
		↓	↓	↓	↓	↓	↓	↓								

77 11 0135

06 0000	02 42	07 90	09 64	1 3 03
06 0005	02 41	07 90		1 3 03
06 0010	02 44	07 90	09 61	1 3 03
06 0015	02 42	07 91		1 3 03
06 0020	00 49	08 12		1 0 03
06 0030	02 39	10 90	09 10	1 3 03
06 0040	01 24	13 31	08 53	1 3 03

77 11 0136	54 56	0	13 11	64 04	24	07	0 0 2 9
0044	05			09 06		017	

07 0000	03 75	07 85	09 42	1 3 03
07 0005	03 78	07 84		1 3 03
07 0010	03 76	07 81	09 55	1 3 03
07 0015	03 82	07 83		1 3 03
07 0020	01 20	07 91		1 3 03
07 0030	01 18	09 95	09 07	1 3 03
07 0040	02 79	15 19	08 16	1 3 03

77 11 0137	55 07	0	13 15	64 04	24	08	1 5 2 9
0038	05			09 10		014	

08 0000	04 25	07 76	09 40	1 3 03
08 0005	04 20	07 81		1 3 03
08 0010	04 16	07 77	09 44	1 3 03
08 0015	04 06	07 77		1 3 03
08 0020	03 55	07 90	09 34	1 3 03
08 0030	01 64	10 09	08 98	1 3 03
08 0035	01 59	15 48	08 99	1 3 03

77 11 0138	55 16	0	13 15	64 04	24	10	1 4 2 9
0037	07			09 10		019	

10 0000	03 66	07 74	09 40	1 3 03
10 0005	03 65	07 68		1 3 03
10 0010	03 63	07 82	09 30	1 3 03
10 0015	03 59	07 81		1 3 03
10 0020	03 44	07 76		1 3 03
10 0030	02 54	07 92	09 50	1 3 03
10 0035	01 23	10 31	08 82	1 3 03

77 11 0231	58 26	0	11 04	64 08	26	14	1 5 3 9
0058	16			18 18		029	

14 0000	13 87	32 799					3 0 03
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Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E 1-N+W 2-S+E 3-S+W										
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.		Mixed layer depth m				
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml / l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0231

14 0005	13 88		32 799						3 0 03
14 0010	13 84		32 799						3 0 03
14 0015	13 80								0 03
14 0020	13 77		32 803						3 0 03
14 0030	14 02		32 904						3 0 03
14 0040	14 27		33 012						3 0 03
14 0050	14 22		33 155						3 0 03
14 0055	14 06		33 332						3 0 03

77 11 0233	58 28	0	11 05	64 08	28 09	1 1 2 9
0058	15			27 10	014	

09 0000	15 36		28 466			3 0 03
09 0005	15 31		28 384			3 0 03
09 0010	15 32		29 227			3 0 03
09 0015	14 70		31 401			3 0 03
09 0020	14 32		32 500			3 0 03
09 0030	14 20		33 063			3 0 03
09 0040	14 13		33 503			3 0 03
09 0050	13 93		33 824			3 0 03
09 0055	13 79		33 856			3 0 03

77 11 0234	58 12	0	10 14	64 09	01 15	1 1 1 9
0340	17			09 06	009	

16 0000	13 96		30 453			3 0 03
16 0005	13 98		30 459			3 0 03
16 0010	13 77		30 561			3 0 03
16 0015	11 91		34 906			3 0 03
16 0020	09 06		34 838			3 0 03
16 0030	07 46		34 963			3 0 03
16 0050	07 48		35 137			3 0 03
16 0070	07 15		35 153			3 0 03
15 0090	06 75		35 165			3 0 03
15 0100	06 79		35 203			3 0 03
15 0125	06 75		35 207			3 0 03
15 0150	06 61		35 204			3 0 03
15 0200	06 46		35 196			3 0 03
15 0250	06 18		35 177			3 0 03
15 0300	06 00		35 169			3 0 03
15 0325	05 84		35 169			3 0 03

77 11 0235	58 18	0	10 10	64 09	02 15	1 1 1 9
0520	16			18 04		

15 0500	05 01		35 107			3 0 03
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓	bulb		Wet ↓	bulb	Dir.	Speed kn.							
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code				
			↓		↓		↓	↓	↓							
77	11	0236	58	17	0	10	15	64	09	02	16	1	1	1	9	
		0425	16					18	04		005					
	16	0000	14	04										0	03	
	16	0005	14	03										0	03	
	16	0010	12	94										0	03	
	16	0015	08	29										0	03	
	16	0020	07	82										0	03	
	16	0030	07	34										0	03	
	16	0050	07	43										0	03	
	16	0070	06	86										0	03	
	16	0090	06	71										0	03	
	16	0100	06	73										0	03	
	16	0150	06	48										0	03	
	16	0200	06	29										0	03	
	16	0250	06	05										0	03	
	16	0300	05	90										0	03	
	16	0350	05	72										0	03	
	16	0400	05	40										0	03	
77	11	0237	58	27	0	11	04	64	09	04	10	1	4	1	9	
		0058	16					18	04		000					
	10	0000	14	86		30	254							3	0	03
	10	0005	14	67		30	569							3	0	03
	10	0010	14	53		32	281							3	0	03
	10	0015	14	42		32	757							3	0	03
	10	0020	14	22		33	103							3	0	03
	10	0030	14	21		33	424							3	0	03
	10	0040	14	17		33	630							3	0	03
	10	0050	13	76		34	080							3	0	03
	10	0055	13	47		34	361							3	0	03
77	11	0238	58	25	0	11	04	64	09	07	15	1	4	2	9	
		0060	17					23	04		000					
	15	0000	15	19		29	067							3	0	03
	15	0005	14	89		29	450							3	0	03
	15	0010	14	73		31	270							3	0	03
	15	0015	14	47		32	379							3	0	03
	15	0019	14	38		32	695							3	0	03
	15	0029	14	26		33	104							3	0	03
	15	0039	14	16		33	300							3	0	03
	15	0048	13	48		34	116							3	0	03
	15	0055	07	65		35	020							3	0	03
77	11	0239	58	25	0	11	04	64	09	08	14	1	4	4	9	
		0060	15					25	22		020					

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0239

14 0000	14 75	32 658	3 0 03
14 0005	14 73	32 649	3 0 03
14 0010	14 77	32 651	3 0 03
14 0015	14 69	32 651	3 0 03
14 0020	14 70	32 673	3 0 03
14 0030	14 37	33 050	3 0 03
14 0040	14 05	33 715	3 0 03
14 0050	13 56	34 462	3 0 03
14 0057	11 38	34 847	3 0 03

77 11 0240	58 21	0	10 06	64 09	09	16	0 0 2 9
0500	14			20 06		009	

17 0000	13 40	32 263	3 0 03
17 0005	13 35	32 268	3 0 03
17 0010	13 17	32 643	3 0 03
17 0015	08 14	34 911	3 0 03
17 0020	07 62	34 976	3 0 03
17 0030	07 26	35 051	3 0 03
17 0040	07 29	35 122	3 0 03
17 0050	06 99	35 136	3 0 03
17 0070	06 73	35 133	3 0 03
16 0085	06 41	35 167	3 0 03
16 0094	06 45	35 213	3 0 03
16 0188	05 53	35 199	3 0 03
16 0287	05 70	35 174	3 0 03
16 0377	05 37	35 136	3 0 03
16 0450	05 00	35 110	3 0 03

77 11 0241	58 15	0	09 48	64 09	10	12	2 7 1 9
0550	12			32 02		004	

13 0000	13 69	31 549	3 0 03
13 0005	13 49	31 566	3 0 03
13 0010	11 65	32 904	3 0 03
13 0015	08 16	34 929	3 0 03
13 0020	07 88	34 961	3 0 03
13 0030	07 39	35 035	3 0 03
13 0040	07 19	35 073	3 0 03
13 0050	07 02	35 096	3 0 03
12 0070	06 82	35 111	3 0 03
12 0090	06 74	35 149	3 0 03
12 0100	06 60	35 148	3 0 03
12 0200	06 04	35 163	3 0 03
12 0300	05 48	35 134	3 0 03
12 0400	05 20	35 126	3 0 03
12 0500	04 99	35 110	3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W										
		Depth to bottom m	Temperature °C		Temperature °C			Wind		Mixed layer						
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.			depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰		σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Core code			
		↓	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

77 11 0241

12 0540 04 81 35 086 3 0 03

77 11 0242 58 05 0 11 17 64 10 05 13 1 3 1 9

0045 12 18 10 010

13 0000 12 36 27 448 3 0 03

13 0005 12 35 27 456 3 0 03

13 0010 12 33 27 483 3 0 03

13 0014 12 94 29 079 3 0 03

13 0019 13 30 31 247 3 0 03

13 0028 13 59 32 535 3 0 03

13 0038 13 54 33 098 3 0 03

77 11 0243 58 05 0 11 13 64 10 05 14 1 2 1 9

0053 12 18 10 009

14 0000 12 23 28 048 3 0 03

14 0005 12 22 28 049 3 0 03

14 0010 12 18 28 367 3 0 03

14 0014 13 04 30 991 3 0 03

14 0019 13 47 32 840 3 0 03

14 0028 13 46 33 232 3 0 03

14 0038 13 43 33 475 3 0 03

14 0047 13 40 33 491 3 0 03

77 11 0244 58 04 0 11 09 64 10 05 15 1 3 1 9

0100 12 18 10 008

15 0000 12 11 27 992 3 0 03

15 0005 12 11 28 137 3 0 03

15 0009 13 30 32 440 3 0 03

15 0014 13 01 32 833 3 0 03

15 0018 13 37 33 212 3 0 03

15 0027 13 37 33 313 3 0 03

15 0036 12 86 33 396 3 0 03

15 0045 13 33 33 667 3 0 03

15 0054 13 43 33 945 3 0 03

15 0063 13 44 34 101 3 0 03

15 0073 10 56 34 652 3 0 03

15 0082 07 66 35 095 3 0 03

77 11 0245 58 03 0 11 04 64 10 05 16 0 0 1 9

0127 12 18 10 000

16 0000 12 37 31 636 3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code				
		↓			↓	↓	↓	↓	↓							

77 11 0245

16	0005	12	41		31	744						3	0	03		
16	0009	12	53		32	979						3	0	03		
16	0014	12	50		33	052						3	0	03		
16	0018	12	59		33	138						3	0	03		
16	0027	12	75		33	299						3	0	03		
16	0036	12	99		33	495						3	0	03		
16	0045	13	32		33	947						3	0	03		
16	0054	13	28		34	131						3	0	03		
16	0063	12	58		34	346						3	0	03		
16	0073	12	46		34	503						3	0	03		
16	0082	12	07		34	599						3	0	03		
16	0091	11	22		34	644						3	0	03		
16	0109	07	62		35	127						3	0	03		

77	11	0246	58	02	0	10	57	64	10	05	17	0	0	1	9	
		0160	12					18	10		031					

17	0000	12	14		33	235						3	0	03		
17	0005	12	21		33	241						3	0	03		
17	0010	12	18		33	243						3	0	03		
17	0015	12	20		33	252						3	0	03		
17	0020	12	17		33	274						3	0	03		
17	0030	12	17		33	298						3	0	03		
17	0040	12	40		33	521						3	0	03		
17	0050	12	99		34	216						3	0	03		
17	0058	12	63		34	445						3	0	03		
17	0068	12	40		34	573						3	0	03		
17	0077	11	87		34	589						3	0	03		
17	0087	11	33		34	672						3	0	03		
17	0096	10	19		34	697						3	0	03		
17	0121	07	76		35	082						3	0	03		
17	0145	07	21		35	142						3	0	03		

77	11	0247	58	01	0	10	49	64	10	05	18	0	0	1	9	
		0207	11					18	08		000					

18	0000	12	18		33	207						3	0	03		
18	0005	12	24		33	207						3	0	03		
18	0010	12	23		33	209						3	0	03		
18	0015	12	23		33	208						3	0	03		
18	0020	12	21		33	219						3	0	03		
18	0030	12	26		33	280						3	0	03		
18	0040	12	72		33	837						3	0	03		
18	0050	12	94		34	202						3	0	03		
18	0060	12	76		34	399						3	0	03		
18	0070	12	73		34	544						3	0	03		
18	0080	12	15		34	512						3	0	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		Wind				Mixed layer depth m					
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code					
		↓	↓	↓	↓	↓	↓	↓								

77 11 0247

18 0090	12 00			34 583								3 0 03
18 0100	11 30			34 617								3 0 03
18 0125	08 12			35 030								3 0 03
18 0150	07 30			35 114								3 0 03
18 0175	07 10			35 105								3 0 03
18 0200	07 13			35 120								3 0 03

77 11 0248	58 00	0		10 42		64 10		05 19				0 0 1 9
0173	11					18 10		020				

19 0000	12 10			33 172								3 0 03
19 0005	12 08			33 172								3 0 03
19 0010	12 11			33 171								3 0 03
19 0015	12 11			33 196								3 0 03
19 0020	12 17			33 203								3 0 03
19 0030	12 69			33 634								3 0 03
19 0040	12 77			33 781								3 0 03
19 0050	12 98			34 077								3 0 03
19 0060	13 00			34 332								3 0 03
19 0070	13 03			34 418								3 0 03
19 0080	12 58			34 484								3 0 03
19 0090	12 04			34 481								3 0 03
19 0100	10 33			34 700								3 0 03
19 0125	08 14			35 039								3 0 03
19 0160	07 15			35 100								3 0 03

77 11 0249	57 58	0		10 35		64 10		05 20				0 0 1 9
0135	11					18 10		018				

20 0000	12 36			33 256								3 0 03
20 0005	12 37			33 255								3 0 03
20 0010	12 36			33 289								3 0 03
20 0015	12 43			33 310								3 0 03
20 0020	12 84			33 733								3 0 03
20 0030	13 01			34 206								3 0 03
20 0040	13 04			34 258								3 0 03
20 0050	13 03			34 333								3 0 03
20 0060	12 85			34 412								3 0 03
20 0070	12 72			34 454								3 0 03
20 0080	12 65			34 454								3 0 03
20 0090	12 54			34 477								3 0 03
20 0100	11 60			34 563								3 0 03
20 0125	07 73			35 079								3 0 03

77 11 0250	57 57	0		10 26		64 10		05 21				0 0 1 9
0100	11					18 12		013				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
Depth to bottom m			Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb			-Wind Dir. ↓ Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓			σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code		

77 11 0250

21 0000	12 62	33 258	3 0 03
21 0005	12 61	33 260	3 0 03
21 0010	12 62	33 262	3 0 03
21 0015	12 67	33 285	3 0 03
21 0020	12 83	33 365	3 0 03
21 0030	13 11	33 772	3 0 03
21 0040	13 38	34 094	3 0 03
21 0050	12 89	34 277	3 0 03
21 0060	12 71	34 415	3 0 03
21 0070	12 83	34 479	3 0 03
21 0080	12 38	34 534	3 0 03
21 0095	10 76	34 660	3 0 03

77 11 0251	57 55	0	10 17	64 10	05 22	0 0 1 9
0085	11			18 12	021	

22 0000	12 69	33 216	3 0 03
22 0005	12 69	33 214	3 0 03
22 0010	12 69	33 214	3 0 03
22 0015	12 72	33 224	3 0 03
22 0020	12 75	33 501	3 0 03
22 0030	13 25	33 848	3 0 03
22 0040	13 17	33 937	3 0 03
22 0050	13 16	34 041	3 0 03
22 0060	12 90	34 317	3 0 03
22 0070	11 18	34 560	3 0 03
22 0080	10 09	34 715	3 0 03

77 11 0252	58 02	0	10 11	64 10	05 23	0 0 1 9
0090	11			18 12	026	

23 0000	12 33	33 324	3 0 03
23 0005	12 34	33 327	3 0 03
23 0010	12 34	33 327	3 0 03
23 0015	12 34	33 334	3 0 03
23 0020	12 37	33 354	3 0 03
23 0030	12 39	33 954	3 0 03
23 0040	13 06	34 366	3 0 03
23 0050	12 94	34 656	3 0 03
23 0060	11 00	34 963	3 0 03
23 0070	08 92	35 000	3 0 03
23 0080	08 51	35 108	3 0 03
23 0090	07 39	35 166	3 0 03

77 11 0253	58 09	0	10 06	64 10	06 01	0 0 1 9
0275	11			18 12	017	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C			-Wind		Mixed layer						
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.			depth m					
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code					
		↓		↓	↓	↓	↓	↓								

77 11 0253

01	0000	11	81		32	657						3	0	03
01	0005	11	86		32	655						3	0	03
01	0010	11	87		32	663						3	0	03
01	0015	11	86		32	659						3	0	03
01	0020	12	11		32	900						3	0	03
01	0030	12	25		34	765						3	0	03
01	0040	08	90		34	982						3	0	03
01	0050	07	93		35	018						3	0	03
01	0060	07	78		35	065						3	0	03
01	0070	07	98		35	196						3	0	03
01	0080	07	82		35	184						3	0	03
01	0090	07	57		35	181						3	0	03
01	0100	07	11		35	135						3	0	03
01	0125	06	84		35	134						3	0	03
01	0150	06	70		35	157						3	0	03
01	0175	06	59		35	169						3	0	03
01	0200	06	75		35	211						3	0	03
01	0250	06	46		35	201						3	0	03
01	0275	06	28		35	196						3	0	03

77	11	0254	58	13	0	10	24	64	10	06	02	0	0	1	9
		0300	10					18	12		016				

03	0000	11	82		32	868						3	0	03
03	0005	11	85		32	868						3	0	03
03	0010	11	88		32	874						3	0	03
03	0015	11	88		32	876						3	0	03
03	0020	12	15		33	766						3	0	03
03	0030	11	67		34	509						3	0	03
03	0040	10	92		34	916						3	0	03
03	0050	09	68		35	055						3	0	03
03	0060	08	81		35	115						3	0	03
03	0070	08	98		35	274						3	0	03
02	0077	08	87		35	323						3	0	03
02	0087	08	80		35	308						3	0	03
02	0097	07	79		35	196						3	0	03
02	0121	06	95		35	078						3	0	03
02	0145	06	94		35	088						3	0	03
02	0169	06	96		35	107						3	0	03
02	0193	07	01		35	146						3	0	03
02	0242	06	92		35	164						3	0	03
02	0290	06	34		35	197						3	0	03

77	11	0255	58	15	0	10	34	64	10	06	04	0	0	1	9
		0275	10					18	08		012				

04	0000	11	59		32	612						3	0	03
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0255

04	0005	11	66		32	613						3	0	03		
04	0010	11	73		32	645						3	0	03		
04	0015	11	94		32	900						3	0	03		
04	0020	12	18		33	943						3	0	03		
04	0030	12	07		34	110						3	0	03		
04	0040	11	82		34	524						3	0	03		
04	0050	11	03		34	848						3	0	03		
04	0060	09	72		35	066						3	0	03		
04	0070	08	71		35	175						3	0	03		
04	0080	08	69		35	260						3	0	03		
04	0090	08	31		35	260						3	0	03		
04	0100	07	39		35	130						3	0	03		
04	0125	06	99		35	097						3	0	03		
04	0150	06	99		35	096						3	0	03		
04	0175	07	01		35	110						3	0	03		
04	0200	06	96		35	118						3	0	03		
04	0250	06	98		35	165						3	0	03		

77	11	0256	58	16	0	10	44	64	10	06	05	0	0	1	9	
		0185	10					18	08		009					

05	0000	11	60		32	400						3	0	03		
05	0005	11	67		32	388						3	0	03		
05	0010	11	80		32	628						3	0	03		
05	0015	11	91		32	791						3	0	03		
05	0020	11	90		33	141						3	0	03		
05	0030	12	18		34	104						3	0	03		
05	0040	11	89		34	533						3	0	03		
05	0050	10	08		34	890						3	0	03		
05	0060	08	68		35	067						3	0	03		
05	0070	07	84		35	067						3	0	03		
05	0080	07	69		35	106						3	0	03		
05	0090	07	57		35	110						3	0	03		
05	0100	07	20		35	078						3	0	03		
05	0125	07	23		35	111						3	0	03		
05	0150	07	09		35	130						3	0	03		
05	0175	06	95		35	171						3	0	03		

77	11	0257	58	18	0	10	49	64	10	06	06	1	4	1	9	
		0155	11					18	12		000					

07	0000	11	69		32	368						3	0	03		
07	0005	11	65		32	373						3	0	03		
07	0010	11	73		32	451						3	0	03		
07	0015	11	78		32	796						3	0	03		
07	0020	11	89		32	981						3	0	03		
07	0030	12	16		33	957						3	0	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m							
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code					

77 11 0260

10	0005	12	41	28	684							3	0	03
10	0010	13	34	31	969							3	0	03
10	0015	13	53	32	809							3	0	03
10	0020	13	54	32	970							3	0	03
10	0030	13	34	33	337							3	0	03
10	0040	13	30	33	543							3	0	03

77	11	0261	58	20	0	11	10	64	10	06	11	1	6	1	9
		0035	12					16	14		007				

11	0000	12	38	28	034							3	0	03
11	0005	12	36	28	050							3	0	03
11	0010	12	63	28	750							3	0	03
11	0015	13	35	31	526							3	0	03
11	0020	13	46	32	655							3	0	03
11	0030	13	41	33	104							3	0	03

77	11	0262	58	05	0	11	17	64	10	06	14	1	5	2	9
		0043	12					18	14		011				

14	0000	12	36	26	729							3	0	03
14	0005	12	36	26	721							3	0	03
14	0010	12	27	26	987							3	0	03
14	0015	12	75	28	198							3	0	03
14	0020	13	21	30	543							3	0	03
14	0030	13	34	31	985							3	0	03
14	0040	13	61	32	759							3	0	03

77	11	0263	58	05	0	11	13	64	10	06	14	1	6	2	9
		0048	12					18	14		000				

14	0000	12	41	27	034							3	0	03
14	0005	12	39	26	998							3	0	03
14	0009	12	74	27	929							3	0	03
14	0014	13	07	29	913							3	0	03
14	0019	13	18	31	274							3	0	03
14	0028	13	36	32	161							3	0	03
14	0038	13	50	33	091							3	0	03
14	0042	13	46	33	328							3	0	03

77	11	0264	58	04	0	11	09	64	10	06	15	0	0	2	9
		0097	12					18	14		008				

15	0000	12	19	29	073							3	0	03
15	0005	12	20	29	082							3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0264

15	0009	12	36		29	876						3	0	03		
15	0014	13	44		32	436						3	0	03		
15	0018	13	33		33	147						3	0	03		
15	0027	13	39		33	293						3	0	03		
15	0036	13	35		33	449						3	0	03		
15	0045	13	19		33	514						3	0	03		
15	0054	12	67		33	755						3	0	03		
15	0064	12	63		34	426						3	0	03		
15	0073	11	78		34	581						3	0	03		
15	0082	09	69		34	843						3	0	03		

77	11	0265	58	03	0	11	04	64	10	06	16	0	0	3	9	
		0125	12					18	14		031					

16	0000	12	26		33	203						3	0	03		
16	0005	12	22		33	165						3	0	03		
16	0010	12	21		33	168						3	0	03		
16	0015	12	18		33	195						3	0	03		
16	0020	12	18		33	273						3	0	03		
16	0030	12	16		33	315						3	0	03		
16	0040	13	14		33	974						3	0	03		
16	0050	13	00		34	241						3	0	03		
16	0060	12	73		34	438						3	0	03		
16	0070	12	68		34	527						3	0	03		
16	0080	12	48		34	527						3	0	03		
16	0090	11	07		34	725						3	0	03		
16	0100	09	50		34	802						3	0	03		
16	0120	07	52		35	111						3	0	03		

77	11	0266	58	02	0	10	57	64	10	06	17	1	1	3	9	
		0160	12					18	14		025					

17	0000	12	22		33	139						3	0	03		
17	0005	12	17		33	143						3	0	03		
17	0010	12	19		33	176						3	0	03		
17	0015	12	21		33	167						3	0	03		
17	0020	12	20		33	246						3	0	03		
17	0030	12	41		33	382						3	0	03		
17	0040	13	05		34	022						3	0	03		
17	0050	12	97		34	272						3	0	03		
17	0060	12	94		34	401						3	0	03		
17	0070	12	41		34	497						3	0	03		
17	0080	11	90		34	575						3	0	03		
17	0090	11	59		34	611						3	0	03		
17	0100	11	74		34	654						3	0	03		
17	0125	07	92		35	069						3	0	03		
17	0150	07	61		35	122						3	0	03		

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			o	'		o	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. ‰ ↓	Salin. method	Extra info.	Card code			

77 11 0269

21	0030	12	85		33	726						3	0	03
20	0040	13	14		34	162						3	0	03
20	0050	13	03		34	256						3	0	03
20	0060	12	91		34	347						3	0	03
20	0070	12	70		34	458						3	0	03
20	0080	12	55		34	466						3	0	03
20	0090	12	63		34	507						3	0	03
20	0100	12	36		34	533						3	0	03
20	0125	08	21		35	080						3	0	03

77	11	0270	57	57	0	10	26	64	10	06	22	2	8	4	9
		0100	12					16	20		014				

22	0000	12	69		33	190						3	0	03
22	0005	12	72		33	199						3	0	03
22	0010	12	69		33	200						3	0	03
22	0015	12	83		33	269						3	0	03
22	0019	13	28		33	559						3	0	03
22	0029	13	09		33	644						3	0	03
22	0039	13	43		34	060						3	0	03
22	0048	12	94		34	314						3	0	03
22	0058	12	69		34	431						3	0	03
22	0068	12	69		34	472						3	0	03
22	0077	12	20		34	552						3	0	03
22	0087	11	16		34	619						3	0	03

77	11	0271	57	55	0	10	17	64	10	06	23	2	8	4	9
		0083	11					20	22		011				

23	0000	12	96		32	911						3	0	03
23	0005	12	89		32	917						3	0	03
23	0010	12	98		32	983						3	0	03
23	0015	13	17		33	399						3	0	03
23	0019	13	03		33	531						3	0	03
23	0029	13	16		33	714						3	0	03
23	0039	13	31		33	964						3	0	03
23	0048	13	44		34	066						3	0	03
23	0058	13	07		34	385						3	0	03
23	0068	12	32		34	509						3	0	03
23	0077	11	34		34	615						3	0	03

77	11	0272	58	02	0	10	11	64	10	06	24	2	8	4	9
		0110	12					23	22		014				

24	0000	11	94		33	034						3	0	03
24	0005	11	92		33	013						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		Wind				Mixed layer depth m					
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code					
		↓	↓	↓	↓	↓	↓	↓								

77 11 0272

24	0009	11	90		33	001						3	0	03
24	0014	11	95		33	084						3	0	03
24	0018	11	97		33	369						3	0	03
24	0027	12	12		33	402						3	0	03
24	0036	11	92		34	629						3	0	03
24	0045	11	74		34	662						3	0	03
24	0054	10	67		34	803						3	0	03
24	0063	09	45		35	091						3	0	03
24	0073	08	15		35	089						3	0	03
24	0082	07	83		35	076						3	0	03
24	0091	07	89		35	112						3	0	03

77	11	0273	58	09	0	10	06	64	10	07	01	2	8	4	9
		0215	12					23	26		032				

02	0000	11	95		33	019						3	0	03
02	0005	11	95		33	014						3	0	03
02	0010	11	93		33	024						3	0	03
02	0014	12	00		33	135						3	0	03
02	0019	12	03		33	855						3	0	03
02	0028	11	94		34	485						3	0	03
02	0038	11	55		34	804						3	0	03
02	0047	09	46		34	985						3	0	03
02	0056	08	99		35	152						3	0	03
01	0066	08	94		35	281						3	0	03
01	0075	08	83		35	299						3	0	03
01	0085	08	57		35	275						3	0	03
01	0094	08	24		35	242						3	0	03
01	0117	07	29		35	128						3	0	03
01	0141	07	34		35	127						3	0	03
01	0164	07	34		35	140						3	0	03
01	0188	07	44		35	171						3	0	03

77	11	0274	58	13	0	10	24	64	10	07	03	2	8	4	9
		0265	12					23	22		025				

04	0000	11	82		32	646						3	0	03
04	0005	11	83		32	647						3	0	03
04	0010	11	84		32	654						3	0	03
04	0014	11	85		32	649						3	0	03
04	0019	11	84		32	669						3	0	03
04	0028	11	88		34	364						3	0	03
04	0038	10	67		34	745						3	0	03
04	0047	10	26		35	072						3	0	03
04	0056	09	08		35	104						3	0	03
04	0066	08	96		35	283						3	0	03
03	0080	08	91		35	309						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice	
			0:N+E	1:N+W	2:S+E	3:S+W											
		Depth to bottom m	Temperature °C			Temperature °C			-Wind			Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.							
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code			
			↓			↓			↓	↓	↓	↓					

77 11 0274

03	0090	08	77		35	299						3	0	03		
03	0100	08	65		35	299						3	0	03		
03	0125	07	24		35	139						3	0	03		
03	0150	06	87		35	146						3	0	03		
03	0175	06	83		35	150						3	0	03		
03	0200	06	77		35	182						3	0	03		
03	0250	06	64		35	193						3	0	03		

77	11	0275	58	15	0	10	34	64	10	07	05	2	8	4	9	
		0275	12					23	20		021					

05	0000	11	86		32	756						3	0	03		
05	0005	11	87		32	756						3	0	03		
05	0010	11	84		32	762						3	0	03		
05	0015	11	89		32	968						3	0	03		
05	0020	12	00		33	394						3	0	03		
05	0030	12	21		34	127						3	0	03		
05	0040	11	87		34	582						3	0	03		
05	0050	10	07		34	822						3	0	03		
05	0060	09	28		34	871						3	0	03		
05	0070	09	03		34	975						3	0	03		
05	0075	08	43		34	978						3	0	03		
05	0085	08	32		35	006						3	0	03		
05	0094	07	99		35	051						3	0	03		
05	0117	07	53		35	108						3	0	03		
05	0141	07	04		35	081						3	0	03		
05	0164	06	99		35	077						3	0	03		
05	0188	06	99		35	082						3	0	03		
05	0234	06	95		35	085						3	0	03		
05	0254	07	01		35	104						3	0	03		

77	11	0276	58	16	0	10	44	64	10	07	06	2	8	4	9	
		0185	12					23	20		014					

06	0000	12	09		33	170						3	0	03		
06	0005	12	12		33	172						3	0	03		
06	0010	12	12		33	193						3	0	03		
06	0015	12	30		33	309						3	0	03		
06	0020	12	37		33	339						3	0	03		
06	0030	13	08		34	241						3	0	03		
06	0040	13	15		34	366						3	0	03		
06	0050	12	76		34	399						3	0	03		
06	0060	10	71		34	812						3	0	03		
06	0070	09	51		34	855						3	0	03		
06	0080	09	36		34	845						3	0	03		
06	0090	09	07		34	894						3	0	03		
06	0100	08	97		35	092						3	0	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'	"	°	'	"								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind Dir. Speed kn.		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb										
		Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code
				↓			↓			↓	↓	↓	↓			

77 11 0276

06	0125	07	93			35	193						3	0	03
06	0150	07	16			35	109						3	0	03
06	0175	07	02			35	146						3	0	03

77	11	0277	58	18	0	10	49	64	10	07	07		2	8	4	9
		0160	12									028				

07	0000	12	39			33	327						3	0	03
07	0005	12	34			33	327						3	0	03
07	0010	12	37			33	329						3	0	03
07	0015	12	35			33	332						3	0	03
07	0020	12	36			33	333						3	0	03
07	0030	12	55			33	497						3	0	03
07	0040	13	04			34	265						3	0	03
07	0050	12	52			34	407						3	0	03
07	0060	11	25			34	619						3	0	03
07	0070	10	19			34	774						3	0	03
07	0080	09	71			34	804						3	0	03
07	0090	09	16			34	880						3	0	03
07	0100	08	54			35	146						3	0	03
07	0125	07	61			35	143						3	0	03
07	0150	07	02			35	141						3	0	03

77	11	0278	58	19	0	10	57	64	10	07	09		2	8	4	9
		0110	12									025				

09	0000	11	86			32	871						3	0	03
09	0005	11	87			32	873						3	0	03
09	0010	11	88			32	869						3	0	03
09	0015	11	86			32	872						3	0	03
09	0020	11	87			32	893						3	0	03
09	0030	12	05			33	435						3	0	03
09	0040	12	15			34	194						3	0	03
09	0050	11	77			34	480						3	0	03
09	0060	10	78			34	813						3	0	03
09	0070	09	76			34	824						3	0	03
09	0080	08	37			34	990						3	0	03
09	0090	07	95			35	040						3	0	03
09	0100	07	40			35	095						3	0	03

77	11	0279	58	20	0	11	02	64	10	07	10		2	8	4	9
		0085	12									025				

10	0000	12	30			31	594						3	0	03
10	0005	12	25			31	586						3	0	03
10	0010	12	20			32	014						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0279

10	0015	12	09	32	996							3	0	03		
10	0020	12	08	33	093							3	0	03		
10	0030	12	17	33	223							3	0	03		
10	0040	12	82	33	705							3	0	03		
10	0050	12	88	34	318							3	0	03		
10	0060	12	09	34	455							3	0	03		
10	0070	10	80	34	681							3	0	03		
10	0080	09	78	34	800							3	0	03		

77	11	0280	58	20	0	11	06	64	10	07	11	2	7	4	9	
		0035	12					18	24		009					

11	0000	12	37	27	820							3	0	03		
11	0005	12	36	27	836							3	0	03		
11	0010	12	42	27	890							3	0	03		
11	0015	12	58	29	210							3	0	03		
11	0020	13	20	31	617							3	0	03		
11	0030	13	48	32	833							3	0	03		

77	11	0281	58	20	0	11	10	64	10	07	12	2	8	4	9	
		0035	12					20	24		009					

12	0000	12	25	27	301							3	0	03		
12	0005	12	22	27	309							3	0	03		
12	0010	12	49	28	416							3	0	03		
12	0015	13	10	30	746							3	0	03		
12	0020	13	48	32	748							3	0	03		
12	0030	13	45	33	244							3	0	03		

77	11	0282	58	05	0	11	17	64	10	08	14	1	4	4	9	
		0045	13					18	20		013					

14	0000	12	42	26	019							3	0	03		
14	0005	12	45	26	044							3	0	03		
14	0010	12	36	26	322							3	0	03		
14	0015	12	64	28	492							3	0	03		
14	0020	12	91	31	173							3	0	03		
14	0030	13	36	32	462							3	0	03		
14	0040	13	51	32	926							3	0	03		

77	11	0283	58	05	0	11	13	64	10	08	14	1	4	4	9	
		0055	13					18	20		009					

14	0000	12	49	26	276							3	0	03		
14	0005	12	50	26	510							3	0	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W	0	1								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb			Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code				

77 11 0283

14	0010	12	75		30	107						3	0	03		
14	0015	12	84		30	832						3	0	03		
14	0020	12	89		31	987						3	0	03		
14	0030	13	06		32	492						3	0	03		
14	0040	13	30		33	297						3	0	03		
14	0050	13	10		33	428						3	0	03		

77	11	0284	58	04	0	11	09	64	10	08	15	1	4	5	9	
		0090	12					18	22		042					

15	0000	13	37		32	732						3	0	03		
15	0005	13	38		32	716						3	0	03		
15	0010	13	36		32	731						3	0	03		
15	0015	13	35		32	765						3	0	03		
15	0020	13	37		32	907						3	0	03		
15	0030	13	40		32	988						3	0	03		
15	0040	13	38		33	250						3	0	03		
15	0050	13	27		33	436						3	0	03		
15	0060	12	89		33	770						3	0	03		
15	0070	10	30		34	677						3	0	03		
15	0080	09	23		34	898						3	0	03		

77	11	0285	58	03	0	11	04	64	10	08	15	1	5	5	9	
		0125	12					18	24		009					

15	0000	12	78		32	923						3	0	03		
15	0005	12	76		32	930						3	0	03		
15	0010	12	58		32	996						3	0	03		
15	0015	12	40		33	099						3	0	03		
15	0020	12	36		33	151						3	0	03		
15	0030	12	31		33	210						3	0	03		
15	0040	12	28		33	253						3	0	03		
15	0050	12	31		33	292						3	0	03		
15	0060	12	87		33	720						3	0	03		
15	0070	12	73		34	331						3	0	03		
15	0080	11	53		34	672						3	0	03		
15	0090	10	10		34	729						3	0	03		
15	0100	08	68		34	913						3	0	03		
15	0120	08	31		34	991						3	0	03		

77	11	0286	58	02	0	10	57	64	10	08	16	1	4	5	9	
		0160	12					18	22		000					

16	0000	12	80		32	975						3	0	03		
16	0005	12	72		32	955						3	0	03		
16	0010	12	65		32	986						3	0	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0286

16	0015	12	38		33	234						3	0	03		
16	0020	12	37		33	200Q						3	0	03		
16	0030	12	39		33	295						3	0	03		
16	0040	12	29		33	354						3	0	03		
16	0050	13	02		33	855						3	0	03		
16	0060	13	13		34	129						3	0	03		
16	0070	12	73		34	401						3	0	03		
16	0080	12	12		34	586						3	0	03		
16	0090	11	43		34	664						3	0	03		
16	0100	10	78		34	695						3	0	03		
16	0125	07	63		35	090						3	0	03		
16	0150	07	56		35	103						3	0	03		

77	11	0287	58	01	0	10	49	64	10	08	17	1	3	5	9		
		0207	12					18	22		025						

18	0000	12	59		33	123						3	0	03		
18	0005	12	62		33	122						3	0	03		
18	0010	12	59		33	118						3	0	03		
18	0015	12	57		33	127						3	0	03		
18	0020	12	59		33	164						3	0	03		
18	0030	12	33		33	285						3	0	03		
18	0040	12	44		33	387						3	0	03		
18	0050	12	79		33	684						3	0	03		
18	0060	13	02		34	246						3	0	03		
18	0070	12	66		34	438						3	0	03		
17	0080	12	44		34	524						3	0	03		
17	0090	12	02		34	576						3	0	03		
17	0100	11	15		34	656						3	0	03		
17	0125	08	41		34	934						3	0	03		
17	0150	07	53		35	106						3	0	03		
17	0175	07	09		35	126						3	0	03		
17	0200	07	09		35	144						3	0	03		

77	11	0288	58	00	0	10	42	64	10	08	19	1	3	5	9		
		0175	12					18	24		027						

19	0000	12	83		33	286						3	0	03		
19	0005	12	81		33	285						3	0	03		
19	0010	12	80		33	283						3	0	03		
19	0015	12	83		33	283						3	0	03		
19	0020	12	79		33	292						3	0	03		
19	0030	12	66		33	415						3	0	03		
19	0040	13	14		34	036						3	0	03		
19	0050	13	04		34	216						3	0	03		
19	0060	12	98		34	368						3	0	03		
19	0070	12	92		34	440						3	0	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
			↓			↓			↓	↓	↓					

77 11 0288

19	0080	12	70		34	575						3	0	03		
19	0090	11	80		34	606						3	0	03		
19	0100	11	27		34	646						3	0	03		
19	0125	07	91		35	027						3	0	03		
19	0150	07	42		35	098						3	0	03		
19	0170	07	24		35	117						3	0	03		

77	11	0289	57	58	0	10	35	64	10	08	20	1	2	4	9	
		0135	12					18	24		028					

20	0000	12	58		33	161						3	0	03		
20	0005	12	56		33	156						3	0	03		
20	0010	12	53		33	158						3	0	03		
20	0015	12	48		33	200						3	0	03		
20	0020	12	43		33	258						3	0	03		
20	0030	13	05		33	672						3	0	03		
20	0040	13	08		34	098						3	0	03		
20	0050	12	99		34	374						3	0	03		
20	0060	12	92		34	395						3	0	03		
20	0070	12	79		34	491						3	0	03		
20	0080	12	47		34	548						3	0	03		
20	0090	11	33		34	643						3	0	03		
20	0100	10	04		34	758						3	0	03		
20	0125	07	76		35	082						3	0	03		

77	11	0290	57	57	0	10	26	64	10	08	21	2	8	4	9	
		0100	12					18	26		022					

21	0000	12	88		33	245						3	0	03		
21	0005	12	88		33	246						3	0	03		
21	0010	12	89		33	248						3	0	03		
21	0015	12	87		33	260						3	0	03		
21	0020	12	92		33	309						3	0	03		
21	0030	13	22		33	816						3	0	03		
21	0040	13	22		34	024						3	0	03		
21	0050	13	17		34	106						3	0	03		
21	0060	12	72		34	416						3	0	03		
21	0070	12	47		34	547						3	0	03		
21	0080	11	80		34	619						3	0	03		
21	0090	08	45		35	015						3	0	03		

77	11	0291	57	55	0	10	17	64	10	08	22	2	8	4	9	
		0085	12					18	26		014					

22	0000	12	12		33	004						3	0	03		
22	0005	12	14		33	001						3	0	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice	
			0	1	2	3	0	1									2
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb			Wind Dir. Speed kn.		Mixed layer depth m						
Obs. time		Obs. depth m	Temperature °C ↓			Salinity ‰ ↓			σ_t ↓		ml/l	Oxygen	Saturat. ‰ ↓	Salin. method	Extra info.	Card code	

77 11 0291

22	0010	12 12			33	012							3	0	03
22	0015	12 21			33	177							3	0	03
22	0020	12 21			33	218							3	0	03
22	0030	12 61			33	668							3	0	03
22	0040	12 33			34	166							3	0	03
22	0050	11 64			34	685							3	0	03
22	0060	10 24			34	768							3	0	03
22	0070	09 10			34	983							3	0	03
22	0080	08 78			34	993							3	0	03

77	11	0292	58	02	0	10	11	64	10	08	23		0	0	5	9
		0090		10					18	24		028				

23	0000	12 12			33	098							3	0	03
23	0005	12 12			33	092							3	0	03
23	0010	12 10			33	094							3	0	03
23	0015	12 12			33	094							3	0	03
23	0020	12 11			33	104							3	0	03
23	0030	12 01			33	971							3	0	03
23	0040	11 57			34	593							3	0	03
23	0050	10 47			34	812							3	0	03
23	0060	09 91			34	863							3	0	03
23	0070	09 36			34	925							3	0	03
23	0080	09 29			34	954							3	0	03

77	11	0293	58	09	0	10	06	64	10	09	01		0	0	5	9
		0215		10					18	24		025				

02	0000	12 03			33	010							3	0	03
02	0005	12 01			33	007							3	0	03
02	0010	12 02			33	021							3	0	03
02	0015	12 03			33	059							3	0	03
02	0019	12 07			33	165							3	0	03
02	0029	11 54			34	666							3	0	03
02	0039	10 09			35	035							3	0	03
02	0048	09 79			35	213							3	0	03
02	0058	09 10			35	295							3	0	03
01	0064	09 12			35	283							3	0	03
01	0073	08 99			35	315							3	0	03
01	0082	08 81			35	312							3	0	03
01	0091	08 04			35	231							3	0	03
01	0113	07 36			35	112							3	0	03
01	0136	07 45			35	122							3	0	03
01	0159	07 38			35	122							3	0	03
01	0182	07 44			35	130							3	0	03

77	11	0294	58	13	0	10	24	64	10	09	03		1	6	5	9
		0230		10					18	24		040				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0294

03	0000	12	11		33	112						3	0	03
03	0005	12	10		33	093						3	0	03
03	0010	12	09		33	092						3	0	03
03	0015	12	10		33	096						3	0	03
03	0020	12	10		33	093						3	0	03
03	0030	12	13		33	124						3	0	03
03	0040	12	14		34	079						3	0	03
03	0050	11	73		34	616						3	0	03
03	0060	10	88		34	898						3	0	03
03	0070	09	63		35	033						3	0	03
03	0080	08	32		35	095						3	0	03
03	0090	08	02		35	108						3	0	03
03	0100	07	68		35	118						3	0	03
03	0125	07	25		35	107						3	0	03
03	0150	07	28		35	117						3	0	03
03	0175	07	37		35	128						3	0	03
03	0200	07	38		35	135						3	0	03
03	0225	07	46		35	165						3	0	03

77	11	0295	58	15	0	10	34	64	10	09	04	2	8	5	9
		0275	10					18	24		016				

05	0000	12	17		33	090						3	0	03
05	0005	12	15		33	090						3	0	03
05	0010	12	17		33	089						3	0	03
05	0015	12	16		33	101						3	0	03
05	0020	12	38		33	211						3	0	03
05	0030	13	16		33	852						3	0	03
05	0040	13	20		34	072						3	0	03
05	0050	12	31		34	361						3	0	03
05	0060	11	86		34	672						3	0	03
05	0070	11	61		34	686						3	0	03
04	0077	11	24		34	837						3	0	03
04	0087	09	56		35	105						3	0	03
04	0097	08	03		35	146						3	0	03
04	0121	07	51		35	146						3	0	03
04	0145	07	25		35	118						3	0	03
04	0169	07	30		35	134						3	0	03
04	0193	07	33		35	152						3	0	03
04	0242	06	79		35	161						3	0	03

77	11	0296	58	16	0	10	44	64	10	09	05	2	8	4	9
		0185	11					18	20		025				

06	0000	12	23		33	061						3	0	03
06	0005	12	17		33	061						3	0	03
06	0010	12	11		33	055						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code				
		↓			↓	↓	↓	↓	↓							

77 11 0296

06	0015	12	14		33	056						3	0	03
06	0020	12	17		33	094						3	0	03
06	0030	12	58		33	427						3	0	03
06	0040	13	18		33	914						3	0	03
06	0050	13	00		34	152						3	0	03
06	0060	12	99		34	418						3	0	03
05	0070	12	59		34	434						3	0	03
05	0080	11	70		34	622						3	0	03
05	0090	10	83		34	720						3	0	03
05	0100	09	91		35	004						3	0	03
05	0125	08	02		35	091						3	0	03
05	0150	07	59		35	117						3	0	03
05	0175	07	22		35	116						3	0	03

77	11	0297	58	18	0	10	49	64	10	09	07	2	8	4	9
		0160	11					16	20		032				

07	0000	12	61		33	259						3	0	03
07	0005	12	60		33	258						3	0	03
07	0010	12	59		33	259						3	0	03
07	0015	12	62		33	262						3	0	03
07	0020	12	62		33	260						3	0	03
07	0030	12	62		33	262						3	0	03
07	0040	12	75		33	549						3	0	03
07	0050	13	06		34	216						3	0	03
07	0060	12	97		34	365						3	0	03
07	0070	12	91		34	408						3	0	03
07	0080	12	65		34	464						3	0	03
07	0090	12	48										0	03
07	0100	11	37		34	570						3	0	03
07	0125	08	03		35	050						3	0	03
07	0150	07	54		35	101						3	0	03

77	11	0298	58	19	0	10	57	64	10	09	07	2	8	4	9
		0110	11					16	20		029				

08	0000	12	95		33	250						3	0	03
08	0005	12	91		33	243						3	0	03
08	0010	12	92		33	245						3	0	03
08	0015	12	90		33	245						3	0	03
08	0020	12	90		33	253						3	0	03
08	0030	12	98		33	358						3	0	03
07	0040	12	96		33	552						3	0	03
07	0050	13	23		34	006						3	0	03
07	0060	13	02		34	245						3	0	03
07	0070	12	95		34	407						3	0	03
07	0080	12	62		34	520						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0:N+E	1:N+W								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind Dir. Speed kn.		Mixed layer depth m					
		Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code

77 11 0298

07 0090	12 17		34 552										3 0 03
07 0100	11 81		34 677										3 0 03

77 11 0299	58 20	0	11 02	64 10	09	08	2 8 3 9
0090	11			14 16		003	

08 0000	12 48		28 879				3 0 03
08 0005	12 61		29 946				3 0 03
08 0010	12 82		31 251				3 0 03
08 0015	12 80		32 244				3 0 03
08 0020	12 74		32 260				3 0 03
08 0030	12 70		33 124				3 0 03
08 0040	12 45		33 370				3 0 03
08 0050	12 47		33 374				3 0 03
08 0060	12 59		33 418				3 0 03
08 0070	12 61		33 566				3 0 03
08 0080	11 55		34 463				3 0 03

77 11 0300	58 20	0	11 06	64 10	09	09	2 8 2 9
0040	10			14 14		000	

09 0000	12 28		26 282				3 0 03
09 0005	12 33		26 509				3 0 03
09 0010	12 39		27 409				3 0 03
09 0015	12 56		28 762				3 0 03
09 0020	12 91		30 640				3 0 03
09 0030	12 92		32 049				3 0 03
09 0035	12 81		32 760				3 0 03

77 11 0301	58 20	0	11 10	64 10	09	09	2 8 2 9
0035	10			11 12		014	

09 0000	12 32		26 386				3 0 03
09 0005	12 30		26 456				3 0 03
09 0010	12 31		26 667				3 0 03
09 0015	12 39		26 785				3 0 03
09 0020	12 58		28 931				3 0 03
09 0030	12 80		31 684				3 0 03

77 11 0302	57 53	0	11 25	64 10	12	12	2 8 2 9
0065	11			11 12		006	

12 0000	11 73		27 663				3 4 03
12 0005	11 75		27 651				3 4 03
12 0010	11 62		27 868				3 4 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
			↓			↓			↓	↓	↓	↓	↓	↓		

77 11 0302

12 0015	12 74	30 509										3 4 03
12 0020	12 98	32 374										3 4 03
12 0030	13 08	33 094										3 4 03
12 0040	12 78	33 670										3 4 03
12 0050	12 47	34 001										3 4 03

77 11 0303 57 52 0 11 18 64 10 12 13 2 8 2 9
0100 11 11 12 005

13 0000	12 17	31 303						05 97				3 4 03
13 0005	12 19	31 359										3 4 03
13 0010	12 32	32 157						06 03				3 4 03
13 0015	12 26	33 005										3 4 03
13 0020	12 10	33 269										3 4 03
13 0030	12 33	33 416						05 85				3 4 03
13 0040	12 39	33 416										3 4 03
13 0050	12 57	33 611						05 81				3 4 03
13 0060	12 58	33 720										3 4 03
13 0070	12 33	34 185						05 53				3 4 03
13 0080	11 38	34 506										3 4 03
13 0090	08 78	34 922						05 15				3 4 03

77 11 0304 57 50 0 11 04 64 10 12 14 2 8 3 9
0048 11 11 14 003

14 0000	12 01	29 260										3 4 03
14 0005	12 49	30 896										3 4 03
14 0010	12 94	32 697										3 4 03
14 0014	12 92	32 919										3 4 03
14 0019	12 89	33 102										3 4 03
14 0028	12 68	33 504										3 4 03
14 0038	12 58	33 767										3 4 03

77 11 0305 57 48 0 10 52 64 10 12 15 2 8 3 9
0056 11 14 16 014

15 0000	12 04	31 214										3 4 03
15 0005	12 03	31 383										3 4 03
15 0010	12 06	33 388										3 4 03
15 0015	11 95	33 587										3 4 03
15 0020	12 23	33 839										3 4 03
15 0030	12 47	33 992										3 4 03
15 0040	12 33	34 015										3 4 03
15 0050	12 28	34 055										3 4 03

77 11 0306 57 48 0 10 42 64 10 12 16 2 8 4 9
0077 10 14 16 014

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	'	''	0	'	''								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	Oxygen		Saturat. ‰	Salin. method	Extra Info.	Card code		
		↓			↓			↓	ml/l		↓					

77 11 0306

16	0000	12	12		33	162						3	0	03
16	0005	12	12		33	195						3	0	03
16	0010	12	09		33	261						3	0	03
16	0015	12	04		33	357						3	0	03
16	0020	11	98		33	449						3	0	03
16	0030	12	04		33	804						3	0	03
16	0040	11	96		33	898						3	0	03
16	0050	11	99		33	947						3	0	03
16	0060	12	26		34	180						3	0	03
16	0070	12	12		34	348						3	0	03

77	11	0307	57	52	0	10	36	64	10	12	17	6	8	4	9
		0115	10					14	16		017				

17	0000	11	69		33	662						3	0	03
17	0005	11	62		33	671						3	0	03
17	0010	11	64		33	676						3	0	03
17	0015	11	65		33	683						3	0	03
17	0020	11	78		33	778						3	0	03
17	0030	11	84		33	894						3	0	03
17	0040	11	93		34	043						3	0	03
17	0050	11	91		34	176						3	0	03
17	0060	11	70		34	475						3	0	03
17	0070	11	28		34	662						3	0	03
17	0080	11	04		34	742						3	0	03
17	0090	10	33		34	829						3	0	03
17	0100	09	96		34	873						3	0	03

77	11	0308	57	56	0	10	30	64	10	12	18	6	8	4	9
		0110	09					14	16		017				

18	0000	11	81		33	425						3	0	03
18	0005	11	79		33	431						3	0	03
18	0010	11	79		33	429						3	0	03
18	0015	11	84		33	446						3	0	03
18	0020	11	98		33	796						3	0	03
18	0030	12	03		33	897						3	0	03
18	0040	12	00		33	988						3	0	03
18	0050	12	00		34	022						3	0	03
18	0060	11	82		34	321						3	0	03
18	0070	11	69		34	478						3	0	03
18	0080	11	59		34	586						3	0	03
18	0090	11	39		34	666						3	0	03
18	0100	10	61		34	781						3	0	03

77	11	0309	58	03	0	10	19	64	10	12	20	6	8	4	9
		0100	09					14	24		024				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice	
			0:N+E	1:N+W	2:S+E	3:S+W	0	1									2
		Depth to bottom m	Temperature °C		Temperature °C			-Wind		Mixed layer							
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.									
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Core						
		↓		↓	↓	↓	↓	↓									

77 11 0309

20 0000	11 68	33 531	3 0 03
20 0005	11 67	33 531	3 0 03
20 0010	11 68	33 530	3 0 03
20 0015	11 68	33 536	3 0 03
20 0020	11 72	33 573	3 0 03
20 0030	11 84	34 002	3 0 03
20 0040	11 95	34 476	3 0 03
20 0050	11 82	34 529	3 0 03
20 0060	11 71	34 670	3 0 03
20 0070	10 34	34 830	3 0 03
20 0080	10 20	34 916	3 0 03
20 0090	09 25	34 912	3 0 03

77 11 0310	58 11	0	10 07	64 10	12	21	6 8 4 9
0275	09			14 22		019	

22 0000	11 73	32 868	3 0 03
22 0005	11 69	32 898	3 0 03
22 0010	11 68	32 903	3 0 03
22 0015	11 65	32 958	3 0 03
22 0020	11 87	33 743	3 0 03
22 0030	10 58	34 984	3 0 03
22 0040	09 19	35 037	3 0 03
22 0050	08 87	35 188	3 0 03
22 0060	08 88	35 291	3 0 03
22 0070	07 64	35 139	3 0 03
21 0080	07 44	35 110	3 0 03
21 0090	07 39	35 113	3 0 03
21 0100	07 36	35 105	3 0 03
21 0125	07 44	35 163	3 0 03
21 0150	07 08	35 138	3 0 03
21 0175	06 97	35 125	3 0 03
21 0200	06 78	35 157	3 0 03
21 0250	05 52	35 149	3 0 03

77 11 0311	58 16	0	09 58	64 10	13	00	6 8 4 9
0550	11			14 24		014	

01 0000	11 23	32 553	3 0 03
01 0005	11 19	32 552	3 0 03
01 0010	11 21	32 565	3 0 03
01 0015	11 33	32 803	3 0 03
01 0020	09 07	34 750	3 0 03
01 0030	07 76	35 031	3 0 03
01 0040	07 59	35 086	3 0 03
01 0050	07 49	35 118	3 0 03
01 0060	07 44	35 136	3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0:E+W	1:W+W								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code				

77 11 0311

01	0070	07	13		35	111						3	0	03
00	0078	07	12		35	130						3	0	03
00	0087	07	00		35	129						3	0	03
00	0108	07	12		35	138						3	0	03
00	0130	06	89		35	153						3	0	03
00	0173	06	66		35	193						3	0	03
00	0260	06	12		35	174						3	0	03
00	0346	05	48		35	134						3	0	03
00	0437	05	20									0	03	

77	11	0312	58	25	0	09	45	64	10	13	02	6	8	4	9
		0625	08					14	24		017				

03	0000	11	16		32	362		06	12			3	4	03
03	0005	11	12		32	367						3	4	03
03	0010	11	11		32	449		06	09			3	4	03
03	0015	11	08		33	427						3	4	03
03	0020	10	09		34	617						3	4	03
03	0030	08	15		35	016		05	93			3	4	03
03	0040				35	236						3	4	03
03	0050	07	88		35	175		05	79			3	4	03
03	0060	07	51		35	157						3	4	03
03	0070	07	08		35	128		05	53			3	4	03
03	0080	07	02		35	140						3	4	03
02	0090	06	95		35	130						3	4	03
02	0100	06	99		35	136		05	59			3	4	03
02	0125	06	93		35	162						3	4	03
02	0150	06	92		35	190		05	61			3	4	03
02	0200	06	68		35	193		05	76			3	4	03
02	0300	05	96		35	169		06	14			3	4	03
02	0400	05	47		35	142		06	23			3	4	03
02	0500	05	12		35	121		06	27			3	4	03
02	0600	04	88		35	095		06	16			3	4	03

77	11	0313	58	09	0	10	06	64	10	13	06	6	8	4	9
		0215	08	5				09	24		013				

06	0000	11	58		33	546						3	4	03
06	0005	11	56		33	544						3	4	03
06	0010	11	53		33	546						3	4	03
06	0015	11	64		33	587						3	4	03
06	0020	11	66		33	633						3	4	03
06	0030	11	02		34	755						3	4	03
06	0040	08	73		34	927						3	4	03
06	0050	08	12		35	045						3	4	03
06	0058	07	93		35	044						3	4	03
06	0068	07	77		35	086						3	4	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code				

77 11 0313

06	0077	08	31		35	234						3	4	03		
06	0087	07	59		35	142						3	4	03		
06	0097	07	58		35	134						3	4	03		
06	0121	07	55		35	148						3	4	03		
06	0145	07	53		35	185						3	4	03		
06	0193	06	81		35	164						3	4	03		

77	11	0314	58	13	0	10	24	64	10	13	07	2	8	4	9	
		0270	09					07	24		018					

08	0000	11	80		33	324						3	4	03		
08	0005	11	69		33	332						3	4	03		
08	0010	11	67		33	339						3	4	03		
08	0015	11	71		33	430						3	4	03		
08	0020	11	90		33	904						3	4	03		
08	0030	11	77		34	464						3	4	03		
08	0040	09	96		34	800						3	4	03		
08	0050	09	68		34	846						3	4	03		
08	0060	09	22		34	922						3	4	03		
08	0070	08	99		34	945						3	4	03		
07	0080	08	92		35	080						3	4	03		
07	0090	08	90		35	228						3	4	03		
07	0100	08	20		35	132						3	4	03		
07	0125	08	00		35	193						3	4	03		
07	0150	07	41		35	118						3	4	03		
07	0175	07	31		35	108						3	4	03		
07	0200	07	27		35	104						3	4	03		
07	0250	05	76		35	149						3	4	03		

77	11	0315	58	15	0	10	34	64	10	13	09	2	8	4	9	
		0275	09					07	24		011					

09	0000	12	23		33	178						3	4	03		
09	0005	12	16		33	190						3	4	03		
09	0010	12	15		33	213						3	4	03		
09	0015	12	07		33	284						3	4	03		
09	0020	11	76		33	583						3	4	03		
09	0030	11	83		33	780						3	4	03		
09	0040	11	79		34	264						3	4	03		
09	0050	11	51		34	603						3	4	03		
09	0060	11	00		34	782						3	4	03		
09	0064	11	16		34	707						3	4	03		
09	0073	10	81		34	986						3	4	03		
09	0082	09	80		35	021						3	4	03		
09	0091	09	17		35	053						3	4	03		
09	0113	08	39		35	141						3	4	03		
09	0136	07	85		35	180						3	4	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind			Mixed layer depth m				
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
		Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code
				↓			↓			↓	↓	↓	↓			

77 11 0315

09 0182 07 01 35 151 3 4 03
 09 0227 06 87 35 181 3 4 03

77 11 0316 58 16 0 10 44 64 10 13 10 2 8 4 9
 0190 08 09 28 020

10 0000 12 38 32 867 3 4 03
 10 0005 12 37 32 847 3 4 03
 10 0010 12 37 32 921 3 4 03
 10 0015 12 33 33 185 3 4 03
 10 0020 12 37 33 233 3 4 03
 10 0030 12 56 33 431 3 4 03
 10 0040 12 78 33 746 3 4 03
 10 0050 12 87 34 338 3 4 03
 10 0060 12 40 34 514 3 4 03
 10 0070 11 96 34 567 3 4 03
 10 0080 11 06 34 654 3 4 03
 10 0090 10 03 34 832 3 4 03
 10 0100 09 22 35 046 3 4 03
 10 0125 07 82 35 086 3 4 03
 10 0150 07 42 35 119 3 4 03
 10 0175 07 12 35 127 3 4 03

77 11 0317 58 18 0 10 49 64 10 13 11 2 8 4 9
 0160 08 09 28 025

11 0000 12 38 32 830 3 4 03
 11 0005 12 35 32 824 3 4 03
 11 0010 12 35 32 969 3 4 03
 11 0015 12 40 33 113 3 4 03
 11 0020 12 43 33 255 3 4 03
 11 0030 12 34 33 380 3 4 03
 11 0040 12 63 33 682 3 4 03
 11 0050 12 65 34 112 3 4 03
 11 0060 12 03 34 412 3 4 03
 11 0070 11 05 34 569 3 4 03
 11 0080 10 12 34 836 3 4 03
 11 0090 09 13 34 932 3 4 03
 11 0100 08 69 34 968 3 4 03
 11 0125 07 48 35 102 3 4 03
 11 0150 07 44 35 116 3 4 03

77 11 0318 58 19 0 10 57 64 10 13 12 2 8 4 9
 0110 08 05 20 025

12 0000 11 87 33 270 3 4 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sky	Sea
			0	1:4+W	2:5+E	3:5+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		Wind				Mixed layer depth m					
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰		σ_t	ml/l	Oxygen	Saturat. ‰	Salt method	Temp. method	Wind method				
		↓			↓	↓	↓	↓	↓							

77 11 0318

12	0005	11	84		33	243						3	4	03
12	0010	11	86		33	246						3	4	03
12	0015	11	84		33	246						3	4	03
12	0020	11	83		33	252						3	4	03
12	0030	11	97		33	352						3	4	03
12	0040	12	57		33	994						3	4	03
12	0050	12	05		34	334						3	4	03
12	0060	11	26		34	555						3	4	03
12	0070	09	96		34	758						3	4	03
12	0080	09	62		34	816						3	4	03
12	0090	09	22		34	855						3	4	03
12	0100	08	89		34	906						3	4	03

77	11	0319	58	20	0	11	02	64	10	13	13	2	8	3	9
		0085	08					09	20		007				

13	0000	11	76		27	876						3	4	03
13	0005	11	77		27	937						3	4	03
13	0010	11	85		30	133						3	4	03
13	0015	11	95		32	017						3	4	03
13	0020	12	02		32	427						3	4	03
13	0030	12	11		33	152						3	4	03
13	0040	12	42		33	552						3	4	03
13	0050	12	37		33	828						3	4	03
13	0060	12	41		34	039						3	4	03
13	0070	12	29		34	096						3	4	03
13	0080	11	71		34	336						3	4	03

77	11	0320	58	20	0	11	06	64	10	13	14	2	8	3	9
		0050	09					07	22		006				

14	0000	11	74		26	752						3	4	03
14	0005	11	74		26	754						3	4	03
14	0010	11	96		27	290						3	4	03
14	0015	11	96		30	542						3	4	03
14	0020	12	06		31	116						3	4	03
14	0030	12	18		32	838						3	4	03
14	0040	12	02		33	175						3	4	03

77	11	0321	58	20	0	11	10	64	10	13	14	2	8	3	9
		0035	09					07	24		010				

14	0000	11	66		26	597						3	4	03
14	0005	11	53Q		26	586						3	4	03
14	0010	11	64		26	615						3	4	03
14	0015	11	81		26	760						3	4	03

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W									
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb	-Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code		

77 11 0321

14 0020	12 01			29 710						3 4 03		
14 0030	12 73			32 832						3 4 03		

77 11 0322	58 22	0	11 23	64 10	14	07	2 8 1 9
0022	10			11 06		006	

07 0000	11 02		25 933				3 3 03
07 0005	11 13		26 178				3 3 03
07 0010	11 76		27 058				3 3 03
07 0015	12 80		32 046				3 3 03
07 0020	12 79		32 701		04 88		3 3 03

77 11 0323	58 22	0	11 26	64 10	14	08	2 8 1 9
0023	10			11 06		000	

08 0000	11 04		26 213				3 3 03
08 0005	11 55		26 880				3 3 03
08 0010	12 21		27 969				3 3 03
08 0015	12 69		30 839				3 3 03
08 0020	12 80		32 639		05 15		3 3 03

77 11 0324	58 19	0	11 22	64 10	14	08	2 8 1 9
0033	10			11 06		011	

08 0000	11 24		26 154				3 3 03
08 0005	11 15		26 281				3 3 03
08 0010	11 23		26 484				3 4 03
08 0015	12 66		30 878				3 3 03
08 0020	12 81		32 561		05 50		3 3 03
08 0025	12 72		33 003				3 3 03
08 0030	12 62		33 437		07 20		3 3 03

77 11 0325	58 15	0	11 14	64 10	14	09	2 8 1 9
0051	10			14 10		011	

09 0000	11 48		25 448		06 35		3 3 03
09 0005	11 44		25 840				3 3 03
09 0010	11 43		26 743		06 10		3 3 03
09 0015	12 11		28 676				3 3 03
09 0020	12 36		32 302				3 3 03
09 0030	12 07		33 008		05 91		3 3 03
09 0040	12 23		33 319				3 3 03
09 0045	12 30		33 597		05 80		3 3 03

77 11 0326	58 16	0	11 26	64 10	14	10	2 8 1 9
0053	10			14 08		000	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0326

10	0000	11	14		23	246						3	3	03		
10	0005	11	51		25	812						3	3	03		
10	0010	12	12		27	925						3	3	03		
10	0015	12	69		31	259						3	3	03		
10	0020	12	78		32	255						3	3	03		
10	0030	12	84		32	759						3	3	03		
10	0040	12	76		33	158						3	3	03		
10	0050	12	66		33	348						3	3	03		

77	11	0327	58	19	0	11	33	64	10	14	11	2	7	1	9	
		0118	12					23	08		000					

11	0000	11	67		25	105		05	80			3	3	03		
11	0005	12	11		27	531						3	3	03		
11	0010	12	23		28	150		05	78			3	3	03		
11	0015	12	87		31	862						3	3	03		
11	0020	12	89		32	435						3	3	03		
11	0030	12	84		32	745		05	09			3	3	03		
11	0040	12	70		33	034						3	3	03		
11	0050	11	75		33	158		04	21			3	3	03		
11	0060	06	64		34	561						3	3	03		
11	0070	06	33		34	787		03	73			3	3	03		
11	0080	06	31		34	829						3	3	03		
11	0090	06	35		34	852		03	36			3	3	03		
11	0100	06	34		34	873		03	31			3	3	03		
11	0115	06	37		34	890		02	61			3	3	03		

77	11	0328	58	14	0	11	35	64	10	14	13	2	8	1	9	
		0037	10					23	18		014					

13	0000	11	48		25	347		05	99			3	3	03		
13	0005	11	47		25	350						3	3	03		
13	0010	11	48		25	374		06	00			3	3	03		
13	0015	11	71		25	525		05	66			3	3	03		
13	0020	06	59		28	804						3	3	03		
13	0025	06	15		29	063						3	3	03		
13	0030	06	08		29	086						3	3	03		
13	0035	06	09		29	098						3	3	03		

77	11	0329	58	15	0	11	38	64	10	14	14	2	8	1	9	
		0055	10					23	18		013					

14	0000	11	54		25	262		06	09			3	3	03		
14	0005	11	53		25	275						3	3	03		
14	0010	11	66		25	397		05	90			3	3	03		
14	0015	12	29		26	023		04	79			3	3	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0:E	1:W								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0329

14	0020	08	23		28	349				00	19		3	3	03
14	0030	06	13		29	086							3	3	03
14	0040	06	06		29	101							3	3	03
14	0050	06	07		29	113							3	3	03

77	11	0330	58	17	0	11	41	64	10		14	14	2	8	1	9
		0060	10					23	10			000				

14	0000	11	29		25	045				06	10		3	3	03
14	0005	11	72		25	330							3	3	03
14	0010	12	26		25	906				05	13		3	3	03
14	0015	12	18		26	367							3	3	03
14	0020	10	60		27	217				02	17		3	3	03
14	0030	06	07		29	075							3	3	03
14	0040	06	02		29	100							3	3	03
14	0050	05	98		29	159							3	3	03

77	11	0331	58	19	0	11	46	64	10		14	15	6	8	1	9
		0040	09					23	16			005				

15	0000	11	04		24	796				06	42		3	3	03
15	0005	11	08		24	883							3	3	03
15	0010	12	28		27	065				04	75		3	3	03
15	0015	12	56		27	956				02	63		3	3	03
15	0020	11	26		29	163							3	3	03
15	0030	05	81		31	862				00	32		3	3	03
15	0037	05	50		32	159				00	13		3	3	03

77	11	0332	58	20	0	11	53	64	10		14	15	6	8	1	9
		0049	08					23	12			000				

15	0000	11	71		24	011				05	77		3	3	03
15	0005	12	31		25	297							3	3	03
15	0010	12	41		26	484				04	23		3	3	03
15	0015	08	30		29	328				00	26		3	3	03
15	0020	06	38		30	719							3	3	03
15	0030	06	03		30	943							3	3	03
15	0040	05	85		31	004							3	3	03
15	0045	05	88		31	021							3	3	03

77	11	0333	58	16	0	11	49	64	10		15	07	1	3	1	9
		0025	10					23	06			000				

07	0000	10	66		24	907							3	3	03
07	0005	11	14		25	400							3	3	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C			-Wind		Mixed layer depth m						
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code			
		↓		↓	↓	↓	↓	↓	↓	↓						

77 11 0333

07 0010	11 65			25 847							3 3 03				
07 0015	12 16			27 368							3 3 03				
07 0022	10 23			29 615							3 3 03				

77 11 0334	58 11	0	11 51	64 10	15 08	1 2 1 9									
0023	09			23 06	010										

08 0000	11 05		25 906								3 3 03				
08 0005	11 06		25 930								3 3 03				
08 0010	11 29		26 002								3 3 03				
08 0015	11 96		26 881								3 3 03				
08 0020	11 03		29 267		01 81						3 3 03				

77 11 0335	58 08	0	11 50	64 10	15 08	0 0 1 9									
0018	09			23 06	000										

08 0000	10 73		25 239								3 3 03				
08 0005	10 90		25 249								3 3 03				
08 0010	11 11		25 891								3 3 03				
08 0015	11 58		26 943		04 99						3 3 03				

77 11 0336	58 04	0	11 47	64 10	15 09	0 0 1 9									
0025	10			18 08	008										

09 0000	10 80		24 807		06 09						3 3 03				
09 0005	10 89		25 003								3 3 03				
09 0010	11 19		25 512		05 84						3 3 03				
09 0015	11 84		26 736		05 24						3 3 03				
09 0022	12 24		28 131		04 68						3 3 03				

77 11 0337	58 00	0	11 46	64 10	15 10	0 0 1 9									
0025	11			18 10	012										

10 0000	10 93		24 642								3 3 03				
10 0005	10 91		24 673								3 3 03				
10 0010	10 96		25 700								3 3 03				
10 0015	11 63		25 933								3 3 03				
10 0022	13 08		32 229		04 79						3 3 03				

77 11 0338	57 55	0	11 36	64 10	15 11	0 0 1 9									
0053	11			18 10	009										

11 0000	11 27		24 595		06 25						3 3 03				
11 0005	11 28		24 648								3 3 03				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0338

11 0010	11 37		24 935			06 10					3 3 03
11 0015	12 02		26 589								3 3 03
11 0020	12 88		30 477								3 3 03
11 0030	13 02		33 064			05 16					3 3 03
11 0040	12 76		33 509								3 3 03
11 0050			33 583			05 04					3 4 03

77 11 0339	57 54	0	11 32		64 10	15 11					0 0 1 9
0035	11				18 10					010	

11 0000	11 44		24 788								3 3 03
11 0005	11 37		24 822								3 3 03
11 0010	11 30		25 127								3 3 03
11 0015	12 18		27 077								3 3 03
11 0020	12 91		31 283								3 3 03
11 0030	12 47		33 694								3 3 03

77 11 0340	55 00	0	14 05		64 11	03 06					2 8 3 9
0047	08				07 16					014	

06 0000	09 80		07 87			07 47					1 3 03
06 0005	09 80		07 88								1 3 03
06 0010	09 78		07 89			07 45					1 3 03
06 0015	09 61		07 99								1 3 03
06 0020	09 63		08 02								1 3 03
06 0030	09 72		08 06			07 36					1 3 03
06 0040	12 45		14 88			03 60					1 3 03
06 0045	12 16		16 70			00 94					1 3 03

77 11 0341	55 18	0	14 24		64 11	03 08					2 8 2 9
0048	08 5				05 14					026	

08 0000	09 65		07 82			07 54					1 3 03
08 0005	09 67		07 81								1 3 03
08 0010	09 61		07 81			07 52					1 3 03
08 0015	09 61		07 81								1 3 03
08 0020	09 60		07 81								1 3 03
08 0030	09 43		07 85			07 45					1 3 03
08 0040	06 60		08 68			06 86					1 3 03
08 0045	10 33		11 67			04 60					1 3 03

77 11 0342	55 23	0	15 20		64 11	03 12					2 8 2 9
0090	08				05 08					035	

12 0000	10 21		07 58			07 43					1 3 03
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		Wind				Mixed layer depth m					
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code					
		↓	↓	↓	↓	↓	↓	↓								

77 11 0342

12	0005	10	19		07	58						1	3	03		
12	0010	10	19		07	57			07	41		1	3	03		
12	0015	10	22		07	57						1	3	03		
12	0020	10	26		07	59						1	3	03		
12	0030	10	29		07	64			07	37		1	3	03		
12	0040	03	14		07	77			07	52		1	3	03		
12	0050	06	95		12	22			04	65		1	3	03		
12	0060	10	37		14	69			03	60		1	3	03		
12	0070	07	85		16	22			02	32		1	3	03		
12	0080	07	51		16	85			01	06		1	3	03		
12	0087	07	67		17	16			00	68		1	3	03		

77	11	0343	55	15	0	15	59	64	11	03	15	1	2	2	9	
		0090	08					02	06		025					

15	0000	10	47		07	53				07	42	1	3	03		
15	0005	10	40		07	53				07	47	1	3	03		
15	0010	10	39		07	52				07	34	1	3	03		
15	0015	10	41		07	52				07	38	1	3	03		
15	0020	10	41		07	53				06	85	1	3	03		
15	0030	10	20		07	67				07	24	1	3	03		
15	0040	04	36		07	58				08	00	1	3	03		
15	0050	05	61		10	41				05	92	1	3	03		
15	0060	08	30		13	44				04	86	1	3	03		
15	0070	07	81		15	18				03	82	1	3	03		
15	0080	07	91		16	59				01	83	1	3	03		
15	0087	07	87		17	24				00	72	1	3	03		

77	11	0344	55	13	0	17	04	64	11	03	18	0	0	2	9	
		0082	08					27	10		045					

18	0000	10	51		07	61				07	36	1	3	03		
18	0005	10	47		07	61						1	3	03		
18	0010	10	49		07	61				07	29	1	3	03		
18	0015	10	53		07	59						1	3	03		
18	0020	10	52		07	59						1	3	03		
18	0030	10	56		07	62				07	25	1	3	03		
18	0040	10	58		07	62						1	3	03		
18	0050	04	26		07	64				07	91	1	3	03		
18	0060	04	50		09	42				06	24	1	3	03		
18	0070	06	47		13	83				03	99	1	3	03		
18	0080	06	78		14	72				03	13	1	3	03		

77	11	0345	56	07	0	19	19	64	11	04	03	0	0	3	9	
		0128	08					32	16		029					

03	0000	09	73		07	29				07	45	1	3	03		
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind			Mixed layer depth m				
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
		Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code
				↓			↓			↓	↓	↓	↓			

77 11 0345

03	0005	09 76		07 28								1 3 03
03	0010	09 71		07 28			07 49					1 3 03
03	0015	09 72		07 28								1 3 03
03	0020	09 72		07 28								1 3 03
03	0030	09 62		07 30			07 54					1 3 03

77	11	0346	56 51	0	18 52	64 11	04 09	0 0 3 9
		0113	08			29 18	033	

09	0000	08 99		07 28			07 65	1 3 03
09	0005	08 99		07 28				1 3 03
09	0010	08 95		07 28			07 58	1 3 03
09	0015	08 94		07 28				1 3 03
09	0020	08 93		07 28				1 3 03
09	0030	08 94		07 28			07 63	1 3 03
09	0040	02 86		07 53			08 43	1 3 03
09	0050	02 58		07 60			08 16	1 3 03
09	0060	02 57		08 06			06 14	1 3 03
09	0070	03 71		09 60			02 56	1 3 03
09	0080	04 12		10 24			01 49	1 3 03
09	0090	04 48		10 68			00 98	1 3 03
09	0100	04 63		11 21			01 78	1 3 03

77	11	0347	56 59	0	18 47	64 11	04 10	0 0 2 9
		0064	08			29 16	034	

10	0000	08 66		07 22			07 79	1 3 03
10	0005	08 67		07 23				1 3 03
10	0010	08 66		07 22			07 77	1 3 03
10	0015	08 69		07 23				1 3 03
10	0020	08 70		07 23				1 3 03
10	0030	08 77		07 24			07 68	1 3 03
10	0040	02 81		07 56			08 17	1 3 03
10	0050	03 07		07 78			06 97	1 3 03
10	0060	02 92		08 48			04 73	1 3 03

77	11	0348	57 05	0	18 42	64 11	04 11	0 0 2 9
		0027	08			29 16	016	

11	0000	07 62		07 26			07 90	1 3 03
11	0005	07 56		07 26				1 3 03
11	0010	07 55		07 26			07 91	1 3 03
11	0015	07 55		07 26				1 3 03
11	0020	04 92		07 47				1 3 03
11	0025	03 73		07 56			07 86	1 3 03

77	11	0349	57 05	0	19 00	64 11	04 12	0 0 2 9
		0112	08			29 12	020	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C Dry ↓ bulb				Temperature °C Wet ↓ bulb	-Wind Dir. Speed kn.				Mixed layer depth m				
Obs. time	Obs. depth m		Temperature °C ↓				Salinity ‰ ↓	σ_t ↓	ml/l Oxygen	Saturat. % ↓	Salin. method	Extra info.	Card code			

77 11 0349

12	0000	08 66	07 21					07	74			1	3	03
12	0005	08 63	07 22									1	3	03
12	0010	08 62	07 21					07	78			1	3	03
12	0015	08 64	07 22									1	3	03
12	0020	08 67	07 23									1	3	03
12	0030	08 93	07 27					07	67			1	3	03
12	0040	06 59	07 35					07	75			1	3	03
12	0050	02 29	07 55					08	40			1	3	03
12	0060	02 41	07 88					06	79			1	3	03
12	0070	03 61	09 47					02	05			1	3	03
12	0080	04 26	10 23					00	91			1	3	03
12	0090	04 43	10 68					01	38			1	3	03
12	0100	04 53	10 90					01	34			1	3	03

77 11 0350 57 20 0 20 03 64 11 04 17 0 0 2 9
0253 08 29 12 029

17	0000	08 89	07 03					07	81			1	3	03
17	0005	08 87	07 02					07	77			1	3	03
17	0010	08 88	07 02					07	77			1	3	03
17	0015	08 89	07 03					07	82			1	3	03
17	0020	08 86	07 04					07	76			1	3	03
17	0030	08 74	07 09					07	75			1	3	03
17	0040	02 88	07 42					08	62			1	3	03
17	0050	02 37	07 56					08	46			1	3	03
17	0060	02 58	08 06					05	83			1	3	03
17	0070	03 88	09 64					01	54			1	3	03
17	0080	04 35	10 29					00	59			1	3	03
17	0090	04 53	10 58					00	53			1	3	03
17	0100	04 64	11 07					01	33			1	3	03
17	0125	04 93	12 28					02	03			1	3	03
17	0150	05 45	12 46					00	86			1	3	03
17	0175	05 52	12 66					00	66			1	3	03
17	0200	05 72	12 79					00	53			1	3	03
17	0225	05 70	12 89					00	71			1	3	03
17	0245	05 52	12 88					01	13			1	3	03

77 11 0351 58 00 0 19 54 64 11 04 22 2 8 2 9
0200 07 32 08 035

22	0000	09 04	06 96					07	67			1	3	03
22	0005	09 04	06 96									1	3	03
22	0010	09 01	06 96					07	68			1	3	03
22	0015	09 02	06 96									1	3	03
22	0020	09 00	06 96									1	3	03
22	0030	09 00	06 96					07	65			1	3	03
22	0040	02 85	07 41									1	3	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1:N+E 2:S+E 3:S+W			0	1								
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb	Wind Dir. Speed kn.				Mixed layer depth m						
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. % ↓	Salin. method	Extra info.	Card code						

77 11 0351

22 0050	02 57		07 64			07 29			1 3 03
22 0060	02 92		08 49						1 3 03
22 0070	03 86		09 72			01 72			1 3 03
22 0080	04 38		10 39			00 88			1 3 03
22 0090	04 69		10 89			00 55			1 3 03
22 0100	04 89		11 43			01 38			1 3 03
22 0125	05 33		12 07			00 85			1 3 03
22 0150	05 50		12 23			00 29			1 3 03
22 0175	05 55		12 50			00 17			1 3 03
22 0190	05 51		12 43			00 14			1 3 03

77 11 0352	58 27	0	20 20		64 11	05 01		1 4 2 9
0119	07				32 08	039		

01 0000	09 61		07 04			07 69		1 3 03
01 0005	09 61		07 03			07 68		1 3 03
01 0010	09 62		07 03			07 70		1 3 03
01 0015	09 62		07 02					1 3 03
01 0020	09 62		07 03					1 3 03
01 0030	09 60		07 02			07 52		1 3 03
01 0040	09 51		07 02					1 3 03
01 0050	02 79		07 44			08 12		1 3 03
01 0060	02 64		07 60			07 44		1 3 03
01 0070	03 10		08 62			04 22		1 3 03
01 0080	04 01		09 97			01 35		1 3 03
01 0090	04 42		10 60			00 91		1 3 03
01 0100	04 72		10 97			00 47		1 3 03
01 0115	04 81		11 18			00 53		1 3 03

77 11 0353	59 18	0	21 28		64 11	05 09		7 6 3 9
0105	03				34 24	050		

09 0000	09 48		06 92			07 65		1 3 03
09 0005	09 45		06 92					1 3 03
09 0010	09 46		06 92			07 56		1 3 03
09 0015	09 45		06 90					1 3 03
09 0020	09 47		06 90					1 3 03
09 0030	09 49		06 90			07 66		1 3 03
09 0040	09 45		06 90					1 3 03
09 0050	09 39		06 91			07 57		1 3 03
09 0060	04 28		07 47			05 56		1 3 03
09 0070	03 02		08 28			04 58		1 3 03
09 0080	03 91		09 69			01 36		1 3 03
09 0090	04 36		10 38			00 44		1 3 03
09 0100	04 59		10 70			00 21		1 3 03

77 11 0354	60 12	0	19 09		64 11	05 19		7 8 3 9
0290	02				32 20	026		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			1:N+W	2:S+E	3:S+W	0	1	2								
		Depth to bottom m	Temperature °C		Temperature °C		Wind				Mixed layer depth m					
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code					
		↓		↓	↓	↓	↓	↓								

77 11 0354

19 0000	06 67	05 70				08 09			1 3 03
19 0005	06 63	05 71							1 3 03
19 0010	06 62	05 70				08 05			1 3 03
19 0015	06 62	05 70							1 3 03
19 0020	06 62	05 72							1 3 03
19 0030	07 82	06 52				07 50			1 3 03
19 0040	06 89	06 72							1 3 03
19 0050	06 62	06 84				07 47			1 3 03
19 0060	06 02	06 90							1 3 03
19 0070	05 72	06 99				07 35			1 3 03
19 0080	05 01	07 07							1 3 03
19 0087	04 79	07 08							1 3 03
19 0096	04 17	07 13				07 30			1 3 03
19 0121	04 01	07 19				07 44			1 3 03
19 0145	03 78	07 24				07 21			1 3 03
19 0194	03 34	07 34				07 05			1 3 03
19 0266	03 32	07 41				06 78			1 3 03

77 11 0355	60 33	0	18 55	64 11	05 22	00 4 9
0127	01 5			32 26	041	

22 0000	06 75	05 46				08 02			1 3 03
22 0005	06 75	05 47							1 3 03
22 0010	06 74	05 47				08 07			1 3 03
22 0015	06 73	05 47							1 3 03
22 0019	06 71	05 47							1 3 03
22 0029	06 75	05 47				08 19			1 3 03
22 0039	06 70	05 49							1 3 03
22 0048	06 09	06 10				07 73			1 3 03
22 0058	05 28	06 68							1 3 03
22 0068	04 90	06 87				07 30			1 3 03
22 0077	04 78	06 94							1 3 03
22 0087	04 66	07 00							1 3 03
22 0096	04 59	07 02				07 15			1 3 03

77 11 0356	61 08	0	20 55	64 11	06 05	2 8 2 9
0048	02 5			23 20	048	

05 0000	07 30	05 97							1 3 03
05 0005	07 29	05 97							1 3 03
05 0010	07 26	05 97							1 3 03
05 0015	07 28	05 97							1 3 03
05 0020	07 32	05 97							1 3 03
05 0030	07 31	05 97							1 3 03
05 0040	07 34	05 97							1 3 03

77 11 0357	61 07	0	20 16	64 11	06 08	2 8 5 9
0115	02			23 36	055	

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E 1:N+W 2:S+E 3:S+W	0 1 2 3									
Depth to bottom m		Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code		

77 11 0357

08 0000	06 09	05 93	08 31	1 3 03
08 0005	06 06	05 92	08 25	1 3 03
08 0010	06 03	05 92	08 31	1 3 03
08 0015	06 04	05 92	08 26	1 3 03
08 0020	06 04	05 92	07 70	1 3 03
08 0030	06 04	05 92	08 29	1 3 03
08 0040	06 05	05 92	08 28	1 3 03
08 0050	06 01	05 92	08 21	1 3 03
08 0060	04 60	06 02	07 95	1 3 03
08 0070	02 64	06 22	07 47	1 3 03
08 0080	03 86	06 51	07 21	1 3 03
08 0090	03 62	06 69	07 21	1 3 03
08 0100	04 00	06 78	07 05	1 3 03

77 11 0358	61 05	0	19 35	64 11	06 12	0 0 4 9
0115	02			27 28	045	

12 0000	05 94	05 82	08 30	1 3 03
12 0005	05 90	05 82		1 3 03
12 0010	05 91	05 82	08 29	1 3 03
12 0015	05 92	05 82		1 3 03
12 0020	05 91	05 82		1 3 03
12 0030	05 93	05 84	07 44	1 3 03
12 0040	05 92	05 82		1 3 03
12 0050	05 77	05 87	08 24	1 3 03
12 0060	02 97	06 10		1 3 03
12 0070	02 01	06 36	07 19	1 3 03
12 0080	01 94	06 44		1 3 03
12 0090	02 00	06 58		1 3 03
12 0100	02 23	06 70	07 26	1 3 03

77 11 0359	61 16	0	17 28	64 11	08 09	0 0 2 9
0036	-02 5			02 14	019	

09 0000	05 85	05 42		1 3 03
09 0005	05 77	05 41		1 3 03
09 0010	05 77	05 41		1 3 03
09 0015	05 79	05 43		1 3 03
09 0020	05 88	05 43		1 3 03
09 0025	05 93	05 44		1 3 03
09 0030	05 96	05 44		1 3 03

77 11 0360	61 12	0	17 52	64 11	08 11	1 5 2 9
0075	-01			02 10	043	

11 0000	05 40	05 53	08 06	1 3 03
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
			↓			↓			↓	↓	↓					

77 11 0360

11 0005	05 40				05 53							1 3 03			
11 0010	05 40				05 53					08 10		1 3 03			
11 0015	05 42				05 52							1 3 03			
11 0020	05 42				05 54					08 05		1 3 03			
11 0030	05 42				05 52					08 10		1 3 03			
11 0040	05 39				05 54							1 3 03			
11 0050	04 03				05 76					06 78		1 3 03			
11 0060	02 96				05 88							1 3 03			
11 0070	02 83				05 90					06 91		1 3 03			

77 11 0361	61 05	0			18 37			64 11		08 13		1 5 2 9			
0036	-01							02 06		019					

13 0000	05 30				05 63							1 3 03			
13 0005	05 29				05 64							1 3 03			
13 0010	05 23				05 63							1 3 03			
13 0015	05 21				05 66							1 3 03			
13 0020	05 11				05 67							1 3 03			
13 0030	05 11				05 68							1 3 03			

77 11 0362	58 35	0			18 14			64 11		09 09		2 8 2 9			
0459	07							25 18		033					

10 0000	06 95				06 70					08 06		1 3 03			
10 0005	06 92				06 70					08 45		1 3 03			
10 0010	06 94				06 70					08 00		1 3 03			
10 0015	06 92				06 70					08 01		1 3 03			
10 0020	06 93				06 71					08 07		1 3 03			
10 0030	06 91				06 71					08 08		1 3 03			
10 0040	02 18				07 40					08 30		1 3 03			
10 0050	02 60				08 06					05 95		1 3 03			
10 0060	03 23				08 99					02 97		1 3 03			
10 0070	03 97				09 78					01 08		1 3 03			
10 0080	04 45				10 30					00 30		1 3 03			
10 0090	04 60				10 55					00 22		1 3 03			
09 0100	04 59				10 57					00 26		1 3 03			
09 0125	04 70				10 77					00 23		1 3 03			
09 0150	04 72				10 88					00 27		1 3 03			
09 0200	04 78				11 01					00 30		1 3 03			
09 0300	04 78				11 07					00 32		1 3 03			
09 0400	04 83				11 09					00 32		1 3 03			
09 0440	04 85				11 08					00 35		1 3 03			

77 11 0363	58 29	0			16 57			64 11		09 14		1 2 0 9			
0032	08							25 08		019					

14 0000	05 34				06 98					08 15		1 3 03			
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0363

14	0005	05	34		06	98						1	3	03		
14	0010	05	38		06	98			08	28		1	3	03		
14	0015	05	41		06	98						1	3	03		
14	0020	05	61		06	99						1	3	03		
14	0030	05	54		07	10			07	76		1	3	03		

77	11	0364	58	27	0	17	04	64	11	09	15	1	2	1	9	
		0034	08					25	08		015					

15	0000	05	73		06	95				08	46	1	3	03		
15	0005	05	57		06	94						1	3	03		
15	0010	05	51		06	95			08	32		1	3	03		
15	0015	05	57		06	95						1	3	03		
15	0020	04	63		07	28						1	3	03		
15	0030	03	63		07	57			06	92		1	3	03		

77	11	0365	58	25	0	17	14	64	11	09	16	1	3	1	9	
		0051	06					16	12		024					

16	0000	06	47		06	77				08	18	1	3	03		
16	0005	06	49		06	78						1	3	03		
16	0010	06	43		06	78			08	20		1	3	03		
16	0015	06	39		06	78						1	3	03		
16	0020	06	37		06	78						1	3	03		
16	0030	04	52		07	22			07	81		1	3	03		
16	0040	02	88		07	64						1	3	03		
16	0048	02	88		08	23			05	32		1	3	03		

77	11	0366	58	20	0	17	20	64	11	09	17	2	8	2	9	
		0080	07					25	16		029					

17	0000	06	55		06	76				08	25	1	3	03		
17	0005	06	56		06	76						1	3	03		
17	0010	06	57		06	76			08	15		1	3	03		
17	0015	06	58		06	76						1	3	03		
17	0020	06	58		06	76						1	3	03		
17	0030	06	46		06	85			08	07		1	3	03		
17	0040	03	01		07	44						1	3	03		
17	0050	03	27		08	93			03	24		1	3	03		
17	0060	03	68		09	44						1	3	03		
17	0070	04	14		09	93			00	67		1	3	03		

77	11	0367	58	00	0	18	00	64	11	09	20	2	8	3	9	
		0175	06					23	20		035					

20	0000	06	79		06	84				08	10	1	3	03		
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		-Wind				Mixed layer depth m					
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code					
		↓		↓	↓			↓								

77 11 0367

20	0005	06	75		06	83						1	3	03
20	0010	06	73		06	83			08	11		1	3	03
20	0015	06	72		06	83						1	3	03
20	0020	06	71		06	83						1	3	03
20	0030	06	75		06	82			08	16		1	3	03
20	0040	05	05		07	06						1	3	03
20	0050	02	23		07	54			07	92		1	3	03
20	0060	02	68		08	33			05	09		1	3	03
20	0070	03	70		09	45			01	43		1	3	03
20	0080	03	92		09	67			00	96		1	3	03
20	0090	04	32		10	06			00	20		1	3	03
20	0100	04	25		10	19			00	12		1	3	03
20	0125	04	53		10	34			00	11		1	3	03
20	0150	04	64		10	50			00	09		1	3	03
20	0165	04	65		10	52			00	11		1	3	03

77 11 0368

77	11	0368	57	39	0	18	12	64	11	09	23	2	8	3	9
		0096	06					23	20		022				
23	0000	07	09		06	90				08	02	1	3	03	
23	0005	07	08		06	90						1	3	03	
23	0010	07	10		06	90			08	10		1	3	03	
23	0015	07	09		06	90						1	3	03	
23	0020	07	10		06	90						1	3	03	
23	0030	06	73		07	01			08	00		1	3	03	
23	0040	02	99		07	41						1	3	03	
23	0050	02	54		07	59			07	48		1	3	03	
23	0060	02	65		08	04						1	3	03	
23	0070	02	77		08	37			05	21		1	3	03	
23	0080	02	95		08	71			03	80		1	3	03	
23	0090	04	16		09	87			00	25		1	3	03	

77 11 0369

77	11	0369	57	40	0	17	56	64	11	10	01	2	8	3	9
		0105	06					25	26		031				
01	0000	06	93		06	85				08	21	1	3	03	
01	0005	06	90		06	85						1	3	03	
01	0010	06	90		06	85			08	11		1	3	03	
01	0015	06	92		06	88						1	3	03	
01	0020	06	89		06	86						1	3	03	
01	0030	06	84		06	87			08	13		1	3	03	
01	0040	02	10		07	44						1	3	03	
01	0050	02	71		07	68			07	36		1	3	03	
01	0060	02	66		08	23						1	3	03	
01	0070	03	29		09	17			02	11		1	3	03	
01	0080	04	01		09	79			00	55		1	3	03	
01	0090	04	41		10	10			00	00		1	3	03	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		

77 11 0369

01 0100 04 50 10 22 00 00 1 3 03

77 11 0370 57 42 0 17 39 64 11 10 03 2 8 3 9

0095 04 27 26 029

03 0000 07 39 06 95 08 02 1 3 03

03 0005 07 36 06 95 08 05 1 3 03

03 0010 07 38 06 95 08 17 1 3 03

03 0015 07 39 06 95 1 3 03

03 0020 07 40 06 95 1 3 03

03 0030 07 20 06 95 08 07 1 3 03

03 0040 07 22 06 98 1 3 03

03 0050 02 57 07 57 07 15 1 3 03

03 0060 02 71 08 33 1 3 03

03 0070 04 06 09 99 05 11 1 3 03

03 0080 04 37 10 08 00 07 1 3 03

03 0090 04 50 10 24 00 00 1 3 03

77 11 0371 57 43 0 17 22 64 11 10 04 2 8 3 9

0145 04 27 24 029

04 0000 06 74 06 85 08 25 1 3 03

04 0005 06 73 06 84 1 3 03

04 0010 06 70 06 84 08 18 1 3 03

04 0015 06 70 06 83 1 3 03

04 0020 06 72 06 84 1 3 03

04 0030 06 58 07 03 08 13 1 3 03

04 0040 03 12 07 38 1 3 03

04 0050 02 47 07 64 07 47 1 3 03

04 0060 02 87 08 46 1 3 03

04 0070 04 07 09 84 00 53 1 3 03

04 0080 04 41 10 22 00 13 1 3 03

04 0090 04 48 10 28 00 11 1 3 03

04 0100 04 56 10 38 00 09 1 3 03

04 0125 04 62 10 48 00 10 1 3 03

77 11 0372 57 45 0 17 06 64 11 10 06 2 8 2 9

0070 05 20 16 030

06 0000 06 64 06 85 08 31 1 3 03

06 0005 06 66 06 84 1 3 03

06 0010 06 67 06 84 08 18 1 3 03

06 0015 06 66 06 85 1 3 03

06 0020 06 65 06 85 1 3 03

06 0030 06 58 06 85 08 14 1 3 03

06 0040 02 38 07 37 1 3 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W										
		Depth to bottom m	Temperature °C			Temperature °C		Wind		Mixed layer						
			Dry ↓ bulb			Wet ↓ bulb		Dir.	Speed kn.	depth m						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰		σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code			

77 11 0372

06 0050	02 44		07 89				06 63				1 3 03				
06 0060	03 08		08 71								1 3 03				
06 0068	04 12		09 93				00 80				1 3 03				

77 11 0373	57 46	0	16 50		64 11		10 07				1 1 2 9				
0027	05				20 14		025+								

07 0000	05 82		07 04				08 57				1 3 03				
07 0005	05 81		07 05								1 3 03				
07 0010	05 80		07 05				07 70				1 3 03				
07 0015	05 83		07 04								1 3 03				
07 0020	05 84		07 05								1 3 03				
07 0025	05 86		07 05				08 27				1 3 03				

77 11 0374	57 42	0	16 58		64 11		10 08				1 3 2 9				
0030	04				20 18		015								

08 0000	06 08		07 02				08 35				1 3 03				
08 0005	06 07		07 01								1 3 03				
08 0010	06 07		07 02				08 41				1 3 03				
08 0015	06 04		07 07								1 3 03				
08 0020	05 84		07 16								1 3 03				
08 0025	05 61		07 18				08 18				1 3 03				

77 11 0375	57 37	0	17 02		64 11		10 09				1 2 3 9				
0057	06				23 20		012								

09 0000	06 87		06 99				08 03				1 3 03				
09 0005	06 90		07 00								1 3 03				
09 0010	06 87		07 00				08 09				1 3 03				
09 0015	06 78		07 00								1 3 03				
09 0020	06 28		07 02								1 3 03				
09 0300	03 92		07 34				07 90				1 3 03				
09 0040	02 59		07 67								1 3 03				
09 0050	02 63		08 11				05 80				1 3 03				

77 11 0376	57 31	0	17 06		64 11		10 10				1 4 3 9				
0075	06				23 24		019								

10 0000	06 54		07 04				07 66				1 3 03				
10 0005	06 51		07 04								1 3 03				
10 0010	06 52		07 03				08 81				1 3 03				
10 0015	06 49		07 03								1 3 03				
10 0020	06 42		07 03								1 3 03				
10 0030	06 29		07 04				08 24				1 3 03				

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E 1-N+W 2-S+E 3-S+W										
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb	-Wind Dir. Speed kn.				Mixed layer depth m			
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen	Saturat. ‰ ↓	Salin. method	Extra info.	Card code		

77 11 0376

10	0040	03 72		07 38						1 3 03
10	0050	02 80		07 98			06 21			1 3 03
10	0060	04 36		10 14						1 3 03
10	0070	04 55		10 36			00 13			1 3 03

77 11	0377	57 07	0	17 40	64 11		10 13			1 3 3 9
	0108	06			20 22			038		

13	0000	07 27		07 16			08 18			1 3 03
13	0005	07 23		07 16						1 3 03
13	0010	07 21		07 15			08 00			1 3 03
13	0015	07 22		07 15						1 3 03
13	0020	07 22		07 16						1 3 03
13	0030	07 28					08 06			4 03
13	0040	04 46		07 42						1 3 03
13	0050	02 56		07 95			06 67			1 3 03
13	0060	02 86		08 62			04 35			1 3 03
13	0070	03 18		09 10			02 70			1 3 03
13	0080	03 67		09 55			01 15			1 3 03
13	0090	04 11		09 84			00 20			1 3 03
13	0100	04 38		10 08			00 00			1 3 03

77 11	0378	56 33	0	17 04	64 11		10 18			0 0 3 9
	0072	06			23 18			029		

18	0000	07 14		07 25			08 07			1 3 03
18	0005	07 12		07 25						1 3 03
18	0010	07 14		07 25			08 12			1 3 03
18	0015	07 16		07 24						1 3 03
18	0020	07 15		07 25						1 3 03
18	0030	07 02		07 26			08 07			1 3 03
18	0040	02 76		07 64						1 3 03
18	0050	02 56		07 76			07 14			1 3 03
18	0060	02 69		07 96			06 54			1 3 03
18	0070	02 97		08 37			05 19			1 3 03

77 11	0379	56 30	0	16 52	64 11		10 20			0 0 3 9
	0065	06			23 18			031		

20	0000	07 20		07 31			07 47			1 3 03
20	0005	07 22		07 31						1 3 03
20	0010	07 22		07 32			08 06			1 3 03
20	0015	07 23		07 33						1 3 03
20	0020	07 25		07 36						1 3 03
20	0030	07 29		07 37			08 06			1 3 03
20	0040	03 47		07 66						1 3 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W										
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extre. lim.	Card code		

77 11 0379

20	0050	02	80		07	95				06	62		1	3	03	
20	0060	03	94		08	46				06	13		1	3	03	

77	11	0380	56	19	0	16	41	64	11	10	21		0	0	2	9
		0028	06					23	12		016					

21	0000	07	02		07	49				08	08		1	3	03	
21	0005	07	03		07	48							1	3	03	
21	0010	07	05		07	47				08	19		1	3	03	
21	0020	06	53		07	48							1	3	03	
21	0025	05	85		07	54				07	72		1	3	03	

77	11	0381	58	27	0	11	03	64	12		01	14		2	8	9	9
		0058	01	5				09	12								

14	0000	09	78		32	573							3	0	03	
14	0005	09	77		32	574							3	0	03	
14	0010	09	76		32	588							3	0	03	
14	0015	09	77		32	747							3	0	03	
14	0020	09	73		32	869							3	0	03	
14	0030	09	59Q		32	901							3	0	03	
14	0040	09	77		32	924							3	0	03	
14	0050	09	76		32	929							3	0	03	
14	0055	09	78		33	114							3	0	03	

77	11	0382	57	54	0	11	32	64	12		08	09		2	8	4	9
		0035	07					18	30			028					

09	0000	05	72		25	139				07	15		3	3	03	
09	0005	05	68		25	129							3	3	03	
09	0010	05	72		25	128				07	16		3	3	03	
09	0015	05	72		25	191							3	3	03	
09	0020	05	76		25	375							3	3	03	
09	0030	07	33		30	089				06	29		3	3	03	

77	11	0383	57	55	0	11	36	64	12		08	10		2	8	3	9
		0052	07					18	30			023					

10	0000	05	80		25	148							3	3	03	
10	0005	05	73		25	158							3	3	03	
10	0010	05	71		25	187							3	3	03	
10	0015	05	74		25	560							3	3	03	
10	0020	05	74		26	682							3	3	03	
10	0030	06	39		28	422				06	57		3	3	03	
10	0040	08	67		33	055							3	3	03	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
			↓		↓		↓			↓						

77 11 0383

10 0045 08 75 33 424 05 78 3 3 03

77 11 0384 57 59 0 11 46 64 12 08 10 2 8 2 9

0019 07 18 30 019

10 0000 05 53 26 084 3 3 03

10 0005 05 52 26 136 3 3 03

10 0010 05 69 26 616 3 3 03

10 0017 05 74 27 000 3 3 03

77 11 0385 58 04 0 11 47 64 12 08 11 9 9 2 9

0025 07 18 32 025

11 0000 05 70 27 468 06 54 3 3 03

11 0005 05 73 27 469 06 84 3 3 03

11 0010 05 75 27 492 06 79 3 3 03

11 0015 05 91 27 662 06 78 3 3 03

11 0020 05 97 27 751 06 76 3 3 03

77 11 0386 58 08 0 11 50 64 12 08 12 2 8 1 9

0018 07 18 32 009

12 0000 05 15 25 564 3 3 03

12 0005 05 14 25 557 3 3 03

12 0010 05 36 25 964 3 3 03

12 0015 06 83 27 908 3 3 03

77 11 0387 58 11 0 11 51 64 12 08 12 2 8 1 9

0023 06 18 32 000

12 0000 05 92 26 170 3 3 03

12 0005 06 04 26 426 3 3 03

12 0010 06 55 27 074 3 3 03

12 0015 08 65 29 899 3 3 03

12 0020 09 77 31 013 04 65 3 3 03

77 11 0388 58 16 0 11 49 64 12 08 13 2 8 1 9

0025 06 18 32 004

13 0000 06 20 24 427 3 3 03

13 0005 06 91 24 870 3 3 03

13 0010 07 77 26 892 3 3 03

13 0015 09 71 30 366 3 3 03

13 0023 09 98 31 471 03 73 3 3 03

Country	Ship	Station number	Latitude		0-N+E 1-N+W 2-S+E 3-S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'		°	'								
		Depth to bottom m	Temperature °C			Temperature °C		Wind			Mixed layer depth m				
			Dry ↓	bulb		Wet ↓	bulb	Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info	Card code			
		↓	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
77	11	0389	58	20	0	11	53	64	12	08	14	2	8	2	9
		0050	06					18	36		005				
	14	0000	04	24		18	094			07	30	3	3	03	
	14	0005	05	35		21	807			06	50	3	3	03	
	14	0010	09	15		25	794			03	56	3	3	03	
	14	0015	07	73		29	698					3	3	03	
	14	0020	06	40		30	744					3	3	03	
	14	0030	06	02		30	948					3	3	03	
	14	0040	05	91		31	000					3	3	03	
	14	0045	05	89		30	999					3	3	03	
77	11	0390	58	19	0	11	46	64	12	08	14	2	8	2	9
		0040	07					23	30		007				
	14	0000	04	44		21	969			07	20	3	3	03	
	14	0005	04	46		22	005					3	3	03	
	14	0010	06	50		24	952			05	70	3	3	03	
	14	0015	09	91		29	295			03	55	3	3	03	
	14	0020	10	15		31	120			03	60	3	3	03	
	14	0030	08	36		31	914			02	21	3	3	03	
	14	0037	06	09		31	977			00	31	3	3	03	
77	11	0391	58	17	0	11	41	64	12	08	15	2	8	2	9
		0058	07					23	34		013				
	15	0000	05	11		22	475			06	92	3	3	03	
	15	0005	04	97		22	468			06	95	3	3	03	
	15	0010	04	98		22	482			06	95	3	3	03	
	15	0015	07	04		24	672			05	30	3	3	03	
	15	0020	07	93		26	608			03	96	3	3	03	
	15	0030	06	37		29	015					3	3	03	
	15	0040	06	20		29	054					3	3	03	
	15	0050	06	06		29	094					3	3	03	
77	11	0392	58	15	0	11	38	64	12	08	15	2	8	2	9
		0055	06					23	36		011				
	15	0000	05	44		23	240			06	75	3	3	03	
	15	0005	05	43		23	246			06	77	3	3	03	
	15	0010	05	66		23	444			06	05	3	3	03	
	15	0015	08	06		25	552					3	3	03	
	15	0020	08	48		26	682			03	32	3	3	03	
	15	0030	06	33		28	999					3	3	03	
	15	0040	06	23		29	037					3	3	03	
	15	0050	06	19		29	056					3	3	03	
77	11	0393	58	14	0	11	35	64	12	08	16	2	8	2	9
		0037	06					23	36		013				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0393

16	0000	06	29		23	951				06	22		3	3	03	
16	0005	06	21		23	959				06	16		3	3	03	
16	0010	06	26		23	999				06	09		3	3	03	
16	0015	07	03		24	855				05	38		3	3	03	
16	0020	07	74		28	156				00	25		3	3	03	
16	0025	06	47		28	979							3	3	03	
16	0030	06	27		29	029							3	3	03	
16	0035	06	28		29	052							3	3	03	

77	11	0394	58	19	0	11	33	64	12	09	10		6	8	1	9
		0118	08					20	32		026					

10	0000	06	43		28	455				06	89		3	4	03	
10	0005	06	47		28	501							3	4	03	
10	0010	06	37		28	692				06	83		3	4	03	
10	0015	06	42		28	825							3	4	03	
10	0020	06	45		28	987							3	4	03	
10	0030	07	08		29	740				06	47		3	4	03	
10	0040	09	67		32	250							3	4	03	
10	0050	10	93		33	747				04	77		3	4	03	
10	0060	09	03		34	384				04	07		3	4	03	
10	0070	06	63		34	708				03	32		3	4	03	
10	0080	06	46		34	765				03	04		3	4	03	
10	0090	06	40		34	803				03	12		3	4	03	
10	0100	06	37		34	831				02	92		3	4	03	
10	0110	06	37		34	851				02	65		3	4	03	

77	11	0395	58	16	0	11	26	64	12	09	11		2	8	1	9
		0060	08					20	28		022					

11	0000	06	35		28	036				07	19		3	4	03	
11	0005	06	36		28	046							3	4	03	
11	0010	06	37		28	167				07	02		3	4	03	
11	0015	06	42		28	418							3	4	03	
11	0020	06	64		29	051							3	4	03	
11	0030	08	29		31	072				05	96		3	4	03	
11	0040	10	00		32	734							3	4	03	
11	0050	10	80		33	657				04	96		3	4	03	

77	11	0396	58	19	0	11	22	64	12	09	11		2	8	2	9
		0033	08					20	24		033					

11	0000	06	32		27	993				07	07		3	4	03	
11	0005	06	30		28	007							3	4	03	
11	0010	06	45		28	041				07	11		3	4	03	
11	0015	06	35		28	215							3	4	03	

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice	
			°	'		°	'									
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.				Mixed layer depth m				
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. ‰ ↓	Salin. method	Extra info.	Card code				

77 11 0396

11 0020	06 34		28 270							3 4 03					
11 0030	06 22		28 639				06 94			3 4 03					

77 11 0397	58 22	0	11 23		64 12		09 12			2 8 1 9					
0017	08				20 24				017						

12 0000	06 26		28 455				06 99			3 4 03					
12 0005	06 25		28 469							3 4 03					
12 0010	06 23		28 522				06 99			3 4 03					
12 0015	06 17		28 629				06 90			3 4 03					

77 11 0398	58 22	0	11 26		64 12		09 13			6 8 1 9					
0023	08				23 16				023						

13 0000	06 33		28 506				06 84			3 4 03					
13 0005	06 31		28 511							3 4 03					
13 0010	06 19		28 633				06 91			3 4 03					
13 0015	06 11		28 739							3 4 03					
13 0020	06 14		28 760				06 98			3 4 03					

77 11 0399	58 05	0	11 17		64 12		10 08			2 7 3 9					
0043	07 5				23 14				008						

08 0000	06 15		25 401							3 0 03					
08 0005	06 13		25 450							3 0 03					
08 0010	07 22		31 348							3 0 03					
08 0015	07 40		33 263							3 0 03					
08 0020	07 40		33 289							3 0 03					
08 0030	07 43		33 299							3 0 03					
08 0040	08 27		33 821							3 0 03					

77 11 0400	58 05	0	11 13		64 12		10 08			1 3 3 9					
0052	07 5				23 14				000						

08 0000	06 62		26 586							3 0 03					
08 0005	07 38		30 517							3 0 03					
08 0010	08 10		33 518							3 0 03					
08 0015	08 19		33 648							3 0 03					
08 0020	08 25		33 765							3 0 03					
08 0030	08 28		33 780							3 0 03					
08 0040	08 26		33 798							3 0 03					
08 0050	08 33		33 857							3 0 03					

77 11 0401	58 04	0	11 09		64 12		10 09			1 6 2 9					
0095	08				23 12				013						

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		-Wind				Mixed layer depth m					
			Dry ↓ bulb		Wet ↓ bulb		Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code					
			↓	↓	↓	↓	↓	↓								

77 11 0401

09 0000	08 13			33 680							3 0 03
09 0005	08 13			33 679							3 0 03
09 0010	08 13			33 671							3 0 03
09 0015	08 23			33 763							3 0 03
09 0020	08 33			33 863							3 0 03
09 0030	08 45			34 013							3 0 03
09 0040	08 53			34 145							3 0 03
09 0050	08 56			34 174							3 0 03
09 0060	08 58			34 194							3 0 03
09 0070	08 59			34 208							3 0 03
09 0080	08 58			34 221							3 0 03
09 0090	08 58			34 221							3 0 03

77 11 0402	58 03	0	11 04	64 12	10	10	1 4 2 9
0126	08			23 12		120+	

10 0000	08 69			34 332			3 0 03
10 0005	08 75Q			34 332			3 0 03
10 0010	08 62			34 331			3 0 03
10 0015	08 64			34 327			3 0 03
10 0020	08 62			34 332			3 0 03
10 0030	08 66			34 328			3 0 03
10 0040	08 64			34 327			3 0 03
10 0050	08 65			34 330			3 0 03
10 0060	08 63			34 334			3 0 03
10 0070	08 68			34 356			3 0 03
10 0080	08 76			34 393			3 0 03
10 0090	08 81			34 415			3 0 03
10 0100	08 80			34 423			3 0 03
10 0120	08 82			34 428			3 0 03

77 11 0403	58 02	0	10 57	64 12	10	10	1 6 2 9
0160	08			23 12		045	

11 0000	08 30			33 949			3 0 03
11 0005	08 25			33 953			3 0 03
11 0010	08 31			33 953			3 0 03
11 0015	08 25			33 954			3 0 03
11 0020	08 28			33 964			3 0 03
11 0030	08 30			33 990			3 0 03
11 0040	08 39			34 039			3 0 03
11 0050	08 52			34 169			3 0 03
10 0060	08 75			34 375			3 0 03
10 0070	08 75			34 408			3 0 03
10 0080	08 80			34 422			3 0 03
10 0090	08 84			34 426			3 0 03
10 0100	08 88			34 450			3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code				

77 11 0403

10 0125	08 96			34 529								3 0 03			
10 0150	09 08			34 583								3 0 03			

77 11 0404	58 01	0	10 49	64 12	10 11	1 6 2 9
0210	08			23 10	045	

12 0000	08 15		33 763			3 0 03
12 0005	08 07		33 764			3 0 03
12 0010	08 08		33 747			3 0 03
12 0015	08 06		33 748			3 0 03
12 0020	08 09		33 758			3 0 03
12 0030	08 10		33 800			3 0 03
12 0040	08 15		33 819			3 0 03
12 0050	08 30		33 968			3 0 03
12 0060	08 62		34 271			3 0 03
12 0070	08 80		34 352			3 0 03
11 0080	08 91		34 471			3 0 03
11 0090	08 93		34 544			3 0 03
11 0100	09 03		34 597			3 0 03
11 0125			34 630			3 0 03
11 0150	09 21		34 642			3 0 03
11 0175	09 20		34 648			3 0 03
11 0200	09 21		34 680			3 0 03

77 11 0405	58 00	0	10 42	64 12	10 13	1 6 2 9
0175	07 8			20 10	005	

13 0000	08 10		33 714			3 0 03
13 0005	08 07		33 702			3 0 03
13 0010	08 18		33 801			3 0 03
13 0015	08 21		33 861			3 0 03
13 0020	08 24		33 874			3 0 03
13 0030	08 26		33 888			3 0 03
13 0040	08 28		33 929			3 0 03
13 0050	08 36		34 176			3 0 03
13 0060	08 66		34 436			3 0 03
13 0070	08 67		34 458			3 0 03
13 0080	08 74		34 498			3 0 03
13 0090	08 89		34 542			3 0 03
13 0100	08 91		34 562			3 0 03
13 0125	08 91		34 589			3 0 03
13 0160	08 92		34 603			3 0 03

77 11 0406	57 58	0	10 35	64 12	10 14	2 7 2 9
0135	07 4			20 10	012	

14 0000	08 09		33 650			3 0 03
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			1:N+W	2:S+E	3:S+W	1	2	3								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml / l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0406

14	0005	08	12		33	654						3	0	03		
14	0010	08	09		33	637						3	0	03		
14	0015	08	27		33	791						3	0	03		
14	0020	08	48		34	022						3	0	03		
14	0030	08	97		34	399						3	0	03		
14	0040	09	15		34	565						3	0	03		
14	0050	09	11		34	624						3	0	03		
14	0060	09	09		34	627						3	0	03		
14	0070	09	12		34	632						3	0	03		
14	0080	09	18		34	632						3	0	03		
14	0090	09	16		34	634						3	0	03		
14	0100	09	18		34	635						3	0	03		
14	0125	09	19		34	643						3	0	03		

77	11	0407	57	57	0	10	26	64	12	10	14	2	7	2	9	
		0098	07	4				23	08		019					

14	0000	08	08		33	581						3	0	03		
14	0005	08	09		33	581						3	0	03		
14	0010	08	07		33	581						3	0	03		
14	0015	08	11		33	587						3	0	03		
14	0020	08	23		33	748						3	0	03		
14	0030	08	98		34	501						3	0	03		
14	0040	09	00		34	545						3	0	03		
14	0050	09	05		34	564						3	0	03		
14	0060	09	19		34	610						3	0	03		
14	0070	09	20		34	624						3	0	03		
14	0080	09	17		34	625						3	0	03		
14	0090	09	17		34	624						3	0	03		

77	11	0408	57	55	0	10	17	64	12	10	15	2	8	2	9	
		0085	07	6				23	08		019					

15	0000	08	07		33	657						3	0	03		
15	0005	08	05		33	652						3	0	03		
15	0010	08	07		33	654						3	0	03		
15	0015	08	06		33	657						3	0	03		
15	0020	08	28		34	006						3	0	03		
15	0030	08	10		34	493						3	0	03		
15	0040	08	93		34	579						3	0	03		
15	0050	09	00		34	579						3	0	03		
15	0060	09	02		34	583						3	0	03		
15	0070	08	99		34	580						3	0	03		
15	0080	08	98		34	587						3	0	03		

77	11	0409	58	16	0	10	11	64	12	10	18	2	8	2	9	
		0459	07	5				23	08		022					

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓		↓					

77 11 0409

18	0000	08	54		33	738						3	4	03		
18	0005	08	55		33	732						3	4	03		
18	0010	08	53		33	730						3	4	03		
18	0015	08	55		33	728						3	4	03		
18	0020	08	52		33	731						3	4	03		
18	0030	08	66		33	810						3	4	03		
18	0040	08	70		33	824						3	4	03		
18	0050	08	79		33	940						3	4	03		
18	0060	09	72		35	064						3	4	03		
18	0070	09	57		35	143						3	4	03		
18	0080	09	06		35	149						3	4	03		
18	0090	08	77		35	174						3	4	03		
18	0100	08	48		35	182						3	4	03		
18	0125	08	07		35	183						3	4	03		
18	0150	07	97		35	222						3	4	03		
18	0175	07	82		35	221						3	4	03		
18	0200	07	50		35	185						3	4	03		
18	0250	07	01		35	172						3	4	03		
18	0300	06	52		35	182						3	4	03		
18	0450	05	61		35	158						3	4	03		

77	11	0410	58	15	0	10	34	64	12	10	20	2	8	9	9	
		0280	07					25	08		022					

20	0000	08	14		33	688						3	4	03		
20	0005	08	14		33	691						3	4	03		
20	0010	08	11		33	692						3	4	03		
20	0015	08	13		33	688						3	4	03		
20	0020	08	09		33	694						3	4	03		
20	0030	08	33		34	248						3	4	03		
20	0040	08	92		34	729						3	4	03		
20	0050	09	04		34	831						3	4	03		
20	0060	09	03		34	885						3	4	03		
20	0070	09	07		34	953						3	4	03		
20	0080	09	11		34	994						3	4	03		
20	0090	09	12		35	012						3	4	03		
20	0100	09	14		35	041						3	4	03		
20	0125	09	16		35	137						3	4	03		
20	0150	08	62		35	173						3	4	03		
20	0175	08	23		35	181						3	4	03		
20	0200	08	04		35	204						3	4	03		
20	0270	06	97		35	189						3	4	03		

77	11	0411	58	16	0	10	44	64	12	10	21	2	8	2	9	
		0200	07					25	08		014					

22	0000	07	98		33	455						3	4	03		
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	'	''	0	'	''								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓	↓			↓			↓	↓	↓	↓	↓	↓		

77 11 0411

22	0005	08	00		33	455						3	4	03		
22	0010	08	00		33	461						3	4	03		
22	0015	08	11		33	559						3	4	03		
22	0020	08	60		34	139						3	4	03		
22	0030	08	65		34	445						3	4	03		
22	0040	09	03		34	599						3	4	03		
22	0050	08	99		34	601						3	4	03		
22	0060	08	97		34	626						3	4	03		
22	0070	08	96		34	648						3	4	03		
21	0080	09	00		34	707						3	4	03		
21	0090	08	94		34	800						3	4	03		
21	0100	08	94		34	822						3	4	03		
21	0125	09	02		34	861						3	4	03		
21	0150	09	05		34	902						3	4	03		
21	0175	09	10		35	090						3	4	03		
21	0190	08	62		35	157						3	4	03		

77	11	0412	58	18	0	10	49	64	12	10	23	1	5	2	9	
		0160	07					23	08		005					

23	0000	07	92		33	559						3	4	03		
23	0005	07	92		33	573						3	4	03		
23	0010	08	11		33	700						3	4	03		
23	0015	08	11		33	772						3	4	03		
23	0020	08	32		33	982						3	4	03		
23	0030	08	54		34	188						3	4	03		
23	0040	08	63		34	269						3	4	03		
23	0050	08	66		34	356						3	4	03		
23	0060	08	72		34	378						3	4	03		
23	0070	08	70		34	393						3	4	03		
23	0080	08	82		34	433						3	4	03		
23	0090	08	94		34	476						3	4	03		
23	0100	09	16		34	578						3	4	03		
23	0125	09	18		34	656						3	4	03		
23	0150	09	18		34	662						3	4	03		

77	11	0413	58	19	0	10	57	64	12	11	01	1	5	2	9	
		0115	07	5				23	08		115					

01	0000	08	73		34	350						3	4	03		
01	0005	08	76		34	353						3	4	03		
01	0010	08	73		34	348						3	4	03		
01	0015	08	72		34	347						3	4	03		
01	0020	08	73		34	352						3	4	03		
01	0030	08	77		34	353						3	4	03		
01	0040	08	73		34	356						3	4	03		
01	0050	08	74		34	372						3	4	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0413

01	0060	08	74		34	381						3	4	03		
01	0070	08	72		34	389						3	4	03		
01	0080	08	75		34	381						3	4	03		
01	0090	08	77		34	393						3	4	03		
01	0100	08	73		34	387						3	4	03		
01	0110	08	75		34	386						3	4	03		

77	11	0414	58	20	0	11	02	64	12	11	02	4	9	2	9	
		0085	06	8				23	06			000				

02	0000	07	76		32	132						3	4	03		
02	0005	08	27		33	844						3	4	03		
02	0010	08	36		33	934						3	4	03		
02	0015	08	37		33	941						3	4	03		
02	0020	08	39		33	947						3	4	03		
02	0030	08	36		33	973						3	4	03		
02	0040	08	42		34	063						3	4	03		
02	0050	08	57		34	161						3	4	03		
02	0060	08	60		34	198						3	4	03		
02	0070	08	64		34	294						3	4	03		
02	0080	08	69		34	307						3	4	03		

77	11	0415	58	20	0	11	06	64	12	11	03	1	1	2	9	
		0054	06					23	08			000				

03	0000	06	20		25	727						3	4	03		
03	0005	07	22		30	141						3	4	03		
03	0010	07	98		33	279						3	4	03		
03	0015	08	15		33	647						3	4	03		
03	0020	08	31		33	806						3	4	03		
03	0030	08	37		33	857						3	4	03		
03	0040	08	35		33	893						3	4	03		
03	0050	08	40		33	899						3	4	03		

77	11	0416	58	20	0	11	10	64	12	11	05	2	8	2	9	
		0049	06					23	08			000				

05	0000	06	09		25	311						3	4	03		
05	0005	06	21		26	868						3	4	03		
05	0010	06	38		28	241						3	4	03		
05	0015	07	55		28	311						3	4	03		
05	0020	07	55		29	104						3	4	03		
05	0030	07	59		33	337						3	4	03		
05	0040	07	86		33	550						3	4	03		

77	11	0417	58	35	0	11	09	64	12	11	07	2	7	1	9	
		0037	06					23	08			009				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Code		

77 11 0417

07	0000	06	38	28	307							3	0	03
07	0005	06	38	28	311							3	0	03
07	0010	06	55	28	383							3	0	03
07	0015	06	70	28	736							3	0	03
07	0020	07	68	30	582							3	0	03
07	0030	07	81	32	009							3	0	03

77	11	0418	58	35	0	11	05	64	12	11	08	2	7	1	9
		0092	06					23	08		022				

08	0000	06	61	28	337							3	0	03
08	0005	06	66	28	608							3	0	03
08	0010	06	67	28	658							3	0	03
08	0015	06	71	28	752							3	0	03
08	0020	06	73	29	019							3	0	03
08	0030	07	59	31	974							3	0	03
08	0040	08	35	32	979							3	0	03
08	0050	08	01	33	170							3	0	03
08	0060	07	86	33	198							3	0	03
08	0070	07	90	33	248							3	0	03
08	0080	07	91	33	286							3	0	03
08	0090	07	97	33	395							3	0	03

77	11	0419	58	34	0	11	01	64	12	11	09	2	7	2	9
		0050	06					23	08		006				

09	0000	06	32	27	289							3	0	03
09	0005	06	29	27	300							3	0	03
09	0010	06	48	28	011							3	0	03
09	0015	06	80	28	996							3	0	03
09	0020	07	28	30	866							3	0	03
09	0030	07	79	32	483							3	0	03
09	0040	07	98	33	193							3	0	03

77	11	0420	58	34	0	10	57	64	12	11	09	1	6	2	9
		0064	06	6				23	08		009				

09	0000	06	26	27	108							3	0	03
09	0005	06	26	27	098							3	0	03
09	0010	06	41	27	500							3	0	03
09	0015	07	05	30	062							3	0	03
09	0020	07	41	31	351							3	0	03
09	0030	07	81	32	921							3	0	03
09	0040	07	92	33	264							3	0	03
09	0050	08	04	33	589							3	0	03
09	0060	08	41	34	001							3	0	03

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'		°	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.				Mixed layer depth m			
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. % ↓	Salin. method	Extra info.	Card code				
77	11	0421 0080	58 33 07 0	0	10 54	64 12 23 10	11	10	1 4 2 9						
	10	0000	06 19		26 475				3 0 03						
	10	0005	06 21		26 485				3 0 03						
	10	0010	06 68		28 520				3 0 03						
	10	0015	07 69		31 991				3 0 03						
	10	0020	07 65		32 972				3 0 03						
	10	0030	07 88		33 414				3 0 03						
	10	0040	07 97		33 519				3 0 03						
	10	0050	08 47		34 004				3 0 03						
	10	0060	08 48		34 069				3 0 03						
	10	0070	08 58		34 134				3 0 03						
77	11	0422 0100	58 33 07 6	0	10 48	64 12 23 10	11	10	1 4 2 9						
	10	0000	06 36		27 203				3 0 03						
	10	0005	06 94		29 249				3 0 03						
	10	0010	07 58		31 964				3 0 03						
	10	0015	08 33		33 711				3 0 03						
	10	0020	08 48		34 039				3 0 03						
	10	0030	08 51		34 123				3 0 03						
	10	0040	08 49		34 112				3 0 03						
	10	0050	08 57		34 130				3 0 03						
	10	0060	08 60		34 141				3 0 03						
	10	0070	08 59		34 145				3 0 03						
	10	0080	08 54		34 149				3 0 03						
	10	0090	08 60		34 149				3 0 03						
77	11	0423 0140	58 32 07	0	10 41	64 12 23 12	11	11	1 5 2 9						
	11	0000	08 06		34 184				3 0 03						
	11	0005	08 15		34 204				3 0 03						
	11	0010	08 64		34 237				3 0 03						
	11	0015	08 67		34 249				3 0 03						
	11	0020	08 68		34 290				3 0 03						
	11	0030	08 71		34 360				3 0 03						
	11	0040	08 71		34 383				3 0 03						
	11	0050	08 73		34 397				3 0 03						
	11	0060	08 73		34 416				3 0 03						
	11	0070	08 80		34 451				3 0 03						
	11	0080	08 89		34 464				3 0 03						
	11	0090	08 90		34 464				3 0 03						
	11	0100	08 89		34 473				3 0 03						
	11	0125	08 92		34 491				3 0 03						
77	11	0424 0180	58 31 07	0	10 33	64 12 23 16	11	12	1 6 3 9						
								023							

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W									
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb	-Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. ‰ ↓	Salin. method	Extra info.	Card code		

77 11 0424

12	0000	07 89		33	496					3	0	03	
12	0005	07 91		33	495					3	0	03	
12	0010	07 88		33	495					3	0	03	
12	0015	07 91		33	496					3	0	03	
12	0020	07 90		33	521					3	0	03	
12	0030	08 19		33	828					3	0	03	
12	0040	08 64		34	262					3	0	03	
12	0050	08 87		34	490					3	0	03	
12	0060	08 76		34	546					3	0	03	
12	0070	08 98		34	592					3	0	03	
12	0080	08 90		34	609					3	0	03	
12	0090	08 86		34	611					3	0	03	
12	0100	08 91		34	617					3	0	03	
12	0125	09 00		34	672					3	0	03	
12	0150	09 09		34	881					3	0	03	
12	0175	09 17		34	932					3	0	03	

77	11	0425	58 29	0	10 18	64 12	11 14	2 7 3 9				
		0365	07			23 14	015					

14	0000	08 06		33	383					3	0	03	
14	0005	08 05		33	393					3	0	03	
14	0010	08 05		33	403					3	0	03	
14	0015	08 11		33	467					3	0	03	
14	0020	08 29		33	686					3	0	03	
14	0030	08 21		33	706					3	0	03	
14	0040	08 42		33	969					3	0	03	
14	0050	08 86		34	473					3	0	03	
14	0060	09 10		34	802					3	0	03	
14	0070	09 13		34	907					3	0	03	
14	0080	09 18		34	984					3	0	03	
14	0090	09 17		35	012					3	0	03	
14	0100	09 04		35	051					3	0	03	
14	0125	08 79		35	170					3	0	03	
14	0150	08 29		35	175					3	0	03	
14	0175	07 92		35	179					3	0	03	
14	0200	07 70		35	181					3	0	03	
14	0250	07 26		35	167					3	0	03	
14	0300	06 56		35	191					3	0	03	
14	0350	05 93		35	164					3	0	03	

77	11	0426	58 26	0	10 00	64 12	11 16	1 2 3 9				
		0550	07			23 12	019					

16	0000	07 94		33	359					3	0	03	
16	0005	07 88		33	358					3	0	03	
16	0010	07 88		33	363					3	0	03	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0426

16	0015	07	88		33	366						3	0	03		
16	0020	07	95		33	390						3	0	03		
16	0030	08	17		33	546						3	0	03		
16	0040	09	05		34	179						3	0	03		
16	0050	09	60		34	881						3	0	03		
16	0060	09	52		34	978						3	0	03		
16	0070	09	30		35	033						3	0	03		
16	0080	09	29		35	116						3	0	03		
16	0090	09	05		35	144						3	0	03		
16	0100	08	73		35	140						3	0	03		
16	0125	08	29		35	165						3	0	03		
16	0150	07	76		35	165						3	0	03		
16	0175	07	41		35	183						3	0	03		
16	0200	07	04		35	163						3	0	03		
16	0250	06	79		35	267						3	0	03		
16	0300	06	17		35	172						3	0	03		
16	0400	05	33		35	134						3	0	03		
16	0500	05	18		35	123						3	0	03		

77	11	0427	58	16	0	10	11	64	12	11	17	0	0	3	9	
		0450	07					23	10		000					

18	0000	08	21		33	577						3	0	03		
18	0005	08	13		33	573						3	0	03		
18	0010	08	22		33	609						3	0	03		
18	0015	08	33		33	714						3	0	03		
18	0020	08	38		33	729						3	0	03		
18	0030	08	40		33	761						3	0	03		
18	0040	08	47		33	807						3	0	03		
18	0050	08	85		34	174						3	0	03		
18	0060	09	47		35	054						3	0	03		
18	0070	08	96		35	127						3	0	03		
18	0080	08	65		35	173						3	0	03		
18	0090	08	43		35	189						3	0	03		
17	0100	08	53		35	217						3	0	03		
17	0125	07	99		35	176						3	0	03		
17	0150	07	73		35	182						3	0	03		
17	0175	07	50		35	169						3	0	03		
17	0200	07	30		35	165						3	0	03		
17	0250	06	72		35	163						3	0	03		
17	0300	06	30		35	174						3	0	03		
17	0400	05	55		35	142						3	0	03		

77	11	0428	58	16	0	10	44	64	12	11	21	1	2	2	9	
		0197	06	4				23	12		000					

21	0000	07	94		33	280						3	0	03		
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'	0N+E 1:N+W 2:S+E 3:S+W	°	'									
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0428

21	0005	07	83		33	275						3	0	03		
21	0010	07	86		33	269						3	0	03		
21	0015	07	84		33	277						3	0	03		
21	0020	07	88		33	293						3	0	03		
21	0030	08	40		34	126						3	0	03		
21	0040	08	41		34	223						3	0	03		
21	0050	08	50		34	504						3	0	03		
21	0060	08	62		34	597						3	0	03		
21	0070	08	89		34	828						3	0	03		
21	0080	09	04		34	933						3	0	03		
21	0090	09	03		34	969						3	0	03		
21	0100	09	05		34	992						3	0	03		
21	0125	09	02		35	037						3	0	03		
21	0175	08	85		35	067						3	0	03		

77	11	0429	58	18	0	10	49	64	12	11	22	0	0	2	9	
		0165	07					23	14		012					

22	0000	07	86		33	420						3	0	03		
22	0005	07	80		33	425						3	0	03		
22	0010	07	84		33	449						3	0	03		
22	0015	07	94		33	622						3	0	03		
22	0020	08	21		33	918						3	0	03		
22	0030	08	46		34	135						3	0	03		
22	0040	08	60		34	219						3	0	03		
22	0050	08	71		34	358						3	0	03		
22	0060	08	75		34	402						3	0	03		
22	0070	08	81		34	440						3	0	03		
22	0080	08	95		34	499						3	0	03		
22	0090	08	95		34	508						3	0	03		
22	0100	08	97		34	535						3	0	03		
22	0125	09	11		34	611						3	0	03		
22	0150	09	18		34	678						3	0	03		

77	11	0430	58	19	0	10	57	64	12	11	24	1	1	2	9	
		0113	08					23	14		015					

24	0000	08	16		33	910						3	0	03		
24	0005	08	08		33	909						3	0	03		
24	0010	08	10		33	912						3	0	03		
24	0015	08	12		33	946						3	0	03		
24	0020	08	39		34	093						3	0	03		
24	0030	08	51		34	200						3	0	03		
24	0040	08	55		34	239						3	0	03		
24	0050	08	60		34	272						3	0	03		
24	0060	08	63		34	330						3	0	03		
24	0070	08	66		34	388						3	0	03		

Country	Ship	Station number	Latitude		Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W								
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb	Wind Dir. Speed kn.				Mixed layer depth m				
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code			

77 11 0430

24	0080	08 68		34 391						3	0	03		
24	0090	08 68		34 399						3	0	03		
24	0100	08 68		34 403						3	0	03		

77	11	0431	58 20	0	11 02	64 12	12	01		2	8	3	9	
		0085	07			23 16			000					

01	0000	06 18		25 902						3	0	03		
01	0005	07 74		32 261						3	0	03		
01	0010	07 98		33 482						3	0	03		
01	0015	07 96		33 493						3	0	03		
01	0020	08 06		33 618						3	0	03		
01	0030	08 07		33 659						3	0	03		
01	0040	08 17		33 726						3	0	03		
01	0050	08 25		33 848						3	0	03		
01	0060	08 35		33 953						3	0	03		
01	0070	08 36		33 994						3	0	03		
01	0080	08 41		34 064						3	0	03		

77	11	0432	58 20	0	11 06	64 12	12	03		2	8	3	9	
		0060	07			23 16			000					

03	0000	06 00		25 079						3	0	03		
03	0005	06 52		28 047						3	0	03		
03	0010	07 71		32 922						3	0	03		
03	0015	07 86		33 350						3	0	03		
03	0020	07 93		33 473						3	0	03		
03	0030	08 02		33 576						3	0	03		
03	0040	08 05		33 666						3	0	03		
03	0050	08 08		33 708						3	0	03		

77	11	0433	58 20	0	11 10	64 12	12	04		2	8	3	9	
		0050	05			20 16			009					

04	0000	05 94		25 163						3	0	03		
04	0005	05 94		25 153						3	0	03		
04	0010	06 70		28 606						3	0	03		
04	0015	07 43		31 884						3	0	03		
04	0020	07 60		32 993						3	0	03		
04	0030	07 62		33 347						3	0	03		
04	0040	06 79									0	03		

77	11	0434	58 05	0	11 17	64 12	12	06		2	8	3	9	
		0043	05 2			20 22								

06	0000	06 31		25 361						3	0	03		
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Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0434

06	0005	06	95		30	447						3	0	03		
06	0010	07	23		32	561						3	0	03		
06	0015	07	30		32	697						3	0	03		
06	0020	07	37		32	738						3	0	03		
06	0030	07	54		32	970						3	0	03		
06	0040	07	70		33	116						3	0	03		

77	11	0435	58	05	0	11	13	64	12	12	06	2	8	3	9	
		0050	05	2				20	22		022					

06	0000	07	43		32	844						3	0	03		
06	0005	07	44		32	840						3	0	03		
06	0010	07	36Q		32	839						3	0	03		
06	0015	07	46		32	838						3	0	03		
06	0020	07	47		32	862						3	0	03		
06	0030	07	94		33	410						3	0	03		
06	0040	08	13		33	641						3	0	03		

77	11	0436	58	04	0	11	09	64	12	12	07	2	8	3	9	
		0097	05					20	24							

07	0000	08	21		33	889						3	0	03		
07	0005	08	06		33	888						3	0	03		
07	0010	08	15		33	890						3	0	03		
07	0015	08	29		33	924						3	0	03		
07	0020	08	45		34	034						3	0	03		
07	0030	08	07		34	134						3	0	03		
07	0040	08	72		34	145						3	0	03		
07	0050	08	74		34	202						3	0	03		
07	0060	08	71		34	301						3	0	03		
07	0070	08	78		34	364						3	0	03		
07	0080	08	78		34	440						3	0	03		
07	0090	08	81		34	447						3	0	03		

77	11	0437	58	03	0	11	04	64	12	12	08	2	8	4	9	
		0125	05					20	24		019					

08	0000	08	09		33	857						3	0	03		
08	0005	08	04		33	878						3	0	03		
08	0010	08	08		33	898						3	0	03		
08	0015	08	10		33	902						3	0	03		
08	0020	08	25		33	981						3	0	03		
08	0030	08	57		34	215						3	0	03		
08	0040	08	69		34	325						3	0	03		
08	0050	08	74		34	340						3	0	03		
08	0060	08	73		34	379						3	0	03		

Country	Ship	Station number	Latitude			Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	'	°	°	'								
		Depth to bottom m	Temperature °C		Temperature °C		Wind		Mixed layer						
			Dry ↓ bulb		Wet ↓ bulb		Dir.	Speed kn.							
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code				
		↓		↓	↓	↓	↓	↓							

77 11 0437

08 0070	08 78		34 391						3 0 03
08 0080	08 74		34 403						3 0 03
08 0090	08 74		34 402						3 0 03
08 0100	08 75		34 415						3 0 03
08 0115	08 74		34 411						3 0 03

77 11 0438	58 02	0	10 57	64 12	12 09	2 8 5 9
0160	05			23 32		

09 0000	08 12		33 986						3 0 03
09 0005	08 12		33 995						3 0 03
09 0010	08 10		33 990						3 0 03
09 0015	08 12		33 996						3 0 03
09 0020	08 17		34 029						3 0 03
09 0030	08 53		34 272						3 0 03
09 0040	08 55		34 314						3 0 03
09 0050	08 60		34 323						3 0 03
09 0060	08 63		34 362						3 0 03
09 0070	08 66		34 368						3 0 03
09 0080	08 73		34 389						3 0 03
09 0090	08 69		34 481						3 0 03
09 0100	08 86		34 556						3 0 03
09 0125	09 08		34 619						3 0 03
09 0150	09 00		34 637						3 0 03

77 11 0439	58 01	0	10 49	64 12	12 10	2 8 5 9
0210	05			23 32	010	

10 0000	07 98		33 434						3 0 03
10 0005	07 94		33 430						3 0 03
10 0010	07 95		33 470						3 0 03
10 0015	08 13		33 781						3 0 03
10 0020	08 32		33 906						3 0 03
10 0030	08 39		34 210						3 0 03
10 0040	08 57		34 432						3 0 03
10 0050	08 72		34 524						3 0 03
10 0060	09 03		34 609						3 0 03
10 0070	09 10		34 627						3 0 03
10 0080	09 10		34 636						3 0 03
10 0090	09 13		34 642						3 0 03
10 0100	09 17		34 654						3 0 03
10 0125	09 18		34 661						3 0 03
10 0150	09 16		34 672						3 0 03
10 0175	09 13		34 708						3 0 03
10 0200	08 92		34 939						3 0 03

77 11 0440	58 20	0	11 10	64 12	14 07	1 1 3 9
0050	04 4			29 10	004	

Country	Ship	Station number	Latitude			Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E 1:N+W 2:S+E 3:S+W	°	'	''	°								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml / l ↓	Oxygen ↓	Saturat. ‰ ↓	Salin. method	Extra Info.	Card code			

77 11 0434

06	0005	06	95	30	44	7						3	0	03
06	0010	07	23	32	56	1						3	0	03
06	0015	07	30	32	69	7						3	0	03
06	0020	07	37	32	73	8						3	0	03
06	0030	07	54	32	97	0						3	0	03
06	0040	07	70	33	11	6						3	0	03

77	11	0435	58	05	0	11	13	64	12	12	06	2	8	3	9
		0050	05	2				20	22		022				

06	0000	07	43	32	84	4						3	0	03
06	0005	07	44	32	84	0						3	0	03
06	0010	07	36Q	32	83	9						3	0	03
06	0015	07	46	32	83	8						3	0	03
06	0020	07	47	32	86	2						3	0	03
06	0030	07	94	33	41	0						3	0	03
06	0040	08	13	33	64	1						3	0	03

77	11	0436	58	04	0	11	09	64	12	12	07	2	8	3	9
		0097	05					20	24						

07	0000	08	21	33	88	9						3	0	03
07	0005	08	06	33	88	8						3	0	03
07	0010	08	15	33	89	0						3	0	03
07	0015	08	29	33	92	4						3	0	03
07	0020	08	45	34	03	4						3	0	03
07	0030	08	07	34	13	4						3	0	03
07	0040	08	72	34	14	5						3	0	03
07	0050	08	74	34	20	2						3	0	03
07	0060	08	71	34	30	1						3	0	03
07	0070	08	78	34	36	4						3	0	03
07	0080	08	78	34	44	0						3	0	03
07	0090	08	81	34	44	7						3	0	03

77	11	0437	58	03	0	11	04	64	12	12	08	2	8	4	9
		0125	05					20	24		019				

08	0000	08	09	33	85	7						3	0	03
08	0005	08	04	33	87	8						3	0	03
08	0010	08	08	33	89	8						3	0	03
08	0015	08	10	33	90	2						3	0	03
08	0020	08	25	33	98	1						3	0	03
08	0030	08	57	34	21	5						3	0	03
08	0040	08	69	34	32	5						3	0	03
08	0050	08	74	34	34	0						3	0	03
08	0060	08	73	34	37	9						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			1:N+W	2:S+E	3:S+W	1	2	3								
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb	Wind Dir. Speed kn.				Mixed layer depth m						
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code					

77 11 0437

08 0070	08 78	34 391	3 0 03
08 0080	08 74	34 403	3 0 03
08 0090	08 74	34 402	3 0 03
08 0100	08 75	34 415	3 0 03
08 0115	08 74	34 411	3 0 03

77 11 0438	58 02	0	10 57	64 12	12 09	2 8 5 9
0160	05			23 32		

09 0000	08 12	33 986	3 0 03
09 0005	08 12	33 995	3 0 03
09 0010	08 10	33 990	3 0 03
09 0015	08 12	33 996	3 0 03
09 0020	08 17	34 029	3 0 03
09 0030	08 53	34 272	3 0 03
09 0040	08 55	34 314	3 0 03
09 0050	08 60	34 323	3 0 03
09 0060	08 63	34 362	3 0 03
09 0070	08 66	34 368	3 0 03
09 0080	08 73	34 389	3 0 03
09 0090	08 69	34 481	3 0 03
09 0100	08 86	34 556	3 0 03
09 0125	09 08	34 619	3 0 03
09 0150	09 00	34 637	3 0 03

77 11 0439	58 01	0	10 49	64 12	12 10	2 8 5 9
0210	05			23 32	010	

10 0000	07 98	33 434	3 0 03
10 0005	07 94	33 430	3 0 03
10 0010	07 95	33 470	3 0 03
10 0015	08 13	33 781	3 0 03
10 0020	08 32	33 906	3 0 03
10 0030	08 39	34 210	3 0 03
10 0040	08 57	34 432	3 0 03
10 0050	08 72	34 524	3 0 03
10 0060	09 03	34 609	3 0 03
10 0070	09 10	34 627	3 0 03
10 0080	09 10	34 636	3 0 03
10 0090	09 13	34 642	3 0 03
10 0100	09 17	34 654	3 0 03
10 0125	09 18	34 661	3 0 03
10 0150	09 16	34 672	3 0 03
10 0175	09 13	34 708	3 0 03
10 0200	08 92	34 939	3 0 03

77 11 0440	58 20	0	11 10	64 12	14 07	1 1 3 9
0050	04 4			29 10	004	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	Oxygen		Saturat. ‰	Salin. method	Extra info.	Card code				
		↓			↓	↓	ml/l	↓	↓							

77 11 0440

07 0000	06 06	26 494	3 0 03
07 0005	06 42	27 560	3 0 03
07 0010	07 14	31 769	3 0 03
07 0015	07 16	32 384	3 0 03
07 0020	07 33	32 545	3 0 03
07 0030	07 42	32 751	3 0 03
07 0040	07 69	33 083	3 0 03

77 11 0441	58 20	0	11 06	64 12	14 08	1 2 3 9
0050	04 4			29 10		

08 0000	05 98	26 432	3 0 03
08 0005	06 43	28 097	3 0 03
08 0010	07 10	30 836	3 0 03
08 0015	07 08	31 703	3 0 03
08 0020	07 42	32 687	3 0 03
08 0030	07 64	33 093	3 0 03
08 0040	08 08	33 634	3 0 03

77 11 0442	58 20	0	11 02	64 12	14 08	1 4 3 9
0085	05			27 14	005	

08 0000	06 34	27 249	3 0 03
08 0005	06 38	27 327	3 0 03
08 0010	07 18	30 671	3 0 03
08 0015	07 60	32 844	3 0 03
08 0020	07 66	32 968	3 0 03
08 0030	07 77	33 156	3 0 03
08 0040	08 12	33 663	3 0 03
08 0050	08 15	33 712	3 0 03
08 0060	08 30	33 892	3 0 03
08 0070	08 26	33 928	3 0 03
08 0080	08 49	34 111	3 0 03

77 11 0443	58 19	0	10 57	64 12	14 09	1 3 3 9
0120	05			27 14	000	

09 0000	06 10	26 101	3 0 03
09 0005	07 43	31 298	3 0 03
09 0010	08 00	33 525	3 0 03
09 0015	08 02	33 561	3 0 03
09 0020	08 11	33 668	3 0 03
09 0030	08 15	33 743	3 0 03
09 0040	08 16	33 751	3 0 03
09 0050	08 13	33 757	3 0 03
09 0060	08 27	33 883	3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		

77 11 0443

09 0070	08 52			34 231								3 0 03				
09 0080	08 68			34 364								3 0 03				
09 0085	08 74			34 415								3 0 03				
09 0095	08 81			34 450								3 0 03				

77 11 0444	58 18	0	10 49	64 12	14	10	1 2 3 9
0165	05			27 14		014	

11 0000	08 00		33 681				3 0 03
11 0005	08 00		33 672				3 0 03
11 0010	07 99		33 653				3 0 03
11 0015	08 19		33 850				3 0 03
11 0020	08 15		33 876				3 0 03
11 0030	08 36		34 005				3 0 03
11 0040	08 21		34 071				3 0 03
11 0050	08 53		34 167				3 0 03
11 0060	08 19		34 335				3 0 03
10 0070	08 72		34 400				3 0 03
10 0080	08 80		34 456				3 0 03
10 0085	08 82		34 493				3 0 03
10 0095	08 86		34 504				3 0 03
10 0120	08 89		34 523				3 0 03
10 0145	08 90		34 539				3 0 03

77 11 0445	58 16	0	10 44	64 12	14	11	1 2 3 9
0195	05			27 14			

12 0000	08 10		33 926				3 0 03
12 0005	08 06		33 931				3 0 03
12 0010	08 08		33 934				3 0 03
12 0015	08 08		33 941				3 0 03
12 0020	08 08		33 935				3 0 03
12 0030	08 11		33 966				3 0 03
12 0040	08 26		34 060				3 0 03
12 0050	08 56		34 315				3 0 03
12 0060	09 01		34 595				3 0 03
11 0070	09 00		34 629				3 0 03
11 0080	09 08		34 640				3 0 03
11 0085	09 00		34 619				3 0 03
11 0095	09 01		34 627				3 0 03
11 0120	09 11		34 670				3 0 03
11 0145	09 05		34 705				3 0 03
11 0170	09 05		34 729				3 0 03

77 11 0446	58 15	0	10 34	64 12	14	12	1 3 4 9
0275	06			27 14			

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0446

13	0000	08	17		33	922						3	0	03		
13	0005	08	19		33	916						3	0	03		
13	0010	08	18		33	932						3	0	03		
13	0015	08	47		34	141						3	0	03		
13	0020	08	99		34	439						3	0	03		
13	0030	09	21		34	556						3	0	03		
13	0040	09	04		34	587						3	0	03		
13	0050	09	08		34	591						3	0	03		
13	0060	08	99		34	607						3	0	03		
12	0070	08	75		34	601						3	0	03		
12	0080	08	64		34	596						3	0	03		
12	0090	08	59		34	605						3	0	03		
12	0100	08	64		34	623						3	0	03		
12	0125	08	64		34	656						3	0	03		
12	0150	08	49		34	675						3	0	03		
12	0175	08	75		34	831						3	0	03		
12	0200	08	82		35	000						3	0	03		
12	0250	06	45		35	163						3	0	03		

77 11 0447 58 16 0 10 11 64 12 14 15 1 1 3 9
0459 05 25 14

15	0000	07	85		33	481						3	0	03		
15	0005	07	84		33	481						3	0	03		
15	0010	07	81		33	486						3	0	03		
15	0015	07	83		33	487						3	0	03		
15	0020	07	83		33	488						3	0	03		
15	0030	07	89		33	530						3	0	03		
15	0040	08	48		33	982						3	0	03		
15	0050	09	47		34	961						3	0	03		
15	0060	09	23		35	080						3	0	03		
15	0070	08	94		35	126						3	0	03		
15	0080	08	81		35	181						3	0	03		
15	0090	08	56		35	224						3	0	03		
15	0100	08	24		35	205						3	0	03		
15	0125	08	20		35	230						3	0	03		
15	0150	07	97		35	205						3	0	03		
15	0175	07	62		35	176						3	0	03		
15	0200	07	34		35	172						3	0	03		
15	0250	06	82		35	171						3	0	03		
15	0300	06	46		35	183						3	0	03		
15	0450	05	32		35	135						3	0	03		

77 11 0448 57 55 0 10 17 64 12 14 17 1 3 3 9
0085 05 23 14

17 0000 08 24 34 144 3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0.N+E	1.N+W	2.S+E	3.S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		

77 11 0448

17	0005	08	19		34	144						3	0	03		
17	0010	08	40		34	145						3	0	03		
17	0015	08	68		34	287						3	0	03		
17	0020	08	65		34	313						3	0	03		
17	0030	08	76		34	340						3	0	03		
17	0040	08	95		34	418						3	0	03		
17	0050	09	00		34	458						3	0	03		
17	0060	09	09		34	539						3	0	03		
17	0070	09	03		34	540						3	0	03		
17	0080	08	98		34	542						3	0	03		

77	11	0449	57	57	0	10	26	64	12	14	18	1	1	3	9	
		0100	05					23	16							

18	0000	08	37		34	268						3	0	03		
18	0005	08	36		34	274						3	0	03		
18	0010	08	40		34	288						3	0	03		
18	0015	08	48		34	319						3	0	03		
18	0020	08	50		34	328						3	0	03		
18	0030	08	65		34	384						3	0	03		
18	0040	08	66		34	411						3	0	03		
18	0050	08	75		34	400						3	0	03		
18	0060	08	79		34	416						3	0	03		
18	0070	08	97		34	470						3	0	03		
18	0080	09	04		34	534						3	0	03		
18	0090				34	544						3	0	03		

77	11	0450	57	58	0	10	35	64	12	14	19	1	1	3	9	
		0135	05					27	16							

19	0000	08	39		34	198						3	0	03		
19	0005	08	30		34	198						3	0	03		
19	0010	08	32		34	196						3	0	03		
19	0015	08	35		34	208						3	0	03		
19	0020	08	38		34	210						3	0	03		
19	0030	08	55		34	279						3	0	03		
19	0040	08	74		34	363						3	0	03		
19	0050	09	03		34	505						3	0	03		
19	0060	09	18		34	595						3	0	03		
19	0070	09	18		34	587						3	0	03		
19	0080	09	18		34	626						3	0	03		
19	0090	09	17		34	630						3	0	03		
19	0100	09	14		34	648						3	0	03		
19	0125	09	15		34	648						3	0	03		

77	11	0451	58	00	0	10	42	64	12	14	20	1	1	3	9	
		0175	05					27	16							

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0451

20	0000	08	06		33	946						3	0	03
20	0005	08	05		33	943						3	0	03
20	0010	08	04		33	941						3	0	03
20	0015	08	05		33	945						3	0	03
20	0020	08	11		33	996						3	0	03
20	0030	08	35		34	122						3	0	03
20	0040	08	43		34	176						3	0	03
20	0050	08	64		34	249						3	0	03
20	0060	08	77		34	353						3	0	03
20	0070	08	77		34	367						3	0	03
20	0080Q	09	16		34	641						3	0	03
20	0090Q	09	20		34	667						3	0	03
20	0115Q	09	12		34	654						3	0	03
20	0140Q	09	02		34	643						3	0	03

77	11	0452	58	01	0	10	49	64	12	14	21	0	0	3	9
		0207	04					27	18						

21	0000	08	58		34	321						3	0	03
21	0005	08	57		34	317						3	0	03
21	0010	08	58		34	317						3	0	03
21	0015	08	65		34	337						3	0	03
21	0020	08	67		34	347						3	0	03
21	0030	08	66		34	331						3	0	03
21	0040	08	80		34	372						3	0	03
21	0050	08	85		34	392						3	0	03
21	0060	08	93		34	422						3	0	03
21	0070	09	03		34	473						3	0	03
21	0080Q	09	20		34	516						3	0	03
21	0100Q	09	18		34	554						3	0	03
21	0120Q	09	05		34	575						3	0	03
21	0140Q	08	97		34	603						3	0	03
21	0160Q	08	87		34	753						3	0	03

77	11	0453	58	02	0	10	57	64	12	14	22	0	0	3	9
		0160	04	8				27	20		021				

22	0000	08	37		34	215						3	0	03
22	0005	08	36		34	218						3	0	03
22	0010	08	37		34	219						3	0	03
22	0015	08	38		34	221						3	0	03
22	0020	08	36		34	220						3	0	03
22	0030	08	66		34	336						3	0	03
22	0040	08	73		34	358						3	0	03
22	0050	08	86		34	403						3	0	03
22	0060	08	90		34	416						3	0	03
22	0070	08	88		34	406						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml / l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code				
		↓			↓	↓	↓	↓	↓							

77 11 0453

22 0080	08 98	34 426	3 0 03
22 0090	08 98	34 442	3 0 03
22 0100	09 08	34 475	3 0 03
22 0125	09 06	34 505	3 0 03
22 0150	09 07	34 496	3 0 03

77 11 0454	58 03	0	11 04	64 12	14 23	1 2 3 9
0126	04 7			27 20		

23 0000	08 94	34 459	3 0 03
23 0005	08 91	34 460	3 0 03
23 0010	08 95	34 464	3 0 03
23 0015	08 93	34 467	3 0 03
23 0020	08 90	34 461	3 0 03
23 0030	08 93	34 456	3 0 03
23 0040	08 96	34 457	3 0 03
23 0050	08 96	34 462	3 0 03
23 0060	08 93	34 452	3 0 03
23 0070	08 98	34 454	3 0 03
23 0080	08 99	34 465	3 0 03
23 0090	09 01	34 466	3 0 03
23 0100	08 96	34 469	3 0 03
23 0120	08 94	34 472	3 0 03

77 11 0455	58 04	0	11 09	64 12	14 24	1 2 3 9
0095	04 7			27 20	015	

24 0000	08 02	33 666	3 0 03
24 0005	08 02	33 670	3 0 03
24 0010	08 01	33 662	3 0 03
24 0015	08 05	33 667	3 0 03
24 0020	08 32	33 975	3 0 03
24 0030	08 39	34 044	3 0 03
24 0040	08 45	34 086	3 0 03
24 0050	08 55	34 171	3 0 03
24 0060	08 55	34 240	3 0 03
24 0070	08 58	34 251	3 0 03
24 0080	08 57	34 268	3 0 03
24 0090	08 59	34 280	3 0 03

77 11 0456	58 05	0	11 13	64 12	15 01	1 2 3 9
0052	04 6			27 20		

01 0000	06 35	28 562	3 0 03
01 0005	07 08	31 823	3 0 03
01 0010	07 18	32 368	3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		Wind				Mixed layer depth m					
			Dry ↓ bulb		Wet ↓ bulb		Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code					
			↓	↓	↓	↓	↓	↓								

77 11 0456

01	0015	07	32		32	484						3	0	03
01	0020	07	65		32	851						3	0	03
01	0030	08	05		33	579						3	0	03
01	0040	08	10		33	682						3	0	03
01	0045	08	15		33	734						3	0	03

77	11	0457	58	05	0	11	17	64	12	15	01	2	7	3	9
		0045	04	6				27	20		000				

01	0000	05	79		24	772						3	0	03
01	0005	06	95		29	656						3	0	03
01	0010	07	17		32	115						3	0	03
01	0015	07	20		32	371						3	0	03
01	0020	07	36		32	624						3	0	03
01	0030	07	72		33	205						3	0	03
01	0040	07	90		33	427						3	0	03

77	11	0458	58	14	0	11	35	64	12	15	03	1	2	1	9
		0033	04					25	12						

03	0000	04	74		22	075				07	09	3	4	03
03	0005	05	11		22	571				06	88	3	4	03
03	0010	06	29		23	881				06	27	3	4	03
03	0015	07	52		25	530				04	44	3	4	03
03	0020	07	81		27	201				01	73	3	4	03
03	0025	06	52		28	888						3	4	03
03	0030	06	32		28	999						3	4	03

77	11	0459	57	48	0	10	52	64	12	15	07	1	1	2	9
		0056	05					23	20		018				

07	0000	06	87		32	492						3	0	03
07	0005	06	88		32	528						3	0	03
07	0010	06	85		32	579						3	0	03
07	0015	06	83		32	630						3	0	03
07	0020	06	98		32	709						3	0	03
07	0030	07	52		33	137						3	0	03
07	0040	07	66		33	252						3	0	03
07	0050	07	71		33	304						3	0	03

77	11	0460	57	50	0	11	04	64	12	15	08	1	2	9	9
		0049	05					23	16		039				

08	0000	07	17		33	020						3	0	03
08	0005	07	12		33	025						3	0	03

"Skagerak"

Chemical Observations

Country	Ship	Station number	Latitude	Longitude	Year	Month	Day	Start time	Depth to bottom m					
Obs. time	Obs. depth m	Temperature °C.	Chlorosity g./dm ³	Oxygen umol/dm ³	Phosphate-P µg.-atoms/dm ³	Total P µg.-atoms/dm ³	Silicate-Si µg.-atoms/dm ³	Card code						
		Nitrate-N µg.-atoms/dm ³	Nitrite-N µg.-atoms/dm ³	Ammonium-N µg.-atoms/dm ³	Organic N µg.-atoms/dm ³	pH	Alkalinity µmol/dm ³							
77 11	0001	55 00	0 14 05	964	01 08	17	0048							
17	0000	03 07	04 42	383	0 28									06
17	0005	03 07	04 42		0 32		8 13							06
17	0010	03 03	04 48	384	0 32		8 12							06
17	0015	03 03	04 64		0 31		8 06							06
17	0020	02 99	04 64		0 61		8 11							06
17	0030	02 97	05 92	367	0 38		8 11							06
17	0040	04 33	09 22	301	0 84		8 08							06
17	0045	04 55	09 27	294	0 94		8 01							06
77 11	0002	55 18	0 14 24	964	01 08	20	7 96 0041							
20	0000	03 23	04 17	376	0 26		8 09							06
20	0005	03 25	04 16		0 26		8 05							06
20	0010	03 30	04 18	384	0 27		8 01							06
20	0015	03 23	04 19		0 27		8 04							06
20	0020	03 22	04 20		0 38		8 02							06
20	0030	03 67	04 38	368	0 33		7 98							06
20	0040	04 07	05 28	354	0 32		7 96							06
77 11	0003	55 24	0 15 17	964	01 08	23	0090							
23	0000	02 82	04 07	387	0 20		8 06							06
23	0005	02 82	04 07		0 20		8 01							06
23	0010	02 92	04 07	391	0 20		7 99							06
23	0015	03 03	04 08		0 23		7 99							06
23	0020	03 23	04 15		0 27		8 00							06
23	0030	03 42	04 19	381	0 22		7 99							06
23	0040	03 76	04 27		0 26		7 99							06

Country	Ship	Station number	Latitude	0-N+E 1-N+W 2-S-E 3-S+W	Longitude	Year	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C.	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
													Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity level /dm ³		
77	11	0005																		
	06	0050	03 96		04 28	375		0 25									8 06			06
	06	0060	04 65		05 54			0 93									7 61			06
	06	0070	07 00		06 86	222		0 77									7 69			06
	06	0080	07 88		08 04	154 Q		1 12									7 54			06
77	11	0006	56 07	0	19 19	964		01 09	15								0120			
	16	0000	03 71		04 13	376		0 20									7 90			06
	16	0005	03 68		04 10			0 20									7 96			06
	16	0010	03 71		04 10	376		0 20									7 98			06
	16	0015	03 71		04 12			0 20									7 97			06
	16	0020	03 71		04 12			0 27									8 12			06
	16	0030	03 71		04 16	379		0 24									8 07			06
	16	0040	03 73		04 10			0 20									8 08			06
	16	0050	03 71		04 11	371		0 20									8 03			06
	15	0060	04 18		04 10			0 30									7 96			06
	15	0070	03 93		05 05	173		1 10									7 42			06
	15	0080	04 15		05 76			1 57									7 28			06
	15	0090	04 69		06 13			1 91									7 20			06
	15	0100	05 49		06 65	090		1 68									7 24			06
	15	0110	05 73		06 77	136		1 28									7 33			06
77	11	0007	56 51	0	18 52	964		01 09	21								0130			
	21	0000	02 62		03 99			0 22									8 23			06
	21	0005	02 62		04 02			0 22									8 08			06
	21	0010	02 63		03 99			0 22									8 06			06
	21	0015	02 60		04 05			0 20									8 04			06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0-N+E	1-N+W	2-S+E	3-S+W							
Obs. time	Obs. depth m	Temperature °C.		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code			
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval /dm ³				

77	11	0007										
	21	0020	02 68	04 09		0 24		8 01		06		
	21	0030	02 63	04 09		0 23		8 00		06		
	21	0040	02 90	04 12		0 23		8 00		06		
	21	0050	02 81	04 59	261	0 57		7 67		06		
	21	0060	03 04	04 88		0 94		7 55		06		
	21	0070	03 63	05 24	128	1 34		7 36		06		
	21	0080	04 03	05 49	084	1 62		7 25		06		
	21	0090	04 46	05 73	058	1 79		7 23		06		
	21	0100	04 79	06 04	034	1 90		7 18		06		
	21	0120	05 21	06 53	008	2 80		7 14		06		
77	11	0008	56 59	0 18 47	964	01 09	23	0075				
	23	0000	02 57	04 02	385	0 22		7 94		06		
	23	0005	02 57	04 02		0 23		7 98		06		
	23	0010	02 53	04 02	387	0 23		7 99		06		
	23	0015	02 54	04 06		0 26		7 97		06		
	23	0020	02 54	04 04		0 31		7 99		06		
	23	0030	02 56	04 03	385	0 27		7 98		06		
	23	0040	02 73	04 23		0 32		7 89		06		
	23	0050	02 88	04 39	301	0 49		7 66		06		
	23	0060	03 28	04 95		1 17		7 38		06		
	23	0070	03 38	05 02	165	1 17		7 33		06		
77	11	0009	57 05	0 18 42	964	01 09	24	0035				
	24	0000	02 54	04 09	384	0 27		7 78		06		

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0-N-E	1-N-W	2-S-E	3-S-W	0	1					

Obs. time	Obs. depth m	Temperature °C.	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		↓	↓	↓	↓	↓	↓	
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	
		↓	↓	↓	↓	↓	↓	

77 11	0009							
24	0005	02 51	04 09		0 27	7 93		06
24	0010	02 48	04 08	386	0 29	7 95		06
24	0015	02 52	04 08		0 32	7 96		06
24	0020	02 63	04 05	382	0 28	7 96		06
24	0030	02 78	04 10	365	0 32	7 93		06
77 11	0010	57 05	0 19 00	964	01 10	01 0122		
01	0000	02 98	04 04		0 20	7 83		06
01	0005	02 98	04 04		0 20	8 00		06
01	0010	02 98	04 03	389	0 18	7 98		06
01	0015	02 97	04 04		0 19	8 00		06
01	0020	02 99	04 04		0 19	7 88		06
01	0030	03 05	04 04	381	0 19	8 02		06
01	0040	03 33	04 06		0 19	7 99		06
01	0050	02 97	04 58	267	0 66	7 57		06
01	0060	03 41	05 02		1 51	7 31		06
01	0070	03 86	05 30	088	1 90	7 24		06
01	0080	04 24	05 55		2 02	7 18		06
01	0090	04 50	05 80		1 90	7 16		06
01	0100	04 77	06 03	030	2 07	7 15		06
01	0110	04 98	06 29	030	2 17	7 12		06
77 11	0011	57 20	0 19 59	964	01 10	06 0240		
06	0000	03 64	04 10	378	0 22	7 80		06
06	0005	03 61	04 10		0 22	7 95		06
06	0010	03 59	04 10	377	0 23	7 97		06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W							

Obs. time	Obs. depth m	Temperature °C.	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	

77 11 0011

06	0015	03 63		04 10		0 19		06
						7 96		
06	0020	03 65		04 10	376	0 22		06
						7 97		
06	0030	03 78		04 10	374	0 20		06
						7 99		
06	0040	03 72		04 13	376	0 22		06
						7.99		
06	0050	03 87		04 13	372	0 22		06
						7 99		
06	0060	02 82		04 49	301	0 46		06
						7 66		
06	0070	03 62		05 21	140	1 17		06
						7 35		
06	0080	04 08		05 59	080	1 62		06
						7 17		
06	0090	04 30		05 85	069	1 68		06
						7 17		
06	0100	04 53		06 03	051	1 79		06
						7 14		
06	0125	04 99		06 54	031	2 35		06
						7 14		
06	0150	05 38		06 77	005	4 40		06
						7 16		
06	0175	05 51		06 97		6 15		06
						7 12		
06	0200	05 53		07 07		7 10		06
						7 18		
06	0225	05 61		07 12	008	6 45		06
						7 19		

77 11 0012

		58 00	0	19 54	964	01 10	11 0200	
12	0000	03 64		04 09	376	0 20		06
						7 88		
12	0005			04 07	377	0 20		06
						7 95		
12	0010	03 60		04 07	380	0 20		06
						7 96		
12	0015	03 60		04 13		0 18		06
						7 96		
12	0020	03 62		04 06	376	0 23		06
						7 94		
12	0030	03 75		04 09	374	0 20		06
						7 96		
12	0040	03 80		04 09	372	0 19		06
						7 97		

Country	Ship	Station number	Latitude °	0: N+E 1: N+W 2: S+E 3: S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m	
Obs. time	Obs. depth m	Temperature °C			Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³			Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval /dm ³	
77 11	0016										
	09 0399	05 04			06 06	003		3 50			06
									7 19		
77 11	0017	58 00	0		18 00	964		01 13	14 0175		
	14 0000	02 69			03 91	388		0 26			06
	14 0005	02 70			03 92			0 19	7 78		06
	14 0010	02 69			03 91	384		0 16	7 90		06
	14 0015	02 70			03 92			0 20	7 92		06
	14 0020	02 69			03 90			0 17	7 91		06
	14 0030	02 69			03 91	387		0 20	7 93		06
	14 0040	02 72			03 91			0 20	7 90		06
	14 0050	02 99			04 13	333		0 34	7 94		06
	14 0060	03 13			04 49			0 86	7 78		06
	14 0070	03 61			05 11	105		1 62	7 45		06
	14 0080	03 95			05 27			1 96	7 17		06
	14 0090	04 34			05 55			2 50	7 11		06
	14 0100	04 53			05 67	013		2 85	7 07		06
	14 0125	04 63			05 76	009		3 10	7 05		06
	14 0150	05 72			06 08	007		3 70	7 05		06
									7 03		
77 11	0018	57 49	0		17 23	964		01 13	17 0117		
	17 0000	02 69			03 90	380					06
	17 0005	02 72			03 89				7 79		06
	17 0010	02 70			03 89	384			7 91		06
	17 0015	02 71			03 89				7 88		06
	17 0020	02 72			03 89				7 94		06
									796		

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code				
			0:N+E 1:N+W 2:S+E 3:S+W																					
														Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³					
77	11	0018																						
	17	0030		02 73		03 89	384											7 96			06			
	17	0040		02 74		03 89												7 95			06			
	17	0050		02 79		03 91	380											7 93			06			
	17	0060		02 81		04 42												7 55			06			
	17	0070		03 62		05 09	112											7 24			06			
	17	0080		04 27		05 52												7 12			06			
	17	0090		04 52		05 65	022											7 08			06			
	17	0100		04 53		05 67	015											7 05			06			
	17	0110		04 61		05 70	016											7 06			06			
77	11	0019		57 45	0	17 09	964	01	13		19	0086												
	19	0000		02 23		03 94	386											7 99			06			
	19	0005		02 23		03 93												7 99			06			
	19	0010		02 21		03 93	389											7 98			06			
	19	0015		02 19		03 93												7 97			06			
	19	0020		02 20		03 93												7 97			06			
	19	0030		02 23		03 95	383											8 04			06			
	19	0040		02 43		04 09												7 79			06			
	19	0050		02 84		04 49	249											7 48			06			
	19	0060		03 27		04 79	174											7 31			06			
77	11	0020		57 42	0	16 58	964	01	13		20	0028												
	20	0000		02 64		03 89	385											7 96			06			
	20	0005		02 61		03 91												7 96			06			
	20	0010		02 66		03 91	382											7 97			06			

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N-E	1:N-W	2:S-E	3:S-W	0:N-E	1:N-W					

Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		↓	↓	Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	

77	11	0020										
		20 0015	02 68	03 91			7 96					06
		20 0025	02 73	03 91	384		7 97					06
77	11	0021	57 37	0 17 02	964	01 13	21 0071					
		21 0000	02 56	03 91	388		7 95					06
		21 0005	02 56	03 91			7 97					06
		21 0010	02 57	03 91	387		7 98					06
		21 0015	02 58	03 91			7 99					06
		21 0025	02 60	03 91	386		7 99					06
		21 0035	02 30	03 99			7 92					06
		21 0045	02 50	04 08	359		7 80					06
		21 0055	03 28	04 84	170		7 34					06
		21 0065	03 74	05 12	109		7 24					06
77	11	0022	57 31	0 17 06	964	01 13	22 0070					
		22 0000	02 43	03 91	395		7 85					06
		22 0005	02 46	03 91			7 90					06
		22 0010	02 44	03 93	389		7 91					06
		22 0015	02 41	03 92			7 91					06
		22 0020	02 45	03 93			7 92					06
		22 0030	02 43	03 93	389		7 91					06
		22 0040	02 71	04 16			7 75					06
		22 0050	03 00	04 48	260		7 49					06
		22 0060	03 12	04 53	237		7 46					06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
			0:N+E	1:N+W	2:S+E	3:S+W	0:E	1:W														
																Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	
77	11	0025	56	19	0	16	41	964	01	14	08	0033										
		08 0000	02	15		04	06	387											7	99		06
		08 0005	02	24		04	06												7	84		06
		08 0010	02	18		04	07	389											7	87		06
		08 0015	02	24		04	07												7	89		06
		08 0020	02	27		04	06	389											7	86		06
		08 0030	02	35		04	07	388											7	88		06
77	11	0026	56	09	0	15	37	964	01	15	07	0018										
		07 0000	00	99		03	93	386											7	29		06
		07 0005	01	04		03	93												7	53		06
		07 0010	01	55		03	98	387											7	75		06
		07 0015	03	73		04	26	358											7	77		06
77	11	0027	56	00	0	15	32	964	01	15	08	0043										
		08 0000	02	35		04	12	386											7	96		06
		08 0005	02	35		04	12												7	97		06
		08 0010	02	37		04	12	388											7	96		06
		08 0015	02	35		04	12												7	97		06
		08 0020	02	41		04	13	376											7	94		06
		08 0030	02	70		04	16												7	92		06
		08 0040	04	61		04	72	310											7	76		06
77	11	0028	55	48	0	16	07	964	01	15	11	0062										
		11 0000	02	61		04	17	391											7	99		06
		11 0005	02	67		04	18												8	01		06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0-N+E	1-N+W	2-S+E	3-S+W							

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	

77 11 0032

23 0010	02 73	04 28	387			8 01		06
23 0015	02 72	04 28				7 99		06
23 0020	02 72	04 28				8 00		06
23 0030	02 73	04 28	389			7 99		06
23 0040	03 06	04 31				7 98		06
23 0050	05 06	05 11	318			7 81		06
23 0060	07 65	07 34	229			7 61		06

77 11 0033

03 0000	02 56	04 16	389	01 16	03 0095			06
03 0005	02 56	04 15				7 98		06
03 0010	02 56	04 15	389			7 98		06
03 0015	02 55	04 15				7 99		06
03 0020	02 59	04 15				7 99		06
03 0030	02 76	04 17	384			7 98		06
03 0040	03 72	04 28				7 97		06
03 0050	05 36	05 09	281			7 96		06
03 0060	05 71	07 45				7 69		06
03 0070	06 17	08 50	239			7 77		06
03 0080		08 97	258			7 67		06
03 0090	08 54	09 72	089			7 72Q		06
						7 39		

77 11 0034

05 0000	02 74	04 20	385	01 16	05 0049			06
05 0005	02 72	04 20				7 94		06
						7 88		

Country	Ship	Station number	Latitude		Longitude		Year	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
			0:R+E	1:R+W	2:R+E	3:R+W								Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0034

05 0010	02 75	04 20	385								06
								8 00			
05 0020	02 72	04 20						8 00			06
05 0030	02 84	04 20	385					8 00			06
05 0040	03 43	04 31	376					8 00			06
05 0045	05 10	05 30	322					8 00			06
								7 87			

77 11 0035 55 28 0 14 41 964 01 16 07 0070

07 0000	02 69	04 22	386								06
								8 00			
07 0005	02 67	04 20						7 99			06
07 0010	02 67	04 21	386					7 96			06
07 0015	02 67	04 19						7 97			06
07 0025	02 51	04 34						7 98			06
07 0035	03 35	04 49	380					7 98			06
07 0045	04 00	06 44						7 90			06
07 0055	04 18	07 91	326					7 89			06
07 0065	04 49	08 67	311					7 88			06

77 11 0036 55 32 0 14 26 964 01 16 08 0040

08 0000	02 49	04 20	384								06
								8 02			
08 0005	02 48	04 19						8 01			06
08 0010	02 49	04 19	389					8 00			06
08 0015	02 59	04 21						8 00			06
08 0020	02 63	04 23						7 98			06
08 0030	02 63	04 23	393					7 98			06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0: N+E	1: N+W	2: S+E	3: S+W							

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	

77 11 0042								
12 0050	05 09		19 10		0 70		8 05	06
77 11 0043	57 54	0	11 32	964	02 03		13 0037	
13 0000	02 82		14 07		0 31		8 10	06
13 0005	02 75		14 48		0 30		8 10	06
13 0010	02 84		14 88		0 39		8 08	06
13 0015	03 40		15 82		0 53		8 06	06
13 0020	04 35		17 58		0 58		8 03	06
13 0030	04 96		18 93	307	0 70		8 04	06
77 11 0044	57 55	0	11 36	964	02 03		14 0052	
14 0000	02 85		13 57		0 42		8 09	06
14 0005	02 83		13 58				8 07	06
14 0010	03 09		15 40		0 46		8 06	06
14 0015	03 52		16 19				8 06	06
14 0020	04 79		18 12		0 76		8 02	06
14 0030	04 88		18 92		0 70		8 03	06
14 0040	05 08		19 13		0 75		8 02	06
14 0050	05 21		19 17	313	0 64		8 04	06
77 11 0045	57 59	0	11 46	964	02 03		14 0028	
14 0000	02 67		13 61		0 49		8 06	06
14 0005	02 54		13 61		0 52		8 00	06
14 0010	02 52		13 61		0 54		8 00	06
14 0015	03 81		16 22		0 64		8 02	06

Country	Ship	Station number	Latitude °	0-N-E 1-N-W 2-S-E 3-S-W	Longitude °	Year . 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C.	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		↓	↓	↓	↓	↓	↓	
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	
		↓	↓	↓	↓	↓	↓	

77 11 0045								
14 0020	05 18	18 35		0 71				06
14 0025	05 12	18 81		296	0 92			06
77 11 0046	58 04	0 11 47	964	02 03	15 0025			
15 0000	02 36	13 64	343	0 56				06
15 0005	02 32	13 63		0 58				06
15 0010	03 36	15 14	315	0 64				06
15 0015	04 52	16 98	296	0 70				06
15 0020	05 54	18 53	283	0 82				06
77 11 0047	58 08	0 11 50	964	02 03	16 0018			
16 0000	02 29	13 64		0 55				06
16 0005	02 29	13 64		0 59				06
16 0010	02 77	14 22		0 69				06
16 0017	05 33	17 71	280	0 84				06
77 11 0048	58 11	0 11 51	964	02 03	16 0023			
16 0000	02 35	13 51		0 69				06
16 0005	02 33	13 51		0 60				06
16 0010	02 44	13 89		0 67				06
16 0015	05 31	16 79		0 93				06
16 0020	06 37	17 49	233	0 96				06
77 11 0049	58 16	0 11 49	964	02 03	17 0027			
17 0000	02 00	12 82		0 69				06

Country	Ship	Station number	Latitude °	0:N+E 1:N+W 2:S+E 3:S+W	Longitude °	Year . 1	Month	Day	Stat. time	Depth to bottom m	
Obs. time	Obs. depth m	Temperature °C.			Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		↓			Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval /dm ³	
		Nitrate-N μg.-atoms/dm ³			↓	↓	↓		↓	↓	

77	11	0049									
17	0005	02 00			12 82			0 67			06
17	0010	03 29			14 30			0 72			06
17	0015	08 11			16 74			1 27			06
17	0020	07 37			17 46			1 23			06
17	0025	05 95			17 85			1 02			06
77	11	0050	58 20	0	11 53	964		02 04		07 0045	
07	0000	01 82			10 95	332		1 44			06
07	0005	01 99			10 94			2 10			06
07	0010	06 04			14 30	206		1 14			06
07	0015	09 16			16 50	005		0 36			06
07	0020	06 13			17 24			9 5			06
07	0030	05 83			17 47			15 9			06
07	0040	05 81			17 56			12 9			06
77	11	0051	58 19	0	11 46	964		02 04		08 0040	
08	0000	01 61			12 40	349		0 95			06
08	0005	01 62			12 39			0 88			06
08	0010	04 76			14 30	280		0 82			06
08	0015	09 34			17 12			1 6			06
08	0020	07 81			17 66	163		1 5			06
08	0030	06 61			18 10	158		2 5			06
08	0038	06 78			1848	008		11 5			06

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m		
			0:0-E 1:0-W 2:0-E 3:0-W	0	0	0							
			Temperature °C		Chloroity g./dm ³		Oxygen μmol/dm ³		Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
			Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³		Ammonium-N μg.-atoms/dm ³		Organic N μg.-atoms/dm ³		pH	Alkalinity μval /dm ³	

77 11 0054

10 0037 06 06 16 54 5 2 06

77 11 0055 58 19 0 11 22 964 02 04 12 0035

12 0000 03 58 16 82 0 54 06

12 0005 03 56 16 82 0 49 06

12 0010 03 51 16 82 0 49 06

12 0015 03 57 16 82 0 51 06

12 0020 03 78 17 42 322 0 51 06

12 0030 05 01 18 58 299 0 55 06

77 11 0056 58 22 0 11 26 964 02 04 12 0027

12 0000 03 07 16 53 0 36 06

12 0005 03 11 16 64 0 30 06

12 0010 03 28 16 77 332 0 36 06

12 0015 03 33 16 80 0 42 06

12 0020 03 47 16 93 329 0 41 06

12 0025 03 76 17 16 319 0 52 06

77 11 0057 58 22 0 11 23 964 02 04 13 0025

13 0000 03 33 16 60 0 49 06

13 0005 03 30 16 61 0 33 06

13 0010 03 34 16 61 333 0 36 06

13 0015 03 35 16 64 0 39 06

13 0022 04 21 17 90 311 0 52 06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:0-E	1:0-W	2:0-E	3:0-W	0:0-E	1:0-W					
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³			Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code			
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μmol /dm ³					

77	11	0058	58	19	0	11	33	964	02	05	08	0120	
	08	0000	01	33		12	01	316	0	29			06
	08	0005	03	08		16	29		0	39			06
	08	0010	03	32		16	72	330	0	37			06
	08	0015	03	50		16	86		0	43			06
	08	0020	03	82		17	24		0	45			06
	08	0030	07	32		18	79	240	0	74			06
	08	0040	07	35		19	16		0	75			06
	08	0050	06	25		19	18	272	0	70			06
	08	0060	06	21		19	26		0	93			06
	08	0070	06	69		19	41	203	1	35			06
	08	0080	06	32		19	59		2	00			06
	08	0090	06	14		19	60	132	2	3			06
	08	0100	06	06		19	61	111	2	5			06
	08	0110	06	00		19	62	102	2	8			06
77	11	0059	58	22	0	11	35	964	02	05	11	0080	
	11	0000	01	95		13	04	326	0	19			06
	11	0005	02	40		14	30		0	20			06
	11	0010	03	24		16	55	329	0	42			06
	11	0015	03	44		16	80		0	47			06
	11	0020	03	64		17	09		0	53			06
	11	0030	07	36		18	74	239	0	79			06
	11	0040	07	13		19	19		0	89			06
	11	0050	06	26		19	20	270	0	79			06
	11	0060	06	43		19	27	273	0	96			06

Country	Ship	Station number	Latitude °	0:0-E 1:0-W 2:0-E 3:0-W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C ↓	Chloroey g./dm ³ ↓	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³ ↓	Total P μg.-atoms/dm ³ ↓	Silicate-Si μg.-atoms/dm ³ ↓	Card code
		Nitrate-N μg.-atoms/dm ³ ↓	Nitrite-N μg.-atoms/dm ³ ↓	Ammonium-N μg.-atoms/dm ³ ↓	Organic N μg.-atoms/dm ³ ↓	pH ↓	Alkalinity μval /dm ³ ↓	

77 11 0059

11 0070 06 84 19 45 184 1 4 06

77 11 0060 58 16 0 11 26 964 02 05 15 0055

15 0000 02 67 15 54 330 0 30 06

15 0005 02 65 15 61 0 29 06

15 0010 03 17 16 47 328 0 37 06

15 0015 03 54 17 01 0 43 06

15 0020 05 16 18 13 0 62 06

15 0030 05 10 18 60 299 0 61 06

15 0040 05 13 18 74 0 64 06

15 0050 05 16 18 79 299 0 66 06

77 11 0061 57 48 0 10 52 964 02 07 08 0057

08 0000 03 26 18 28 0 64 06

08 0005 03 28 18 27 0 54 06

08 0010 03 25 18 24 0 57 06

08 0015 03 54 18 45 0 59 06

08 0020 03 71 18 54 0 58 06

08 0030 03 57 18 58 0 65 06

08 0040 04 47 18 95 0 59 06

08 0050 04 96 19 21 0 59 06

77 11 0062 57 50 0 11 04 964 02 07 09 0047

09 0000 03 35 18 15 1 04 06

09 0005 03 36 18 15 0 82 06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			9:0-E	1:0-W	2:0-E	3:0-W	0	1					

Obs. time	Obs. depth m	Temperature °C	Chlorophyll g./dm ³	Oxygen µmol/dm ³	Phosphate-P µg.-atoms/dm ³	Total P µg.-atoms/dm ³	Silicate-Si µg.-atoms/dm ³	Card code
		Nitrate-N µg.-atoms/dm ³	Nitrite-N µg.-atoms/dm ³	Ammonium-N µg.-atoms/dm ³	Organic N µg.-atoms/dm ³	pH	Alkalinity µmol/dm ³	

77 11 0062

09 0010	03 33	18 16			0 92			06
09 0015	03 37	18 16			0 68			06
09 0020	03 38	18 18			0 59			06
09 0030	03 60	18 23			0 65			06
09 0040	03 87	18 42			0 61			06

77 11 0063

10 0000	04 08	18 50	964	02 07	10 0100			
10 0005	04 08	18 50			0 31			06
10 0010	04 08	18 50	323		0 26			06
10 0015	04 08	18 51			0 33			06
10 0020	04 11	18 51			0 32			06
10 0030	04 20	18 64	318		0 33			06
10 0040	04 15	18 71			0 39			06
10 0050	04 31	18 78	320		0 35			06
10 0060	04 76	18 96			0 42			06
10 0070	04 98	19 13	306		0 42			06
10 0080	05 05	19 17	304		0 50			06
10 0090	05 06	19 17	304		0 56			06

77 11 0064

11 0000	04 30	18 72	964	02 07	11 0065			
11 0005	04 28	18 72			0 40			06
11 0010	04 29	18 73			0 38			06
11 0015	04 27	18 73			0 39			06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0: N+E	1: N+W	2: S+E	3: S+W	0	1					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0064

11 0020	04 29	18 73			0 38			06
11 0030	04 37	18 82			0 39			06
11 0040	04 93	19 05			0 41			06
11 0050	04 98	19 07			0 45			06

77 11 0084 55 00 0 14 05 964 04 14 05 0048

05 0000	01 47	04 40		430	0 21			06
05 0005	01 48	04 40			0 23	8 08		06
05 0010	01 48	04 40		435	0 11	8 09		06
05 0015	01 45	04 40			0 18	8 11		06
05 0020	01 47	04 40			0 06	8 15		06
05 0030	00 81	05 07		423	0 06	8 21		06
05 0040	01 12	06 95		412	0 09	8 10		06
05 0045	02 30	09 49		346	0 28	8 14		06
						8 12		

77 11 0085 55 18 0 14 24 964 04 14 07 0048

07 0000	01 60	04 26		433	0 12			06
07 0005	01 61	04 26			0 11	8 26		06
07 0010	01 63	04 26		438	0 12	8 30		06
07 0015	01 57	04 26			0 04	8 24		06
07 0020	01 57	04 26			0 10	8 24		06
07 0030	00 77	04 43		429	0 07	8 25		06
07 0040	00 61	04 55		422	0 05	8 24		06
07 0045	02 23	08 52		275	0 55	8 16		06
						7 83		

Country	Ship	Station number	Latitude		Longitude	Year 1	Month	Day	Stat. time	Depth to bottom m
			0:8+E 1:8+W 2:8+E 3:8+W							

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77	11	0086	55 23	0 15 20	964	04 14	10 0091	
	10	0000	01 57	04 25	429	0 08		06
	10	0005	01 51	04 25		0 12	8 18	06
	10	0010	01 55	04 25	435	0 22	8 24	06
	10	0015	01 42	04 25		0 07	8 26	06
	10	0020	01 37	04 25		0 18	8 26	06
	10	0030	00 97	04 28	428	0 13	8 26	06
	10	0040	01 06	04 34		0 12	8 25	06
	10	0050	00 63	04 38	427	0 04	8 30	06
	10	0060	02 46	07 49		0 61	8 20	06
	10	0070	07 87	09 05	110	1 23	7 95	06
	10	0080	08 13	09 22	074	1 34	7 50	06
	10	0087	08 24	09 48	054	1 42	7 41	06
							7 43	
77	11	0087	55 15	0 15 59	964	04 14	13 0092	
	13	0000	01 51	04 33	439	0 06		06
	13	0005	01 50	04 33		0 26		06
	13	0010	01 50	04 32	447	0 12		06
	13	0015	01 39	04 32		0 05		06
	13	0020	01 29	04 32	436	0 06		06
	13	0030	01 21	04 32	442	0 05		06
	13	0040	01 08	04 34		0 06		06
	13	0050	00 90	04 41	419	0 07		06
	13	0060	04 21	07 24	317	0 56		06
	13	0070	07 57	08 90	146Q	1 16		06
	13	0080	08 00	09 60	055	1 33		06

Country	Ship	Station number	Latitude °	0:0+E 1:0+W 2:0+E 3:0+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0087

13 0085 08 13 09 65 042 1 46 06

77 11 0088 55 13 0 17 04 964 04 14 17 0092

17 0000 01 41 04 30 436 0 01 06

17 0005 01 44 04 28 0 03 06

17 0010 01 44 04 30 443 0 01 06

17 0015 01 45 04 30 0 02 06

17 0020 01 43 04 30 0 03 06

17 0030 01 37 04 30 436 0 02 06

17 0040 01 18 04 30 0 02 06

17 0050 00 91 04 33 427 0 06 06

17 0060 03 76 06 52 304 0 58 06

17 0070 04 49 07 14 288 0 60 06

17 0080 04 62 07 46 272 0 79 06

77 11 0089 55 38 0 18 36 964 04 14 23 0098

23 0000 01 41 04 23 436 0 01 06

23 0005 01 40 04 25 0 16 06

23 0010 01 39 04 25 435 0 05 06

23 0015 01 37 04 25 0 11 06

23 0020 01 38 04 25 0 06 06

23 0030 01 37 04 19 433 0 03 06

23 0040 01 37 04 22 0 03 06

23 0050 01 39 04 22 433 0 02 06

23 0060 01 40 04 27 0 18 06

Country	Ship	Station number	Latitude		Longitude		Year	Month	Day	Stat. time	Depth to bottom m
			0:0-E	1:0-W	2:0-E	3:0-W					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77	11	0089									
	23	0070	03 17	04 98	227	0 77					06
	23	0080	04 04	05 59		1 42					06
	23	0090	04 22	06 30	198	1 11					06
77	11	0090	56 07	0 19 19	964	04 15	03 0125				
	03	0000	01 13	04 22	431	0 06					06
	03	0005	01 26	04 21		0 06					06
	03	0010	01 40	04 20	437	0 10					06
	03	0015	01 46	04 20		0 13					06
	03	0020	01 46	04 21		0 13					06
	03	0040	01 45	04 22		0 08					06
	03	0050	01 47	04 23	428	0 07					06
	03	0060	01 14	04 26		0 56					06
	03	0070	03 24	05 02	222	1 12					06
	03	0080	03 98	05 84		1 10					06
	03	0090	04 76	06 38	138	1 64					06
	03	0100	04 64	06 59		1 26					06
	03	0120	05 06	06 73	169	1 11					06
77	11	0091	56 51	0 18 52	964	04 15	08 0106				
	08	0000	01 41	04 09	437	0 17					06
	08	0005	01 39	04 10		0 12					06
	08	0010	01 26	04 11	439	0 19					06
	08	0015	01 25	04 12		0 13					06
	08	0020	01 20	04 13		0 18					06

Country	Ship	Station number	Latitude °	0:0+E 1:0+W 2:0+E 3:0+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C ↓	Chlorosity g./dm ³ ↓	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³ ↓	Total P μg.-atoms/dm ³ ↓	Silicate-Si μg.-atoms/dm ³ ↓	Card code
		Nitrate-N μg.-atoms/dm ³ ↓	Nitrite-N μg.-atoms/dm ³ ↓	Ammonium-N μg.-atoms/dm ³ ↓	Organic N μg.-atoms/dm ³ ↓	pH ↓	Alkalinity μval /dm ³	

77 11 0091

08 0030	01 04		04 16	433	0 13			06
08 0040	00 86		04 16		0 16			06
08 0050	00 92		04 19	424	0 12			06
08 0060	01 15		04 19		0 17			06
08 0070	02 20		04 29	368	0 32			06
08 0080	03 60		05 29		1 23			06
08 0090	04 27		05 73	088	1 74			06
08 0100	04 84		06 24	069	1 83			06

77 11 0092 56 59 0 18 47 964 04 15 09 0072

09 0000	01 58		04 14	443	0 04			06
09 0005	01 62		04 15		0 04			06
09 0010	01 59		04 16	437	0 03			06
09 0015	01 56		04 16		0 03			06
09 0020	01 57		04 16		0 00			06
09 0030	01 37		04 17	430	0 00			06
09 0040	01 17		04 18		0 04			06
09 0050	01 16		04 18	424	0 05			06
09 0060	01 15		04 20	411	0 16			06
09 0070	02 94		04 80	232	0 94			06

77 11 0093 57 05 0 18 42 964 04 15 10 0030

10 0000	01 66		04 17	435	0 30			06
10 0005	01 64		04 10		0 05			06
10 0010	01 58		04 12	434	0 05			06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W							

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0093								
10 0015	01 51	04 12		0 02				06
10 0020	01 53	04 12		0 04				06
10 0028	01 16	04 15	420	0 04				06
77 11 0094	57 05	0 19 00	964	04 15	11 0111			
11 0000	01 68	04 16	441	0 15				06
11 0005	01 64	04 16		0 06				06
11 0010	01 41	04 16	439	0 00				06
11 0015	01 33	04 15		0 01				06
11 0020	01 20	04 16		0 02				06
11 0030	01 15	04 17	435	0 01				06
11 0040	01 26	04 19		0 02				06
11 0050	01 10	04 19	426	0 01				06
11 0060	01 11	04 20		0 18				06
11 0070	02 04	04 25	369	0 42				06
11 0080	03 61	05 22		1 28				06
11 0090	04 14	05 67	093	1 50				06
11 0100	04 63	06 07	066Q	1 83				06
77 11 0095	57 20	0 20 03	964	04 15	16 0246			
17 0000	01 16	03 99	435	0 17				06
17 0005	01 13	03 99	440	0 15				06
17 0010	01 06	03 99	435	0 17				06
17 0015	01 11	04 01	438	0 16				06
17 0020	01 08	03 98	438	0 14				06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:00+E	1:00+W	2:00+E	3:00+W	0:00+E	1:00+W					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0095

17 0030	00 96	03 99	431	0 14				06
17 0040	00 96	04 05	425	0 15				06
17 0050	00 96	04 07	396	0 29				06
17 0060	02 10	04 23	349	0 51				06
17 0070	03 55	05 11	147	1 66				06
16 0080	04 07	05 62	098	1 42				06
16 0090	04 39	05 91	066	1 55				06
16 0100	04 72	06 20	082	1 46				06
16 0125	05 24	06 59	075	1 87				06
16 0150	05 65	06 90	077	2 23				06
16 0175	05 81	06 99	061	2 78				06
16 0200	05 74	07 11	033	3 78				06
16 0225	05 85	07 18	067	3 01				06
16 0240	05 95	07 26	104	2 29				06

77 11 0096 58 00 0 19 54 964 04 15 21 0203

22 0000	01 33	03 97	445	0 08				06
22 0005	01 43	03 98		0 08				06
22 0010	01 29	03 98	442	0 08				06
22 0015	01 24	03 99		0 02				06
22 0020	01 25	03 99		0 05				06
22 0030	01 25	04 01	439	0 04				06
22 0040	01 04	04 05		0 05				06
22 0050	01 17	04 10	397	0 21				06
22 0060	01 33	04 17		0 21				06

Country	Ship	Station number	Latitude		Longitude		Year	Month	Day	Stat. time	Depth to bottom m
			0: N+E 1: N+W 2: S+E 3: S+W								

Obs. time	Obs. depth m	Temperature °C	Chloroality g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μmol/dm ³	

77	11	0096									
	21	0070	02 50	04 39	317	0 59					06
	21	0080	03 86	05 33		1 71					06
	21	0090	04 22	05 67		2 04					06
	21	0100	04 48	05 90	062	2 04					06
	21	0125	05 07	06 57	038	2 45					06
	21	0150	05 38	06 74	037	2 92					06
	21	0190	05 60	06 91	033	3 42					06
77	11	0098	59 18	0 21 28	964	04 16	07 0105				
	07	0000	01 08	03 83	439	0 06					06
	07	0005	01 06	03 83		0 11					06
	07	0010	01 05	03 83	442	0 07					06
	07	0015	01 03	03 83		0 17					06
	07	0020	00 89	03 85		0 19					06
	07	0030	00 39	03 93	416	0 33					06
	07	0040	00 79	03 98		0 45					06
	07	0050	01 32	04 06	388	0 32					06
	07	0060	02 33	04 26		0 68					06
	07	0070	04 35	05 58	044	2 80					06
	07	0080	04 61	05 89		2 95					06
	07	0090	04 70	05 96	019	2 97					06
	07	0100	04 73	06 00	019	2 98					06

Country	Ship	Station number	Latitude °	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
			0:0-E 1:0-W 2:0-E 3:0-W						
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
			Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH		
							Alkalinity μval/dm ³		

77	11	0099	60 12	0 19 09	964	04 16	16 0275		
	17	0000	00 92	03 19	454	0 02			06
	17	0005	00 85	03 20		0 02			06
	17	0010	00 89	03 19	458	0 01			06
	17	0020	00 74	03 20		0 01			06
	17	0030	01 03	03 66	390	0 22			06
	17	0040	00 92	03 71		0 30			06
	17	0050	01 13	03 76	386	0 33			06
	17	0060	00 89	03 76		0 35			06
	17	0070	00 74	03 79	400	0 38			06
	16	0080	00 70	03 81		0 37			06
	16	0090	00 59	03 84		0 39			06
	16	0100	00 35	03 85	406	0 38			06
	16	0125	00 56	03 85	402	0 42			06
	16	0150	01 23	03 89	354	0 45			06
	16	0200	01 45	03 89	372	0 51			06
	16	0250	01 73	03 90	359	0 55			06
77	11	0100	58 35	0 18 14	964	04 17	05 0459		
	05	0000	02 10	03 79	446	0 06			06
	05	0005	02 07	03 84		0 02			06
	05	0010	01 91	03 82	445	0 06			06
	05	0015	01 38	03 98		0 10			06
	05	0020	01 30	03 99		0 10			06
	05	0030	00 69	04 09	421	0 19			06
	05	0040	00 67	04 16		0 15			06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:8+E	1:8+W	2:8+E	3:8+W	0:8+E	1:8+W					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0100

05 0050	00 50		04 15	428				06
05 0060	00 57		04 17					06
05 0070	03 74		05 19	096				06
05 0080	04 35		05 64					06
05 0090	04 46		05 66					06
05 0100	04 45		05 67	019				06
05 0125	04 55		05 74					06
05 0150	04 66		05 89	012				06
05 0200	04 80		05 99	012				06
05 0300	04 72		06 06	026				06
05 0400	04 77		06 10	028				06
05 0440	04 78		06 10	030				06

77 11 0101 58 20 0 17 20 964 04 20 13 0055

13 0000	02 22		03 75	449				06
13 0005	02 21		03 76			7 91		06
13 0010	01 95		03 77	446		8 03		06
13 0015	01 95		03 81			8 09		06
13 0020	00 61		04 01			7 96		06
13 0030	00 68		04 05	424		7 82		06
13 0040	00 75		04 36			7 84		06
13 0050	01 64		04 34	329		7 84		06
						7 59		

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
			0: N + E	1: N + W	2: S + E	3: S + W	0: E	1: W															2: E
																Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³		
77	11	0102	58	25	0	17	14	964	04	20	14	0055											
		14	0000	02	55		03	79	444										7	57		06	
		14	0005	02	46		03	77											8	08		06	
		14	0010	02	04		03	79	440										8	14		06	
		14	0015	01	24		03	88											8	02		06	
		14	0020	00	58		04	02											7	90		06	
		14	0030	00	77		04	08	405										7	87		06	
		14	0040	00	85		04	12											7	80		06	
		14	0050	01	35		04	27	346										7	69		06	
77	11	0103	58	27	0	17	04	964	04	20	15	0030											
		15	0000	02	85		03	77	438										8	13		06	
		15	0005	02	96		03	74											8	21		06	
		15	0010	02	61		03	79	439										8	22		06	
		15	0015	01	84		03	82											8	15		06	
		15	0020	00	60		03	94											7	95		06	
		15	0030	00	73		04	10	398										7	86		06	
77	11	0104	58	30	0	16	57	964	04	20	16	0033											
		16	0000	03	56		03	59	457	0	24								8	30		06	
		16	0005	03	57		03	61		0	19								8	32		06	
		16	0010	00	76		03	79	439	0	16								8	04		06	
		16	0015	00	79		03	91		0	19								7	93		06	
		16	0020	00	36		03	91	407	0	24								7	82		06	
		16	0030	01	60		04	20	187	1	63								7	33		06	

Country	Ship	Station number	Latitude	Longitude	Year	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³		
77 11 0105		58 00	0 18 00	964	04 20	21 0175			
22 0000		01 88	04 04	437	0 15			06	
22 0005		01 82	04 04		0 16	7 67		06	
22 0010		01 80	04 02	438	0 13	7 95		06	
22 0015		01 47	04 06		0 16	7 99		06	
22 0020		01 46	04 09		0 13	7 95		06	
22 0030		01 46	04 06	438	0 13	7 97		06	
22 0040		01 48	04 07		0 21	7 98		06	
22 0050		01 34	04 09	434	0 15	8 00		06	
00 0060		00 67	04 12		0 16	7 99		06	
00 0070		00 73	04 15	412	0 27	7 38		06	
00 0080		01 42	04 24		0 57	7 73		06	
00 0090		03 94	05 30		2 32	7 67		06	
00 0100		04 37	05 59	023	3 10	7 13		06	
00 0125		04 60	05 70	012	3 75	6 98		06	
00 0150		04 63	05 73	004		6 98		06	
						6 99			
77 11 0106		57 30	0 18 04	964	04 21	01 0100			
01 0000		01 95	04 02	445				06	
01 0005		01 95	04 04			8 12		06	
01 0010		01 97	04 04	441		8 12		06	
01 0015		01 97	04 04			8 16		06	
01 0020		01 73	04 05			8 17		06	
01 0030		01 90	04 07	429		8 13		06	
01 0040		01 84	04 07			8 09		06	
01 0050		00 90	04 09	422		8 12		06	
						8 01			

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0-N+E	1-N+W	2-S+E	3-S+W	0	1					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0106

01 0060	01 18	04 17				7 95		06
01 0070	02 42	04 55	257			7 42		06
01 0080	04 28	05 53				6 97		06
01 0090	04 45	05 58	021			6 99		06

77 11 0107 57 31 0 17 53 964 04 21 02 0105

02 0000	01 39	04 06	435	0 36		7 98		06
02 0005	01 41	04 06		0 49		8 07		06
02 0010	01 43	04 06	431	0 24		8 08		06
02 0015	01 44	04 04		0 25		8 08		06
02 0020	01 37	04 06		0 25		8 06		06
02 0030	01 00	04 07	427	0 29		8 00		06
02 0040	01 62	04 10		0 25		8 07		06
02 0050	01 66	04 09	403	0 19		8 03		06
02 0060	00 86	04 09		0 19		7 99		06
02 0070	02 48	04 46	258	1 15		7 39		06
02 0080	03 98	05 26		2 50		6 99		06
02 0090	04 36	05 48	026	3 08		6 95		06
02 0100	04 51	05 54	013	3 53		6 95		06

77 11 0108 57 33 0 17 39 964 04 21 04 0101

04 0000	01 75	04 03	433			7 96		06
04 0005	01 77	04 03				8 07		06
04 0010	01 76	04 03	433			8 07		06
04 0015	01 76	04 03				8 04		06

Country	Ship	Station number	Latitude °	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
		Obs. time	Temperature °C	Chloro-a g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Obs. depth m	Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0108

04	0020	01 81	04 03				8 04		06
04	0030	01 20	04 05	429			8 02		06
04	0040	01 28	04 06				8 05		06
04	0050	01 18	04 07	434			8 03		06
04	0060	00 98	04 08				7 88		06
04	0070	03 91	04 10	070			7 41		06
04	0080	04 26	05 41				6 66		06
04	0090	04 39	05 50	020			7 01		06

77 11 0109

05	0000	02 30	03 93	434	04 21	05 0117			06
05	0005	02 19	03 93				8 10		06
05	0010	02 10	04 02	433			8 15		06
05	0015	01 91	04 03				8 13		06
05	0020	01 78	04 04				8 10		06
05	0030	01 65	04 04	430			8 08		06
05	0040	01 21	04 14				8 06		06
05	0050	01 41	04 23	354			7 81		06
05	0060	03 70	05 11				7 78		06
05	0070	04 17	05 41	035			7 26		06
05	0080	04 42	05 51				7 11		06
05	0090	04 47	05 57				7 02		06
05	0100	04 52	05 57	011			7 02		06
05	0110	04 56	05 58	012			6 96		06
							7 08		

Country	Ship	Station number	Latitude	0:0-E 1:0-W 2:0-E 3:0-W	Longitude	Year 1	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C		Chloroality g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval/dm ³	
77 11 0110		57 36	0 17 02	964	04 21	07 0075				
07 0000		01 63	03 98	434	0 17			8 07		06
07 0005		01 61	03 98		0 18			8 11		06
07 0010		01 62	03 98	443	0 13			8 10		06
07 0015		01 56	03 98		0 19			8 11		06
07 0020		01 55	03 98		0 19			8 09		06
07 0030		00 82	04 02	396	0 24			8 01		06
07 0040		00 82	04 05		0 19			7 99		06
07 0050		00 79	04 11	415	0 19			7 98		06
07 0060		03 56	05 07		2 13			7 44		06
07 0070		04 14	05 39	029	2 86			7 11		06
77 11 0111		57 38	0 16 50	964	04 21	08 0040				
08 0000		02 96	03 95	436				8 10		06
08 0005		02 51	03 96					8 18		06
08 0010		02 19	03 97	439				8 20		06
08 0015		02 06	03 97					8 17		06
08 0020		01 60	03 98	438				8 08		06
08 0030		01 00	04 02	426				8 04		06
77 11 0112		57 48	0 16 57	964	04 21	09 0055				
09 0000		01 76	03 95	444				8 16		06
09 0005		01 65	03 95					8 16		06
09 0010		01 46	03 95	444				8 15		06
09 0015		01 43	03 95					8 10		06
09 0020		01 41	03 95					8 12		06

Country	Ship	Station number	Latitude °	0:8+E 1:8+W 2:8+E 3:8+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
		Obs. time	Obs. depth m	Temperature °C	Chloroality g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
				Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0112

09 0030	00 74	03 97	432					8 04		06
09 0040	00 70	04 02						8 01		06
09 0050	00 95	04 10	394					7 87		06

77 11 0113

57 51	0 16 47	964	04 21	11 0029						
11 0000	03 71	03 89	431					8 26		06
11 0005	03 75	03 89						8 24		06
11 0010	02 59	03 92	439					8 23		06
11 0015	02 27	03 97						8 21		06
11 0020	02 00	03 98						8 16		06
11 0027	01 25	04 02	428					8 07		06

77 11 0114

57 53	0 16 43	964	04 21	11 0017						
11 0000	04 11Q	03 80Q	428	0 16						06
11 0005	05 30Q	03 76Q		0 13				8 22		06
11 0010	02 06	03 96	445	0 14				8 23		06
11 0015	01 58	03 98	441	0 23				8 19		06
								8 10		

77 11 0115

57 31	0 17 06	964	04 21	15 0070						
15 0000	01 77	04 03	439							06
15 0005	01 67	04 05						8 17		06
15 0010	01 57	04 05	443					8 17		06
15 0015	01 57	04 05						8 14		06
15 0020	01 57	04 05						8 14		06
15 0030	00 93	04 12	417					8 14		06
								8 03		

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
			0:N+E 1:N+W 2:S+E 3:S+W																	
														Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77	11	0115																			
	15	0040	00	89	04	14												8	05		06
	15	0050	01	64	04	33	343											7	78		06
	15	0060	03	31	05	03	124											7	38		06
77	11	0116	57	26	0	17	01	964	04	21	16	0052									
	16	0000	02	13	04	07	442		0	18								8	10		06
	16	0005	02	10	04	07			0	19								8	15		06
	16	0010	02	11	04	07	445		0	21								8	17		06
	16	0015	02	01	04	06			0	22								8	17		06
	16	0020	01	81	04	07			0	23								8	14		06
	16	0030	01	19	04	08	428		0	24								8	08		06
	16	0040	00	89	04	12			0	21								8	02		06
	16	0050	01	16	04	19	386		0	63								7	89		06
77	11	0117	57	07	0	17	40	964	04	21	19	0110									
	19	0000	02	26	04	05	441		0	24								8	17		06
	19	0005	02	24	04	05			0	28								8	18		06
	19	0010	02	26	04	05	439		0	26								8	18		06
	19	0015	01	68	04	07			0	26								8	15		06
	19	0020	01	66	04	08			0	26								8	20		06
	19	0030	01	42	04	09	430		0	27								8	21		06
	19	0040	01	26	04	10			0	26								8	06		06
	19	0050	00	99	04	12	418		0	24								8	00		06
	19	0060	01	38	04	23			0	55								7	76		06
	19	0070	03	51	05	03	129		1	92								7	46		06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W	0:E+W	1:W+W					

Obs. time	Obs. depth m	Temperature °C		Chlorosity	Oxygen	Phosphate-P	Total P	Silicate-Si	Card code
		↓	↓	g./dm ³	μmol/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	
		Nitrate-N		Nitrite-N	Ammonium-N	Organic N	pH	Alkalinity	
		μg.-atoms/dm ³		μg.-atoms/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	↓	μval /dm ³	

77 11 0117

19 0080	04 24	05 51			2 90		7 18		06
19 0090	04 36	05 57		021	3 20		6 94		06
19 0100	04 41	05 59		022	3 35		7 10		06

77 11 0118 56 33 0 17 04 964 04 21 23 0075

23 0000	02 00	04 09		437			8 05		06
23 0005	01 97	04 10					8 13		06
23 0010	01 62	04 10		434			8 14		06
23 0015	01 35	04 11					8 08		06
23 0020	01 42	04 11					8 07		06
23 0030	01 36	04 11		430			8 06		06
23 0040	01 25	04 12					8 08		06
23 0050	01 17	04 12		428			8 05		06
23 0060	00 78	04 15					7 97		06
23 0070	03 87	05 35		036			7 35		06

77 11 0119 56 30 0 16 52 964 04 22 00 0073

00 0000	01 56	04 10		434	0 11		8 09		06
00 0005	01 47	04 10			0 13		8 09		06
00 0010	01 51	04 11		429	0 13		8 08		06
00 0015	01 46	04 11			0 13		8 05		06
00 0020	01 47	04 11			0 13		8 08		06
00 0030	01 47	04 11		431	0 12		8 07		06
00 0040	01 46	04 11					8 07		06
00 0050	00 68	04 11		428	0 17		8 07		06

Country	Ship	Station number	Latitude °	0: N+E 1: N+W 2: S+E 3: S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C ↓	Chlorosity g./dm ³ ↓	Oxygen μmol/dm ³ ↓	Phosphate-P μg.-atoms/dm ³ ↓	Total P μg.-atoms/dm ³ ↓	Silicate-Si μg.-atoms/dm ³ ↓	Card code
		Nitrate-N μg.-atoms/dm ³ ↓	Nitrite-N μg.-atoms/dm ³ ↓	Ammonium-N μg.-atoms/dm ³ ↓	Organic N μg.-atoms/dm ³ ↓	pH ↓	Alkalinity μval /dm ³ ↓	

77 11 0119								
	00 0060	00 50	04 11					06
	00 0070	04 00	05 33	033	2 56	8 03		06
						7 09		
77 11 0120		56 19	0 16 41	964	04 22	02 0053		
	02 0000	02 06	04 08	431		8 08		06
	02 0005	01 99	04 08			8 13		06
	02 0010	02 00	04 08	436		8 14		06
	02 0015	01 98	04 09			8 12		06
	02 0020	01 98	04 08			8 11		06
	02 0030	01 09	04 09	424		8 06		06
	02 0040	01 21	04 15			7 98		06
	02 0050	01 17	04 24	411		7 97		06
77 11 0121		56 09	0 15 37	964	04 23	07 0016		
	07 0000	06 41	03 97	392		8 15		06
	07 0005	05 69	03 97			8 26		06
	07 0010	05 72	03 99			8 28		06
	07 0015	03 87		400		8 20		06
77 11 0122		56 00	0 15 32	964	04 23	08 0043		
	08 0000	02 62	04 10	422		8 18		06
	08 0005	02 51	04 10			8 16		06
	08 0010	02 53	04 10	423		8 17		06
	08 0015	02 67	04 12			8 22		06
	08 0020	02 47	04 12			8 18		06

Country	Ship	Station number	Latitude °	<small>0: N+E 1: N+W 2: S+E 3: S+W</small>	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C ↓	Chlorosity g./dm ³ ↓	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³ ↓	Total P μg.-atoms/dm ³ ↓	Silicate-Si μg.-atoms/dm ³ ↓	Card code
		Nitrate-N μg.-atoms/dm ³ ↓	Nitrite-N μg.-atoms/dm ³ ↓	Ammonium-N μg.-atoms/dm ³ ↓	Organic N μg.-atoms/dm ³ ↓	pH ↓	Alkalinity μval/dm ³ ↓	

77	11	0122								
	08	0030	02	32	04	12	425			06
	08	0040	01	13	04	20	419		8 18	06
									8 12	
77	11	0123	55	51	0	15 44	964	04 23	09 0045	
	09	0000	03	01	04	12	426		8 19	06
	09	0005	02	98	04	12			8 21	06
	09	0010	03	00	04	12	426		8 22	06
	09	0015	02	30	04	15			8 22	06
	09	0020	01	32	04	19			8 15	06
	09	0030	01	20	04	24	422		8 11	06
	09	0040	01	04	04	26	412		8 06	06
77	11	0124	55	48	0	16 07	964	04 23	11 0059	
	11	0000			04	26	441	0 05		06
	11	0005	02	82	04	26		0 10		06
	11	0010	02	79	04	26	439	0 13	8 31	06
	11	0015	02	55	04	27		0 13	8 31	06
	11	0020	02	30	04	27		0 15	8 27	06
	11	0030	01	81	04	29	440	0 23	8 28	06
	11	0040	01	02	04	31		0 08	8 21	06
	11	0050	00	67	04	34	401	0 21	8 16	06
									8 05	
77	11	0125	55	29	0	16 14	964	04 23	13 0077	
	13	0000	02	46	04	28	437		8 27	06
	13	0005	02	45	04	28			8 25	06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0: N+E	1: N+W	2: S+E	3: S+W	0	1					
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code					
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μvel /dm ³						

77 11 0125													
	13 0010	02 45	04 29	439							8 26		06
	13 0015	02 44	04 29								8 24		06
	13 0020	02 37	04 29								8 26		06
	13 0030	01 43	04 29	437							8 16		06
	13 0040	00 76	04 29								8 08		06
	13 0050	01 53	04 80	410							7 87		06
	13 0060	03 51	07 12								7 77		06
	13 0070	07 04	08 92	089							7 29		06
77 11 0126		55 15	0 15 59	964	04 23	15 0091							
	15 0000	02 73	04 26	435	0 08						8 25		06
	15 0005	02 57	04 26		0 10						8 22		06
	15 0010	02 53	04 26	434	0 10						8 25		06
	15 0015	02 38	04 26		0 06						8 23		06
	15 0020	02 37	04 26		0 07						8 21		06
	15 0030	01 87	04 30	431	0 08						8 20		06
	15 0040	01 73	04 30		0 05						8 19		06
	15 0050	00 62	04 49	415	0 10						8 11		06
	15 0060	04 14	07 35		0 58						7 73		06
	15 0070	06 92	08 77	155	1 16						7 50		06
	15 0080	07 63	09 30	089	1 28						7 33		06
	15 0087	08 11	09 58	024	1 40						7 27		06

Country	Ship	Station number	Latitude °	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m		
Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Cerd code	
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval/dm ³		
77 11 0127		55 23	0 15 20	964	04 23	18 0095					
18 0000		02 55	04 20	434	0 07			8 19		06	
18 0005		02 59	04 20		0 08			8 28		06	
18 0010		01 86	04 21	430	0 08			8 26		06	
18 0015		01 86	04 26		0 08			8 20		06	
18 0020		01 52	04 27		0 11			8 19		06	
18 0030		01 33	04 31	430	0 12			8 17		06	
18 0040		00 85	04 39		0 12			8 16		06	
18 0050		00 62	04 56	057	0 12			8 04		06	
18 0060		01 86	07 47		0 30			7 90		06	
18 0070		07 07	08 55	135	1 60			7 46		06	
18 0080		07 50	08 96		1 50			7 32		06	
18 0090		08 27	09 55	022	1 71			7 23		06	
77 11 0128		55 25	0 15 09	964	04 23	19 0077					
19 0000		03 22	04 18	433				8 12		06	
19 0005		03 23	04 19					8 28		06	
19 0010		01 60	04 23	430				8 23		06	
19 0015		01 02	04 24					8 19		06	
19 0020		00 98	04 30					8 12		06	
19 0030		01 71	04 33	427				8 16		06	
19 0040		01 11	04 38					8 14		06	
19 0050		01 12	04 82	416				8 07		06	
19 0060		01 31	06 50					8 03		06	
19 0070		04 07	08 28	293				7 74		06	

Country	Ship	Station number	Latitude		Longitude	Year	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code		
			0: N+E 1: N+W 2: S+E 3: S+W	°									°	↓	↓	↓	↓	↓		↓	↓
													Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³			
													↓	↓	↓	↓	↓	↓			
77	11	0129	55	27	0 14 55	964	04	23	20	0075											
		20 0000	03	43	04 23	453											8 24			06	
		20 0005	03	44	04 23												8 27			06	
		20 0010	03	45	04 25	459											8 27			06	
		20 0015	02	77	04 32												8 26			06	
		20 0020	02	37	04 35												8 25			06	
		20 0030	01	41	04 50	426											8 15			06	
		20 0040	01	19	05 38												8 10			06	
		20 0050	01	32	06 32	384											8 02			06	
		20 0060	01	30	06 67												7 99			06	
		20 0070	01	76	07 78	372											7 99			06	
77	11	0130	55	30	0 14 41	964	04	23	21	0067											
		21 0000	02	92	04 23	441											8 26			06	
		21 0005	02	92	04 26												8 28			06	
		21 0010	02	90	04 25	442											8 27			06	
		21 0020	02	17	04 28												8 24			06	
		21 0030	01	72	04 30	389											8 19			06	
		21 0040	00	63	04 45												8 10			06	
		21 0050	00	62	04 67	408											8 01			06	
		21 0060	02	07	08 17	356											7 97			06	
77	11	0131	55	32	0 14 26	964	04	23	23	0042											
		23 0000	03	46	04 26	444											8 31			06	
		23 0005	03	52	04 25												8 33			06	
		23 0010	03	48	04 26	439											8 34			06	

Country	Ship	Station number	Latitude °	0: N+E 1: N+W 2: S+E 3: S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0131

23 0015	02 16	04 30				8 26		06
23 0020	01 23	04 34				8 18		06
23 0030	00 86	04 38	396			8 13		06
23 0038	00 77	04 54	417			8 08		06

77 11 0132

00 0000	02 65	04 23	429	964	04 24	00 0045		06
00 0005	02 54	04 28				8 19		06
00 0010	02 56	04 23	426			8 19		06
00 0015	02 00	04 23				8 19		06
00 0020	01 71	04 23				8 16		06
00 0030	02 03	04 48	434			8 13		06
00 0040	01 77	05 47				8 23		06
00 0045	02 64	09 56	352			8 10		06
						8 04		

77 11 0133

03 0000	03 35	04 34	422	964	04 24	03 0048		06
03 0005	03 30	04 35			0 02	8 20		06
03 0010	03 31	04 34	424		0 03	8 22		06
03 0015	03 14	04 37			0 03	8 27		06
03 0020	00 93	04 52			0 06	8 25		06
03 0030	01 94	06 22	404		0 03	8 14		06
03 0040	02 03	07 83			0 02	8 10		06
03 0045	03 37	10 85	345		0 12	8 03		06
					0 24	8 02		

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code			
			0:N+E 1:N+W 2:S+E 3:S+W	0	0																		
														Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³				
77	11	0134	54	59	0	13	48	964	04	24	04	0046											
	04	0000	03	35		04	36	427										8	26		06		
	04	0005	03	33		04	35											8	26		06		
	04	0010	03	32		04	35	423										8	25		06		
	04	0015	03	17		04	35											8	25		06		
	04	0020	01	87		04	45											8	27		06		
	04	0030	01	74		07	09	400										8	25		06		
	04	0040	01	74		07	09	400										8	11		06		
	04	0040	03	02		10	74	315										7	98		06		
77	11	0135	54	58	0	13	30	964	04	24	06	0046											
	06	0000	02	42		04	39	430										8	25		06		
	06	0005	02	41		04	39											8	26		06		
	06	0010	02	44		04	39	429										8	27		06		
	06	0015	02	42		04	40											8	27		06		
	06	0030	02	39		06	07	406										8	23		06		
	06	0040	02	39		06	07	406										8	10		06		
	06	0040	01	24		07	43	381										8	10		06		
	06	0040	01	24		07	43	381										8	01		06		
77	11	0136	54	56	0	13	11	964	04	24	07	0044											
	07	0000	03	75		04	36	421	0	13								8	22		06		
	07	0005	03	78		04	36		0	06								8	30		06		
	07	0010	03	76		04	34	426	0	06								8	30		06		
	07	0015	03	82		04	35		0	06								8	30		06		
	07	0020	01	20		04	40		0	10								8	29		06		
	07	0030	01	18		05	54	405	0	18								8	17		06		
	07	0030	01	18		05	54	405	0	18								8	09		06		
	07	0040	02	79		08	49	364	0	36								8	09		06		
	07	0040	02	79		08	49	364	0	36								8	07		06		

Country	Ship	Station number	Latitude		Longitude	Year	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
			0:N+E 1:N+W 2:S+E 3:S+W	°									°	Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³

77 11 0302

12 0050 12 47 19 27 0 36 06

77 11 0303 57 52 0 11 18 964 10 12 13 0100

13 0000 12 17 17 70 267 0 43 06

13 0005 12 19 17 74 0 42 06

13 0010 12 32 18 20 269 0 49 06

13 0015 12 26 18 68 0 38 06

13 0020 12 10 18 84 0 63 06

13 0030 12 33 18 94 261 0 28 06

13 0040 12 39 18 94 0 26 06

13 0050 12 51 19 04 259 0 23 06

13 0060 12 58 19 10 0 47 06

13 0070 12 33 19 38 247 0 82 06

13 0080 11 38 19 57 0 72 06

13 0090 08 78 19 81 230 1 05 06

77 11 0304 57 50 0 11 04 964 10 12 14 0048

14 0000 12 01 16 53 0 43 06

14 0005 12 49 17 47 0 34 06

14 0010 12 94 18 52 0 25 06

14 0014 12 92 18 64 0 24 06

14 0019 12 89 18 75 0 26 06

14 0028 12 68 18 98 0 26 06

14 0038 12 58 19 14 0 35 06

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chloroity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
			0:N+E 1:N+W 2:S+E 3:S+W																	

77	11	0305	57	48	0	10	52	964	10	12	15	0056									
	15	0000	12	04		17	65										0	46			06
	15	0005	12	03		17	75										0	38			06
	15	0010	12	06		18	92										0	24			06
	15	0015	11	95		19	03										0	18			06
	15	0020	12	23		19	18										0	11			06
	15	0030	12	47		19	26										0	24			06
	15	0040	12	33		19	28										0	31			06
	15	0050	12	28		19	30										0	31			06
77	11	0312	58	25	0	09	45	964	10	13	02	0625									
	03	0000	11	16		18	32	273									0	14			06
	03	0005	11	12		18	33										0	17			06
	03	0010	11	11		18	37	272									0	09			06
	03	0015	11	08		18	94										0	09			06
	03	0020	10	09		19	63										0	21			06
	03	0030	08	15		19	86	265									0	48			06
	03	0040				19	99										0	67			06
	03	0050	07	88		19	96	258									0	71			06
	03	0060	07	51		19	94										0	78			06
	03	0070	07	08		19	92	247									0	88			06
	03	0080	07	02		19	93										0	82			06
	02	0090	06	95		19	92										0	90			06
	02	0100	06	99		19	93	250									0	86			06
	02	0125	06	93		19	94										0	90			06
	02	0150	06	92		19	97	250									0	94			06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:R+E	1:N+W	2:S+E	3:S+W							

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	

77 11 0312

02	0200	06 68	19 97	257	0 90			06
02	0300	05 96	19 96	274	0 91			06
02	0400	05 47	19 93	278	0 88			06
02	0500	05 12	19 92	280	0 88			06
02	0600	04 88	19 91	275	0 90			06

77 11 0313 58 09 0 10 06 964 10 13 06 0215

06	0000	11 58	19 01		0 02			06
06	0005	11 56	19 00		0 02			06
06	0010	11 53	19 01		0 01			06
06	0015	11 64	19 03		0 02			06
06	0020	11 66	19 05		0 01			06
06	0030	11 02	19 71		0 20			06
06	0040	08 73	19 81		0 40			06
06	0050	08 12	19 87		0 50			06
06	0058	07 93	19 87		0 64			06
06	0068	07 77	19 90		0 71			06
06	0077	08 31	19 99		0 74			06
06	0087	07 59	19 93		0 83			06
06	0097	07 58	19 92		0 83			06
06	0121	07 55	19 94		0 86			06
06	0145	07 53	19 96		0 87			06
06	0193	06 81	19 94		0 81			06

Country	Ship	Station number	Latitude °	D-N-E 1-N-W 2-S-E 3-S-W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
		Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
				Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0315

09 0030	11 83	19 15				0 02				06
09 0040	11 79	19 42				0 05				06
09 0050	11 51	19 62				0 11				06
09 0060	11 00	19 72				0 20				06
09 0064	11 16	19 68				0 23				06
09 0073	10 81	19 85				0 29				06
09 0082	09 80	19 86				0 38				06
09 0091	09 17	19 88				0 47				06
09 0113	08 39	19 93				0 60				06
09 0136	07 85	19 96				0 78				06
09 0182	07 01	19 94				0 85				06
09 0227	06 87	19 96				0 81				06

77 11 0316 58 16 0 10 44 964 10 13 10 0190

10 0000	12 38	18 61				0 05				06
10 0005	12 37	18 60				0 05				06
10 0010	12 37	18 64				0 05				06
10 0015	12 33	18 79				0 09				06
10 0020	12 37	18 82				0 04				06
10 0030	12 56	18 94				0 03				06
10 0040	12 78	19 13				0 03				06
10 0050	12 87	19 47				0 09				06
10 0060	12 40	19 57				0 10				06
10 0070	11 96	19 60				0 12				06
10 0080	11 06	19 65				0 28				06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W							
Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code			
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval /dm ³				

77 11 0316

10 0090	10 03		19 76			0 38				06
10 0100	09 22		19 88			0 52				06
10 0125	07 82		19 90			0 81				06
10 0150	07 42		19 92			0 89				06
10 0175	07 12		19 92			0 95				06

77 11 0317 58 18 0 10 49 964 10 13 11 0160

11 0000	12 38		18 59			0 24				06
11 0005	12 35		18 58			0 09				06
11 0010	12 35		18 67			0 05				06
11 0015	12 40		18 76			0 06				06
11 0020	12 43		18 84			0 06				06
11 0030	12 34		18 92			0 03				06
11 0040	12 63		19 08			0 05				06
11 0050	12 65		19 34			0 14				06
11 0060	12 03		19 50			0 14				06
11 0070	11 05		19 60			0 33				06
11 0080	10 12		19 76			0 39				06
11 0090	09 13		19 81			0 53				06
11 0100	08 69		19 84			0 72				06
11 0125	07 48		19 91			0 93				06
11 0150	07 44		19 92			0 97				06

Country	Ship	Station number	Latitude °	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³		

77 11 0319									
	13 0080	11 71	19 47			0 42			06
77 11 0320		58 20	0 11 06	964	10 13	14 0050			
	14 0000	11 74	15 08		0 10				06
	14 0005	11 74	15 08		0 09				06
	14 0010	11 96	15 39		0 10				06
	14 0015	11 96	17 26		0 09				06
	14 0020	12 06	17 60		0 08				06
	14 0030	12 18	18 60		0 08				06
	14 0040	12 02	18 79		0 05				06
77 11 0321		58 20	0 11 10	964	10 13	14 0035			
	14 0000	11 66	14 99		0 09				06
	14 0005	11 53Q	14 99		0 10				06
	14 0010	11 64	15 00		0 11				06
	14 0015	11 81	15 08		0 10				06
	14 0020	12 01	16 78		0 11				06
	14 0030	12 73	18 59		0 12				06
77 11 0322		58 22	0 11 23	964	10 14	07 0022			
	07 0000	11 02	14 61		0 26				06
	07 0005	11 13	14 75		0 21	8 36			06
	07 0010	11 76	15 26		0 23	8 35			06
	07 0015	12 80	18 14		0 32	8 34			06
	07 0020	12 79	18 52	218	0 43	8 28			06
						8 26			

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
			0-N-E 1-N-W 2-S-E 3-S-W																		
77	11	0326	58	16	0	11	26	964	10	14	10	0053									
	10	0000	11	14		13	07			0	14							8	21		06
	10	0005	11	51		14	53			0	10							8	24		06
	10	0010	12	12		15	75			0	10							8	25		06
	10	0015	12	69		17	68			0	20							8	22		06
	10	0020	12	78		18	27			0	21							8	25		06
	10	0030	12	84		18	55			0	18							8	23		06
	10	0040	12	76		18	78			0	21							8	23		06
	10	0050	12	66		18	89			0	23							8	23		06
																		8	23		
77	11	0327	58	19	0	11	33	964	10	14	11	0118									
	11	0000	11	67		14	13	259		0	19							8	24		06
	11	0005	12	11		15	53			0	11							8	33		06
	11	0010	12	23		15	89	258		0	11							8	30		06
	11	0015	12	87		18	02			0	32							8	25		06
	11	0020	12	89		18	37			0	33							8	23		06
	11	0030	12	84		18	54	227		0	28							8	23		06
	11	0040	12	70		18	71			0	28							8	22		06
	11	0050	11	75		18	78	188		0	49							8	16		06
	11	0060	06	64		19	60			1	4							8	00		06
	11	0070	06	33		19	73	166		1	6							7	99		06
	11	0080	06	31		19	76			1	7							7	98		06
	11	0090	06	35		19	77	150		1	7							7	98		06
	11	0100	06	34		19	78	148		2	0							7	96		06
	11	0115	06	37		19	79	116		2	7							7	88		06

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
			0:N+E 1:N+W 2:S+E 3:S+W	0 °	0 °	Nitrate-N μg.-atoms/dm ³								Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³			
77	11	0328	58	14	0	11	35	964	10	14	13	0037									
		13 0000	11	48		14	28	268	0	19								8	24		06
		13 0005	11	47		14	28		0	22								8	26		06
		13 0010	11	48		14	29	268	0	20								8	24		06
		13 0015	11	71		14	37	253	0	28								8	23		06
		13 0020	06	59		16	26		4	4								7	48		06
		13 0025	06	15		16	41		4	9								7	42		06
		13 0030	06	08		16	43		5	0								7	39		06
		13 0035	06	09		16	44		5	0								7	39		06
																		7	39		
77	11	0329	58	15	0	11	38	964	10	14	14	0055									
		14 0000	11	54		14	22	272	0	25								8	28		06
		14 0005	11	53		14	23		0	21								8	26		06
		14 0010	11	66		14	31	263	0	25								8	25		06
		14 0015	12	29		14	66	214	0	46								8	16		06
		14 0020	08	23		16	00	008	4	1								7	49		06
		14 0030	06	13		16	43		4	8								7	41		06
		14 0040	06	06		16	44		5	0								7	40		06
		14 0050	06	07		16	44		5	0								7	40		06
																		7	40		
77	11	0330	58	17	0	11	41	964	10	14	14	0060									
		14 0000	11	29		14	10	272	0	19								8	32		06
		14 0005	11	72		14	26		0	21								8	29		06
		14 0010	12	26		14	60	229	0	35								8	22		06
		14 0015	12	18		14	87		0	55								8	15		06
		14 0020	10	60		15	35	097	1	43								7	82		06

Country	Ship	Station number	Latitude °	0:N+E 1:N+W 2:S+E 3:S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval/dm ³	
77 11 0333		58 16	0	11 49	964	10 15	07	0025		
	07 0000	10 66		14 03		0 34				06
	07 0005	11 14		14 31		0 43		8 23		06
	07 0010	11 65		14 57		0 39		8 31		06
	07 0015	12 16		15 44		0 60		8 32		06
	07 0022	10 23		16 73		1 26		8 13		06
								7 72		
77 11 0334		58 11	0	11 51	964	10 15	08	0023		
	08 0000	11 05		14 60		0 35				06
	08 0005	11 06		14 61		0 38		8 16		06
	08 0010	11 29		14 65		0 34		8 24		06
	08 0015	11 96		15 16		0 52		8 25		06
	08 0020	11 03		16 53	081	1 35		8 16		06
								7 78		
77 11 0335		58 08	0	11 50	964	10 15	08	0018		
	08 0000	10 73		14 21		0 34				06
	08 0005	10 90		14 22		0 35		8 16		06
	08 0010	11 11		14 59		0 38		8 22		06
	08 0015	11 58		15 19	223	0 54		8 20		06
								8 15		
77 11 0336		58 04	0	11 47	964	10 15	09	0025		
	09 0000	10 80		13 96	272	0 27				06
	09 0005	10 89		14 08		0 21		8 24		06
	09 0010	11 19		14 37	261	0 32		8 23		06
	09 0015	11 84		15 07	234	0 48		8 24		06
	09 0022	12 24		15 87	209	0 70		8 22		06
								8 15		

Country	Ship	Station number	Latitude		Longitude		Year	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
			0:R+E	1:N+W	2:S+E	3:S+W								↓	↓	↓	↓	↓	↓		↓
77	11	0337	58	00	0	11	46	964	10	15	10	0025									
		10 0000	10	93		13	87			0	16							8	26		06
		10 0005	10	91		13	88			0	14							8	26		06
		10 0010	10	96		14	47			0	14							8	26		06
		10 0015	11	63		14	61			0	30							8	26		06
		10 0022	13	08		18	24	214		0	65							8	24		06
																		8	16		
77	11	0338	57	55	0	11	36	964	10	15	11	0053									
		11 0000	11	27		13	85	279		0	26							8	25		06
		11 0005	11	28		13	87			0	29							8	24		06
		11 0010	11	37		14	04	272		0	27							8	26		06
		11 0015	12	02		14	99			0	31							8	23		06
		11 0020	12	88		17	23			0	42							8	22		06
		11 0030	13	02		18	73	230		0	47							8	22		06
		11 0040	12	76		18	99			0	55							8	21		06
		11 0050				19	03	225		0	60							8	22		06
77	11	0339	57	54	0	11	32	964	10	15	11	0035									
		11 0000	11	44		13	95			0	19							8	28		06
		11 0005	11	37		13	97			0	19							8	28		06
		11 0010	11	30		14	15			0	18							8	28		06
		11 0015	12	18		15	27			0	26							8	28		06
		11 0020	12	91		17	69			0	29							8	26		06
		11 0030	12	47		19	09			0	28							8	22		06
																		8	24		

Country	Ship	Station number	Latitude	Longitude	Year	Month	Day	Stat. time	Depth to bottom m
			0: N+E 1: N+W 2: S+E 3: S+W						
Obs. time	Obs. depth m	Temperature °C	Chlorosity g/dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³		
77 11 0340	55 00	0 14 05	964	11 03	06 0047				
06 0000	09 80	04 38	334	0 07				06	
06 0005	09 80	04 38			8 16			06	
06 0010	09 78	04 39	333	0 05	8 17			06	
06 0015	09 61	04 44			8 14			06	
06 0020	09 63	04 46			8 19			06	
06 0030	09 72	04 48	329	0 06	8 20			06	
06 0040	12 45	08 32	161	0 37	8 20			06	
06 0045	12 16	09 34	042	0 86	7 79			06	
					7 50				
77 11 0341	55 18	0 14 24	964	11 03	08 0048				
08 0000	09 65	04 35	337	0 07				06	
08 0005	09 67	04 34			8 31			06	
08 0010	09 61	04 34	336	0 06	8 24			06	
08 0015	09 61	04 34			8 19			06	
08 0020	09 60	04 34			8 17			06	
08 0030	09 43	04 36	333	0 06	8 19			06	
08 0040	06 60	04 82	306	0 11	8 17			06	
08 0045	10 33	06 51	205	0 31	7 90			06	
					7 65				
77 11 0342	55 23	0 15 20	964	11 03	12 0090				
12 0000	10 21	04 22	332	0 08				06	
12 0005	10 19	04 22			8 18			06	
12 0010	10 19	04 21	331	0 06	7 99			06	
12 0015	10 22	04 21			8 18			06	
12 0020	10 26	04 22			8 17			06	
					8 17				

Country	Ship	Station number	Latitude		Longitude		Year	Month	Day	Stat. time	Depth to bottom m
			°	'	°	'					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		↓	↓	↓	↓	↓	↓	
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	
		↓	↓	↓	↓	↓	↓	

77 11 0342

12 0030	10 29	04 25	329	0 05				06
						8 16		
12 0040	03 14	04 32	336	0 07				06
						7 86		
12 0050	06 95	06 81	208	0 10				06
						7 69		
12 0060	10 37	08 21	161	0 22				06
						7 56		
12 0070	07 85	09 08	104	0 29				06
						7 39		
12 0080	07 51	09 43	047	0 34				06
						7 29		
12 0087	07 67	09 61	030	0 35				06
						7 28		

77 11 0343

15 0000	10 47	04 19	331	0 05				06
						8 17		
15 0005	10 40	04 19	334	0 06				06
						8 17		
15 0010	10 39	04 18	328	0 06				06
						8 16		
15 0015	10 41	04 18	330	0 06				06
						8 16		
15 0020	10 41	04 19	306	0 06				06
						8 17		
15 0030	10 20	04 26	323	0 06				06
						8 15		
15 0040	04 36	04 22	357	0 06				06
						7 97		
15 0050	05 61	05 80	264	0 12				06
						7 62		
15 0060	08 30	07 50	217	0 13				06
						7 66		
15 0070	07 81	08 48	171	0 15				06
						7 56		
15 0080	07 91	09 28	082	0 25				06
						7 36		
15 0087	07 87	09 65	032	0 28				06
						7 26		

77 11 0344

18 0000	10 51	04 23	329	0 07				06
						8 16		
18 0005	10 47	04 23		0 06				06
						8 17		

Country	Ship	Station number	Latitude °	0-N+E 1-N+W 2-S+E 3-S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		↓	↓	↓	↓	↓	↓	
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μvel /dm ³	
		↓	↓	↓	↓	↓		

77 11 0344

18 0010	10 49	04 23	326	0 08		8 17	06
18 0015	10 53	04 22		0 07		8 17	06
18 0020	10 52	04 22		0 08		8 16	06
18 0030	10 56	04 24	324	0 08		8 18	06
18 0040	10 58	04 24		0 08		8 17	06
18 0050	04 26	04 25	353	0 11		7 93	06
18 0060	04 50	05 24	279	0 24		7 97	06
18 0070	06 47	07 72	178	0 46		7 49	06
18 0080	06 78	08 23	140	0 61		7 45	06

77 11 0345

03 0000	09 73	04 06	333	0 07		8 19	06
03 0005	09 76	04 05		0 07		8 16	06
03 0010	09 71	04 05	334	0 07		8 17	06
03 0015	09 72	04 05		0 07		8 17	06
03 0020	09 72	04 05		0 08		8 17	06
03 0030	09 62	04 06	337	0 04		8 18	06

77 11 0346

09 0000	08 99	04 05	342			8 15	06
09 0005	08 99	04 05				8 18	06
09 0010	08 95	04 05	338			8 16	06
09 0015	08 94	04 05				8 17	06
09 0020	08 93	04 05				8 17	06
09 0030	08 94	04 05	341			8 11	06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W							

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0346

09 0040	02 86	04 19	376					06
09 0050	02 58	04 23	364			7 95		06
09 0060	02 57	04 48	274			7 86		06
09 0070	03 71	05 34	114			7 55		06
09 0080	04 12	05 70	066			7 18		06
09 0090	04 48	05 95	044			7 12		06
09 0100	04 63	06 24	079			7 10		06
						7 17		

77 11 0347

10 0000	08 66	04 02	348	11 04	10 0064			06
10 0005	08 67	04 02				8 02		06
10 0010	08 66	04 02	347			8 12		06
10 0015	08 69	04 02				8 11		06
10 0020	08 70	04 02				8 14		06
10 0030	08 77	04 03	343			8 16		06
10 0040	02 81	04 20	365			7 85		06
10 0050	03 07	04 33	311			7 97		06
10 0060	02 92	04 71	211			7 74		06
						7 42		

77 11 0348

11 0000	07 62	04 04	353	11 04	11 0027			06
11 0005	07 56	04 04				8 02		06
11 0010	07 55	04 04	353			8 12		06
11 0015	07 55	04 04				8 12		06
11 0020	04 92	04 15				8 11		06
						7 93		

Country	Ship	Station number	Latitude			Longitude	Year	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code		
			0:N+E 1:N+W 2:S+E 3:S+W	↓	↓									↓	↓	↓	↓	↓	↓		↓	↓
													Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³				

77 11 0348

11 0025	03 73	04 20	351																	06
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7 84

77 11 0349

12 0000	08 66	04 01	346																	06
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8 13

12 0005	08 63	04 02																		06
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8 14

12 0010	08 62	04 01	347																	06
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8 17

12 0015	08 64	04 02																		06
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8 18

12 0020	08 67	04 02																		06
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8 11

12 0030	08 93	04 04	342																	06
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8 18

12 0040	06 59	04 09	346																	06
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8 03

12 0050	02 29	04 20	375																	06
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7 25

12 0060	02 41	04 38	303																	06
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7 56

12 0070	03 61	05 27	092																	06
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6 98

12 0080	04 26	05 69	041																	06
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7 00

12 0090	04 43	05 95	062																	06
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6 96

12 0100	04 53	06 07	060																	06
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6 88

77 11 0350

17 0000	08 89	03 90	349	0 11																06
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7 98

17 0005	08 87	03 89	347	0 08																06
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8 10

17 0010	08 88	03 89	347	0 10																06
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8 10

17 0015	08 89	03 90	349	0 10																06
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8 10

17 0020	08 86	03 91	346	0 08																06
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8 11

17 0030	08 74	03 93	346	0 10																06
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8 00

17 0040	02 88	04 13	385	0 22																06
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7 91

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E 1:N+W 2:S+E 3:S+W								

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		↓	↓	↓	↓	↓	↓	
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	
		↓	↓	↓	↓	↓	↓	

77 11 0350

17 0050	02 37	04 20	378	0 19		7 90		06
17 0060	02 58	04 48	260	0 67		7 53		06
17 0070	03 88	05 37	069	2 0		7 19		06
17 0080	04 35	05 73	026	2 4		7 10		06
17 0090	04 53	05 90	024	2 5		7 08		06
17 0100	04 64	06 17	059	1 8		7 15		06
17 0125	04 93	06 85	091	1 8		7 22		06
17 0150	05 45	06 95	038	2 9		7 14		06
17 0175	05 52	07 07	029	3 3		7 11		06
17 0200	05 72	07 14	024	3 4		7 11		06
17 0225	05 70	07 19	032	2 6		7 16		06
17 0245	05 52	07 19	050	2 4		7 16		06

77 11 0351

22 0000	09 04	03 86	342	0 07		7 89		06
22 0005	09 04	03 86		0 05		8 09		06
22 0010	09 01	03 86	343	0 08		8 09		06
22 0015	09 02	03 86		0 06		8 10		06
22 0020	09 00	03 86		0 07		8 10		06
22 0030	09 00	03 86	342	0 07		8 10		06
22 0040	02 85	04 12		0 17		7 92		06
22 0050	02 57	04 25	326	0 35		7 72		06
22 0060	02 92	04 72		0 99		7 41		06
22 0070	03 86	05 41	077	1 63		7 21		06
22 0080	04 38	05 79	039	2 00		7 08		06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0.N+E	1.N+W	2.S+E	3.S+W	0	1					
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code					
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³						

77 11 0351

22 0090	04 69	06 07	024	2 4				06
						7 09		
22 0100	04 89	06 37	062	1 80				06
						7 13		
22 0125	05 33	06 73	038	2 5				06
						7 10		
22 0150	05 50	06 82	013	3 3				06
						7 08		
22 0175	05 55	06 97	008	3 9				06
						7 10		
22 0190	05 51	06 93	006	3 8				06
						7 11		

77 11 0352

58 27	0 20 20	964	11 05	01 0119				
01 0000	09 61	03 91	343	0 12				06
						8 11		
01 0005	09 61	03 90	343	0 07				06
						8 14		
01 0010	09 62	03 90	344	0 07				06
						8 15		
01 0015	09 62	03 89		0 08				06
						8 15		
01 0020	09 62	03 90		0 08				06
						8 15		
01 0030	09 60	03 89	336	0 08				06
						8 12		
01 0040	09 51	03 89		0 07				06
						8 15		
01 0050	02 79	04 14	363	0 17				06
						7 85		
01 0060	02 64	04 23	332	0 27				06
						7 74		
01 0070	03 10	04 79	188	0 93				06
						7 34		
01 0080	04 01	05 55	060	1 70				06
						7 19		
01 0090	04 42	05 91	041	1 76				06
						7 16		
01 0100	04 72	06 11	021	2 3				06
						7 16		
01 0115	04 81	06 23	024	2 2				06
						7 15		

Country	Ship	Station number	Latitude	0: N-E 1: N-W 2: S-E 3: S-W	Longitude	Year	Month	Day	Stat. time	Depth to bottom m		
Obs. time	Obs. depth m	Temperature °C		Chlorophyll g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Cord code		
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μmol /dm ³			
77 11 0353		59 18	0 21 28	964	11 05	09 0105						
09 0000		09 48	03 84	342	0 12			8 07		06		
09 0005		09 45	03 84		0 12			8 07		06		
09 0010		09 46	03 84	338	0 12			8 09		06		
09 0015		09 45	03 83		0 12			8 14		06		
09 0020		09 47	03 83		0 14			8 08		06		
09 0030		09 49	03 83	342	0 14			8 09		06		
09 0040		09 45	03 83		0 14			8 06		06		
09 0050		09 39	03 83	338	0 15			8 06		06		
09 0060		04 28	04 15	248	1 18			7 55		06		
09 0070		03 02	04 60	204	1 33			7 35		06		
09 0080		03 91	05 39	061	2 6			7 12		06		
09 0090		04 36	05 78	020	3 3			7 08		06		
09 0100		04 59	05 96	009	3 4			7 06		06		
77 11 0354		60 12	0 19 09	964	11 05	19 0290						
19 0000		06 67	03 16	361	0 17			7 94		06		
19 0005		06 63	03 17		0 12			7 95		06		
19 0010		06 62	03 16	360	0 08			7 96		06		
19 0015		06 62	03 16		0 12			7 96		06		
19 0020		06 62	03 18		0 09			7 96		06		
19 0030		07 82	03 62	335	0 21			7 92		06		
19 0040		06 89	03 73		0 23			7 85		06		
19 0050		06 62	03 79	334	0 23			7 84		06		
19 0060		06 02	03 83		0 30			7 80		06		
19 0070		05 72	03 88	328	0 35			7 80		06		

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0: N-E	1: N-W	2: S-E	3: S-W	0: E	1: W					

Obs. time	Obs. depth m	Temperature °C		Chlorosity	Oxygen	Phosphate-P	Total P	Silicate-Si	Card code
		↓	↓	g./dm ³	μmol/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	
		Nitrate-N	Nitrite-N	Ammonium-N	Organic N		pH	Alkalinity	
		μg.-atoms/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³		↓	μval/dm ³	

77 11 0354

19	0080	05	01	03	92					06
								7	74	
19	0087	04	79	03	93					06
								7	83	
19	0096	04	17	03	96	326				06
								7	74	
19	0121	04	01	03	99	332				06
								7	68	
19	0145	03	78	04	03	322				06
								7	66	
19	0194	03	34	04	08	315				06
								7	61	
19	0266	03	32	04	12	303				06
								7	54	

77 11 0355

22	0000	06	75	03	03	964	11	05	22	0127	
											06
									7	95	
22	0005	06	73	03	04						06
									7	97	
22	0010	06	74	03	04	360					06
									7	95	
22	0015	06	73	03	04						06
									7	97	
22	0019	06	71	03	04						06
									7	95	
22	0029	06	75	03	04	366					06
									7	95	
22	0039	06	70	03	05						06
									7	95	
22	0048	06	09	03	39	345					06
									7	84	
22	0058	05	28	03	71						06
									7	77	
22	0068	04	90	03	81	326					06
									7	74	
22	0077	04	78	03	85						06
									7	72	
22	0087	04	66	03	88						06
									7	71	
22	0096	04	59	03	89	319					06
									7	70	

Country	Ship	Station number	Latitude °	0:0-E 1:0-W 2:0-E 3:0-W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval/dm ³	
77 11 0356		61 08	0 20 55	964	11 06	05 0048				
05 0000		07 30	03 31		0 18					06
05 0005		07 29	03 31		0 15		8 09			06
05 0010		07 26	03 31		0 15		8 04			06
05 0015		07 28	03 31		0 15		8 02			06
05 0020		07 32	03 31		0 15		8 02			06
05 0030		07 31	03 31		0 15		8 01			06
05 0040		07 34	03 31		0 18		8 02			06
							8 03			
77 11 0357		61 07	0 20 16	964	11 06	08 0115				
08 0000		06 09	03 29	371	0 08					06
08 0005		06 06	03 29	368	0 06		8 03			06
08 0010		06 03	03 29	371	0 06		8 03			06
08 0015		06 04	03 29	369	0 06		8 02			06
08 0020		06 04	03 29	344	0 06		8 01			06
08 0030		06 04	03 29	370	0 07		8 01			06
08 0040		06 05	03 29	370	0 06		8 01			06
08 0050		06 01	03 29	367	0 10		8 01			06
08 0060		04 60	03 34	355	0 11		8 01			06
08 0070		02 64	03 45	334	0 20		7 85			06
08 0080		03 86	03 61	322	0 29		7 71			06
08 0090		03 62	03 71	322	0 37		7 67			06
08 0100		04 00	03 76	315	0 40		7 69			06
							7 69			

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:0-E	1:0-W	2:0-E	3:0-W							
Obs. time	Obs. depth m	Temperature °C	Chlorophy g./dm ³			Oxygen µmol/dm ³	Phosphate-P µg.-atoms/dm ³	Total P µg.-atoms/dm ³	Silicate-Si µg.-atoms/dm ³		Card code		
		↓	Nitrate-N µg.-atoms/dm ³	Nitrite-N µg.-atoms/dm ³	Ammonium-N µg.-atoms/dm ³	Organic N µg.-atoms/dm ³	pH	Alkalinity µval/dm ³					
77 11 0360		61 12	0 17 52		964	11 08	11 0075						
11 0000		05 40	03 07		360	0 11				06			
11 0005		05 40	03 07			0 07	7 96			06			
11 0010		05 40	03 07		362	0 07	7 96			06			
11 0015		05 42	03 06			0 11	7 99			06			
11 0020		05 42	03 08		360	0 11	7 95			06			
11 0030		05 42	03 06		362	0 10	7 93			06			
11 0040		05 39	03 08			0 10	7 93			06			
11 0050		04 03	03 20		303	0 18	7 93			06			
11 0060		02 96	03 26			0 22	7 72			06			
11 0070		02 83	03 27		309	0 30	7 62			06			
							7 56						
77 11 0361		61 05	0 18 37		964	11 08	13 0036						
13 0000		05 30	03 13			0 15				06			
13 0005		05 29	03 13			0 13	7 95			06			
13 0010		05 23	03 13			0 13	7 95			06			
13 0015		05 21	03 14			0 15	7 94			06			
13 0020		05 11	03 15			0 15	7 93			06			
13 0030		05 11	03 15			0 15	7 91			06			
							7 92						
77 11 0362		58 35	0 18 14		964	11 09	09 0459						
10 0000		06 95	03 72		360	0 19				06			
10 0005		06 92	03 72		377	0 14	8 00			06			
10 0010		06 94	03 72		357	0 13	8 07			06			
10 0015		06 92	03 72		358	0 16	8 10			06			
10 0020		06 93	03 72		360	0 14	8 11			06			
							8 10						

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Start. time	Depth to bottom m
			0:N-E	1:N-W	2:S-E	3:S-W	0	1					

Obs. time	Obs. depth m	Temperature °C		Chlorosity	Oxygen	Phosphate-P	Total P	Silicate-Si	Card code
		↓	↓	g./dm ³	μmol/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	
		Nitrate-N	Nitrite-N		Ammonium-N	Organic N	pH	Alkalinity	
		μg.-atoms/dm ³	μg.-atoms/dm ³		μg.-atoms/dm ³	μg.-atoms/dm ³		μval /dm ³	

77 11 0362

10 0030	06 91	03 72	361	0 14					06
							8 09		
10 0040	02 18	04 12	371	0 28					06
							7 88		
10 0050	02 60	04 48	266	0 90					06
							7 53		
10 0060	03 23	05 01	133	1 8					06
							7 25		
10 0070	03 97	05 44	048	2 6					06
							7 09		
10 0080	04 45	05 73	013	2 85					06
							7 09		
10 0090	04 60	05 88	010	3 0					06
							7 09		
09 0100	04 59	05 89	012	3 0					06
							7 24		
09 0125	04 70	06 00	010	2 9					06
							7 16		
09 0150	04 72	06 06	012	2 9					06
							7 13		
09 0200	04 78	06 13	013	2 85					06
							7 11		
09 0300	04 78	06 17	014	2 8					06
							7 10		
09 0400	04 83	06 18	014	2 8					06
							7 11		
09 0440	04 85	06 17	016	2 8					06
							7 11		

77 11 0363

14 0000	05 34	03 87	364						06
							8 02		
14 0005	05 34	03 87							06
							8 05		
14 0010	05 38	03 87	370						06
							8 06		
14 0015	05 41	03 87							06
							8 05		
14 0200	05 61	03 88							06
							8 04		
14 0030	05 54	03 94	346						06
							7 96		

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:0-E	1:0-W	2:0-E	3:0-W	0:0-E	1:0-W					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	

77 11 0366								
17 0050	03 27	04 97	145			7 33		06
17 0060	03 68	05 25				7 21		06
17 0070	04 14	05 53	030			7 15		06
77 11 0367	58 00	0 18 00	964	11 09	20 0175			
20 0000	06 79	03 79	362	0 18		8 04		06
20 0005	06 75	03 79		0 15		8 06		06
20 0010	06 73	03 79	362	0 15		8 07		06
20 0015	06 72	03 79		0 15		8 06		06
20 0020	06 71	03 79		0 16		8 06		06
20 0030	06 75	03 78	364	0 18		8 07		06
20 0040	05 05	03 92		0 20		7 99		06
20 0050	02 23	04 19	354	0 39		7 76		06
20 0060	02 68	04 63	227	1 13		7 42		06
20 0070	03 70	05 26	064	2 4		7 15		06
20 0080	03 92	05 38	043	2 8		7 18		06
20 0090	04 32	05 60	009	3 2		7 06		06
20 0100	04 25	05 67	005	3 6		7 08		06
20 0125	04 53	05 76	005	4 0		7 09		06
20 0150	04 64	05 85	004	4 0		7 07		06
20 0165	04 65	05 86	005	4 5		7 07		06
77 11 0368	57 39	0 18 12	964	11 09	23 0096			
23 0000	07 09	03 83	358	0 11		8 12		06
23 0005	07 08	03 83		0 10		8 12		06

Country	Ship	Station number	Latitude		Longitude		Year	Month	Day	Stat. time	Depth to bottom m	Card code
			0: N+E 1: N+W 2: S+E 3: S+W									

Obs. time	Obs. depth m	Temperature °C	Chlorophy g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0368

23	0010	07 10	03 83	362	0 10			06
						8 12		
23	0015	07 09	03 83		0 14			06
						8 12		
23	0020	07 10	03 83		0 10			06
						8 11		
23	0030	06 73	03 89	357	0 14			06
						8 07		
23	0040	02 99	04 12		0 31			06
						7 87		
23	0050	02 54	04 22	334	0 46			06
						7 73		
23	0060	02 65	04 47		0 74			06
						7 55		
23	0070	02 77	04 65	233	1 12			06
						7 36		
23	0080	02 95	04 84	170	1 60			06
						7 26		
23	0090	04 16	05 49	011	3 2			06
						7 09		

77 11 0369

01	0000	06 93	03 80	367	0 14			06
						8 10		
01	0005	06 90	03 80		0 14			06
						8 11		
01	0010	06 90	03 80	362	0 12			06
						8 05		
01	0015	06 92	03 82		0 13			06
						8 09		
01	0020	06 89	03 81		0 11			06
						8 10		
01	0030	06 84	03 81	363	0 12			06
						8 10		
01	0040	02 10	04 14		0 29			06
						7 89		
01	0050	02 71	04 27	329	0 51			06
						7 71		
01	0060	02 66	04 58		1 11			06
						7 44		
01	0070	03 29	05 11	094	2 1			06
						7 18		
01	0080	04 01	05 45	024	2 9			06
						7 06		
01	0090	04 41	05 62	000	3 8			06
						7 05		
01	0100	04 50	05 69	000	4 1			06
						7 05		

Country	Ship	Station number	Latitude °	0: N+E 1: N+W 2: S+E 3: S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C ↓	Chlorosity g./dm ³ ↓	Oxygen μmol/dm ³ ↓	Phosphate-P μg.-atoms/dm ³ ↓	Total P μg.-atoms/dm ³ ↓	Silicate-Si μg.-atoms/dm ³ ↓	Card code
		Nitrate-N μg.-atoms/dm ³ ↓	Nitrite-N μg.-atoms/dm ³ ↓	Ammonium-N μg.-atoms/dm ³ ↓	Organic N μg.-atoms/dm ³ ↓	pH ↓	Alkalinity μval /dm ³ ↓	

77 11 0371

04 0090	04 48	05 72	005	3 9		7 06		06
04 0100	04 56	05 78	004	3 9		7 06		06
04 0125	04 62	05 84	004	3 9		7 06		06

77 11 0372 57 45 0 17 06 964 11 10 06 0070

06 0000	06 64	03 80	371	0 21		8 11		06
06 0005	06 66	03 79		0 20		8 10		06
06 0010	06 67	03 79	365	0 17		8 09		06
06 0015	06 66	03 80		0 21		8 09		06
06 0020	06 65	03 80		0 18		8 09		06
06 0030	06 58	03 80	364	0 20		8 09		06
06 0040	02 38	04 10		0 31		7 86		06
06 0050	02 44	04 39	296	0 82		7 54		06
06 0060	03 08	04 84		1 7		7 29		06
06 0068	04 12	05 53	036	3 1		6 90		06

77 11 0373 57 46 0 16 50 964 11 10 07 0027

07 0000	05 82	03 91	383	0 14		8 04		06
07 0005	05 81	03 91		0 12		8 07		06
07 0010	05 80	03 91	344	0 14		8 06		06
07 0015	05 83	03 91		0 11		8 05		06
07 0020	05 84	03 91		0 11		8 05		06
07 0025	05 86	03 91	369	0 11		8 06		06

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m
			0-N+E 1-N+W 2-S+E 3-S+W								

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0376

10 0050	02 80	04 44	277					06
10 0060	04 36	05 64				7 56		06
10 0070	04 55	05 77	006			7 14		06
						7 00		

77 11 0377

13 0000	07 27	03 97	964	11 10	13 0108			06
13 0005	07 23	03 97		0 13		8 10		06
13 0010	07 21	03 97	357	0 11		8 14		06
13 0015	07 22	03 97		0 13		8 13		06
13 0020	07 22	03 97		0 12		8 13		06
13 0030	07 28		360	0 13		8 03		06
13 0040	04 46	04 13		0 26				06
13 0050	02 56	04 42	298	0 69		7 94		06
13 0060	02 86	04 79	194	1 23		7 60		06
13 0070	03 18	05 07	120	1 9		7 34		06
13 0080	03 67	05 31	051	2 4		7 23		06
13 0090	04 11	05 48	009	3 2		7 12		06
13 0100	04 38	05 61	000	4 2		7 06		06
						7 08		

77 11 0378

18 0000	07 14	04 03	964	11 10	18 0072			06
18 0005	07 12	04 03	360			8 34		06
18 0010	07 14	04 03	363			8 27		06
18 0015	07 16	04 03				8 22		06
18 0020	07 15	04 03				8 20		06
						8 18		

Country	Ship	Station number	Latitude		Longitude	Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E 1:N+W 2:S+E 3:S+W							

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0378									
18 0030	07 02	04 04	360			8 17		06	
18 0040	02 76	04 25				7 88		06	
18 0050	02 56	04 32	319			7 72		06	
18 0060	02 69	04 42	292			7 63		06	
18 0070	02 97	04 65	232			7 43		06	
77 11 0379	56 30	0 16 52	964	11 10	20 0065				
20 0000	07 20	04 07	334			8 11		06	
20 0005	07 22	04 07				8 14		06	
20 0010	07 22	04 07	360			8 12		06	
20 0015	07 23	04 08				8 12		06	
20 0020	07 25	04 09				8 11		06	
20 0030	07 29	04 10	360			8 12		06	
20 0040	03 47	04 26				7 79		06	
20 0050	02 80	04 42	296			7 57		06	
20 0060	03 94	04 70	274			7 52		06	
77 11 0380	56 19	0 16 41	964	11 10	21 0028				
21 0000	07 02	04 16	361			8 11		06	
21 0005	07 03	04 16				8 12		06	
21 0010	07 05	04 15	366			8 11		06	
21 0020	06 53	04 16				8 07		06	
21 0025	05 85	04 19	345			7 96		06	

Country	Ship	Station number	Latitude °	0:N+E 1:N+W 2:S+E 3:S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
		Obs. time	Obs. depth m	Temperature °C	Chloroality g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
				Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μmol /dm ³	

77	11	0382	57 54	0	11 32	964	12 08	09	0035	
		09 0000	05 72		14 15	319	0 29			06
		09 0005	05 68		14 15		0 32	8 02		06
		09 0010	05 72		14 15	320	0 32	8 04		06
		09 0015	05 72		14 18		0 32	8 04		06
		09 0020	05 76		14 30		0 31	8 03		06
		09 0030	07 33		17 00	281	0 50	8 04		06
								8 02		
77	11	0383	57 55	0	11 36	964	12 08	10	0052	
		10 0000	05 80		14 16		0 40			06
		10 0005	05 73		14 17		0 36	8 12		06
		10 0010	05 71		14 18		0 36	8 12		06
		10 0015	05 74		14 40		0 35	8 15		06
		10 0020	05 74		15 04		0 37	8 13		06
		10 0030	06 39		16 04	293	0 51	8 12		06
		10 0040	08 67		18 73		0 55	8 11		06
		10 0045	08 75		18 94	258	0 55	8 10		06
								8 12		
77	11	0384	57 59	0	11 46	964	12 08	10	0019	
		10 0000	05 53		14 70		0 48			06
		10 0005	05 52		14 73		0 48	8 13		06
		10 0010	05 69		15 00		0 45	8 13		06
		10 0017	05 74		15 22		0 48	8 12		06
								8 13		

Country	Ship	Station number	Latitude °	0: N+E 1: N+W 2: S+E 3: S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m		
Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code			
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³				
77	11	0385	58 04	0	11 47	964	12 08	11 0025				
	11	0000	05 70		15 49	292	0 48					06
	11	0005	05 73		15 49	305	0 50	8 11				06
	11	0010	05 75		15 49	303	0 48	8 09				06
	11	0015	05 91		15 60	303	0 46	8 08				06
	11	0020	05 97		15 66	302	0 48	8 08				06
								8 08				
77	11	0386	58 08	0	11 50	964	12 08	12 0018				
	12	0000	05 15		14 40		0 59					06
	12	0005	05 14		14 40		0 58	8 06				06
	12	0010	05 36		14 63		0 58	8 03				06
	12	0015	06 83		15 75		0 60	8 04				06
								8 04				
77	11	0387	58 11	0	11 51	964	12 08	12 0023				
	12	0000	05 92		14 74		0 62					06
	12	0005	06 04		14 90		0 61	8 06				06
	12	0010	06 55		15 26		0 61	8 06				06
	12	0015	08 65		16 90		0 70	8 04				06
	12	0020	09 77		17 53	208	1 06	8 06				06
								8 01				
77	11	0388	58 16	0	11 49	964	12 08	13 0025				
	13	0000	06 20		13 75		0 66					06
	13	0005	06 91		14 00		0 67	8 03				06
	13	0010	07 77		15 16		0 71	8 02				06
	13	0015	09 71		17 17		0 94	8 01				06
	13	0023	09 98		17 81	166	1 25	7 98				06
								7 94				

Country	Ship	Station number	Latitude		Longitude		Year	Month	Day	Stat. time	Depth to bottom m							
			°	'	°	'	1											
					0:N+E 1:N+W 2:S+E 3:S+W													
Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code								
		↓		↓	↓	↓		↓	↓									
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval/dm ³									
		↓		↓	↓	↓		↓	↓									
77 11 0389		58 20	0	11 53	964	12 08	14 0050											
14 0000		04 24		10 13	326	0 84				06								
14 0005		05 35		12 25	290	0 71		7 94		06								
14 0010		09 15		14 52	159	1 10		7 92		06								
14 0015		07 73		16 78		7 8		7 81		06								
14 0020		06 40		17 38		13 9		7 46		06								
14 0030		06 02		17 50		18 0		7 42		06								
14 0040		05 91		17 53		16 8		7 32		06								
14 0045		05 89		17 53		17 4		7 32		06								
								7 33										
77 11 0390		58 19	0	11 46	964	12 08	14 0040											
14 0000		04 44		12 34	322	0 76				06								
14 0005		04 46		12 36		0 76		8 03		06								
14 0010		06 50		14 05	254	0 77		7 98		06								
14 0015		09 91		16 55	158	1 15		7 95		06								
14 0020		10 15		17 60	161	1 16		7 89		06								
14 0030		08 36		18 06	099	1 9		7 91		06								
14 0037		06 09		18 10	014	4 6		7 78		06								
								7 46										
77 11 0391		58 17	0	11 41	964	12 08	15 0058											
15 0000		05 11		12 63	309	0 63				06								
15 0005		04 97		12 63	310	0 62		7 92		06								
15 0010		04 98		12 63	310	0 60		7 97		06								
15 0015		07 04		13 88	237	0 79		7 99		06								
15 0020		07 93		15 00	177	1 43		7 91		06								
15 0030		06 37		16 39		5 3		7 82		06								
								7 46										

Country	Ship	Station number	Latitude °	0:N-E 1:N-W 2:0-E 3:0-W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval/dm ³	

77	11	0391								
	15	0040	06 20		16 41		5 3			06
	15	0050	06 06		16 43		5 4	7 32		06
								7 36		
77	11	0392	58 15	0	11 38	964	12 08	15 0055		
	15	0000	05 44		13 06	301	0 51			06
	15	0005	05 43		13 07	302	0 51	8 03		06
	15	0010	05 66		13 18	270	0 52	8 01		06
	15	0015	08 06		14 39		0 89	8 01		06
	15	0020	08 48		15 04	148	1 34	7 86		06
	15	0030	06 33		16 37		5 3	7 81		06
	15	0040	06 23		16 40		5 4	7 41		06
	15	0050	06 19		16 41		5 5	7 33		06
								7 37		
77	11	0393	58 14	0	11 35	964	12 08	16 0037		
	16	0000	06 29		13 48	278	0 62			06
	16	0005	06 21		13 48	275	0 57	7 92		06
	16	0010	06 26		13 50	272	0 59	7 94		06
	16	0015	07 03		14 00	240	0 70	7 96		06
	16	0020	07 74		15 90	011	3 3	7 89		06
	16	0025	06 47		16 36		5 5	7 43		06
	16	0030	06 27		16 40		5 5	7 37		06
	16	0035	06 28		16 41		5 6	7 38		06
								7 36		

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E 1:N+W 2:S+E 3:S+W								
Obs. time	Obs. depth m	Temperature °C		Chloroality g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code	
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval/dm ³		

77	11	0394	58 19	0 11 33	964	12 09	10 0118			
	10	0000	06 43	16 06	308	0 35				06
	10	0005	06 47	16 08		0 42				06
	10	0010	06 37	16 20	305	0 36				06
	10	0015	06 42	16 27		0 36				06
	10	0020	06 45	16 36		0 36				06
	10	0030	07 08	16 80	289	0 39				06
	10	0040	09 67	18 26		0 52				06
	10	0050	10 93	19 13	213	0 59				06
	10	0060	09 03	19 49	182	1 23				06
	10	0070	06 63	19 68	148	2 0				06
	10	0080	06 46	19 71	136	2 2				06
	10	0090	06 40	19 73	139	2 3				06
	10	0100	06 37	19 76	130	2 5				06
	10	0110	06 37	19 77	118	2 8				06
77	11	0395	58 16	0 11 26	964	12 09	11 0060			
	11	0000	06 35	15 82	321	0 45				06
	11	0005	06 36	15 82		0 43				06
	11	0010	06 37	15 90	314	0 43				06
	11	0015	06 42	16 04		0 44				06
	11	0020	06 64	16 41		0 42				06
	11	0030	08 29	17 58	266	0 46				06
	11	0040	10 00	18 54		0 60				06
	11	0050	10 80	19 07	222	0 79				06

Country	Ship	Station number	Latitude °	0:0+E 1:0+W 2:0+E 3:0+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m	
Obs. time	Obs. depth m	Temperature °C			Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³			Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval/dm ³	
77	11	0396	58 19	0	11 22	964	12 09	11	0033		
	11	0000	06 32		15 79	316	0 45				.06
	11	0005	06 30		15 80		0 46				06
	11	0010	06 45		15 82	318	0 52				06
	11	0015	06 35		15 93		0 50				06
	11	0020	06 34		15 96		0 52				06
	11	0030	06 22		16 17	310	0 52				06
77	11	0397	58 22	0	11 23	964	12 09	12	0017		
	12	0000	06 26		16 06	312	0 43				06
	12	0005	06 25		16 07		0 44				06
	12	0010	06 23		16 09	312	0 44				06
	12	0015	06 17		16 17	308	0 45				06
77	11	0398	58 22	0	11 26	964	12 09	13	0023		
	13	0000	06 33		16 09	305	0 45				06
	13	0005	06 31		16 09		0 44				06
	13	0010	06 19		16 17	309	0 44				06
	13	0015	06 11		16 23		0 45				06
	13	0020	06 14		16 24	312	0 45				06
77	11	0409	58 16	0	10 11	964	12 10	18	0459		
	18	0000	08 54		19 13		0 25				06
	18	0005	08 55		19 11		0 28				06
	18	0010	08 53		19 11		0 28				06
	18	0015	08 55		19 11		0 26				06

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E 1:N+W 2:S+E 3:S+W								

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0409

18 0020	08 52	19 11			0 26			06
18 0030	08 66	19 16			0 30			06
18 0040	08 70	19 17			0 30			06
18 0050	08 79	19 23			0 31			06
18 0060	09 72	19 88			0 45			06
18 0070	09 57	19 93			0 45			06
18 0080	09 06	19 94			0 71			06
18 0090	08 77	19 96			0 77			06
18 0100	08 48	19 96			0 87			06
18 0125	08 07	19 96			0 95			06
18 0150	07 97	19 98			1 00			06
18 0175	07 82	19 98			0 99			06
18 0200	07 50	19 96			0 99			06
18 0250	07 01	19 96			0 98			06
18 0300	06 52	19 96			0 99			06
18 0450	05 61	19 94			0 99			06

77 11 0410 58 15 0 10 34 964 12 10 20 0280

20 0000	08 14	19 09			0 19			06
20 0005	08 14	19 09			0 19			06
20 0010	08 11	19 09			0 19			06
20 0015	08 13	19 09			0 18			06
20 0020	08 09	19 09			0 23			06
20 0030	08 33	19 42			0 27			06
20 0040	08 92	19 69			0 31			06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W	0:N+E	1:N+W					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 11 0410

20 0050	09 04		19 76		0 31			06
20 0060	09 03		19 79		0 35			06
20 0070	09 07		19 82		0 36			06
20 0080	09 11		19 85		0 34			06
20 0090	09 12		19 86		0 38			06
20 0100	09 14		19 87		0 36			06
20 0125	09 16		19 93		0 46			06
20 0150	08 62		19 96		0 71			06
20 0175	08 23		19 96		0 83			06
20 0200	08 04		19 97		0 92			06
20 0270	06 97		19 97		0 94			06

77 11 0411 58 16 0 10 44 964 12 10 21 0200

22 0000	07 98		18 96		0 21			06
22 0005	08 00		18 96		0 23			06
22 0010	08 00		18 96		0 23			06
22 0015	08 11		19 02		0 22			06
22 0020	08 60		19 36		0 30			06
22 0030	08 65		19 52		0 30			06
22 0040	09 03		19 62		0 31			06
22 0050	08 99		19 62		0 32			06
22 0060	08 97		19 64		0 36			06
22 0070	08 96		19 65		0 36			06
21 0080	09 00		19 68		0 35			06
21 0090	08 94		19 73		0 39			06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			°	'	"	°	'	"					

Obs. time	Obs. depth m	Temperature °C		Chlorosity	Oxygen	Phosphate-P	Total P	Silicate-Si	Card code
		↓	↓	g./dm ³	μmol/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	μg.-atoms/dm ³	

77 11 0411

21	0100	08	94	19	75	0	39		06
21	0125	09	02	19	78	0	37		06
21	0150	09	05	19	80	0	39		06
21	0175	09	10	19	90	0	50		06
21	0190	08	62	19	94	0	77		06

77 11 0412 58 18 0 10 49 964 12 10 23 0160

23	0000	07	92	19	02	0	25		06
23	0005	07	92	19	02	0	25		06
23	0010	08	11	19	09	0	25		06
23	0015	08	11	19	14	0	25		06
23	0020	08	32	19	26	0	26		06
23	0030	08	54	19	38	0	29		06
23	0040	08	63	19	43	0	30		06
23	0050	08	66	19	48	0	32		06
23	0060	08	72	19	49	0	32		06
23	0070	08	70	19	49	0	35		06
23	0080	08	82	19	52	0	36		06
23	0090	08	94	19	55	0	30		06
23	0100	09	16	19	61	0	35		06
23	0125	09	18	19	65	0	42		06
23	0150	09	18	19	65	0	45		06

Country	Ship	Station number	Latitude °	0:N+E 1:N+W 2:S+E 3:S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C ↓	Chlorosity g./dm ³ ↓	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³ ↓	Total P μg.-atoms/dm ³ ↓	Silicate-Si μg.-atoms/dm ³ ↓	Card code
		Nitrate-N μg.-atoms/dm ³ ↓	Nitrite-N μg.-atoms/dm ³ ↓	Ammonium-N μg.-atoms/dm ³ ↓	Organic N μg.-atoms/dm ³ ↓	pH ↓	Alkalinity μval /dm ³ ↓	

77 11 0414

02 0070 08 64 19 44 0 39 06

02 0080 08 69 19 45 0 39 06

77 11 0415 58 20 0 11 06 964 12 11 03 0054

03 0000 06 20 14 49 0 35 06

03 0005 07 22 17 03 0 35 06

03 0010 07 98 18 85 0 39 06

03 0015 08 15 19 06 0 43 06

03 0020 08 31 19 16 0 39 06

03 0030 08 37 19 19 0 40 06

03 0040 08 35 19 21 0 38 06

03 0050 08 40 19 21 0 44 06

77 11 0416 58 20 0 11 10 964 12 11 05 0049

05 0000 06 09 14 25 0 31 06

05 0005 06 21 15 15 0 31 06

05 0010 06 38 15 94 0 31 06

05 0015 07 55 15 98 0 34 06

05 0020 07 55 16 44 0 30 06

05 0030 07 59 18 88 0 30 06

05 0040 07 86 19 01 0 30 06

77 11 0458 58 14 0 11 35 964 12 15 03 0033

03 0000 04 74 12 39 317 0 74 06

03 0005 05 11 12 68 307 0 63 06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W	0:N+E	1:N+W					
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code					
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³						

77 11 0458

03 0010	06 29	13 44	280	0 79			06
03 0015	07 52	14 38	198	1 19			06
03 0020	07 81	15 34	077	2 3			06
03 0025	06 52	16 31		5 1			06
03 0030	06 32	16 37		5 1			06

" Thetis "

Temperature and Salinity

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb			Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. ‰ ↓	Salin. method	Extra info.	Card code				
77 13	0001	55 49	0	16 04	64 02	03	13	6 8 1 9								
	0060	03			18 12		050									
	13 0000	02 5		07 63				1 0 03								
	13 0008	02 55		07 63		08 75		1 0 03								
	13 0018	02 43		07 63				1 0 03								
	13 0028	02 48		07 61		08 72		1 0 03								
	13 0038	02 57		07 63				1 0 03								
	13 0048	02 57		07 63		08 65		1 0 03								
	13 0060	04 38		08 94		07 28		1 0 03								
77 13	0002	55 39	0	15 41	64 02	07	16	2 8 9 9								
	0065	02			27 16		039									
	16 0000	02 18		07 66				1 0 03								
	16 0010	02 15		07 66		08 70		1 0 03								
	16 0020	02 11		07 66				1 0 03								
	16 0030	02 06		07 66		08 77		1 0 03								
	16 0040	04 11		09 14				1 0 03								
	16 0050	06 69		11 90		05 34		1 0 03								
	16 0060	07 51		14 33		04 15		1 0 03								
77 13	0003	55 49	0	16 20	64 02	10	13	2 8 9 9								
	0059	01			25 20		047									
	13 0000	02 21		07 69				1 0 03								
	13 0010	02 19		07 69		08 77		1 0 03								
	13 0020	02 15		07 69				1 0 03								
	13 0030	02 10		07 69		08 83		1 0 03								
	13 0040	02 31		07 69				1 0 03								
	13 0050	03 87		09 28		07 12		1 0 03								
	13 0055	07 75		14 75		03 05		1 0 03								
77 13	0020	58 22	0	11 23	64 03	12	07	1 1 1 9								
	0025	02			05 12											
	07 0000	01 20		21 045		09 11		3 3 03								
	07 0005	01 23		21 245				3 3 03								
	07 0010	00 67		24 354		08 56		3 3 03								
	07 0015	03 16		30 904				3 3 03								
	07 0020	05 21		33 815				3 3 03								
	07 0024	05 63		34 432		05 58		3 3 03								
77 13	0021	58 22	0	11 26	64 03	12	08	1 2 1 9								
	0023	02			05 10											
	08 0000	01 20		20 821		09 17		3 3 03								

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1:N+W 2:S+E 3:S+W			0									
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.				Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code					

77 13 0021

08 0005	01 09	21 078							3 3 03
08 0010	00 79	24 453				08 66			3 3 03
08 0015	03 36	31 822							3 3 03
08 0020	05 56	34 218				05 80			3 3 03

77 13 0022 58 19 0 11 22 64 03 12 09 1 1 1 9
0033 03 05 08

09 0000	01 16	20 770				09 18			3 3 03
09 0005	01 11	20 942							3 3 03
09 0010	00 60	25 300				08 66			3 3 03
09 0015	04 69	32 850							3 3 03
09 0020	05 49	34 086							3 3 03
09 0030	06 72	35 012				06 11			3 3 03

77 13 0023 58 15 0 11 14 64 03 12 10 1 1 1 9
0054 04 05 08

10 0000	01 23	20 609				09 47			3 3 03
10 0005	01 30	21 074							3 3 03
10 0010	01 64	24 168				08 86			3 3 03
10 0015	03 25	31 520							3 3 03
10 0020	05 90	34 385							3 3 03
10 0030	06 62	34 893				06 36			3 3 03
10 0040	06 47	35 000							3 3 03
10 0050	06 33	35 039							3 3 03

77 13 0024 58 16 0 11 26 64 03 12 11 1 1 1 9
0058 04 05 08

11 0000	01 38	20 948							3 3 03
11 0005	01 15	21 236							3 3 03
11 0010	00 68	26 187							3 3 03
11 0015	04 95	32 623							3 3 03
11 0020	05 73	33 845							3 3 03
11 0030	06 07	34 326							3 3 03
11 0040	06 37	34 796							3 3 03
11 0050	06 55	34 912							3 3 03

77 13 0025 58 19 0 11 33 64 03 12 12 1 1 1 9
0118 04 36 02

12 0000	01 89	20 173				08 86			3 3 03
12 0005	01 00	21 606							3 3 03
12 0010	00 53	25 643				08 23			3 3 03

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'		°	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. ‰ ↓	Salin. method	Extra info.	Card code				

77 13 0025

12	0015	06	00		33	179						3	3	03
12	0020	05	89		33	855						3	3	03
12	0030	05	97		34	243			05	34		3	3	03
12	0040	06	08		34	459						3	3	03
12	0050	06	08		34	522			05	89		3	3	03
12	0060	06	17		34	590						3	3	03
12	0070	06	23		34	616			06	00		3	3	03
12	0080	06	15		34	634						3	3	03
12	0090	06	30		34	669						3	3	03
12	0100	06	26		34	712			05	65		3	3	03
12	0110	06	34		34	742			05	88		3	3	03

77 13 0026 58 14 0 11 35 64 03 12 14 1 2 1 9
0042 04 05 10

14	0000	02	55		24	305			09	26		3	3	03
14	0005	02	13		24	491						3	3	03
14	0010	04	40		27	010			04	61		3	3	03
14	0015	06	40		28	535			02	00		3	3	03
14	0020	06	21		29	060						3	3	03
14	0030	06	10		29	250						3	3	03
14	0038	06	11		29	347			00	73		3	3	03

77 13 0027 58 15 0 11 38 64 03 12 15 1 2 1 9
0062 04 05 10

15	0000	02	06		24	404			09	94		3	3	03
15	0005	01	88		24	501						3	3	03
15	0010	04	84		27	280			04	47		3	3	03
15	0015	06	22		28	827						3	3	03
15	0020	06	17		29	150						3	3	03
15	0030	06	05		29	318			00	74		3	3	03
15	0040	06	02		29	360			01	27		3	3	03
15	0050	05	95		29	424			01	95		3	3	03

77 13 0028 58 17 0 11 41 64 03 12 16 1 2 1 9
0061 04 05 10

16	0000	01	73		23	832			09	92		3	3	03
16	0005	01	58		24	650						3	3	03
16	0010	02	96		26	748			05	78		3	3	03
16	0015	04	68		28	408			04	39		3	3	03
16	0020	05	93		29	031			01	42		3	3	03
16	0030	05	88		29	252			01	17		3	3	03
16	0040	05	77		29	328			02	65		3	3	03
16	0050	05	81		29	406			02	64		3	3	03

Country	Ship	Station number	Latitude		0-N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice	
			o	'		o	'									
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.				Mixed layer depth m				
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code				
77	13	0028														
	16	0058	05	83		29	437			02	77		3	3	03	
77	13	0029	58	19	0	11	48	64	03	12	16		1	3	1	9
		0042	04					05	12							
	16	0000	01	63		22	889			09	09		3	3	03	
	16	0005	01	55		23	093						3	3	03	
	16	0010	01	35		25	259			08	46		3	3	03	
	16	0015	03	19		28	105						3	3	03	
	16	0020	05	97		31	749			04	50		3	3	03	
	16	0030	04	96		32	619			06	02		3	3	03	
	16	0038	04	97		32	711			05	70		3	3	03	
77	13	0030	58	20	0	11	50	64	03	12	17		1	3	1	9
		0047	04					05	12							
	17	0000	02	05		22	979			10	49		3	3	03	
	17	0005	01	71		23	096			10	45		3	3	03	
	17	0010	04	37		27	667			04	91		3	3	03	
	17	0015	06	91		30	608			00	89		3	3	03	
	17	0020	06	52		30	801						3	3	03	
	17	0030	06	10		30	960						3	3	03	
	17	0040	05	83		31	042						3	3	03	
77	13	0031	58	16	0	11	49	64	03	13	07		0	0	1	9
		0025	01					11	08							
	07	0000	01	07		21	859						3	3	03	
	07	0005	01	23		23	224						3	3	03	
	07	0010	01	13		25	693						3	3	03	
	07	0015	04	31		28	804						3	3	03	
	07	0022	05	50		32	163						3	3	03	
77	13	0032	58	11	0	11	51	64	03	13	08		0	0	1	9
		0023	01					11	08							
	08	0000	01	07		21	227						3	3	03	
	08	0005	01	01		23	211						3	3	03	
	08	0010	00	87		24	589						3	3	03	
	08	0015	03	03		28	105						3	3	03	
	08	0020	05	45		31	227						3	3	03	
77	13	0033	58	07	0	11	50	64	03	13	08		0	0	1	9
		0033	01					11	10							

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1									
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb	Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code	

77 13 0037

11	0015	02	11		27	900				3	3	03	
11	0020	03	79		31	640				3	3	03	
11	0030	06	56									0	03

77	13	0038	57	53	0	11	25	64	03	13	12	0	0	3	9
		0060	02					11	18			0	18		

12	0000	01	08		19	265						3	3	03	
12	0005	00	97		19	274						3	3	03	
12	0010	01	10		20	029						3	3	03	
12	0015	01	23		24	438						3	3	03	
12	0020	03	33		31	451						3	3	03	
12	0030	05	83		34	258						3	3	03	
12	0040	06	01		34	908						3	3	03	
12	0050	06	05		34	914						3	3	03	

77	13	0039	57	53	0	11	25	64	03	16	11	0	0	0	9
		0062	01					00	00			0	09		

11	0000	00	49		17	874						3	3	03	
11	0005	00	47		19	014						3	3	03	
11	0010	00	70		19	890						3	3	03	
11	0015	02	50		25	073						3	3	03	
11	0020	02	99		30	206						3	3	03	
11	0030	05	85		34	634						3	3	03	
11	0040	05	83		34	890						3	3	03	
11	0050	06	24		34	989						3	3	03	

77	13	0040	57	52	0	11	18	64	03	16	12	0	0	0	9
		0092	01					00	00			0	09		

12	0000	00	59		17	816				09	21	3	3	03	
12	0005	00	44		18	561						3	3	03	
12	0010	00	75		20	030				09	37	3	3	03	
12	0015	02	47		25	192						3	3	03	
12	0020	04	23		32	880						3	3	03	
12	0030	07	09		34	972				06	15	3	3	03	
12	0040	07	01		35	057						3	3	03	
12	0050	07	01		35	115				06	41	3	3	03	
12	0060	06	33		35	078						3	3	03	
12	0070	06	18		35	065				06	45	3	3	03	
12	0080	06	13		35	067						3	3	03	
12	0090	06	13		35	071				06	44	3	3	03	

77	13	0041	57	50	0	11	04	64	03	16	13	0	0	1	9
		0049	02					02	02			0	00		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0.N+E	1.N+W	2.S+E	3.S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		-Wind				Mixed layer depth m					
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code					
			↓		↓		↓	↓								

77 13 0041

13 0000	00 86	16 437										3	3	03
13 0005	00 51	17 007										3	3	03
13 0010	00 90	20 174										3	3	03
13 0015	00 93	24 241										3	3	03
13 0020	03 09	30 368										3	3	03
13 0030	05 14	34 882										3	3	03
13 0040	06 82	34 971										3	3	03

77 13 0042

0056	02 5	10 52	64 03	16	14	0 0 1 9
14 0000	01 02	16 869				3 3 03
14 0005	00 40	17 519				3 3 03
14 0010	00 62	18 008				3 3 03
14 0015	01 36	24 198				3 3 03
14 0020	02 62	30 359				3 3 03
14 0030	05 05	33 780				3 3 03
14 0040	06 04	34 530				3 3 03
14 0050	05 85	34 805				3 3 03

77 13 0043

0081	02 5	10 42	64 03	16	15	0 0 1 9
15 0000	00 80	17 094				3 0 03
15 0005	00 87	18 745				3 0 03
15 0010	02 20	27 705				3 0 03
15 0015	03 39	31 825				3 0 03
15 0020	04 36	32 940				3 0 03
15 0030	06 02	34 589				3 0 03
15 0040	06 73	34 974				3 0 03
15 0050	06 58	35 093				3 0 03
15 0060	06 40	35 081				3 0 03
15 0070	06 37	35 079				3 0 03

77 13 0044

0118	02	10 36	64 03	16	16	0 0 1 9
16 0000	00 74	18 042				3 0 03
16 0005	01 19	22 549				3 0 03
16 0010	01 22	26 685				3 0 03
16 0015	04 16	33 407				3 0 03
16 0020	05 09	34 069				3 0 03
16 0030	06 62	34 784				3 0 03
16 0040	07 08	35 020				3 0 03
16 0050	06 88	35 049				3 0 03
16 0060	07 10	35 123				3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C			Wind		Mixed layer						
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.			depth m					
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Code					
		↓		↓	↓	↓	↓	↓								

77 13 0044

16 0070	06 97		35 158									3 0 03
16 0080	06 94		35 159									3 0 03
16 0090	06 81		35 154									3 0 03
16 0100	06 46		35 141									3 0 03
16 0110	06 48		35 148									3 0 03

77 13 0045	57 56	0	10 30	64 03	16 17	0 0 1 9
0113	02			34 06	000	

17 0000	00 90		19 971			3 0 03
17 0005	01 70		23 760			3 0 03
17 0010	03 33		30 026			3 0 03
17 0015	04 90		33 870			3 0 03
17 0020	05 76		34 492			3 0 03
17 0030	05 81		34 790			3 0 03
17 0040	05 99		34 853			3 0 03
17 0050	06 89		35 071			3 0 03
17 0060	06 47		35 031			3 0 03
17 0070	06 84		35 122			3 0 03
17 0080	07 05		35 175			3 0 03
17 0090	06 90		35 175			3 0 03
17 0100	06 87		35 189			3 0 03

77 13 0046	58 03	0	10 19	64 03	16 18	0 0 1 9
0099	01			36 08	009	

19 0000	01 44		21 851			3 0 03
19 0005	01 63		23 276			3 0 03
19 0010	03 04		29 363			3 0 03
19 0015	03 56		31 583			3 0 03
19 0020	04 12		33 185			3 0 03
19 0030	04 79		34 283			3 0 03
18 0040	05 04		34 392			3 0 03
18 0050	04 76		34 483			3 0 03
18 0060	05 60		34 660			3 0 03
18 0070	06 21		34 873			3 0 03
18 0080	06 61		35 041			3 0 03
18 0090	06 25		35 017			3 0 03

77 13 0047	58 11	0	10 07	64 03	16 20	0 0 1 9
0218	01			05 10	004	

20 0000	02 40		28 375			3 0 03
20 0005	03 74		31 730			3 0 03
20 0010	04 35		33 422			3 0 03
20 0015	04 30		33 628			3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W										
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		

77 13 0047

20	0020	04	55		34	075						3	0	03		
20	0030	04	39		34	383						3	0	03		
20	0040	05	20		34	621						3	0	03		
20	0050	06	07		34	797						3	0	03		
20	0060	06	88		34	985						3	0	03		
20	0070	06	63		34	963						3	0	03		
20	0080	06	88		35	034						3	0	03		
20	0090	06	96		35	060						3	0	03		
20	0100	06	98		35	069						3	0	03		
20	0125	07	10		35	143						3	0	03		
20	0150	06	66		35	124						3	0	03		
20	0200	06	46		35	120						3	0	03		

77	13	0048	58	16	0	09	58	64	03	16	09	0	0	1	9	
		0490	02					05	10		008					

09	0000	03	59		33	163						3	0	03		
09	0005	03	89		33	234						3	0	03		
09	0010	04	40		33	946						3	0	03		
09	0015	04	60		34	215						3	0	03		
09	0020	05	24		34	446						3	0	03		
09	0030	05	64		34	560						3	0	03		
09	0040	05	34		34	582						3	0	03		
09	0050	06	71		34	853						3	0	03		
09	0060	06	91		34	958						3	0	03		
09	0070	07	03		35	010						3	0	03		
09	0080	07	17		35	055						3	0	03		
09	0090	06	95		35	025						3	0	03		
09	0100	06	92		35	053						3	0	03		
09	0125	06	98		35	098						3	0	03		
09	0150	06	94		35	115						3	0	03		
09	0200	06	74		35	141						3	0	03		
09	0300	05	59		35	088						3	0	03		
09	0400	04	87		35	043						3	0	03		
09	0475	04	61		35	020						3	0	03		

77	13	0049	58	10	0	09	30	64	03	17	01	0	0	2	9	
		0615	02					07	08		023					

01	0000	04	92		34	252				07	01	3	4	03		
01	0005	04	88		34	255						3	0	03		
01	0010	04	89		34	249				07	00	3	4	03		
01	0015	04	94		34	262						3	0	03		
01	0020	04	96		34	276						3	4	03		
01	0030	05	34		34	370				06	92	3	4	03		
01	0040	06	06		34	565						3	4	03		
01	0050	06	63		34	769				06	43	3	4	03		

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'		°	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. ‰ ↓	Salin. method	Extra info.	Card code				

77 13 0049

01	0060	06	11		34	745						3	4	03
01	0070	06	33		34	832			06	59		3	4	03
01	0080	06	78		34	939						3	4	03
01	0090	06	71		34	949						3	4	03
01	0100	06	83		35	006			06	48		3	4	03
01	0125	06	80		35	035						3	0	03
01	0150	07	09		35	115						3	4	03
01	0200	07	03		35	153			06	05		3	4	03
01	0300	06	49		35	133			06	13		3	4	03
01	0400	05	32		35	073			06	15		3	4	03
01	0500	04	74		35	033			06	32		3	4	03
01	0600	04	60		35	020			06	41		3	4	03

77	13	0050	58	02	0	09	25	64	03	17	03	0	0	2	9
		0470	01					07	12		004				

03	0000	03	77		32	786						3	4	03
03	0005	04	13		33	193						3	0	03
03	0010	04	63		34	209						3	4	03
03	0015	04	68		34	229						3	0	03
03	0020	05	17		34	349						3	4	03
03	0030	05	41		34	542						3	4	03
03	0040	06	58		34	818						3	4	03
03	0050	06	52		34	837						3	4	03
03	0060	06	48		34	851						3	4	03
03	0070	06	42		35	020						3	4	03
03	0085Q	07	03		35	094						3	4	03
03	0110Q	07	05		35	139						3	4	03
03	0130Q	07	05		35	174						3	4	03
03	0170Q	06	99		35	181						3	4	03
03	0250Q	06	12		35	146						3	4	03
03	0340Q	05	07		35	080						3	4	03
03	0380Q	04	94		35	073						3	4	03

77	13	0051	58	05	0	09	46	64	03	17	05	0	0	3	9
		0350	00					09	12		003				

06	0000	02	20		27	742						3	0	03
06	0005	04	60		34	126						3	0	03
06	0010	04	63		34	175						3	0	03
06	0015	04	85		34	227						3	0	03
06	0020	04	53		34	305						3	0	03
06	0030	05	44		34	433						3	0	03
06	0040	05	22		34	623						3	0	03
06	0050	05	93		34	762						3	0	03
06	0060	06	12		34	813						3	0	03
06	0070	07	32		35	073						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen Saturat. ‰	Salin. method	Extra info.	Card code			
		↓	↓			↓			↓	↓	↓					

77 13 0051

05	0080	07	39	35	075							3	0	03
05	0090	07	18	35	091							3	0	03
05	0100	07	03	35	079							3	0	03
05	0125	07	11	35	156							3	0	03
05	0150	07	07	35	176							3	0	03
05	0200	06	88	35	185							3	0	03
05	0300	05	21	35	088							3	0	03

77	13	0052	58	09	0	10	06	64	03	17	07	1	2	3	9
		0280	00					05	20		000				

08	0000	03	11	29	500							3	4	03
08	0005	04	49	33	971							3	4	03
08	0010	04	82	34	303							3	4	03
08	0015	05	69	34	566							3	4	03
08	0020	05	93	34	638							3	4	03
08	0030	06	13	34	775							3	4	03
08	0040	06	02	34	818							3	4	03
08	0050	06	11	34	856							3	4	03
08	0060	07	04	35	057							3	4	03
08	0070	07	08	35	088							3	4	03
07	0080	07	03	35	088							3	4	03
07	0090	07	00	35	103							3	4	03
07	0100	06	97	35	113							3	4	03
07	0125	07	12	35	161							3	4	03
07	0150	06	94	35	190							3	4	03
07	0200	06	48	35	133							3	4	03
07	0250	05	16	35	091							3	4	03

77	13	0053	58	13	0	10	24	64	03	17	09	1	5	3	9
		0285	00					07	22		004				

10	0000	01	70	26	158							3	0	03
10	0005	03	91	32	545							3	0	03
10	0010	04	27	33	818							3	0	03
10	0015	04	43	34	078							3	0	03
10	0020	04	41	34	118							3	0	03
10	0030	04	91	34	235							3	0	03
10	0040	06	70	34	767							3	0	03
10	0050	07	16	34	927							3	0	03
10	0060	07	68	35	074							3	0	03
09	0070	06	55	34	878							3	0	03
09	0080	06	56	34	917							3	0	03
09	0090	06	11	34	867							3	0	03
09	0100	06	11	34	892							3	0	03
09	0125	06	04	34	943							3	0	03
09	0150	06	84	35	109							3	0	03

Country	Ship	Station number	Latitude		0-N+E 1-N+W 2-S+E 3-S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'		°	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. % ↓	Salin. method	Extra info.	Card code				

77 13 0053

09 0200 06 92 35 166 3 0 03
09 0250 06 54 35 151 3 0 03

77 13 0054 58 15 0 10 34 64 03 17 11 0 0 3 9
0305 01 08 16 007

11 0000 01 60 26 182 3 0 03
11 0005 01 83 26 823 3 0 03
11 0010 03 41 31 868 3 0 03
11 0015 04 25 33 740 3 0 03
11 0020 04 33 33 980 3 0 03
11 0030 06 43 34 674 3 0 03
11 0040 06 56 34 810 3 0 03
11 0050 07 12 34 984 3 0 03
11 0060 07 29 35 052 3 0 03
11 0070 07 23 35 059 3 0 03
11 0080 07 11 35 073 3 0 03
11 0090 07 14 35 100 3 0 03
11 0100 06 90 35 082 3 0 03
11 0125 06 53 35 049 3 0 03
11 0150 06 57 35 077 3 0 03
11 0200 06 61 35 138 3 0 03
11 0275 06 04 35 101 3 0 03

77 13 0055 58 16 0 10 44 64 03 17 12 0 0 2 9
0210 00 09 10 006

13 0000 01 90 22 508 3 4 03
13 0005 02 01 24 633 3 4 03
13 0010 02 04 29 525 3 4 03
13 0015 02 28 31 037 3 4 03
13 0020 03 36 32 606 3 4 03
13 0030 05 25 34 043 3 4 03
13 0040 06 37 34 591 3 4 03
13 0050 07 02 34 871 3 4 03
13 0060 07 27 35 020 3 4 03
13 0070 07 38 35 101 3 4 03
12 0080 07 37 35 076 3 4 03
12 0090 07 35 35 094 3 4 03
12 0100 07 39 35 124 3 4 03
12 0125 07 29 35 151 3 4 03
12 0150 07 25 35 169 3 4 03
12 0200 35 139 3 4 03

77 13 0056 58 18 0 10 49 64 03 17 13 1 1 2 9
0160 01 09 06 006

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		-Wind				Mixed layer depth m					
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code					
			↓		↓		↓	↓		↓						

77 13 0056

14	0000	00	85		20	586						3	0	03
14	0005	00	52		22	884						3	0	03
14	0010	01	74		28	241						3	0	03
14	0015	02	13		30	094						3	0	03
14	0020	02	71		31	883						3	0	03
14	0030	03	42		32	823						3	0	03
14	0040	04	82		33	785						3	0	03
14	0050	06	37		34	713						3	0	03
14	0060	06	55		34	833						3	0	03
14	0070	07	08		35	045						3	0	03
13	0080	07	17		35	102						3	0	03
13	0090	07	09		35	118						3	0	03
13	0100	07	22		35	153						3	0	03
13	0125	07	01		35	141						3	0	03
13	0150	06	60		35	127						3	0	03

77	13	0057	58	19	0	10	57	64	03	17	15	1	1	2	9
		0110	01					09	06		009				

15	0000	00	78		19	795						3	0	03
15	0005	00	77		19	802						3	0	03
15	0010	01	15		20	893						3	0	03
15	0015	01	32		26	860						3	0	03
15	0020	02	53		30	455						3	0	03
15	0030	03	94		33	153						3	0	03
15	0040	05	83		34	305						3	0	03
15	0050	06	26		34	698						3	0	03
15	0060	06	50		34	886						3	0	03
15	0070	06	90		35	068						3	0	03
15	0080	06	84		35	140						3	0	03
15	0090	06	85		35	148						3	0	03
15	0100	06	67		35	146						3	0	03

77	13	0058	58	20	0	11	02	64	03	17	15	1	2	2	9
		0079	00	5				07	12		014				

15	0000	00	69		19	933						3	4	03
15	0005	00	71		19	940						3	4	03
15	0010	00	72		20	025						3	4	03
15	0015	01	33		24	260						3	4	03
15	0020	01	65		27	338						3	4	03
15	0030	06	13		34	591						3	4	03
15	0040	06	63		34	927						3	4	03
15	0050	06	77		35	036						3	4	03
15	0060	06	69		35	062						3	4	03
15	0070	06	37		35	055						3	4	03

77	13	0059	58	20	0	11	06	64	03	17	16	1	1	2	9
		0047	00	5				07	12		011				

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			o	'		o	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml / l ↓	Oxygen Saturat. ‰ ↓	Salin. method	Extra info.	Card code				

77 13 0059

16	0000	00	61		19	872						3	0	03
16	0005	00	75		19	873						3	0	03
16	0010	00	70		20	209						3	0	03
16	0015	01	20		22	241						3	0	03
16	0020	03	43		31	718						3	0	03
16	0030	06	35		34	794						3	0	03
16	0040	06	79		35	072						3	0	03

77	13	0060	58	20	0	11	10	64	03	17	17	1	2	2	9
		0056	00	5				08	10		009				

17	0000	00	69		20	180						3	4	03
17	0005	00	62		20	182						3	4	03
17	0010	00	82		20	306						3	4	03
17	0015	01	38		25	091						3	4	03
17	0020	03	69		31	928						3	4	03
17	0030	06	59		34	902						3	4	03
17	0040	06	65		35	059						3	4	03
17	0050	06	48		35	053						3	4	03

77	13	0061	58	35	0	11	05	64	03	18	08	1	2	2	9
		0105	00					05	12		006				

08	0000	00	32		20	266						3	0	03
08	0005	00	23		20	308						3	0	03
08	0010	01	21		23	491						3	0	03
08	0015	01	52		27	563						3	0	03
08	0020	02	43		30	329						3	0	03
08	0030	06	13		34	472						3	0	03
08	0040	06	41		34	829						3	0	03
08	0050	06	46		34	870						3	0	03
08	0060	06	46		34	896						3	0	03
08	0070	06	53		34	922						3	0	03
08	0080	06	56		34	935						3	0	03
08	0090	06	57		34	942						3	0	03
08	0100	06	60		34	965						3	0	03

77	13	0062	58	32	0	10	59	64	03	18	09	1	2	2	9
		0063	00					05	18		008				

09	0000	00	54		20	505						3	0	03
09	0005	00	55		20	509						3	0	03
09	0010	01	51		23	596						3	0	03
09	0015	01	67		28	198						3	0	03
09	0020	02	29		30	341						3	0	03
09	0030	05	04		33	412						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
			↓		↓		↓			↓						

77 13 0062

09 0040	06 21			34 623								3 0 03				
09 0050	06 62			34 952								3 0 03				
09 0060	06 67			34 993								3 0 03				

77 13 0063	58 30	0		10 47			64 03		18	10		1 1 3 9				
0120	01						05 20			009						

11 0000	00 65			20 917								3 0 03				
11 0005	00 78			20 900								3 0 03				
11 0010	01 35			25 461								3 0 03				
11 0015	02 06			29 836								3 0 03				
11 0020	02 92			31 646								3 0 03				
11 0030	04 40			33 535								3 0 03				
11 0040	05 62			34 335								3 0 03				
10 0050	06 33			34 587								3 0 03				
10 0060	06 76			34 855								3 0 03				
10 0070	07 06			35 018								3 0 03				
10 0080	07 07			35 072								3 0 03				
10 0090	07 05			35 105								3 0 03				
10 0100	07 00			35 129								3 0 03				

77 13 0064	58 28	0		10 35			64 03		18	12		0 0 3 9				
0215	01 5						05 16			000						

12 0000	01 01			22 455								3 0 03				
12 0005	01 94			25 550								3 0 03				
12 0010	01 91			29 256								3 0 03				
12 0015	02 91			32 377								3 0 03				
12 0020	03 83			32 672								3 0 03				
12 0030	03 54			33 005								3 0 03				
12 0040	04 93			33 939								3 0 03				
12 0050	05 97			34 492								3 0 03				
12 0060	06 66			34 747								3 0 03				
12 0070	07 14			34 961								3 0 03				
12 0080	07 34			35 020								3 0 03				
12 0090	07 26			35 074								3 0 03				
12 0100	07 24			35 130								3 0 03				
12 0125	07 16			35 159								3 0 03				
12 0150	07 13			35 177								3 0 03				
12 0200	06 51			35 148								3 0 03				

77 13 0065	58 26	0		10 22			64 03		18	13		9 9 2 9				
0360	01						06 14			000						

14 0000	01 60			25 363								3 0 03				
14 0005	02 70			29 853								3 0 03				

Country	Ship	Station number	Latitude		0N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			o	'		o	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l	Oxygen	Saturat. ‰ ↓	Salin. method	Extra info.	Card code			

77 13 0065

14	0010	03	63		32	941						3	0	03
14	0015	03	94		33	540						3	0	03
14	0020	05	07		34	268						3	0	03
14	0030	05	55		34	479						3	0	03
14	0040	06	82		34	803						3	0	03
14	0050	07	30		34	981						3	0	03
14	0060	07	69		35	101						3	0	03
14	0070	07	57		35	105						3	0	03
13	0080	07	56		35	123						3	0	03
13	0090	07	12		35	070						3	0	03
13	0100	06	92		35	065						3	0	03
13	0125	07	14		35	130						3	0	03
13	0150	07	06		35	144						3	0	03
13	0200	06	89		35	157						3	0	03
13	0300	05	85		35	099						3	0	03

77	13	0066	55	45	0	16	23	64	04	02	20	1	4	1	9
		0064	01					07	14		045				

20	0000	00	88		07	72						1	0	03
20	0010	01	01		07	65			09	43		1	0	03
20	0020	00	83		07	65						1	0	03
20	0030	00	91		07	65			09	43		1	0	03
20	0040	00	94		07	64						1	0	03
20	0050	02	94		10	88			06	97		1	0	03
20	0060	07	61		15	69			02	68		1	0	03

77	13	0068	55	32	0	16	20	64	04	06	19	0	0	1	9
		0072	02					34	02		044				

19	0000	01	12		07	75						1	0	03
19	0010	00	96		07	75			09	38		1	0	03
19	0020	01	10		07	75						1	0	03
19	0030	00	89		07	76			09	24		1	0	03
19	0040	01	01		07	77						1	0	03
19	0050	02	81		11	05			07	90		1	0	03
19	0060	04	96		14	25						1	0	03
19	0072	06	41		15	45			04	47		1	0	03

77	13	0070	55	40	0	15	54	64	04	08	19	1	2	1	9
		0073	02					23	12		022				

19	0000	01	44		07	67						1	0	03
19	0010	01	36		07	71			09	45		1	0	03
19	0020	01	47		07	74						1	0	03
19	0030	00	90		07	78			09	31		1	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
			↓		↓		↓	↓	↓	↓	↓					
77 13	0070															
19	0040		00	83		07	80					1	0	03		
19	0050		00	84		07	80			03	37	1	0	03		
19	0060		05	20		14	17					1	0	03		
19	0073		07	78		15	77			02	76	1	0	03		
77 13	0078		58	20	0	11	10	64	06	23	12	2	8	2	9	
	0056		14					34	08		004					
12	0000		14	96		23	106					3	4	03		
12	0005		14	74		23	192					3	4	03		
12	0010		13	44		30	077					3	4	03		
12	0015		12	70		31	840					3	4	03		
12	0020		12	29		32	780					3	4	03		
12	0030		11	60		33	246					3	4	03		
12	0040		11	58		33	524					3	4	03		
12	0050		09	93		34	170					3	4	03		
77 13	0079		58	20	0	11	06	64	06	23	13	2	8	2	9	
	0055		14					34	12		003					
13	0000		14	99		22	947					3	4	03		
13	0005		14	38		24	765					3	4	03		
13	0010		13	25		30	661					3	4	03		
13	0015		12	97		31	399					3	4	03		
13	0020		12	44		32	593					3	4	03		
13	0030		11	60		33	226					3	4	03		
13	0040		11	18		33	637					3	4	03		
13	0050		09	56		34	363					3	4	03		
77 13	0080		58	20	0	11	02	64	06	23	14	2	8	3	9	
	0082		14					34	14		000					
15	0000		15	13		22	764					3	4	03		
15	0005		13	92		26	724					3	4	03		
15	0010		13	33		30	302					3	4	03		
15	0015		12	66		32	221					3	4	03		
15	0020		11	76		33	002					3	4	03		
15	0030		11	50		33	461					3	4	03		
14	0040		10	54		33	844					3	4	03		
14	0050		09	33		34	652					3	4	03		
14	0060		09	27		34	741					3	4	03		
14	0070		08	73		34	752					3	4	03		
14	0080		08	76		34	750					3	4	03		
77 13	0081		58	19	0	10	57	64	06	23	16	2	8	3	9	
	0115		14					34	14		004					

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info	Card code		

77 13 0081

16	0000	14	85		24	443						3	4	03
16	0005	13	32		29	891						3	4	03
16	0010	13	07		30	828						3	4	03
16	0015	12	18		32	533						3	4	03
16	0020	11	26		33	833						3	4	03
16	0030	09	75		34	675						3	4	03
16	0040	09	21		34	741						3	4	03
16	0050	08	92		34	747						3	4	03
16	0060	08	88		34	770						3	4	03
16	0070	08	29		34	840						3	4	03
16	0080	07	90		34	888						3	4	03
16	0090	07	53		34	933						3	4	03
16	0100	07	53		34	932						3	4	03

77	13	0082	58	18	0	10	49	64	06	23	17	2	8	2	9
		0165	13	5				29	14		008				

18	0000	13	71		29	432						3	4	03
18	0005	13	69		29	434						3	4	03
18	0010	13	15		30	360						3	4	03
18	0015	10	62		34	316						3	4	03
18	0020	10	00		34	664						3	4	03
18	0030	09	58		34	773						3	4	03
18	0040	08	97		34	817						3	4	03
17	0050	08	50		34	863						3	4	03
17	0060	07	94		34	915						3	4	03
17	0070	07	55		34	903						3	4	03
17	0080	07	53		34	990						3	4	03
17	0090	06	97		35	010						3	4	03
17	0100	06	69		35	002						3	4	03
17	0125	06	36		35	045						3	4	03
17	0150	06	53		35	125						3	4	03

77	13	0083	58	16	0	10	44	64	06	23	19	2	8	3	9
		0177	13	5				29	14		008				

19	0000	13	64		29	143						3	4	03
19	0005	13	64		29	145						3	4	03
19	0010	13	20		29	437						3	4	03
19	0015	11	24		33	834						3	4	03
19	0020	10	94		34	571						3	4	03
19	0030	09	10		34	845						3	4	03
19	0040	08	29		35	028						3	4	03
19	0050	07	21		34	988						3	4	03
19	0060	07	06		35	025						3	4	03
19	0070	06	55		35	022						3	4	03
19	0080	06	54		35	021						3	4	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C			Wind				Mixed layer depth m				
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C			Salinity ‰	σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Code				
		↓	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	

77 13 0083

19 0090	06 39			35 081								3 4 03			
19 0100	06 37			35 092								3 4 03			
19 0125	06 30			35 118								3 4 03			
19 0150	06 25			35 140								3 4 03			

77 13 0084	58 15	0	10 34	64 06	23 20	6 8 3 9
0280	13 5			27 20	009	

20 0000	13 72		29 166			3 4 03
20 0005	13 69		29 170			3 4 03
20 0010	13 20		29 571			3 4 03
20 0015	11 29		33 091			3 4 03
20 0020	10 32		33 745			3 4 03
20 0030	08 62		34 931			3 4 03
20 0040	08 16		35 111			3 4 03
20 0050	07 26		35 119			3 4 03
20 0060	06 89		35 127			3 4 03
20 0070	06 66		35 163			3 4 03
20 0080	06 55		35 171			3 4 03
20 0090	06 31		35 179			3 4 03
20 0100	06 41		35 182			3 4 03
20 0125	06 24		35 184			3 4 03
20 0150	06 28		35 194			3 4 03
20 0200	05 97		35 180			3 4 03
20 0270	05 81		35 170			3 4 03

77 13 0085	58 16	0	10 11	64 06	23 22	2 8 4 9
0420	13			25 20	009	

23 0000	13 33		29 621			3 4 03
23 0005	13 30		29 635			3 4 03
23 0010	12 53		30 757			3 4 03
23 0015	11 17		33 682			3 4 03
23 0020	09 78		33 876			3 4 03
23 0030	07 66		34 815			3 4 03
23 0040	06 96		34 974			3 4 03
23 0050	06 43		34 956			3 4 03
23 0060	06 47		35 013			3 4 03
22 0070	06 45		35 021			3 4 03
22 0080	06 57		35 065			3 4 03
22 0090	06 65		35 113			3 4 03
22 0100	06 53		35 125			3 4 03
22 0125	06 65		35 137			3 4 03
22 0150	05 94		35 133			3 4 03
22 0200	05 86		35 151			3 4 03
22 0300	05 60		35 149			3 4 03
22 0400	05 00		35 097			3 4 03

Country	Ship	Station number	Latitude			Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0								
		Depth to bottom m	Temperature °C		Temperature °C		Wind		Mixed layer						
			Dry ↓ bulb		Wet ↓ bulb	Dir.	Speed kn.			depth m					
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code				
			↓	↓	↓	↓	↓	↓							
77 13	0086	58 20	0	11 10	64 06	25	07	1 6 3 9							
	0055	15			29 14		000								
	07 0000	14 42		23 923				3 0 03							
	07 0005	14 14		25 621				3 0 03							
	07 0010	13 73		27 621				3 0 03							
	07 0015	12 38		31 836				3 0 03							
	07 0020	11 85		32 732				3 0 03							
	07 0030	11 18		33 422				3 0 03							
	07 0040	10 31		33 870				3 0 03							
	07 0050	09 70		34 296				3 0 03							
77 13	0087	58 20	0	11 06	64 06	25	08	1 6 3 9							
	0056	15			29 12		003								
	08 0000	14 48		23 598				3 0 03							
	08 0005	14 29		24 374				3 0 03							
	08 0010	13 16		30 970				3 0 03							
	08 0015	12 55		32 429				3 0 03							
	08 0020	11 79		33 152				3 0 03							
	08 0030	10 53		34 045				3 0 03							
	08 0040	09 84		34 322				3 0 03							
	08 0050	09 49		34 407				3 0 03							
77 13	0088	58 20	0	11 02	64 06	25	09	2 7 3 9							
	0084	16			25 10		007								
	09 0000	14 51		23 963				3 0 03							
	09 0005	14 45		23 977				3 0 03							
	09 0010	13 19		30 903				3 0 03							
	09 0015	12 39		32 880				3 0 03							
	09 0020	11 55		33 429				3 0 03							
	09 0030	09 41		34 098				3 0 03							
	09 0040	09 39		34 270				3 0 03							
	09 0050	10 56		34 769				3 0 03							
	09 0060	09 98		34 716				3 0 03							
	09 0070	09 57		34 667				3 0 03							
	09 0080	08 73		34 573				3 0 03							
77 13	0089	58 19	0	10 57	64 06	25	10	2 7 3 9							
	0113	15			25 14		004								
	10 0000	14 59		24 103				3 0 03							
	10 0005	13 24		30 291				3 0 03							
	10 0010	12 91		31 840				3 0 03							
	10 0015	11 38		33 837				3 0 03							
	10 0020	10 95		34 238				3 0 03							
	10 0030	10 49		34 549				3 0 03							

Country	Ship	Station number	Latitude			Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0								
		Depth to bottom m	Temperature °C		Temperature °C		Wind		Mixed layer						
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.							
Obs. time	Obs. depth m	Temperature °C		Salinity ‰		σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code			
			↓		↓			↓	↓						
77 13	0092	58 15	0	10 34	64 06	25	15	1 2 4 9							
	0290	15			27 16		009								
16	0000	13 85		29 441				3 0 03							
16	0005	13 86		29 442				3 0 03							
16	0010	11 24		32 910				3 0 03							
16	0015	09 82		33 880				3 0 03							
16	0020	09 63		34 545				3 0 03							
16	0030	07 33		34 953				3 0 03							
16	0040	07 32		35 092				3 0 03							
16	0050	06 72		35 079				3 0 03							
15	0060	05 64		35 096				3 0 03							
15	0070	06 61		35 126				3 0 03							
15	0080	06 43		35 136				3 0 03							
15	0090	06 41		35 136				3 0 03							
15	0100	06 39		35 183				3 0 03							
15	0125	06 36		35 207				3 0 03							
15	0150	06 12		35 199				3 0 03							
15	0175	06 04		35 182				3 0 03							
15	0200	05 98		35 183				3 0 03							
15	0225	06 02		35 189				3 0 03							
15	0250	05 99		35 184				3 0 03							
15	0275	05 83		35 173				3 0 03							
77 13	0093	58 16	0	10 11	64 06	25	18	1 1 5 9							
	0440	15			27 24		008								
18	0000	13 44		30 066				3 0 03							
18	0005	13 47		30 077				3 0 03							
18	0010	11 24		33 512				3 0 03							
18	0015	09 07		34 027				3 0 03							
18	0020	07 74		34 575				3 0 03							
18	0030	06 85		34 824				3 0 03							
18	0040	07 00		34 983				3 0 03							
18	0050	06 77		35 019				3 0 03							
18	0060	06 75		35 073				3 0 03							
18	0070	06 66		35 073				3 0 03							
18	0080	06 64		35 118				3 0 03							
18	0090	06 60		35 132				3 0 03							
18	0100	06 58		35 144				3 0 03							
18	0125	06 45		35 148				3 0 03							
18	0150	06 27		35 146				3 0 03							
18	0175	06 04		35 139				3 0 03							
18	0200	05 83		35 140				3 0 03							
18	0250	05 85		35 163				3 0 03							
18	0300	05 33		35 122				3 0 03							
18	0400	05 27		35 146				3 0 03							
77 13	0234	55 46	0	16 01	64 09	07	10	4 9 0 9							
	0063	17			00 00		000								

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			1:N+W	2:S+E	3:S+W	1	2	3								
		Depth to bottom m	Temperature °C		Temperature °C			Wind		Mixed layer depth m						
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code					
		↓		↓	↓	↓	↓	↓								

77 13 0241

03 0000	15 04		07 79						1 0 03
03 0010	15 02		07 79			06 63			1 0 03
03 0020	15 06		07 79			06 63			1 0 03
03 0030	04 94		08 24			07 36			1 0 03
03 0040	09 48		10 63			05 92			1 0 03
03 0050	11 83		15 41			04 22			1 0 03
03 0060	11 34		17 13			03 23			1 0 03
03 0070	10 41		19 10			01 22			1 0 03

77 13 0242	55 17	0	14 24		64 09	10 05			2 7 0 9
0048	12				27 08		016		

05 0000	14 92		07 78						1 0 03
05 0010	14 09		07 76			06 53			1 0 03
05 0020	08 82		07 67			07 41			1 0 03
05 0030	03 89		08 20			07 54			1 0 03
05 0040	05 50		10 12			06 39			1 0 03
05 0047	11 95		16 94			03 69			1 0 03

77 13 0243	55 00	0	14 04		64 09	10 08			2 8 0 9
0047	13				32 06		015		

08 0000	13 54		07 96						1 0 03
08 0010	13 42		07 98			06 88			1 0 03
08 0020	11 69		08 09			07 12			1 0 03
08 0030	07 64		09 06			06 71			1 0 03
08 0040	13 54		15 27			04 88			1 0 03
08 0046	13 52		16 06						1 0 03

77 13 0244	54 54	0	13 17		64 09	10 12			2 8 0 9
0047	14				25 04		000		

12 0000	14 03		08 13						1 0 03
12 0010	14 36		08 24						1 0 03
12 0020	14 50		08 31						1 0 03
12 0030	12 92		10 46			05 99			1 0 03
12 0040	12 52		16 21			03 80			1 0 03
12 0045	12 54		20 20			02 32			1 0 03

77 13 0245	55 13	0	13 15		64 09	10 17			2 8 9 9
0041	13				20 08		021		

17 0000	09 27		08 11						1 0 03
17 0010	08 98		08 11						1 0 03
17 0020	08 79		08 15						1 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C		Wind				Mixed layer depth m					
			Dry ↓ bulb		Wet ↓ bulb		Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code					
			↓	↓	↓	↓	↓	↓								

77 13 0245

17 0030 06 75 09 22 06 88 1 0 03
 17 0040 11 27 15 48 02 53 1 0 03

77 13 0247 58 35 0 11 09 64 10 06 07 4 9 2 9
 0056 09 14 12 017

07 0000 12 03 28 275 3 0 03
 07 0005 12 03 28 335 3 0 03
 07 0010 12 15 28 730 3 0 03
 07 0015 12 12 28 873 3 0 03
 07 0020 13 07 30 970 3 0 03
 07 0030 13 34 33 011 3 0 03
 07 0040 13 10 33 352 3 0 03
 07 0050 13 00 33 721 3 0 03

77 13 0248 58 35 0 11 05 64 10 06 07 1 6 2 9
 0115 10 14 12 014

08 0000 12 15 28 870 3 0 03
 08 0005 12 14 28 875 3 0 03
 08 0010 12 52 29 374 3 0 03
 08 0015 13 11 30 190 3 0 03
 08 0020 13 34 31 374 3 0 03
 08 0030 13 10 32 776 3 0 03
 08 0040 13 19 33 353 3 0 03
 07 0050 13 16 33 500 3 0 03
 07 0060 12 54 33 935 3 0 03
 07 0070 12 19 34 118 3 0 03
 07 0080 11 83 34 288 3 0 03
 07 0090 10 66 34 469 3 0 03
 07 0100 09 53 34 661 3 0 03

77 13 0249 58 34 0 11 01 64 10 06 08 1 5 2 9
 0051 11 16 10 012

08 0000 12 02 28 410 3 0 03
 08 0005 12 11 28 439 3 0 03
 08 0010 12 13 28 911 3 0 03
 08 0015 13 55 32 217 3 0 03
 08 0020 13 48 32 812 3 0 03
 08 0030 13 47 33 139 3 0 03
 08 0040 13 28 33 303 3 0 03

77 13 0250 58 34 0 10 57 64 10 06 09 2 7 3 9
 0064 11 16 14 011

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 13 0250

09 0000	12 17	28 425	3 0 03
09 0005	12 12	28 413	3 0 03
09 0010	12 08	28 635	3 0 03
09 0015	13 74	32 370	3 0 03
09 0020	13 59	32 771	3 0 03
09 0030	13 32	33 045	3 0 03
09 0040	13 19	33 314	3 0 03
09 0050	13 17	33 404	3 0 03
09 0060	13 13	33 579	3 0 03

77 13 0251 58 33 0 10 54 64 10 06 09 2 7 2 9
0077 12 18 12 010

09 0000	12 14	28 849	3 0 03
09 0005	12 10	28 851	3 0 03
09 0010	13 45	31 705	3 0 03
09 0015	13 53	32 689	3 0 03
09 0020	13 61	32 947	3 0 03
09 0030	13 22	33 302	3 0 03
09 0040	13 22	33 375	3 0 03
09 0050	13 23	33 499	3 0 03
09 0060	13 03	33 556	3 0 03
09 0070	13 10	33 888	3 0 03

77 13 0252 58 33 0 10 48 64 10 06 10 1 6 2 9
0106 12 18 12 008

10 0000	12 21	29 292	3 0 03
10 0005	12 17	29 247	3 0 03
10 0010	13 57	32 701	3 0 03
10 0015	13 53	33 006	3 0 03
10 0020	13 51	33 184	3 0 03
10 0030	13 25	33 441	3 0 03
10 0040	13 18	33 550	3 0 03
10 0050	13 01	33 559	3 0 03
10 0060	13 11	33 704	3 0 03
10 0070	13 05	34 112	3 0 03
10 0080	12 01	34 448	3 0 03
10 0090	08 47	35 000	3 0 03
10 0100	07 82	35 072	3 0 03

77 13 0253 58 32 0 10 41 64 10 06 11 1 2 9 9
0140 13 18 10 009

11 0000	12 13	32 936	3 0 03
11 0005	12 13	32 942	3 0 03

Country	Ship	Station number	Latitude			Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0.N+E	1.N+W	2.S+E	3.S+W	0								
		Depth to bottom m	Temperature °C		Temperature °C		-Wind								
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.			Mixed layer depth m				
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code				
			↓		↓		↓	↓		↓					

77 13 0253

11	0010	13	33		33	391						3	0	03
11	0015	13	26		33	531						3	0	03
11	0020	13	44		33	706						3	0	03
11	0030	13	36		33	800						3	0	03
11	0040	13	03		34	366						3	0	03
11	0050	12	82		34	507						3	0	03
11	0060	12	41		34	583						3	0	03
11	0070	11	67		34	634						3	0	03
11	0080	11	24		34	685						3	0	03
11	0090	10	04		34	824						3	0	03
11	0100	08	25		35	021						3	0	03
11	0125	07	78		35	077						3	0	03

77	13	0254	58	31	0	10	33	64	10	06	12	1	2	3	9
		0195	13					18	10		008				

13	0000	11	79		32	106						3	0	03
13	0005	11	74		32	120						3	0	03
13	0010	12	06		32	997						3	0	03
13	0015	12	02		33	183						3	0	03
13	0020	12	24		33	557						3	0	03
13	0030	12	90		34	438						3	0	03
13	0040	12	44		34	561						3	0	03
13	0050	11	54		34	588						3	0	03
13	0060	10	49		34	835						3	0	03
12	0070	09	55		34	982						3	0	03
12	0080	08	44		35	068						3	0	03
12	0090	08	21		35	128						3	0	03
12	0100	07	99		35	100						3	0	03
12	0125	07	69		35	129						3	0	03
12	0150	07	24		35	115						3	0	03
12	0190	06	95		35	148						3	0	03

77	13	0255	58	30	0	10	26	64	10	06	13	1	1	2	9
		0318	12					18	08		018				

14	0000	11	87		32	174						3	0	03
14	0005	11	82		32	100						3	0	03
14	0010	11	83		32	209						3	0	03
14	0015	11	86		32	352						3	0	03
14	0020	12	11		32	710						3	0	03
14	0030	11	15		34	859						3	0	03
14	0040	08	92		34	960						3	0	03
14	0050	08	63		35	181						3	0	03
14	0060	09	00		35	242						3	0	03
14	0070	08	49		35	262						3	0	03
13	0080	07	88		35	177						3	0	03

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1									
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb		-Wind Dir. Speed kn.		Mixed layer depth m				
		Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code

77 13 0255

13 0090	07 40	35 126									3 0 03
13 0100	07 33	35 106									3 0 03
13 0125	07 05	35 124									3 0 03
13 0150	07 06	35 128									3 0 03
13 0200	07 11	35 149									3 0 03
13 0250	06 97	35 165									3 0 03
13 0300	06 95	35 177									3 0 03

77 13 0256	58 35	0	11 09	64 10	07 06	6 8 3 9
0040	12			23 16	026	

06 0000	12 41	28 241				3 0 03
06 0005	12 44	28 239				3 0 03
06 0015	12 44	28 302				3 0 03
06 0025	12 43	28 425				3 0 03
06 0035	13 17	33 205				3 0 03

77 13 0257	58 35	0	11 05	64 10	07 06	2 8 3 9
0094	12			23 20	020	

06 0000	12 24	29 022				3 0 03
06 0005	12 34	29 022				3 0 03
06 0010	12 24	29 033				3 0 03
06 0015	12 36	29 094				3 0 03
06 0020	12 56	30 022				3 0 03
06 0030	13 36	32 826				3 0 03
06 0040	13 10	33 190				3 0 03
06 0050	13 06	33 553				3 0 03
06 0060	12 55	33 927				3 0 03
06 0070	12 03	34 142				3 0 03
06 0080	11 11	34 394				3 0 03

77 13 0258	58 34	0	11 01	64 10	07 07	2 8 4 9
0045	12			20 20	016	

07 0000	12 60	29 466				3 0 03
07 0005	12 71	29 462				3 0 03
07 0010	12 67	29 581				3 0 03
07 0015	12 94	30 857				3 0 03
07 0020	13 11	31 597				3 0 03
07 0030	13 43	33 134				3 0 03
07 0040	13 29	33 293				3 0 03

77 13 0259	58 34	0	10 57	64 10	07 08	2 8 4 9
0064	12			20 20	007	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	3	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓	bulb		Wet ↓	bulb	Dir.	Speed kn.							
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		
			↓			↓		↓		↓	↓					

77 13 0259

08 0000	12 69	30 084	3 0 03
08 0005	12 72	30 082	3 0 03
08 0010	13 05	30 921	3 0 03
08 0015	13 18	31 965	3 0 03
08 0020	12 81	32 348	3 0 03
08 0030	12 85	32 539	3 0 03
08 0040	13 29	33 188	3 0 03
08 0050	13 16	33 293	3 0 03
08 0060	13 28	33 420	3 0 03

77 13 0260	58 33	0	10 54	64 10	07 09	2 8 4 9
0077	12			20 24	028	

09 0000	12 95	32 297	3 0 03
09 0005	12 92	32 297	3 0 03
09 0010	12 87	32 535	3 0 03
09 0015	12 68	32 978	3 0 03
09 0020	12 85	33 046	3 0 03
09 0030	13 03	33 256	3 0 03
09 0040	13 37	33 482	3 0 03
09 0050	13 22	33 516	3 0 03
09 0060	13 16	33 582	3 0 03
09 0070	13 10	33 683	3 0 03

77 13 0261	58 33	0	10 48	64 10	07 09	2 8 5 9
0105	12			18 28	008	

10 0000	12 85	32 200	3 0 03
10 0005	12 83	32 138	3 0 03
10 0010	12 55	33 052	3 0 03
10 0015	12 27	33 051	3 0 03
10 0020	12 41	33 160	3 0 03
10 0030	13 22	33 565	3 0 03
10 0040	13 39	33 702	3 0 03
09 0050	13 46	33 796	3 0 03
09 0060	13 30	33 866	3 0 03
09 0070	10 30	34 788	3 0 03
09 0080	08 31	35 037	3 0 03
09 0090	08 05	35 088	3 0 03
09 0100	07 72	35 122	3 0 03

77 13 0262	58 32	0	10 41	64 10	07 11	2 8 5 9
0142	12			18 28	025	

11 0000	12 09	33 063	3 0 03
11 0005	12 08	33 106	3 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 13 0262

11 0010	12 08	33 074	3 0 03
11 0015	12 14	33 070	3 0 03
11 0020	12 05	33 081	3 0 03
11 0030	13 01	33 725	3 0 03
11 0040	13 41	34 219	3 0 03
11 0050	11 86	34 512	3 0 03
11 0060	11 29	34 686	3 0 03
11 0070	10 03	34 799	3 0 03
11 0080	09 59	34 827	3 0 03
11 0090	08 49	34 945	3 0 03
11 0100	08 17	35 068	3 0 03
11 0130	07 33	35 120	3 0 03

77 13 0263	58 31	0	10 33	64 10	07 12	2 8 5 9
0200	11			18 32	022	

12 0000	11 97	32 865	3 0 03
12 0005	11 93	32 861	3 0 03
12 0010	11 96	32 864	3 0 03
12 0015	11 95	32 952	3 0 03
12 0020	12 16	33 214	3 0 03
12 0030	12 19	34 157	3 0 03
12 0040	11 93	34 465	3 0 03
12 0050	10 46	34 715	3 0 03
12 0060	08 96	34 873	3 0 03
12 0075Q	08 88	34 878	3 0 03
12 0080Q	08 33	34 942	3 0 03
12 0100Q	07 98	35 000	3 0 03
12 0120Q	07 51	35 094	3 0 03
12 0160Q	07 05	35 137	3 0 03

77 13 0264	58 35	0	11 09	64 10	08 07	2 8 3 9
0048	12			23 14	034	

07 0000	12 60	28 616	3 0 03
07 0005	12 69	28 606	3 0 03
07 0010	12 58	28 612	3 0 03
07 0015	12 61	28 618	3 0 03
07 0020	12 59	28 663	3 0 03
07 0030	12 61	28 740	3 0 03
07 0040	13 08	33 089	3 0 03

77 13 0265	58 35	0	11 05	64 10	08 08	1 6 2 9
0093	12			23 18	026	

08 0000	12 68	29 845	3 0 03
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Country	Ship	Station number	Latitude		0-N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'		°	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.		Mixed layer depth m					
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen Saturat. ‰ ↓	Salin. method	Extra info.	Card code				

77 13 0265

08	0005	12	65		29	900						3	0	03
08	0010	12	75		29	997						3	0	03
08	0015	12	67		30	117						3	0	03
08	0020	12	70		30	182						3	0	03
08	0030	13	05		31	093						3	0	03
08	0040	13	21		32	908						3	0	03
08	0050	13	09		33	328						3	0	03
08	0060	12	70		33	750						3	0	03
08	0070	11	54		34	217						3	0	03
08	0080	10	48		34	476						3	0	03
08	0090	09	72		34	621						3	0	03

77	13	0266	58	34	0	11	01	64	10	08	08	1	2	3	9
		0050	12					23	16		033				

08	0000	12	52		29	089						3	0	03
08	0005	12	65		29	414						3	0	03
08	0010	12	57		29	620						3	0	03
08	0015	12	60		29	653						3	0	03
08	0020	12	60		29	898						3	0	03
08	0030	12	70		30	459						3	0	03
08	0040	13	13		32	685						3	0	03

77	13	0267	58	34	0	10	57	64	10	08	09	1	3	2	9
		0063	12					23	12		063				

09	0000	12	53		29	898						3	0	03
09	0005	12	58		30	842						3	0	03
09	0010	12	58		31	715						3	0	03
09	0015	12	72		32	184						3	0	03
09	0020	12	71		32	543						3	0	03
09	0030	12	75		33	015						3	0	03
09	0040	12	48		33	279						3	0	03
09	0050	12	39		33	397						3	0	03
09	0060	12	24		33	703						3	0	03

77	13	0268	58	33	0	10	54	64	10	08	10	2	7	3	9
		0077	12					20	14		052				

10	0000	12	37		33	275						3	0	03
10	0005	12	32		33	279						3	0	03
10	0010	12	34		33	281						3	0	03
10	0015	12	34		33	303						3	0	03
10	0020	12	45		33	334						3	0	03
10	0030	12	37		33	336						3	0	03
10	0040	12	38		33	349						3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. %	Salin. method	Extra info.	Card code		

77 13 0268

10	0050	12	20		34	050						3	0	03
10	0060	11	56		34	519						3	0	03
10	0070	11	36		34	544						3	0	03

77	13	0269	58	33	0	10	48	64	10	08	10	1	1	3	9
		0104	13					20	14		030				

10	0000	12	26		33	163						3	0	03
10	0005	12	26		33	165						3	0	03
10	0010	12	33		33	171						3	0	03
10	0015	12	22		33	224						3	0	03
10	0020	12	27		33	258						3	0	03
10	0030	12	59		33	540						3	0	03
10	0040	13	13		34	286						3	0	03
10	0050	12	78		34	405						3	0	03
10	0060	11	22		34	666						3	0	03
10	0070	10	38		34	786						3	0	03
10	0080	09	07		34	900						3	0	03
10	0090	08	90		34	935						3	0	03
10	0100	08	63		34	958						3	0	03

77	13	0270	58	32	0	10	41	64	10	08	11	1	2	2	9
		0143	12					20	10		023				

12	0000	12	05		33	020						3	0	03
12	0005	12	08		33	026						3	0	03
12	0010	12	05		33	028						3	0	03
12	0015	12	12		33	028						3	0	03
12	0020	12	03		33	032						3	0	03
12	0030	13	01		33	998						3	0	03
12	0040	12	30		34	466						3	0	03
12	0050	11	93		34	635						3	0	03
11	0060	10	88		34	750						3	0	03
11	0070	09	73		34	802						3	0	03
11	0080	09	61		34	859						3	0	03
11	0090	09	41		34	863						3	0	03
11	0100	09	42		35	029						3	0	03
11	0130	07	45		35	104						3	0	03

77	13	0271	58	31	0	10	33	64	10	08	12	1	6	3	9
		0195	12					20	16		028				

13	0000	12	05		32	741						3	0	03
13	0005	12	09		32	737						3	0	03
13	0010	12	04		32	741						3	0	03
13	0015	12	12		32	953						3	0	03

Country	Ship	Station number	Latitude		D.N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice	
			°	'		°	'									
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.				Mixed layer depth m				
Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code				

77 13 0271

13	0020	12	02		33	243						3	0	03		
13	0030	12	58		34	474						3	0	03		
13	0040	12	71		34	661						3	0	03		
13	0050	10	87		34	894						3	0	03		
12	0060	10	39		34	936						3	0	03		
12	0070	09	57		34	957						3	0	03		
12	0080	09	27		34	951						3	0	03		
12	0090	08	40		35	031						3	0	03		
12	0100	08	22		35	149						3	0	03		
12	0125	07	38		35	114						3	0	03		
12	0150	07	15		35	132						3	0	03		
12	0190	07	17		35	133						3	0	03		

77	13	0272	58	30	0	10	26	64	10	08	14	1	5	3	9	
		0320	12					20	12		023					

14	0000	12	02		32	667						3	0	03		
14	0005	11	97		32	661						3	0	03		
14	0010	12	01		32	678						3	0	03		
14	0015	11	94		32	744						3	0	03		
14	0020	12	05		32	777						3	0	03		
14	0030	11	13		34	876						3	0	03		
14	0040	09	50		34	937						3	0	03		
14	0050	08	52		35	002						3	0	03		
14	0060	08	23		35	084						3	0	03		
14	0070	07	97		35	087						3	0	03		
14	0080	07	87		35	181						3	0	03		
14	0090	07	63		35	112						3	0	03		
14	0100	07	49		35	113						3	0	03		
14	0125	07	36		35	124						3	0	03		
14	0150	07	28		35	104						3	0	03		
14	0200	07	07		35	122						3	0	03		
14	0250	06	97		35	152						3	0	03		
14	0300	06	12		35	176						3	0	03		

77	13	0273	58	30	0	10	26	64	10	08	20	1	2	4	9	
		0320	11					18	20		023					

20	0000	12	00		32	698						3	0	03		
20	0005	11	96		32	690						3	0	03		
20	0010	11	99		32	690						3	0	03		
20	0015	11	98		32	702						3	0	03		
20	0020	12	10		32	827						3	0	03		
20	0030	11	27		34	884						3	0	03		
20	0040	09	75		35	047						3	0	03		
20	0050	08	65		35	033						3	0	03		
20	0060	08	77		35	138						3	0	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C		Temperature °C			-Wind		Mixed layer depth m						
			Dry ↓	bulb	Wet ↓	bulb	Dir.	Speed kn.								
Obs. time	Obs. depth m	Temperature °C		Salinity ‰	σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code					
		↓		↓	↓	↓	↓	↓								

77 13 0273

20	0070	07 76		35	104							3	0	03		
20	0080	07 81		35	116							3	0	03		
20	0090	07 54		35	098							3	0	03		
20	0100	07 54		35	088							3	0	03		
20	0125	07 30		35	100							3	0	03		
20	0150	07 17		35	095							3	0	03		
20	0200	07 06		35	133							3	0	03		
20	0250	06 91		35	167							3	0	03		
20	0300	06 02		35	164							3	0	03		

77 13 0274 58 30 0 10 26 64 10 09 01 1 1 4 9
0320 11 18 24 024

02	0000	12 00		32	792							3	0	03		
02	0005	11 96		32	777							3	0	03		
02	0010	12 02		32	786							3	0	03		
02	0015	12 03		32	897							3	0	03		
02	0020	12 16		32	939							3	0	03		
02	0030	10 79		34	749							3	0	03		
02	0040	09 72		35	001							3	0	03		
02	0050	08 65		35	082							3	0	03		
02	0060	07 93		35	116							3	0	03		
02	0070	07 81		35	124							3	0	03		
01	0080	07 75		35	129							3	0	03		
01	0090	07 54		35	117							3	0	03		
01	0100	07 61		35	124							3	0	03		
01	0125	07 24		35	101							3	0	03		
01	0150	07 19		35	111							3	0	03		
01	0200	07 05		35	143							3	0	03		
01	0250	06 99		35	144							3	0	03		
01	0300	06 26		35	186							3	0	03		

77 13 0275 58 31 0 10 33 64 10 09 03 1 6 4 9
0190 11 18 20 050

03	0000	12 09		33	034							3	0	03		
03	0005	12 08		33	033							3	0	03		
03	0010	12 17		33	034							3	0	03		
03	0015	12 09		33	037							3	0	03		
03	0020	12 11		33	068							3	0	03		
03	0030	12 02		34	327							3	0	03		
03	0040	11 82		34	710							3	0	03		
03	0050	11 00		34	945							3	0	03		
03	0060	09 33		35	050							3	0	03		
03	0070	08 37		34	995							3	0	03		
03	0080	08 33		35	048							3	0	03		
03	0090	07 81		35	069							3	0	03		

Country	Ship	Station number	Latitude		0:N+E 1:N+W 2:S+E 3:S+W	Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			°	'		°	'								
		Depth to bottom m	Temperature °C Dry ↓ bulb			Temperature °C Wet ↓ bulb		Wind Dir. Speed kn.				Mixed layer depth m			
		Obs. time	Obs. depth m	Temperature °C ↓			Salinity ‰ ↓	σ_t ↓	ml/l	Oxygen ↓	Saturat. % ↓	Salin. method	Extra info.	Card code	

77 13 0275

03	0100	07	75			35	075					3	0	03
03	0125	07	38			35	112					3	0	03
03	0150	07	13			35	154					3	0	03
03	0180	07	13			35	121					3	0	03

77	13	0276	58	32	0	10	41	64	10	09	04	2	7	4	9
		0135	11					18	20		030				

04	0000	12	09			33	020					3	0	03
04	0005	12	18			33	123Q					3	0	03
04	0010	12	11			33	021					3	0	03
04	0015	12	13			33	021					3	0	03
04	0020	12	10			33	030					3	0	03
04	0030	12	20			33	298					3	0	03
04	0040	12	13			34	172					3	0	03
05	0050	12	00			34	442					3	0	03
05	0060	11	56			34	644					3	0	03
05	0070	10	71			34	707					3	0	03
05	0080	09	76			34	839					3	0	03
05	0090	09	25			35	053					3	0	03
05	0100	08	07			35	035					3	0	03
05	0130	07	43			35	108					3	0	03

77	13	0277	58	33	0	10	48	64	10	09	05	2	8	4	9
		0105	10					16	22		027				

06	0000	12	30			33	261					3	0	03
06	0005	12	41			33	245					3	0	03
06	0010	12	32			33	255					3	0	03
06	0015	12	34			33	272					3	0	03
06	0020	12	32			33	323					3	0	03
06	0030	13	18			33	748					3	0	03
06	0040	13	28			33	981					3	0	03
05	0050	13	27			34	135					3	0	03
05	0060	12	92			34	328					3	0	03
05	0070	11	55			34	505					3	0	03
05	0080	10	45			34	774					3	0	03
05	0090	10	26			34	803					3	0	03
05	0100	10	25			34	813					3	0	03

77	13	0278	58	33	0	10	54	64	10	09	06	2	8	4	9
		0078	10					14	18		050				

06	0000	12	61			30	394					3	0	03
06	0005	12	64			31	318					3	0	03
06	0010	12	66			31	765					3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0-N+E	1-N+W	2-S+E	3-S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓			↓	↓	↓	↓					

77 13 0278

06	0015	12	52		32	905						3	0	03		
06	0020	12	56		33	238						3	0	03		
06	0030	12	52		33	342						3	0	03		
06	0040	12	60		33	415						3	0	03		
06	0050	12	60		33	447						3	0	03		
06	0060	13	12		33	980						3	0	03		
06	0070	12	28		34	385						3	0	03		

77	13	0279	58	34	0	10	57	64	10	09	07	2	8	3	9	
		0064	11					14	14		064					

07	0000	12	47		28	322						3	0	03		
07	0005	12	52		28	364						3	0	03		
07	0010	12	50		28	513						3	0	03		
07	0015	12	62		29	012						3	0	03		
07	0020	12	52		31	350						3	0	03		
07	0030	12	66		32	789						3	0	03		
07	0040	12	49		33	284						3	0	03		
07	0050	12	53		33	418						3	0	03		
07	0060	12	40		33	577						3	0	03		

77	13	0280	58	34	0	11	01	64	10	09	08	2	8	3	9	
		0050	11					14	16		050					

08	0000	12	43		28	201						3	0	03		
08	0005	12	55		28	215						3	0	03		
08	0010	12	48		28	230						3	0	03		
08	0015	12	52		28	289						3	0	03		
08	0020	12	56		28	987						3	0	03		
08	0030	12	89		29	171						3	0	03		
08	0040	12	68		33	340						3	0	03		

77	13	0281	58	35	0	11	05	64	10	09	08	2	8	3	9	
		0125	11					14	14		000					

08	0000	12	37		27	878						3	0	03		
08	0005	12	48		27	888						3	0	03		
08	0010	12	42		28	115						3	0	03		
08	0015	12	62		29	017						3	0	03		
08	0020	12	69		29	594						3	0	03		
08	0030	12	95		31	125						3	0	03		
08	0040	13	17		33	185						3	0	03		
08	0050	12	97		33	557						3	0	03		
08	0060	11	93		34	104						3	0	03		
08	0070	11	53		34	182						3	0	03		
08	0080	11	54		34	309						3	0	03		

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0:N+E	1:N+W	2:S+E	3:S+W	0	1								
		Depth to bottom m	Temperature °C			Temperature °C			Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77	13	0281														
	08	0090	10	56			34	440						3	0	03
	08	0100	09	72			34	609						3	0	03
77	13	0282	58	35	0		11	09	64	10	09	09		2	8	2 9
		0055	10						14	10		031				
	09	0000	12	32			27	462						3	0	03
	09	0005	12	29			27	464						3	0	03
	09	0010	12	42			27	483						3	0	03
	09	0015	12	35			27	578						3	0	03
	09	0020	12	41			28	132						3	0	03
	09	0030	12	54			29	025						3	0	03
	09	0040	13	10			33	305						3	0	03
	09	0050	12	88			33	699						3	0	03
77	13	0285	54	55	0		13	17	64	11	05	12		2	8	9 9
		0046	08						36	12		031				
	12	0000	09	55			08	25						1	0	03
	12	0010	09	50			08	25						1	0	03
	12	0020	09	49			08	29			07	31		1	0	03
	12	0030	09	50			08	28			07	24		1	0	03
	12	0040	10	16			09	84			06	37		1	0	03
	12	0045	10	62			14	42			04	61		1	0	03
77	13	0288	55	01	0		14	01	64	11	06	12		1	2	9 9
		0048	08						25	20		029				
	12	0000	09	51			07	99						1	0	03
	12	0010	09	38			07	98						1	0	03
	12	0020	09	44			08	03			07	34		1	0	03
	12	0030	09	51			08	13			07	17		1	0	03
	12	0040	12	53			15	22			03	54		1	0	03
	12	0045	12	17			16	66			01	05		1	0	03
77	13	0289	55	17	0		14	24	64	11	06	15		1	6	1 9
		0047	07	5					25	20		000				
	15	0000	09	29			07	91						1	0	03
	15	0010	09	27			07	89						1	0	03
	15	0020	09	33			07	90			07	57		1	0	03
	15	0030	09	52			08	14			07	31		1	0	03
	15	0040	09	67			08	21			07	20		1	0	03
	15	0045	09	69			10	05			05	51		1	0	03
77	13	0290	55	27	0		14	49	64	11	09	09		2	8	9 9
		0070	07	5					20	10		031				

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			1:N+W	2:S+E	3:S+W	1	2	3								
		Depth to bottom m	Temperature °C Dry ↓ bulb		Temperature °C Wet ↓ bulb	Wind Dir. Speed kn.				Mixed layer depth m						
Obs. time	Obs. depth m	Temperature °C ↓		Salinity ‰ ↓	σ_t ↓	ml/l ↓	Oxygen ↓	Saturat. ‰ ↓	Salin. method	Extra info.	Card code					

77 13 0290

09 0000	09 56	07 67									1 0 03
09 0010	09 56	07 66									1 0 03
09 0020	09 67	07 69					07 29				1 0 03
09 0030	09 55	07 69					07 26				1 0 03
09 0040	04 58	08 61					06 55				1 0 03
09 0050	11 03	12 98					04 39				1 0 03
09 0060	11 40	15 18					02 29				1 0 03
09 0067	08 41	16 14					01 19				1 0 03

77 13 0291	55 31	0	14 53	64 11	09 13	2 8 9 9
0075	07			25 10	031	

13 0000	09 24	07 83									1 0 03
13 0010	09 28	07 81									1 0 03
13 0020	09 29	07 81									1 0 03
13 0030	09 44	07 90					07 34				1 0 03
13 0040	09 56	08 22					06 97				1 0 03
13 0050	08 44	11 76					05 35				1 0 03
13 0060	09 34	14 58					04 03				1 0 03
13 0070	07 61	16 49									1 0 03
13 0072	07 59	16 47					00 76				1 0 03

77 13 0292	55 31	0	15 06	64 11	10 11	1 2 9 9
0089	08			23 14	040	

11 0000	09 52	07 60									1 0 03
11 0010	09 47	07 61									1 0 03
11 0020	09 48	07 60									1 0 03
11 0030	09 38	07 59									1 0 03
11 0040	09 38	07 75					07 23				1 0 03
11 0050	05 96	11 54					05 59				1 0 03
11 0060	09 87	14 59					03 89				1 0 03
11 0070	07 81	16 37					01 55				1 0 03
11 0080	07 62	16 69					00 51				1 0 03
11 0086	07 60	16 69					00 59				1 0 03

77 13 0293	54 51	0	15 18	64 11	11 09	2 7 9 9
0071				29 10	038	

09 0000	09 49	07 82									1 0 03
09 0010	09 49	07 78									1 0 03
09 0020	09 57	07 81									1 0 03
09 0030	09 49	07 79					07 31				1 0 03
09 0040	06 25	09 66					06 10				1 0 03
09 0050	06 15	12 31					05 09				1 0 03
09 0060	07 13	14 35					03 78				1 0 03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	'	''	0	'	''								
		Depth to bottom m	Temperature °C			Temperature °C			-Wind		Mixed layer depth m					
			Dry ↓ bulb			Wet ↓ bulb			Dir.	Speed kn.						
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
			↓	'	''	↓	'	''	↓	↓	↓	↓	↓	↓	↓	↓
77	13	0293														
	09	0067	07	87		16	33			00	92			1	0	03
77	13	0296	55	15	0	15	58	64	11	11	15			1	6	9 9
		0088	08					27	10							
	15	0000	09	55		07	60							1	0	03
	15	0010	09	52		07	61							1	0	03
	15	0020	09	49		07	64							1	0	03
	15	0030	09	44		07	71			07	20			1	0	03
	15	0040	05	88		07	65			07	60			1	0	03
	15	0050	08	28		10	10			05	51			1	0	03
	15	0060	07	58		12	39			05	01			1	0	03
	15	0070	08	04		15	30			03	59			1	0	03
	15	0080	07	91		16	65			01	19			1	0	03
	15	0088	07	83		17	24			00	62			1	0	03
77	13	0299	55	32	0	16	21	64	11	12	08			2	8	1 9
		0073	08					23	10		034					
	08	0000	08	9		07	60							4	0	03
	08	0060	06	81		12	67			05	25			1	0	03
	08	0070	07	07		15	75			01	63			1	0	03
77	13	0301	55	44	0	15	56	64	11	12	14			4	8	1 9
		0067	07					23	16		035					
	14	0000	09	00		07	76							1	0	03
	14	0010	09	01		07	77							1	0	03
	14	0020	09	11		07	76			07	40			1	0	03
	14	0030	09	00		07	84			07	38			1	0	03
	14	0040	08	23		07	88			07	10			1	0	03
	14	0050	05	79		09	35			06	31			1	0	03
	14	0060	08	95		14	29			04	36			1	0	03
	14	0066	07	38		14	48			03	53			1	0	03

"Thetis"

Chemical Observations

Country	Ship	Station number	Latitude °	0: N-E 1: N-W 2: S-E 3: S-W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code		
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³			

77 13 0023

10	0010	01 64	13 60	396	0 03	8 19	06
10	0015	03 25	17 84		0 39	7 97	06
10	0020	05 90	19 49		0 75	8 00	06
10	0030	06 62	19 79	284	0 75	7 91	06
10	0040	06 47	19 85		0 75	7 99	06
10	0050	06 33	19 87		0 43	8 00	06

77 13 0024

11	0000	01 38	11 76	964	03 12	11 0058	06
11	0005	01 15	11 93		0 03	8 25	06
11	0010	00 68	14 76		0 09	8 26	06
11	0015	04 95	18 48		0 03	8 14	06
11	0020	05 73	19 18		0 62	8 00	06
11	0030	06 07	19 46		0 71	7 98	06
11	0040	06 37	19 73		0 80	8 01	06
11	0050	06 55	19 80		0 79	8 04	06
						8 04	

77 13 0025

12	0000	01 89	11 31	964	03 12	12 0118	06
12	0005	01 00	12 14		0 01	8 25	06
12	0010	00 53	14 44	368	0 04	8 26	06
12	0015	06 00	18 79		0 02	8 19	06
12	0020	05 89	19 19		0 62	7 99	06
12	0030	05 97	19 41	238	0 64	8 00	06
12	0040	06 08	19 53		0 87	7 98	06
					0 93	8 02	06

Country	Ship	Station number	Latitude °	<small>0:N+E 1:N+W 2:S+E 3:S+W</small>	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
		Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
				Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	

77 13 0025

12	0050	06 08	19 58	263	0 93					06
								7 99		
12	0060	06 17	19 61		0 87					06
								7 97		
12	0070	06 23	19 63	268	0 69					06
								8 01		
12	0080	06 15	19 64		1 35					06
								7 93		
12	0090	06 30	19 66		1 38					06
								7 91		
12	0100	06 26	19 68	252	1 05					06
								8 00		
12	0110	06 34	19 70	263	0 94					06
								8 00		

77 13 0026

14	0000	02 55	13 67	414	0 17					06
								8 22		
14	0005	02 13	13 79		0 14					06
								8 28		
14	0010	04 40	15 23	206	1 19					06
								7 81		
14	0015	06 40	16 11	089	2 41					06
								7 48		
14	0020	06 21	16 41		5 32					06
								7 28		
14	0030	06 10	16 52		4 80					06
								7 31		
14	0038	06 11	16 57	033	3 18					06
								7 39		

77 13 0027

15	0000	02 06	13 73	444	0 20					06
								8 23		
15	0005	01 88	13 79		0 19					06
								8 18		
15	0010	04 84	15 39	200	1 21					06
								7 51		
15	0015	06 22	16 28		3 00					06
								7 22		
15	0020	06 17	16 46		4 84					06
								7 35		
15	0030	06 05	16 56	033	3 84					06
								7 39		
15	0040	06 02	16 58	057	3 25					06
								7 46		

Country	Ship	Station number	Latitude °	0:N+E 1:N+W 2:S+E 3:S+W	Longitude ° / '	Year 1	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C ↓	Chlorosity g./dm ³ ↓	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³ ↓	Total P μg.-atoms/dm ³ ↓	Silicate-Si μg.-atoms/dm ³ ↓	Card code		
		Nitrate-N μg.-atoms/dm ³ ↓	Nitrite-N μg.-atoms/dm ³ ↓	Ammonium-N μg.-atoms/dm ³ ↓	Organic N μg.-atoms/dm ³ ↓	pH ↓	Alkalinity μval /dm ³ ↓			

77 13 0027	15 0050	05 95	16 61	087	2 64	7 52	06
77 13 0028	58 17	0 11 41	964	03 12	16 0061		
16 0000	01 73	13 41	443	0 05		8 33	06
16 0005	01 58	13 87		0 15		8 36	06
16 0010	02 96	15 08	258	0 88		7 94	06
16 0015	04 68	16 03	196	1 47		7 75	06
16 0020	05 93	16 40	063	3 03		7 48	06
16 0030	05 88	16 52	052	3 53		7 37	06
16 0040	05 77	16 56	118	2 39		7 53	06
16 0050	05 81	16 61	118	2 43		7 48	06
16 0058	05 83	16 64	124	2 35		7 58	06
77 13 0029	58 19	0 11 48	964	03 12	16 0042		
16 0000	01 63	12 87	406	0 15		8 28	06
16 0005	01 55	12 98		0 03		8 31	06
16 0010	01 35	14 22	378	0 20		8 09	06
16 0015	03 19	15 85		1 05		7 86	06
16 0020	05 97	17 96	201	1 61		7 75	06
16 0030	04 96	18 48	269	1 02		7 92	06
16 0038	04 97	18 52	254	1 05		7 92	06
77 13 0030	58 20	0 11 50	964	03 12	17 0047		
17 0000	02 05	12 92	468	0 15		8 30	06
17 0005	01 71	12 98	467	0 09		8 39	06

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m	Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
			°	<small>D.R.+E 1.R.+W E.S.+E S.S.+W</small>	°									Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 13 0030

17 0010	04 37	15 61	219	1 82						06
17 0015	06 91	17 30	040	5 08				7 76		06
17 0020	06 52	17 42		8 73				7 48		06
17 0030	06 10	17 51	1	13 50				7 39		06
17 0040	05 83	17 55		5 60				7 30		06
								7 24		

77 13 0031

07 0000	01 07	12 28	964	03 13	07 0025					06
07 0005	01 23	13 05		0 03				8 33		06
07 0010	01 13	14 47		0 03				8 27		06
07 0015	04 31	16 26		1 22				7 88		06
07 0022	05 50	18 20		1 52				7 62		06
								7 61		

77 13 0032

08 0000	01 07	11 92	964	03 13	08 0023					06
08 0005	01 01	13 05		0 08				8 17		06
08 0010	00 87	13 84		0 05				8 31		06
08 0015	03 03	15 85		0 09				8 22		06
08 0020	05 45	17 66		0 86				7 96		06
				1 56				7 66		06

77 13 0033

08 0000	01 36	11 80	964	03 13	08 0033					06
08 0005	01 29	12 59		0 09				8 19		06
08 0010	02 09	14 16		0 10				8 21		06
08 0015	03 45	16 00		0 33				8 10		06
				0 83				8 00		06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W	0:E+W	1:W+E					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 13 0033

08 0020 04 39 17 02 1 17 06

08 0030 05 29 18 71 257 1 14 7 95 06

08 0030 05 29 18 71 257 1 14 7 90 06

77 13 0034 58 04 0 11 47 964 03 13 09 0026

09 0000 01 29 10 72 417 0 09 8 21 06

09 0005 01 05 11 31 0 04 7 98 06

09 0010 01 53 13 60 368 0 18 8 10 06

09 0015 02 84 15 35 1 21 8 00 06

09 0020 05 28 18 46 264 1 08 7 83 06

09 0024 05 52 19 09 267 7 98 06

77 13 0035 57 59 0 11 46 964 03 13 10 0030

10 0000 01 26 10 50 0 13 7 98 06

10 0005 00 66 11 50 0 09 8 23 06

10 0010 00 95 13 38 0 09 7 92 06

10 0015 02 94 15 73 0 68 7 94 06

10 0020 05 04 18 57 0 88 7 84 06

10 0025 06 24 20 20 268 1 15 7 94 06

77 13 0036 57 55 0 11 36 964 03 13 11 0055

11 0000 01 37 09 43 0 06 7 92 06

11 0005 01 09 10 23 0 07 7 96 06

11 0010 01 41 13 00 0 09 8 03 06

11 0015 02 51 15 73 0 46 7 58 06

11 0020 04 51 18 59 0 67 7 72 06

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:0-E	1:0-W	2:0-E	3:0-W	0:0-E	1:0-W					
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code					
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³						

77 13 0036

11 0030	06 50	19 76		0 93			06
11 0040	06 55	19 81		0 93	8 00		06
11 0050	06 61	19 86	276	0 91	7 88		06
					7 89		

77 13 0037 57 54 0 11 32 964 03 13 11 0037

11 0000	01 19	09 30		0 20			06
11 0005	01 08	10 43		0 09	8 09		06
11 0010	01 40	12 15		0 11	8 25		06
11 0015	02 11	15 74		0 32	8 02		06
11 0020	03 79	17 90		0 57	7 82		06
					7 89		

77 13 0038 57 53 0 11 25 964 03 13 12 0060

12 0000	01 08	10 80		0 08			06
12 0005	00 97	10 80		0 03	7 28		06
12 0010	01 10	11 24		0 02	8 05		06
12 0015	01 23	13 76		0 04	8 19		06
12 0020	03 33	17 79		0 03	8 11		06
12 0030	05 83	19 42		0 58	8 11		06
12 0040	06 01	19 80		0 77	8 01		06
12 0050	06 05	19 80		0 78	8 01		06
					8 02		

77 13 0039 57 53 0 11 25 964 03 16 11 0062

11 0000	00 49	10 01		0 07			06
11 0005	00 47	10 65		0 00	8 21		06
11 0010	00 70	11 16		0 03	8 12		06
					8 25		

Country	Ship	Station number	Latitude °	0:N+E 1:N+W 2:S+E 3:S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
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Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		↓	↓	↓	↓	↓	↓	
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	
		↓	↓	↓	↓	↓	↓	

77 13 0039 .

11 0015	02 50		14 12		0 08			06
11 0020	02 99		17 07		0 07	8 20		06
11 0030	05 85		19 64		0 74	8 19		06
11 0040	05 83		19 79		0 74	8 06		06
11 0050	06 24		19 85		0 75	8 06		06
						8 07		

77 13 0040	57 52	0	11 18	964	03 16	12 0092		
12 0000	00 59		09 98	411	0 04			06
12 0005	00 44		10 40		0 04	8 24		06
12 0010	00 75		11 24	418	0 02	8 29		06
12 0015	02 47		14 18		0 02	8 29		06
12 0020	04 23		18 62		0 46	8 20		06
12 0030	07 09		19 84	275	0 67	8 06		06
12 0040	07 01		19 88		0 73	8 04		06
12 0050	07 01		19 92	286	0 82	8 08		06
12 0060	06 33		19 90		0 87	8 08		06
12 0070	06 18		19 88	288	0 91	8 08		06
12 0080	06 13		19 89		0 93	8 07		06
12 0090	06 13		19 89	288	0 91	8 08		06
						8 08		

77 13 0041	57 50	0	11 04	964	03 16	13 0049		
13 0000	00 86		09 20		0 00			06
13 0005	00 51		09 53		0 00	8 30		06
13 0010	00 90		11 31		0 00	8 29		06
13 0015	00 93		13 64		0 03	8 31		06
						8 25		

Country	Ship	Station number	Latitude			Longitude			Year	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W	0	1					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	

77 13 0049

01	0100	06 83	19 86	289	0 65			06
01	0150	07 09	19 92		0 60			06
01	0200	07 03	19 94	270	0 72			06
01	0300	06 49	19 92	274	0 78			06
01	0400	05 32	19 89	275	0 75			06
01	0500	04 74	19 87	282	0 76			06
01	0600	04 60	19 86	286	0 83			06

77 13 0050 58 02 0 09 25 964 03 17 03 0470

03	0000	03 77	18 57		0 45			06
03	0010	04 63	19 40		0 38			06
03	0020	05 17	19 47		0 45			06
03	0030	05 41	19 59		0 50			06
03	0040	06 58	19 75		0 64			06
03	0050	06 52	19 76		0 65			06
03	0060	06 48	19 77		0 69			06
03	0070	06 42	19 86		0 73			06
03	0085 Q	07 03	19 90		0 74			06
03	0110 Q	07 05	19 93		0 80			06
03	0130 Q	07 05	19 96		0 71			06
03	0170 Q	06 99	19 96		0 69			06
03	0250 Q	06 12	19 94		0 68			06
03	0040 Q	05 07	19 90		0 82			06
03	0380 Q	04 94	19 89		0 86			06

Country	Ship	Station number	Latitude °	0: N-E 1: N-W 2: S-E 3: S-W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval /dm ³	
77 13 0052		58 09		0 10 06	964	03 17		07 0280		
08 0000		03 11		16 67		0 30				06
08 0005		04 49		19 25		0 39				06
08 0010		04 82		19 44		0 48				06
08 0015		05 69		19 60		0 58				06
08 0020		05 93		19 64		0 54				06
08 0030		06 13		19 72		0 61				06
08 0040		06 02		19 75		0 73				06
08 0050		06 11		19 78		0 70				06
08 0060		07 04		19 88		0 70				06
08 0070		07 08		19 90		0 74				06
07 0080		07 03		19 90		0 71				06
07 0090		07 00		19 91		0 68				06
07 0100		06 97		19 91		0 76				06
07 0125		07 12		19 94		0 73				06
07 0150		06 94		19 97		0 74				06
07 0200		06 48		19 92		0 80				06
07 0250		05 16		19 90		0 77				06
77 13 0055		58 16		0 10 44	964	03 17		12 0210		
13 0000		01 90		12 65		0 10				06
13 0005		02 01		13 86		0 11				06
13 0010		02 04		16 68		0 09				06
13 0015		02 28		17 55		0 15				06
13 0020		03 36		18 46		0 37				06
13 0030		05 25		19 29		0 48				06

Country	Ship	Station number	Latitude		Longitude		Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E 1:N+W 2:S+E 3:S+W								

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 13 0055

13 0040	06 37	19 61		0 61			06
13 0050	07 02	19 78		0 66			06
13 0060	07 27	19 86		0 66			06
13 0070	07 38	19 91		0 71			06
12 0080	07 37	19 90		0 74			06
12 0090	07 35	19 90		0 78			06
12 0100	07 39	19 92		0 73			06
12 0125	07 29	19 94		0 79			06
12 0150	07 25	19 96		0 77			06
12 0200		19 93		0 82			06

77 13 0058 58 20 0 11 02 964 03 17 15 0079

15 0000	00 69	11 18		0 02			06
15 0005	00 71	11 19		0 00			06
15 0010	00 72	11 23		0 03			06
15 0015	01 33	13 65		0 03			06
15 0020	01 65	15 42		0 05			06
15 0030	06 13	19 61		0 67			06
15 0040	06 63	19 81		0 68			06
15 0050	06 77	19 87		0 79			06
15 0060	06 69	19 88		0 79			06
15 0070	06 37	19 88		0 90			06

Country	Ship	Station number	Latitude °	0-N+E 1-N+W 2-S+E 3-S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
		Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
				Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	
77	13	0060	58 20	0	11 10	964	03 17	17	0056	
	17	0000	00 69		11 32		0 00			06
	17	0005	00 62		11 32		0 00			06
	17	0010	00 82		11 39		0 02			06
	17	0015	01 38		14 13		0 00			06
	17	0020	03 69		18 07		0 29			06
	17	0030	06 59		19 80		0 65			06
	17	0040	06 65		19 88		0 68			06
	17	0050	06 48		19 88		0 83			06
77	13	0078	58 20	0	11 10	964	06 23	12	0056	
	12	0000	14 96		12 99		0 31			06
	12	0005	14 74		13 04		0 26			06
	12	0010	13 44		17 00		0 28			06
	12	0015	12 70		18 01		0 13			06
	12	0020	12 29		18 56		0 26			06
	12	0030	11 60		18 83		0 28			06
	12	0040	11 58		18 99		0 34			06
	12	0050	09 93		19 37		0 56			06
77	13	0079	58 20	0	11 06	964	06 23	13	0055	
	13	0000	14 99		12 90		0 34			06
	13	0005	14 38		13 93		0 74			06
	13	0010	13 25		17 33		0 23			06
	13	0015	12 97		17 76		0 13			06
	13	0020	12 44		18 45		0 18			06

Country	Ship	Station number	Latitude			Longitude			Year 1	Month	Day	Stat. time	Depth to bottom m
			0:N+E	1:N+W	2:S+E	3:S+W	0:N+E	1:N+W					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³	

77 13 0079								
13 0030	11 60	18 82			0 23			06
13 0040	11 18	19 06			0 34			06
13 0050	09 56	19 48			0 61			06
77 13 0080	58 20	0 11 02	964	06 23	14 0082			
15 0000	15 13	12 80			0 13			06
15 0005	13 92	15 06			0 13			06
15 0010	13 33	17 13			0 20			06
15 0015	12 66	18 23			0 18			06
15 0020	11 76	18 68			0 28			06
15 0030	11 50	18 96			0 23			06
14 0040	10 54	19 18			0 31			06
14 0050	09 33	19 65			0 48			06
14 0060	09 27	19 70			0 41			06
14 0070	08 73	19 70			0 51			06
14 0080	08 76	19 70			0 86			06
77 13 0081	58 19	0 10 57	964	06 23	16 0115			
16 0000	14 85	13 76			0 18			06
16 0005	13 32	16 89			0 13			06
16 0010	13 07	17 43			0 13			06
16 0015	12 18	18 41			0 10			06
16 0020	11 26	19 17			0 23			06
16 0030	09 75	19 67			0 34			06
16 0040	09 21	19 70			0 41			06

Country	Ship	Station number	Latitude		Longitude		Year	Month	Day	Stat. time	Depth to bottom m
			0:0+E	1:0+W	2:0+E	3:0+W					

Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval /dm ³	

77 13 0081

16 0050	08 92	19 70		0 58				06
16 0060	08 88	19 71		0 56				06
16 0070	08 29	19 76		0 61				06
16 0080	07 90	19 79		0 71				06
16 0090	07 53	19 81		0 86				06
16 0100	07 53	19 81		0 86				06

77 13 0082 58 18 0 10 49 964 06 23 17 0165

18 0000	13 71	16 63		0 11				06
18 0005	13 69	16 63		0 05				06
18 0010	13 15	17 16		0 03				06
18 0015	10 62	19 46		0 08				06
18 0020	10 00	19 65		0 31				06
18 0030	09 58	19 71		0 41				06
18 0040	08 97	19 75		0 34				06
17 0050	08 50	19 78		0 38				06
17 0060	07 94	19 81		0 34				06
17 0070	07 55	19 80		0 46				06
17 0080	07 53	19 85		0 58				06
17 0090	06 97	19 86		0 69				06
17 0100	06 69	19 85		0 66				06
17 0125	06 36	19 87		0 99				06
17 0150	06 53	19 92		1 30				06

Country	Ship	Station number	Latitude °	0:N+E	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
				1:N+W						
Obs. time	Obs. depth m	Temperature °C		Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³		Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code
		Nitrate-N μg.-atoms/dm ³		Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³		pH	Alkalinity μval/dm ³	

77 13 0084

20 0060	06 89		19 92				1 12			06
20 0070	06 66		19 94				1 37			06
20 0080	06 55		19 96				1 45			06
20 0090	06 31		19 96				1 42			06
20 0100	06 41		19 96				1 52			06
20 0125	06 24		19 96				1 45			06
20 0150	06 28		19 97				1 57			06
20 0200	05 97		19 96				1 55			06
20 0270	05 81		19 96				1 67			06

77 13 0085 58 16 0 10 11 964 06 23 22 0420

23 0000	13 33		16 73				0 23			06
23 0005	13 30		16 74				0 13			06
23 0010	12 53		17 39				0 00			06
23 0015	11 17		19 08				0 11			06
23 0020	09 78		19 20				0 08			06
23 0030	07 66		19 75				0 48			06
23 0040	06 96		19 84				0 94			06
23 0050	06 43		19 83				1 14			06
23 0060	06 47		19 86				1 37			06
22 0070	06 45		19 86				1 55			06
22 0080	06 57		19 88				1 42			06
22 0090	06 65		19 91				1 34			06
22 0100	06 53		19 92				1 37			06
22 0125	06 65		19 93				1 37			06

Country	Ship	Station number	Latitude °	0: N+E 1: N+W 2: S+E 3: S+W	Longitude °	Year 1	Month	Day	Stat. time	Depth to bottom m
Obs. time	Obs. depth m	Temperature °C	Chlorosity g./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Card code		
		Nitrate-N μg.-atoms/dm ³	Nitrite-N μg.-atoms/dm ³	Ammonium-N μg.-atoms/dm ³	Organic N μg.-atoms/dm ³	pH	Alkalinity μval/dm ³			

77 13 0085

22 0150	05 94	19 92			1 30			06
22 0200	05 86	19 94			1 34			06
22 0300	05 60	19 94			1 62			06
22 0400	05 00	19 91			2 36			06

