



Det här verket har digitaliserats vid Göteborgs universitetsbibliotek och är fritt att använda. Alla tryckta texter är OCR-tolkade till maskinläsbar text. Det betyder att du kan söka och kopiera texten från dokumentet. Vissa äldre dokument med dåligt tryck kan vara svåra att OCR-tolka korrekt vilket medför att den OCR-tolkade texten kan innehålla fel och därför bör man visuellt jämföra med verkets bilder för att avgöra vad som är riktigt.

This work has been digitized at Gothenburg University Library and is free to use. All printed texts have been OCR-processed and converted to machine readable text. This means that you can search and copy text from the document. Some early printed books are hard to OCR-process correctly and the text may contain errors, so one should always visually compare it with the images to determine what is correct.



14 JUNI 1971

Ödsmål. Kville sn, Bohuslän

Hällristning
Fiskare från
bronsåldern

Rock carving
Bronze age
fishermen



**MEDDELANDE från
HAVSFISKELABORATORIET • LYSEKIL**

nr
85

Hydrografiska avdelningen, Göteborg.

Hydrographical Data

1966

R.V. Skagerak

R.V. Thetis

April 1970

HYDROGRAPHICAL DATA

1966

R/V SKAGERAK

R/V THETIS

Contents

	Pages
Introduction	III-VII
Track Charts	
"Skagerak"	VIII-X
"Thetis"	XI-XIII
Data Lists	
"Skagerak"	
Temperature and salinity	1- 59
Chemical observations	61-141
"Thetis"	
Temperature and salinity	143-209
Chemical observations	211-255

INTRODUCTION

This volume contains data from hydrographic stations worked in 1966 by Swedish research vessels.

In the 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. With regard to the "Skagerak" stations it should be mentioned that a station following immediately after st.no. 9 has been numbered 1009.

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	in metres	Height ^{*)}	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°

VI

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

VII

- 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:

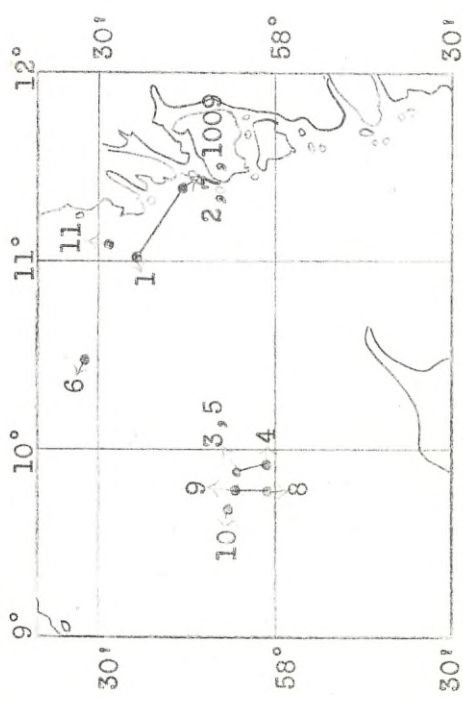
- 06 - Chemical data observed
- 16 - Chemical data interpolated

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

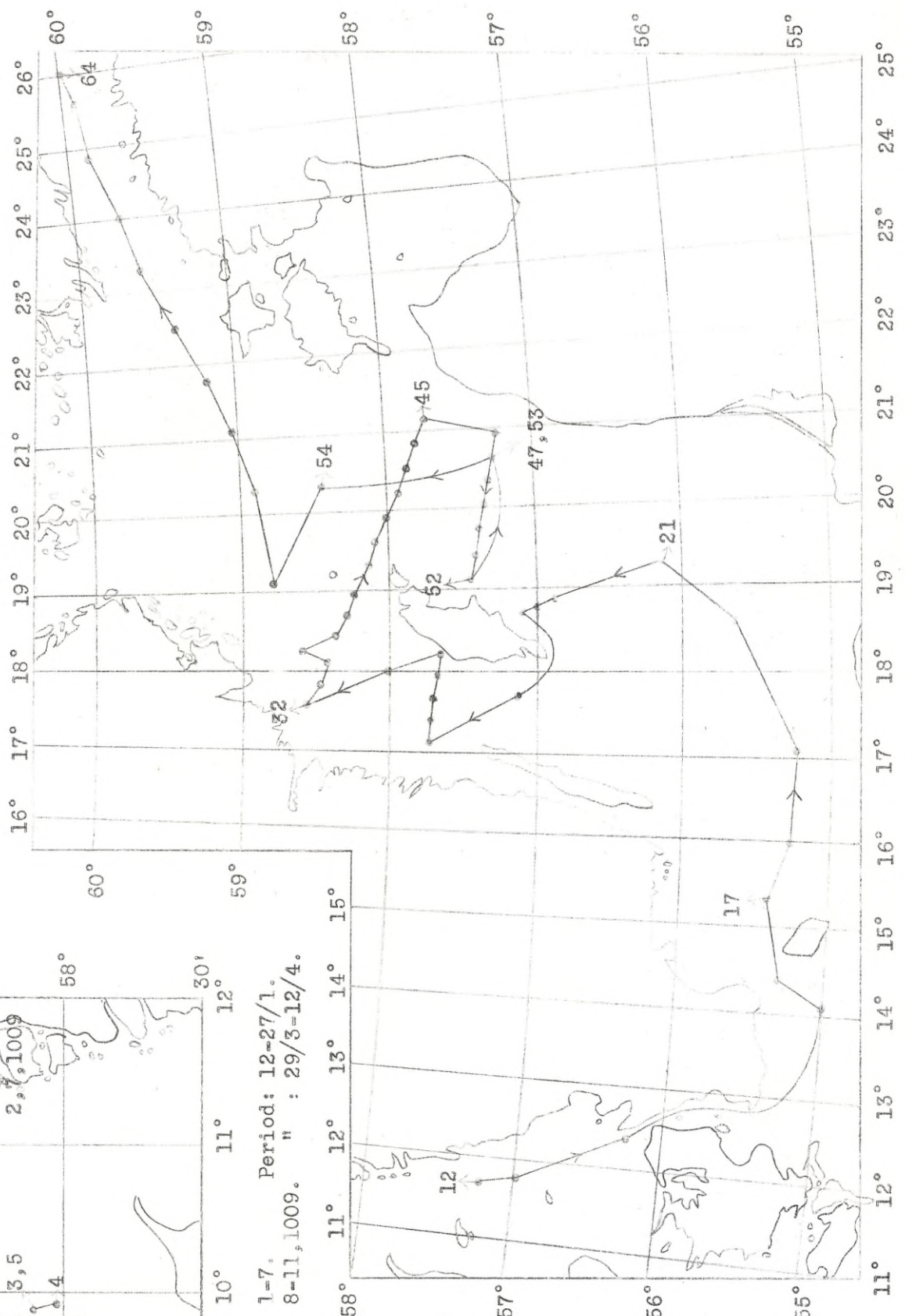
The suffix Q at a figure indicates that the figure is questionable.

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

"Skagerak".

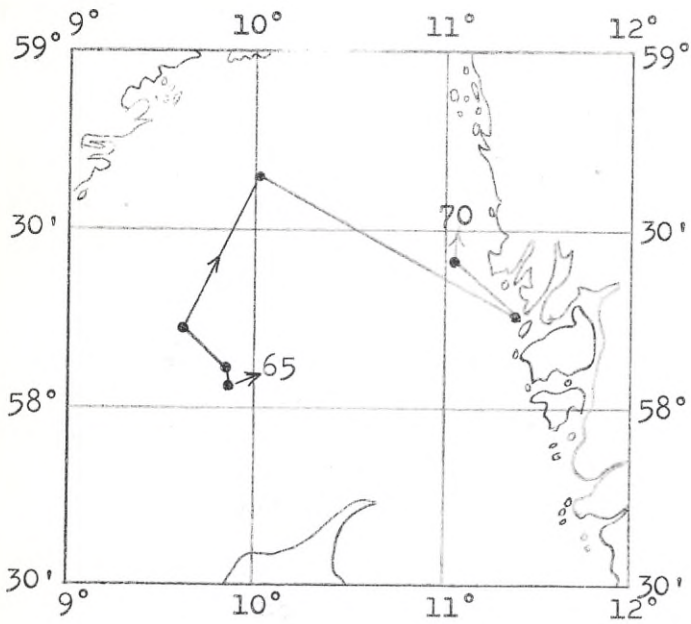


Stat. Nos. 1-7. Period: 12-27/1.
 " " 8-11, 1009. " : 29/3-12/4.
 Pages 3-6.

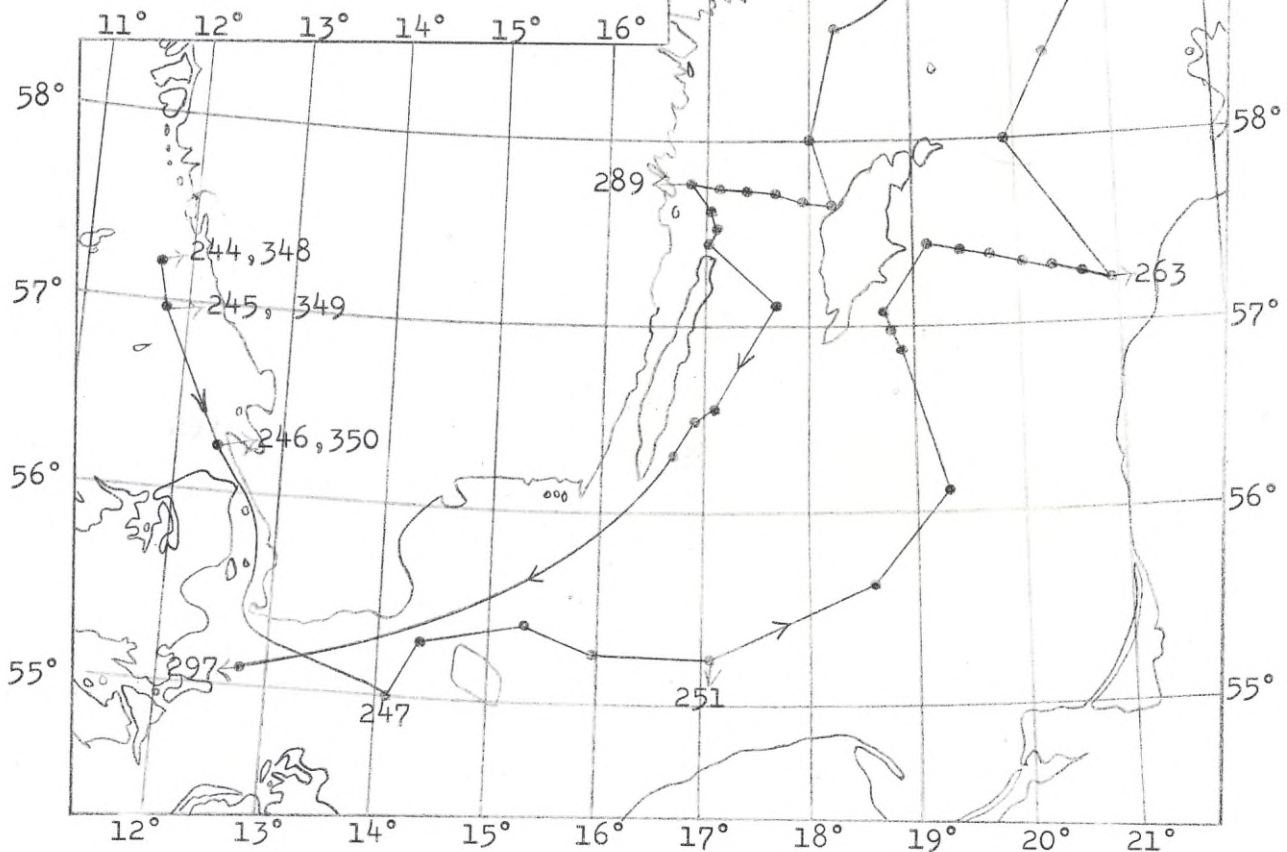
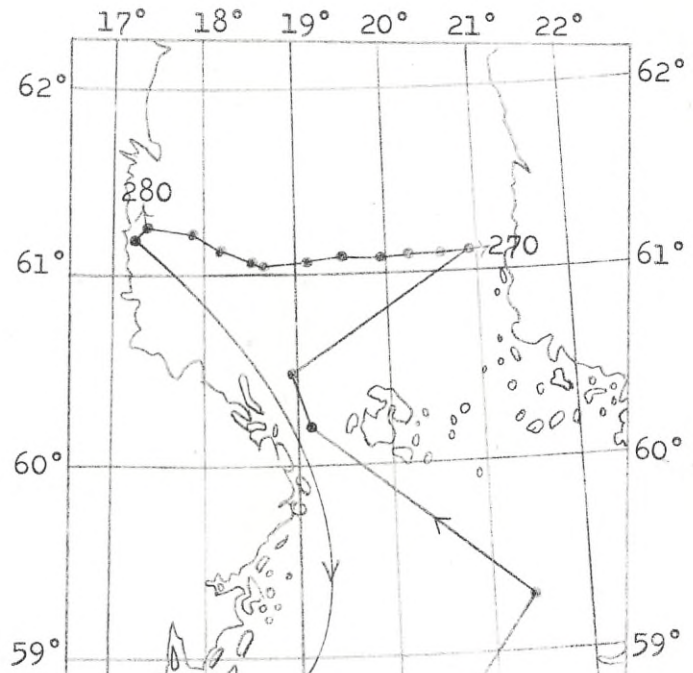


Stat. Nos. 12-64. Period: 6-21/5. Pages 6-23, 63-91.

"Skagerak".

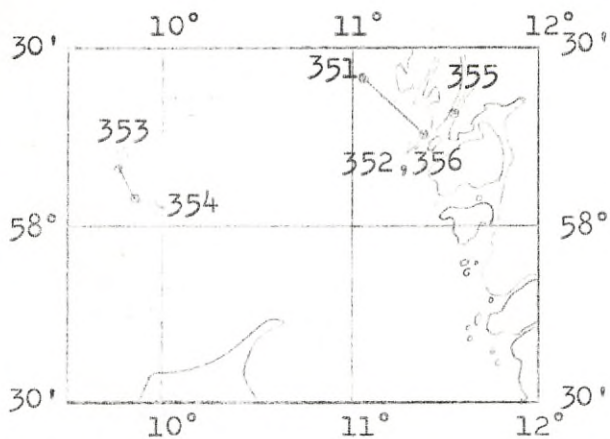


Stat. Nos. 65-70. Period: 3-14/6.
Pages 23-25.

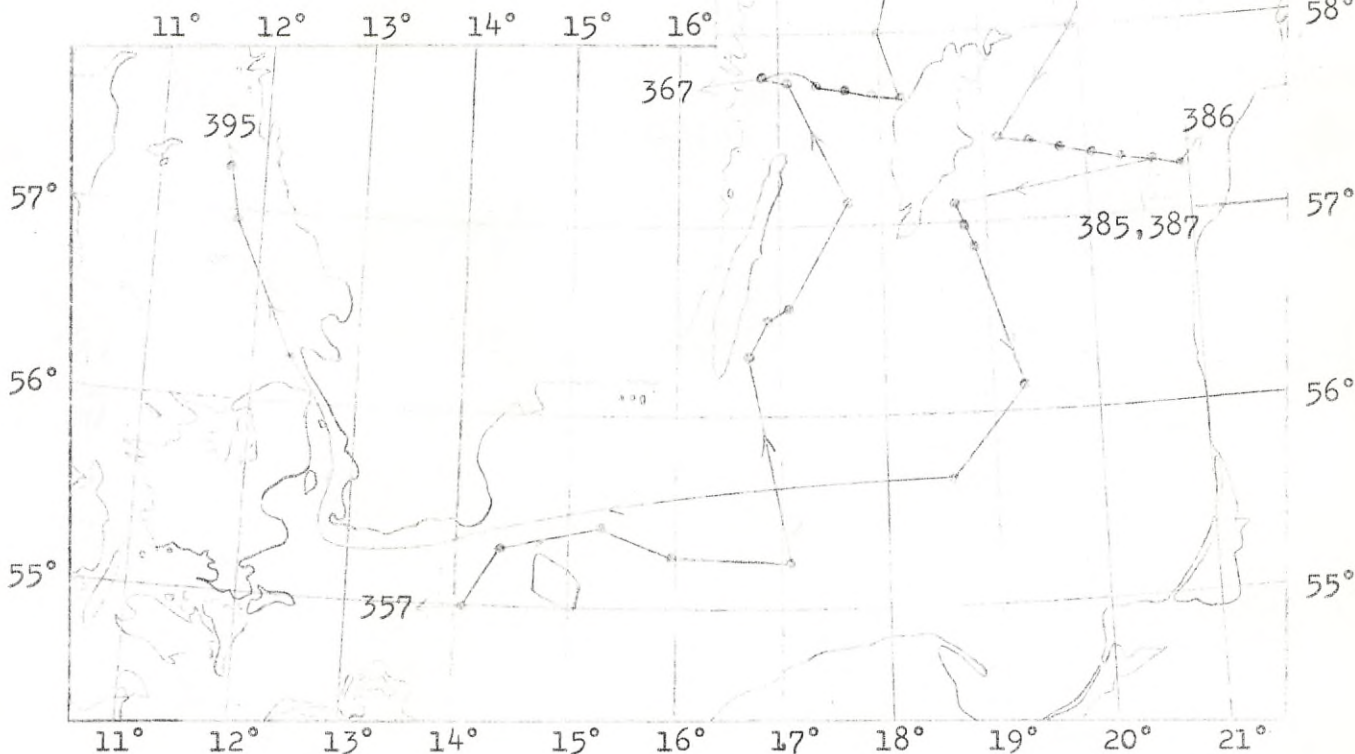
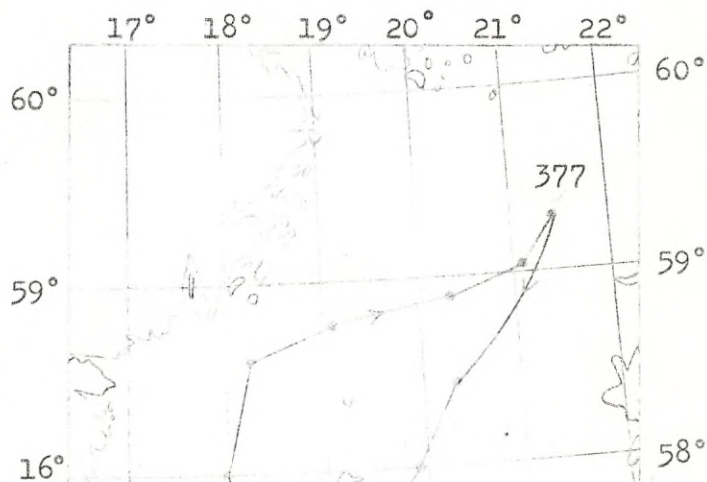


Stat. Nos. 244-297. Period: 22/8-1/9. Pages 25-42, 91-119.
" " 348-350. " : 27-28/9. " 42-43, 119-120.

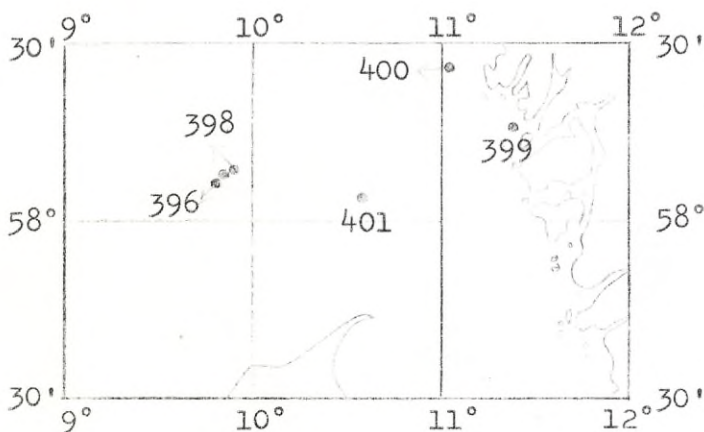
"Skagerak".



Stat. Nos. 351-356. Period: 11-28/10.
Pages 43-45.

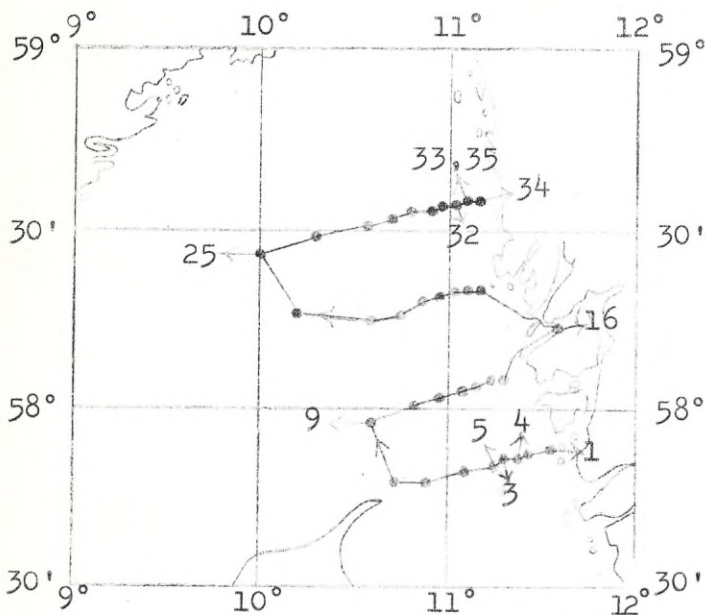


Stat. Nos. 357-395. Period: 15-25/11. Pages 45-58, 120-141.

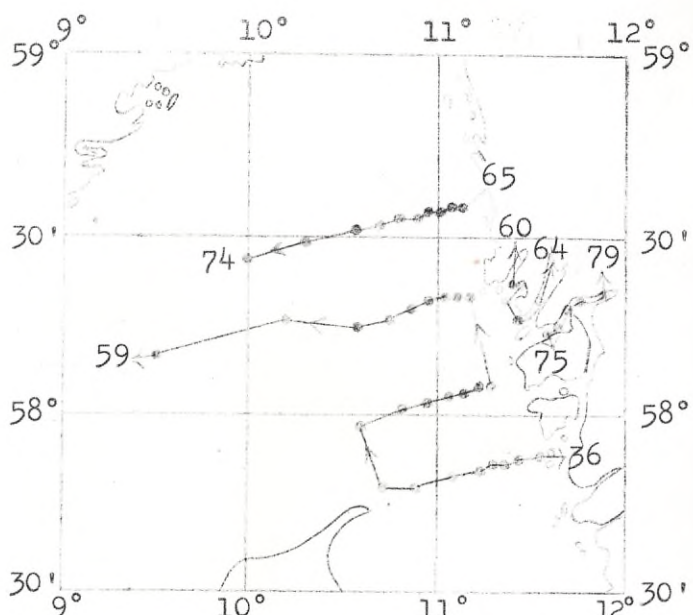


Stat. Nos. 396-401. Period: 1-15/12.
Pages 58-59.

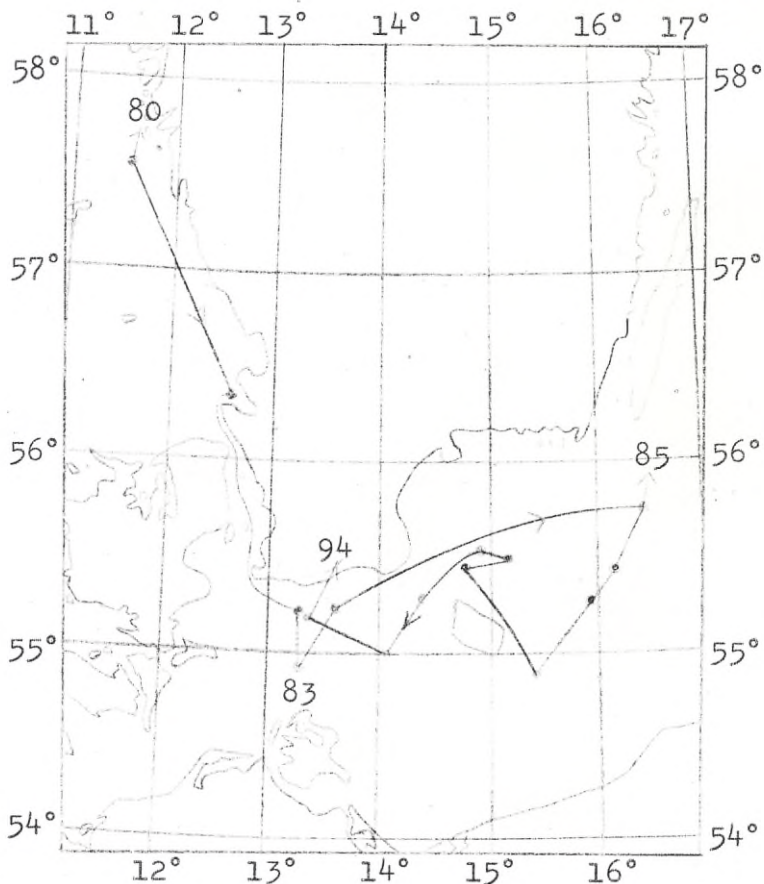
"Thetis".



Stat. Nos. 1-34. Period: 24-27/1.
 Pages 145-156, 213-226.
 Stat. No. 35. Date: 16/3. Page 156.

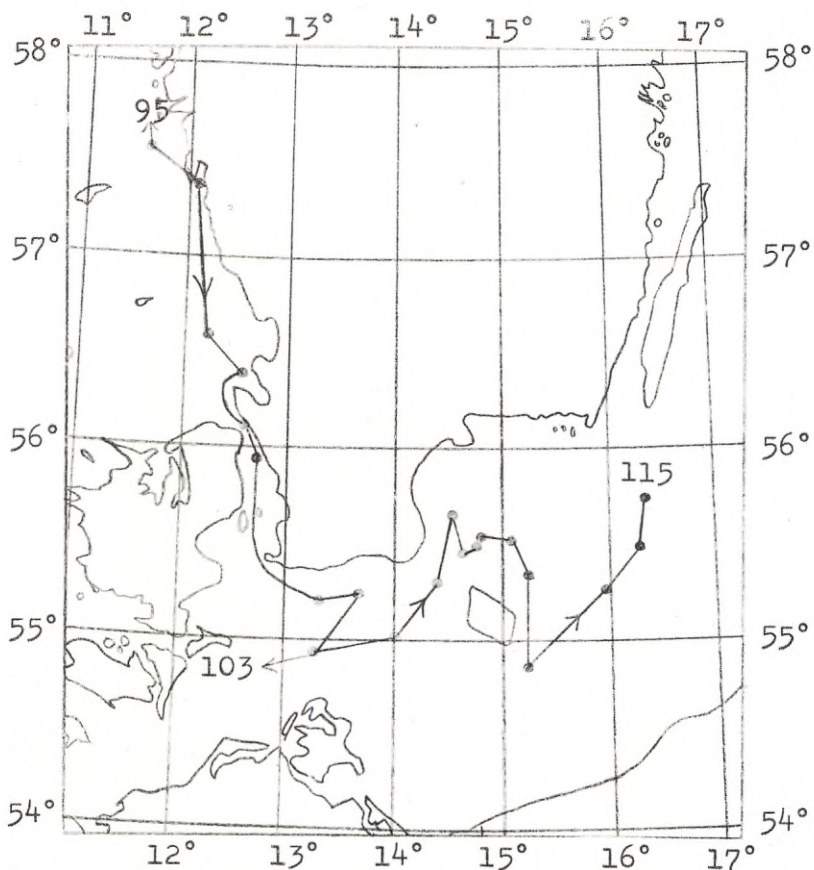


Stat. Nos. 36-64. Period: 29/3-1/4.
 Pages 156-166, 226-237.
 Stat. Nos. 65-74. Date: 4/4. Pp.166-169.
 Stat. Nos. 75-79. Date: 5/4.
 Pages 169-171, 237-239.

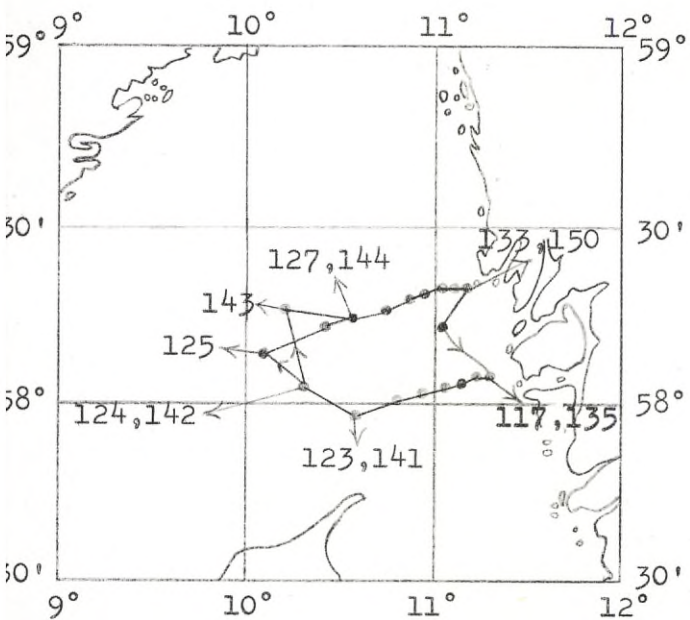


Stat. Nos. 80-94. Period: 14-28/4.
 Pages 171-174.

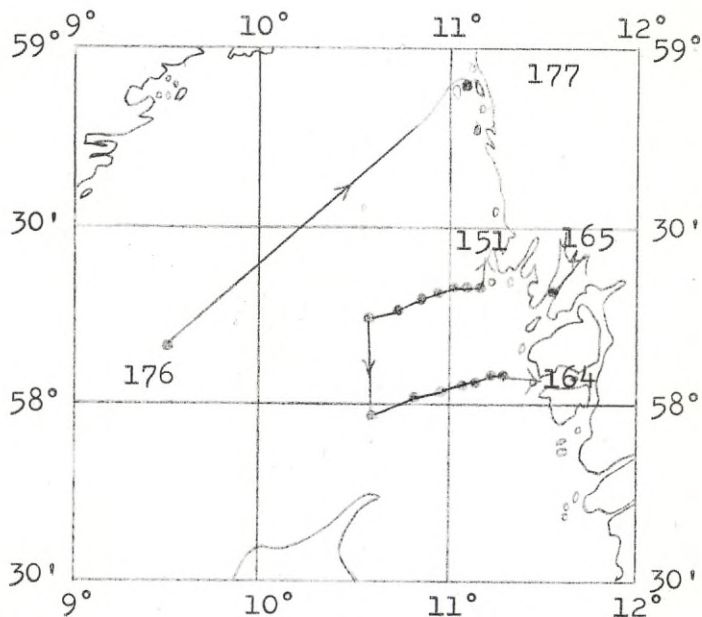
"Thetis".



Stat. Nos. 95-115. Period: 1-12/9.
Pages 174-179.

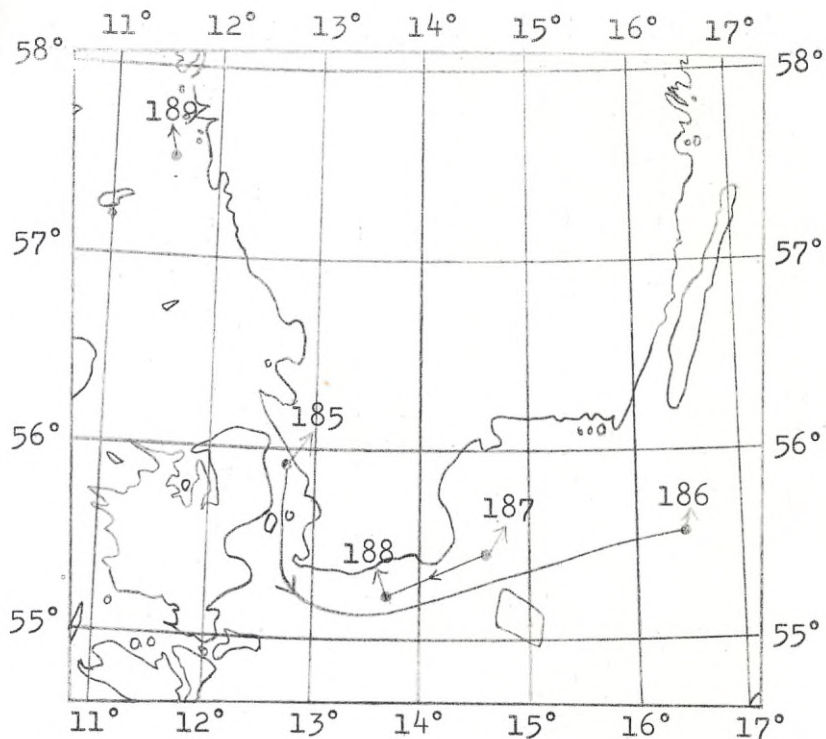


Stat. Nos. 117-150. Period: 3-5/10.
Pages 179-191.

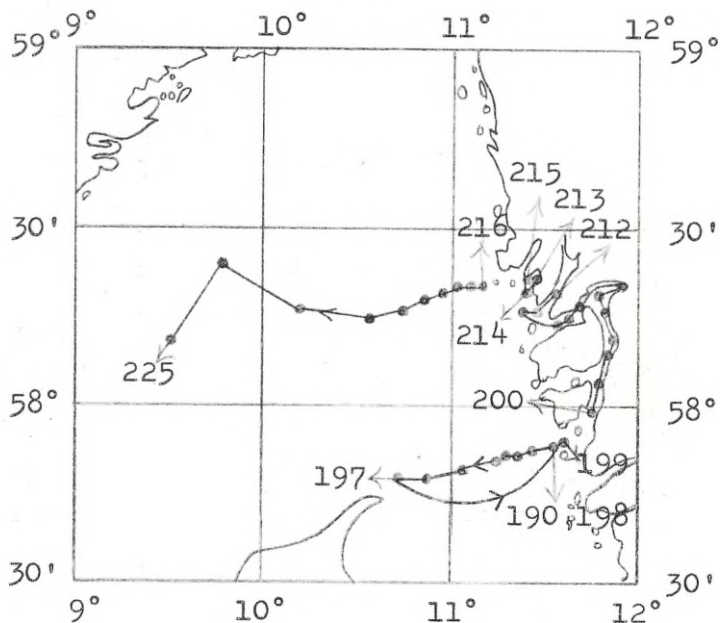


Stat. Nos. 151-165. Period: 6-12/10.
" " 176-177. " 18-19/10.
Pages 191-198.

"Thetis".



Stat. Nos. 185-189. Period: 16-22/11.
Pages 198-199.



Stat. Nos. 190-225. Period: 12-16/12.
Pages 199-209, 239-255.

"Skagerak"

Temperature and Salinity

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 0004

07	0075	05	28		34	619			27	35			3	0	03
07	0100	05	39		34	690			27	40			3	0	03
07	0125	05	41		34	703			27	40			3	0	03
07	0150	06	01		34	870			27	47			3	0	03

77	11	0005	58	06	0	09	51		66	01	25	07	1	5	3	0
		0355	01						27	06		008				

07	0000	03	68		33	487			26	64			3	0	03
07	0010	04	56		33	887			26	87			3	0	03
07	0025	05	58		34	585			27	30			3	0	03
07	0050	05	18		34	593			27	35			3	0	03
07	0100	05	82		34	781			27	42			3	0	03
07	0150	05	80		34	859			27	49			3	0	03
07	0200	06	22		34	981			27	53			3	0	03
07	0250	06	48		35	101			27	58			3	0	03
07	0300	06	46		35	165			27	65			3	0	03
07	0350	06	13		35	165			27	69			3	0	03

77	11	0006	58	32	0	10	28		66	01	27	13	2	8	3	0
		0220	-02	5					11	10		000				

13	0000	-01	07												0	03
13	0010	-00	81		29	237			23	51			3	0	03	
13	0025	05	10		33	474			26	47			3	0	03	
13	0050	05	07		34	448			27	25			3	0	03	
13	0075	05	70		34	719			27	39			3	0	03	
13	0100	06	70		34	973			27	46			3	0	03	
13	0150	06	68		35	093			27	56			3	0	03	
13	0175	06	57		35	094			27	57			3	0	03	
13	0200	06	39		35	074			27	58			3	0	03	

77	11	0007	58	16	0	11	22		66	01	27	19	2	8	1	0
		0050	-03						14	12		019				

19	0000	-01	10		23	099			18	55			3	0	03
19	0005	-01	14		23	630			18	90			3	0	03
19	0010	-01	23		24	671			19	82			3	0	03
19	0015	-00	99		27	045			21	74			3	0	03
19	0020	00	72		30	290			24	29			3	0	03
19	0025	03	62		32	823			26	11			3	0	03
19	0030	05	27		33	892			26	79			3	0	03
19	0035	05	43		34	066			26	90			3	0	03
19	0040	05	56		34	226			27	01			3	0	03

77	11	0008	58	01	0	09	46		66	03	29	18	1	1	3	0
		0212	04						11	08		018				

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	0010											
	13	0300	04 21		34 986		27 77				3 0	03	
	13	0400	03 98		34 942		27 76				3 0	03	
	13	0500	03 82		34 919		27 76				3 0	03	
77	11	0011	58 28	0	11 05		66 04		12 15		1 6	3 0	
		0058	00				05 18			013			
	15	0000	03 01		24 399		19 47				3 0	03	
	15	0005	02 98		24 222		19 33				3 0	03	
	15	0010	03 00		24 404		19 47				3 0	03	
	15	0020	02 69		32 212		25 71				3 0	03	
	15	0030	03 04		33 239		26 49				3 0	03	
	15	0040	03 18		33 511		26 70				3 0	03	
	15	0050	03 35		33 845		26 96				3 0	03	
	15	0055	03 63		34 425		27 39				3 0	03	
77	11	0012	57 12	0	11 40		66 05		06 17		2 8	2 0	
		0075	08				23 06			000			
	17	0000	07 93		17 67		13 76		07 63		1 3	03	
	17	0005	05 27		21 32		16 87				1 3	03	
	17	0010	03 73		28 65		22 79		07 91		1 3	03	
	17	0015	03 43		32 90		26 19				1 3	03	
	17	0020	03 97		34 08		27 08				1 3	03	
	17	0030	04 37		34 65		27 49		06 58		1 3	03	
	17	0040	04 57		34 74		27 53				1 3	03	
	17	0050	04 49		34 76		27 56		06 55		1 3	03	
	17	0060	04 55		34 80		27 58		06 50		1 3	03	
	17	0070	04 57		34 92		27 68		06 34		1 3	03	
77	11	0013	56 58	0	11 46		66 05		06 19		1 6	2 0	
		0099	07				23 06			004			
	19	0000	07 21		18 43		14 42		07 89		1 3	03	
	19	0005	06 96		18 51		14 51				1 3	03	
	19	0010	03 86		28 38		22 56		08 08		1 3	03	
	19	0015	03 46		32 92		26 20				1 3	03	
	19	0020	03 47		33 37		26 56				1 3	03	
	19	0030	03 57		33 89		26 88		06 25		1 3	03	
	19	0040	03 74		34 10		27 17				1 3	03	
	19	0050	03 83		34 26		27 23		06 31		1 3	03	
	19	0060	04 02		34 39		27 32				1 3	03	
	19	0070	04 06		34 52		27 42		06 35		1 3	03	
	19	0080	04 11		34 57		27 45		06 33		1 3	03	
	19	0090	04 14		34 57		27 45		06 33		1 3	03	
77	11	0014	56 14	0	12 22		66 05		07 02		1 4	1 0	
		0023	08				20 04			004			

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	0N+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 0014

02	0000	07 52		15 11	11 81	08 04			1 3 03
02	0005	07 36		15 40	12 05				1 3 03
02	0010	04 15		28 86	22 92	06 80			1 3 03
02	0015	04 04		33 79	26 84				1 3 03
02	0020	04 01		33 80	26 85	05 66			1 3 03

77 11 0015

	0048	55 00	0	14 05	66 05	07 14			1 2 1 0
		08 5			09 04	012			
14	0000	03 72		07 67	06 15	09 38			1 3 03
14	0005	03 68		07 64	06 13				1 3 03
14	0010	03 23		07 65	06 15	09 16			1 3 03
14	0015	03 06		07 65	06 15				1 3 03
14	0020	03 05		07 67	06 17				1 3 03
14	0030	02 00		07 84	06 31	09 23			1 3 03
14	0040	01 54		08 46	06 80	08 66			1 3 03
14	0045	01 99		14 21	11 41	06 10			1 3 03

77 11 0016

	0048	55 18	0	14 24	66 05	07 16			1 4 1 0
		06			09 02	004			
16	0000	02 84		07 17	05 79	09 46			1 3 03
16	0005	02 88		07 17	05 79				1 3 03
16	0010	02 80		07 31	05 89	09 50			1 3 03
16	0015	02 65		07 44	06 00				1 3 03
16	0020	02 37		07 63	06 14				1 3 03
16	0030	01 79		07 83	06 30	09 21			1 3 03
16	0040	01 73		07 86	06 33	08 98			1 3 03
16	0045	01 67		09 11	07 32	07 96			1 3 03

77 11 0017

	0090	55 23	0	15 20	66 05	07 20			1 6 1 0
		05			11 08	022			
20	0000	02 13		07 13	05 75	09 67			1 3 03
20	0005	02 16		07 13	05 75				1 3 03
20	0010	02 18		07 13	05 75	09 70			1 3 03
20	0015	02 11		07 12	05 75				1 3 03
20	0020	02 08		07 12	05 74				1 3 03
20	0030	01 81		07 15	05 76	09 74			1 3 03
20	0040	01 47		07 27	05 85				1 3 03
20	0050	01 33		07 63	06 13	09 26			1 3 03
20	0060	02 72		13 21	10 59	07 56			1 3 03
20	0070	06 69		14 64	11 51	02 04			1 3 03
20	0080	07 26		15 40	12 06	01 71			1 3 03
20	0085	08 21		16 10	12 51	00 46			1 3 03

77 11 0018

	0093	55 15	0	15 59	66 05	07 22			1 6 1 0
		05			11 08	034			

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 0018

22 0000	02 45	07 27	05 86	09 57	1 3 03
22 0005	02 43	07 27	05 86	09 65	1 3 03
22 0010	02 41	07 27	05 86	09 71	1 3 03
22 0015	02 37	07 26	05 86	09 61	1 3 03
22 0020	02 39	07 28	05 87	09 61	1 3 03
22 0030	02 33	07 28	05 87	09 57	1 3 03
22 0040	01 20	07 45	05 99	09 44	1 3 03
22 0050	01 17	07 55	06 08	09 29	1 3 03
22 0060	01 56	11 58	09 31	08 23	1 3 03
22 0070	02 40	13 06	10 49	07 43	1 3 03
22 0080	07 25	15 17	11 87	02 05	1 3 03
22 0090	08 15	16 27	12 64	00 33	1 3 03

77 11 0019 55 13 0 17 04 66 05 08 03 2 7 1 0
0073 05 05 06 025

03 0000	02 74	07 39	05 86	09 58	1 3 03
03 0005	02 69	07 39	05 86		1 3 03
03 0010	02 66	07 39	05 86	09 58	1 3 03
03 0015	02 63	07 38	05 86		1 3 03
03 0020	02 58	07 38	05 86		1 3 03
03 0030	02 05	07 43	05 99	09 50	1 3 03
03 0040	01 56	07 57	06 00	08 71	1 3 03
03 0050	01 87	07 92	06 37	07 44	1 3 03
03 0060	02 22	08 53	06 85	07 17	1 3 03
03 0070	01 98	09 72	07 81	07 56	1 3 03

77 11 0020 55 38 0 18 36 66 05 08 09 2 7 2 0
0098 06 34 08 026

09 0000	02 48	07 57	06 11	09 66	1 3 03
09 0005	02 50	07 57	06 11		1 3 03
09 0010	02 50	07 57	06 11	09 67	1 3 03
09 0015	02 41	07 57	06 11		1 3 03
09 0020	02 42	07 57	06 11		1 3 03
09 0030	02 28	07 57	06 11	09 62	1 3 03
09 0040	01 96	07 59	06 12		1 3 03
09 0050	01 89	07 62	06 13	09 45	1 3 03
09 0060	01 83	07 95	06 37	07 98	1 3 03
09 0070	04 05	09 42	07 54	03 69	1 3 03
09 0080	04 59	10 43	08 33	01 52	1 3 03
09 0090	04 93	10 96	08 73	01 30	1 3 03

77 11 0021 56 07 0 19 19 66 05 08 13 1 3 2 0
0115 08 32 06 004

13 0000 03 27 07 58 06 11 08 57 1 3 03

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	,									
			Temperature °C Dry ↓ bulb	ON+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 0021

13	0005	02 25		07 58	06 11				1 3 03
13	0010	02 96		07 58	06 11	09 88			1 3 03
13	0015	02 61		07 58	06 11				1 3 03
13	0020	02 54		07 57	06 11				1 3 03
13	0030	02 46		07 57	06 11	09 59			1 3 03
13	0040	02 38		07 59	06 11				1 3 03
13	0050	01 77		07 63	06 14	09 31			1 3 03
13	0060	01 94		08 05	06 47	08 09			1 3 03
13	0070	04 19		10 12	08 10	02 81			1 3 03
13	0080	04 76		10 75	08 57	02 94			1 3 03
13	0090	05 17		11 22	08 92	03 26			1 3 03
13	0100	05 14		11 51	09 15	03 19			1 3 03
13	0110	05 23		11 56	09 19	03 01			1 3 03

77 11 0022 56 51 0 18 52 66 05 08 18 1 2 1 0
0115 06 16 04 000

18	0000	04 05		07 46	06 00	10 03			1 3 03
18	0005	04 07		07 45	05 99				1 3 03
18	0010	02 91		07 45	06 01	10 13			1 3 03
18	0015	02 68		07 46	06 01				1 3 03
18	0020	02 38		07 48	06 03				1 3 03
18	0030	01 25		07 58	06 10	09 65			1 3 03
18	0040	01 00		07 62	06 12				1 3 03
18	0050	01 05		07 67	06 15	09 23			1 3 03
18	0060	01 61		07 82	06 29	08 57			1 3 03
18	0070	03 99		09 19	07 36	03 89			1 3 03
18	0080	04 39		09 92	07 93	02 33			1 3 03
18	0090	04 64		10 57	08 44	01 24			1 3 03
18	0100	05 18		11 31	08 99	01 03			1 3 03
18	0110	05 34		11 77	09 35	00 89			1 3 03

77 11 0023 56 59 0 18 47 66 05 08 19 1 4 1 0
0073 05 16 04 009

19	0000	03 68		07 33	05 90	09 74			1 3 03
19	0005	03 61		07 33	05 90				1 3 03
19	0010	03 31		07 33	05 91	09 73			1 3 03
19	0015	02 84		07 34	05 92				1 3 03
19	0020	02 37		07 43	05 99				1 3 03
19	0030	01 54		07 53	06 07	09 64			1 3 03
19	0040	01 06		07 63	06 13				1 3 03
19	0050	01 08		07 68	06 17	09 18			1 3 03
19	0060	01 55		07 85	06 31	08 12			1 3 03
19	0070	04 14		09 23	07 39	04 25			1 3 03

77 11 0024 57 05 0 18 42 66 05 08 20 2 7 1 0
0025 05 14 04 007

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 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												
	20 0000	03 67		07 24	05 83		09 49			1 3 03			
	20 0005	03 70		07 26	05 84					1 3 03			
	20 0010	03 54		07 24	05 84		09 60			1 3 03			
	20 0015	02 98		07 25	05 85					1 3 03			
	20 0020	01 34		07 41	05 95		09 88			1 3 03			
77 11	0025	57 07	0	17 40	66 05		09 01			1 2 1 0			
	0107	04			32 02		021						
	01 0000	02 06		06 87	05 55		10 21			1 3 03			
	01 0005	02 00		06 86	05 54					1 3 03			
	01 0010	02 01		06 86	05 54		10 23			1 3 03			
	01 0015	02 03		06 86	05 54					1 3 03			
	01 0020	01 95		06 86	05 53					1 3 03			
	01 0030	01 28		06 93	05 57		10 02			1 3 03			
	01 0040	00 60		07 08	05 68					1 3 03			
	01 0050	00 73		07 20	05 78		09 31			1 3 03			
	01 0060	01 15		07 38	05 94		08 95			1 3 03			
	01 0070	03 14		08 41	06 77		04 90			1 3 03			
	01 0080	04 00		09 79	07 83		01 17			1 3 03			
	01 0090	04 23		10 21	08 17		00 36			1 3 03			
	01 0100	04 24		10 29	08 22		00 37			1 3 03			
77 11	0026	57 44	0	17 06	66 05		09 07			2 8 1 0			
	0069	04 5			07 04		016						
	07 0000	02 14		06 82	05 50		10 24			1 3 03			
	07 0005	02 10		06 82	05 50					1 3 03			
	07 0010	02 10		06 82	05 50		10 34			1 3 03			
	07 0015	02 07		06 82	05 50					1 3 03			
	07 0020	01 52		06 87	05 53					1 3 03			
	07 0030	00 91		06 93	05 57		10 13			1 3 03			
	07 0040	00 18		07 11	05 69					1 3 03			
	07 0050	00 17		07 42	05 94		09 07			1 3 03			
	07 0060	02 46		07 82	06 30		07 09			1 3 03			
77 11	0027	57 43	0	17 22	66 05		09 08			2 8 1 0			
	0140	05			09 04		021						
	08 0000	01 76		06 80	05 48		10 19			1 3 03			
	08 0005	01 80		06 80	05 48					1 3 03			
	08 0010	01 69		06 80	05 48		10 24			1 3 03			
	08 0015	01 65		06 81	05 49					1 3 03			
	08 0020	01 64		06 81	05 49					1 3 03			
	08 0030	00 69		06 90	05 54		10 00			1 3 03			
	08 0040	00 43		07 03	05 63					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: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 0027

08	0050	00 57		07 30	05 86	09 04			1 3 03
08	0060	01 16		07 50	06 03	08 52			1 3 03
08	0070	02 84		08 20	06 61	05 80			1 3 03
08	0080	04 94		09 66	07 71	01 60			1 3 03
08	0090	04 17		10 12	08 10	00 73			1 3 03
08	0100	04 26		10 32	08 25	00 37			1 3 03
08	0125	04 33		10 51	08 45	00 20			1 3 03

77	11	0028	57 42	0	17 39	66 05	09 10	2 7 1 0
		0082	05			09 04	010	

10	0000	02 18		06 73	05 43	10 30		1 3 03
10	0005	02 11		06 73	05 43			1 3 03
10	0010	02 07		06 73	05 43	10 35		1 3 03
10	0015	01 03		06 76	05 44			1 3 03
10	0020	01 22		06 77	05 45			1 3 03
10	0030	00 90		06 90	05 54	10 10		1 3 03
10	0040	00 37		07 05	05 65			1 3 03
10	0050	00 63		07 30	05 86	09 01		1 3 03
10	0060	02 10		07 83	06 30	07 32		1 3 03
10	0070	03 52		08 85	07 10	03 75		1 3 03
10	0080	04 01		09 87	07 90	01 22		1 3 03

77	11	0029	57 40	0	17 56	66 05	09 11	1 5 2 0
		0105	05			02 06	014	

11	0000	02 28		06 76	05 45	10 29		1 3 03
11	0005	02 23		06 73	05 43			1 3 03
11	0010	02 25		06 76	05 45	10 35		1 3 03
11	0015	01 93		06 79	05 47			1 3 03
11	0020	00 76		06 91	05 54			1 3 03
11	0030	00 33		07 06	05 65	09 66		1 3 03
11	0040	00 73		07 26	05 83			1 3 03
11	0050	01 25		07 43	05 98	08 96		1 3 03
11	0060	02 04		08 04	06 47	06 90		1 3 03
11	0070	03 27		08 93	07 18	04 30		1 3 03
11	0080	04 11		10 01	08 01	00 92		1 3 03
11	0090	04 32		10 36	08 29	00 43		1 3 03
11	0100	04 32		10 44	08 35	00 34		1 3 03

77	11	0030	57 39	0	18 12	66 05	09 12	1 4 2 0
		0096	05 4			05 08	000	

12	0000	02 43		06 76	05 45	10 27		1 3 03
12	0005	02 38		06 80	05 49			1 3 03
12	0010	02 36		06 80	05 49	10 34		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.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		

77 11 0030

12 0015	01 79	06 81	05 48									1 3 03
12 0020	01 60	06 92	05 57									1 3 03
12 0030	00 40	07 10	05 69	09 65								1 3 03
12 0040	00 49	07 39	05 93									1 3 03
12 0050	00 77	07 57	06 08	08 40								1 3 03
12 0060	03 02	08 15	06 55	05 82								1 3 03
12 0070	03 88	09 50	07 62	01 79								1 3 03
12 0080	04 22	10 18	08 14	00 55								1 3 03
12 0090	04 27	10 33	08 26	00 25								1 3 03

77 11 0031 58 00 0 18 00 66 05 09 15 2 8 2 0
0185 06 5 05 12 000

15 0000	02 57	06 70	05 40	10 08								1 3 03
15 0005	02 56	06 70	05 40									1 3 03
15 0010	02 46	06 70	05 40	10 26								1 3 03
15 0015	01 82	06 75	05 44									1 3 03
15 0020	01 30	06 79	05 46									1 3 03
15 0030	00 48	06 92	05 55	09 89								1 3 03
15 0040	00 54	07 00	05 61									1 3 03
15 0050	00 30	07 25	05 79	09 36								1 3 03
15 0060	00 45	07 47	05 99	08 99								1 3 03
15 0070	02 39	07 84	06 32	06 94								1 3 03
15 0080	03 27	09 00	07 23	03 91								1 3 03
15 0090	04 09	09 96	07 97	01 33								1 3 03
15 0100	04 25	10 30	08 24	00 55								1 3 03
15 0125	04 40	10 54	08 43	00 29								1 3 03
15 0150	04 41	10 61	08 47	00 34								1 3 03
15 0175 U	04 43	10 66	08 51	00 29								1 3 03

77 11 0032 58 33 0 17 32 66 05 09 19 2 8 2 0
0055 03 05 08 017

19 0000	02 14	06 56	05 29	10 11								1 3 03
19 0005	02 13	06 56	05 29									1 3 03
19 0010	02 12	06 55	05 29	10 15								1 3 03
19 0015	02 12	06 55	05 29									1 3 03
19 0020	00 67	06 65	05 33									1 3 03
19 0030	-00 02	06 90	05 51	09 79								1 3 03
19 0040	00 04	07 06	05 68									1 3 03
19 0050	00 59	07 43	05 96	08 61								1 3 03

77 11 0033 58 29 0 17 49 66 05 09 20 2 8 2 0
0082 03 05 12 019

20 0000 02 01 06 76 05 45 10 27 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	Oxygen		Saturat. %	Salin. method	Extra info.	Card code				
		↓			↓	↓	ml/l	↓	↓							
77 11	0035															
24	0300	04	71		11	17	08	91	00	37		1	3	03		
24	0400	04	74		11	24	08	96	00	39		1	3	03		
24	0440	04	74		11	19	08	92	00	41		1	3	03		
77 11	0036	58	21	0	18	24	66	05	10	03		2	7	3	0	
	0135		03					05	14		010					
03	0000	02	81		06	88	05	55	10	02		1	3	03		
03	0005	02	81		06	88	05	55				1	3	03		
03	0010	02	77		06	88	05	55	10	04		1	3	03		
03	0015	02	26		06	95	05	61				1	3	03		
03	0020	02	14		07	06	05	69				1	3	03		
03	0030	00	15		07	36	05	89	09	75		1	3	03		
03	0040	00	32		07	43	05	96				1	3	03		
03	0050	00	37		07	57	06	07	09	05		1	3	03		
03	0060	01	90		08	13	06	53	06	69		1	3	03		
03	0070	03	14		08	89	07	13	04	27		1	3	03		
03	0080	03	73		09	51	07	62	02	30		1	3	03		
03	0090	04	09		10	03	08	03	01	70		1	3	03		
03	0100	04	40		10	56	08	45	00	54		1	3	03		
03	0125	04	46		10	72	08	56	00	49		1	3	03		
77 11	0037	58	17	0	18	41	66	05	10	04		2	8	3	0	
	0111		02					05	16		015					
04	0000	02	77		06	81	05	49	09	99		1	3	03		
04	0005	02	73		06	80	05	49				1	3	03		
04	0010	02	78		06	83	05	51	09	98		1	3	03		
04	0015	02	13		06	91	05	57				1	3	03		
04	0020	00	47		07	10	05	69				1	3	03		
04	0030	00	27		07	38	05	92	09	18		1	3	03		
04	0040	00	41		07	51	06	03				1	3	03		
04	0050	01	98		07	97	06	41	07	04		1	3	03		
04	0060	03	66		09	26	07	42	02	86		1	3	03		
04	0070	04	08		09	99	08	00	01	46		1	3	03		
04	0080	04	22		10	28	08	22	00	77		1	3	03		
04	0090	04	33		10	46	08	38	00	74		1	3	03		
04	0100	04	41		10	64	08	51	00	57		1	3	03		
77 11	0038	58	13	0	18	58	66	05	10	06		2	7	3	0	
	0124		03	5				07	16		016					
06	0000	01	58		06	95	05	60	10	02		1	3	03		
06	0005	01	61		06	93	05	59				1	3	03		
06	0010	01	56		06	90	05	56	10	07		1	3	03		
06	0015	01	58		06	91	05	56				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 0038

06	0020	01	26	06	99	05	62					1	3	03		
06	0030	00	43	07	25	05	81	09	25			1	3	03		
06	0040	01	17	07	46	06	01					1	3	03		
06	0050	01	94	07	73	06	22	07	57			1	3	03		
06	0060	02	17	07	87	06	30	07	12			1	3	03		
06	0070	03	20	08	29	06	66	04	73			1	3	03		
06	0080	03	78	09	45	07	57	02	50			1	3	03		
06	0090	04	17	10	09	08	07	00	78			1	3	03		
06	0100	04	50	10	74	08	57	00	47			1	3	03		
06	0120	04	59	10	95	08	74	00	28			1	3	03		

77	11	0039	58	08	0	19	19	66	05	10	07	1	5	3	0	
		0035	04					05	22		024					

07	0000	02	34	07	09	05	72	10	15			1	3	03		
07	0005	02	39	07	09	05	72					1	3	03		
07	0010	02	38	07	07	05	71	10	07			1	3	03		
07	0015	02	34	07	07	05	71					1	3	03		
07	0020	02	35	07	07	05	71					1	3	03		
07	0030	01	55	07	17	05	78	09	96			1	3	03		

77	11	0040	58	04	0	19	37	66	05	10	09	1	2	3	0	
		0140	04					05	22		014					

10	0000			07	21			10	08			1	3	03		
10	0005	01	84	07	20	05	80					1	3	03		
10	0010	01	80	07	19	05	80	10	10			1	3	03		
10	0015	01	61	07	21	05	81					1	3	03		
10	0020	00	50	07	29	05	85					1	3	03		
10	0030	00	09	07	40	05	93	09	47			1	3	03		
10	0040	00	66	07	55	06	07					1	3	03		
10	0050	01	08	07	66	06	15	08	26			1	3	03		
10	0060	02	33	08	21	06	60	06	36			1	3	03		
10	0070	03	39	09	02	07	24	03	74			1	3	03		
09	0080	04	02	09	76	07	81	01	99			1	3	03		
09	0090	04	23	10	19	08	15	01	23			1	3	03		
09	0100	04	44	10	58	08	45	00	87			1	3	03		
09	0125	05	28	11	91	09	46	00	56			1	3	03		
09	0140	05	31	12	08	09	59	00	31			1	3	03		

77	11	0041	58	00	0	19	54	66	05	10	11	1	3	4	0	
		0210	04	5				05	22		027					

12	0000	01	95	07	35	05	93	10	07			1	3	03		
12	0005	01	92	07	35	05	93					1	3	03		
12	0010	01	92	07	32	05	91	10	09			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+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 0041

12	0015	01	86	07	32	05	91					1	3	03		
12	0020	01	88	07	33	05	91					1	3	03		
12	0030	01	39	07	40	05	95	09	82			1	3	03		
12	0040	00	90	07	58	06	10					1	3	03		
12	0050	01	75	07	87	06	33	07	62			1	3	03		
12	0060	03	03	08	69	06	99	04	93			1	3	03		
12	0070	04	04	09	76	07	81	02	03			1	3	03		
12	0080	04	32	10	26	08	21	01	41			1	3	03		
11	0090	04	44	10	61	08	47	00	91			1	3	03		
11	0100	04	67	10	89	08	68	00	80			1	3	03		
11	0125	05	27	11	77	09	35	00	76			1	3	03		
11	0150	05	37	12	14	09	64	00	31			1	3	03		
11	0175	05	45	12	30	09	76	00	13			1	3	03		
11	0190 U	05	46	12	32	09	77	00	15			1	3	03		

77 11 0042

57	55	0	20	13	66	05	10	13	1 2 4 0							
0130	05				02	20		020								
13	0000	02	86	07	44	06	02	10	05			1	3	03		
13	0005	02	83	07	43	05	99					1	3	03		
13	0010	02	82	07	46	06	02	10	03			1	3	03		
13	0015	02	73	07	44	06	01					1	3	03		
13	0020	02	67	07	45	06	01					1	3	03		
13	0030	01	37	07	55	06	08	09	89			1	3	03		
13	0040	00	99	07	65	06	14					1	3	03		
13	0050	01	09	07	66	06	15	09	31			1	3	03		
13	0060	01	31	07	72	06	21	08	95			1	3	03		
13	0070	03	35	08	55	06	86	05	86			1	3	03		
13	0080	04	16	09	71	07	77	02	23			1	3	03		
13	0090	04	43	10	41	08	31	01	12			1	3	03		
13	0100	04	96	10	42	08	30	01	17			1	3	03		
13	0125	05	49	11	77	09	33	01	02			1	3	03		

77 11 0043

57	51	0	20	32	66	05	10	15	1 2 5 0							
0098	06				02	26		014								
15	0000	03	05	07	47	06	02	10	06			1	3	03		
15	0005	02	99	07	47	06	02					1	3	03		
15	0010	03	00	07	47	06	02	10	07			1	3	03		
15	0015	02	63	07	47	06	02					1	3	03		
15	0020	03	51	07	56	06	09					1	3	03		
15	0030	01	25	07	62	06	13	09	60			1	3	03		
15	0040	01	08	07	66	06	15					1	3	03		
15	0050	01	15	07	69	06	19	09	29			1	3	03		
15	0060	01	73	07	90	06	35	08	11			1	3	03		
15	0070	03	65	09	02	07	22	04	44			1	3	03		
15	0080	04	33	10	08	08	06	01	64			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	0043														
	15	0090	04	94	10	96	08	73	01	17			1	3	03	
77	11	0044	57	47	0	20	50	66	05	10	18		1	2	5	0
		0085	05					02	24		019					
	18	0000	02	98	07	44	06	01	10	00			1	3	03	
	18	0005	02	91	07	39	05	96					1	3	03	
	18	0010	02	92	07	41	05	97	10	08			1	3	03	
	18	0015	02	56	07	43	05	99					1	3	03	
	18	0020	01	09	07	55	06	08					1	3	03	
	18	0030	01	18	07	62	06	12	09	45			1	3	03	
	18	0040	01	05	07	65	06	14	09	26			1	3	03	
	18	0050	01	07	07	69	06	18	09	28			1	3	03	
	18	0060	02	06	08	03	06	46	07	33			1	3	03	
	18	0070	04	10	09	68	07	74	02	68			1	3	03	
77	11	0045	57	42	0	21	09	66	05	10	20		1	2	4	0
		0040	05					02	24		017					
	20	0000	02	91	07	35	05	92	09	84			1	3	03	
	20	0005	02	94	07	34	05	92					1	3	03	
	20	0010	02	97	07	33	05	92	09	96			1	3	03	
	20	0015	02	96	07	34	05	93					1	3	03	
	20	0020	02	73	07	36	05	94					1	3	03	
	20	0030	00	95	07	63	06	13	09	28			1	3	03	
77	11	0046	57	13	0	20	56	66	05	11	00		1	1	4	0
		0028	05					02	18		026					
	00	0000	02	80	07	53	06	07	09	71			1	3	03	
	00	0005	02	82	07	54	06	09					1	3	03	
	00	0010	02	82	07	53	06	07	09	66			1	3	03	
	00	0015	02	79	07	54	06	07					1	3	03	
	00	0020	02	79	07	54	06	07					1	3	03	
	00	0025	02	72	07	55	06	09	09	68			1	3	03	
77	11	0047	57	16	0	20	39	66	05	11	02		1	2	4	0
		0079	05					02	12		032					
	02	0000	02	93	07	53	06	07	09	81			1	3	03	
	02	0005	02	83	07	53	06	07					1	3	03	
	02	0010	02	83	07	53	06	07	09	88			1	3	03	
	02	0015	02	81	07	53	06	07					1	3	03	
	02	0020	02	82	07	54	06	08					1	3	03	
	02	0030	02	80	07	53	06	07	09	81			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 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	0047															
	02 0040		01	24		07	58		06	11			1	3	03	
	02 0050		01	21		07	63		06	14	09	37	1	3	03	
	02 0060		02	08		08	06		06	49	07	71	1	3	03	
	02 0070		03	66		09	09		07	29	05	03Q	1	3	03	
77 11	0048		57	18	0	20	21		66	05	11	04	4	8	3 0	
	0195		04						02	16		039				
	04 0000		02	68		07	53		06	07	09	65	1	3	03	
	04 0005		02	68		07	53		06	07			1	3	03	
	04 0010		02	69		07	52		06	07	09	75	1	3	03	
	04 0015		02	68		07	52		06	07			1	3	03	
	04 0020		02	68		07	52		06	07			1	3	03	
	04 0030		02	67		07	53		06	07	09	75	1	3	03	
	04 0040		02	49		07	53		06	07			1	3	03	
	04 0050		01	31		07	71		06	20	08	93	1	3	03	
	04 0060		03	52		08	77		07	03	05	28	1	3	03	
	04 0070		04	29		09	86		07	81	02	16	1	3	03	
	04 0080		04	56		10	46		08	35	01	41	1	3	03	
	04 0090		04	89		10	83		08	63	01	26	1	3	03	
	04 0100		05	14		11	09		08	82	01	48	1	3	03	
	04 0125		05	46		11	82		09	38	01	00	1	3	03	
	04 0150		05	52		12	35		09	79	00	49	1	3	03	
	04 0175		05	67		12	64		10	01	00	25	1	3	03	
77 11	0049		57	20	0	20	03		66	05	11	06	4	8	3 0	
	0242		05						02	10		039				
	07 0000		02	62		07	56		06	10	09	59	1	3	03	
	07 0005		02	58		07	56		06	10	09	70	1	3	03	
	07 0010		02	55		07	54		06	09	09	65	1	3	03	
	07 0015		02	51		07	55		06	09	09	69	1	3	03	
	07 0020		02	52		07	55		06	09	09	67	1	3	03	
	07 0030		02	53		07	56		06	10	09	68	1	3	03	
	07 0040		01	77		07	61		06	12	09	50	1	3	03	
	07 0050		01	50		07	83		06	29	08	49	1	3	03	
	07 0060		03	92		09	44		07	56	04	85	1	3	03	
	07 0070		04	49		10	24		08	19	02	05	1	3	03	
	07 0080		04	69		10	69		08	54	01	18	1	3	03	
	07 0090		05	01		11	02		08	77	01	50	1	3	03	
	06 0100		05	08		11	21		08	92	01	20	1	3	03	
	06 0125		05	45		11	96		09	49	00	99	1	3	03	
	06 0150		05	60		12	46		09	88	00	40	1	3	03	
	06 0175		05	69		12	65		10	02	00	14	1	3	03	
	06 0200		05	75		12	77		10	11	00	21	1	3	03	
	06 0225		05	80		12	86		10	18	00	28	1	3	03	
	06 0240		05	81		12	93		10	23	00	07	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	0050 0155	57 22 05	0	19 44	66 05 05 10	11 12	029	4 8 3 0							
12	0000	02 62		07 56	06 10	09 70		1 3 03							
12	0005	02 63		07 56	06 10			1 3 03							
12	0010	02 58		07 56	06 10	09 75		1 3 03							
12	0015	02 58		07 56	06 10			1 3 03							
12	0020	02 59		07 54	06 09			1 3 03							
12	0030	02 20		07 55	06 09	09 76		1 3 03							
12	0040	01 26		07 62	06 12			1 3 03							
12	0050	01 24		07 71	06 20	09 18		1 3 03							
12	0060	03 90		09 09	07 28	04 04		1 3 03							
12	0070	04 52		10 17	08 12	02 17		1 3 03							
12	0080	04 95		10 74	08 55	01 69		1 3 03							
12	0090	05 04		11 09	08 82	01 32		1 3 03							
12	0100	05 28		11 31	08 99	01 24		1 3 03							
12	0125	05 51		12 10	09 60	00 78		1 3 03							
12	0150	05 71		12 28	09 72	00 45		1 3 03							
77 11	0051 0123	57 24 06	0	19 26	66 05 07 10	11 14	036	4 8 3 0							
14	0000	02 66		07 57	06 11	09 75		1 3 03							
14	0005	02 63		07 56	06 10			1 3 03							
14	0010	02 58		07 56	06 10	09 67		1 3 03							
14	0015	02 59		07 56	06 10			1 3 03							
14	0020	02 61		07 56	06 10			1 3 03							
14	0030	02 57		07 56	06 10	09 63		1 3 03							
14	0040	02 48		07 56	06 10			1 3 03							
14	0050	01 46		07 65	06 15	09 39		1 3 03							
14	0060	01 63		07 82	06 29	08 70		1 3 03							
14	0070	04 43		10 05	08 03	02 03		1 3 03							
14	0080	04 73		10 67	08 52	01 19		1 3 03							
14	0090	04 95		11 06	08 81	01 14		1 3 03							
14	0100	05 14		11 39	09 06	01 04		1 3 03							
14	0115	05 46		12 06	09 57	00 70		1 3 03							
77 11	0052 0049	57 26 03	0	19 08	66 05 07 10	11 17	034	4 8 3 0							
17	0000	01 78		07 36	05 94	09 91		1 3 03							
17	0005	01 76		07 34	05 92			1 3 03							
17	0010	01 81		07 38	05 95	09 93		1 3 03							
17	0015	01 86		07 38	05 95			1 3 03							
17	0020	01 83		07 38	05 95			1 3 03							
17	0030	01 75		07 47	06 02	09 84		1 3 03							
17	0040	02 06		07 48	06 04	09 85		1 3 03							
77 11	0053 0078	57 16 08	0	20 39	66 05 05 02	17 09	000	0 0 1 0							

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									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.	Card code						
		↓		↓	↓	↓	↓	↓									

77 11 0053

09 0000	05 96	07 48	05 94	1 0 03
09 0005	04 92	07 48	05 94	1 0 03
09 0010	03 58	07 47	06 02	1 0 03
09 0015	03 52	07 48	06 03	1 0 03
09 0020	02 93	07 49	06 04	1 0 03
09 0030	01 90	07 58	06 11	1 0 03
09 0040	01 54	07 62	06 13	1 0 03
09 0050	01 46	07 64	06 14	1 0 03
09 0060	01 64	07 80	06 29	1 0 03
09 0070	03 11	08 79	07 06	1 0 03

77 11 0054 58 27 0 20 20 66 05 17 17 0 0 1 0
0126 09 00 000

17 0000	04 67	07 31	05 86	09 70	1 3 03
17 0005	03 13	07 30	05 89	09 99	1 3 03
17 0010	02 11	07 34	05 92	09 68	1 3 03
17 0015	01 99	07 38	05 95		1 3 03
17 0020	02 49	07 40	05 97		1 3 03
17 0030	01 60	07 45	06 01	09 58	1 3 03
17 0040	00 67	07 59	06 09		1 3 03
17 0050	01 84	07 86	06 33	07 66	1 3 03
17 0060	03 34	08 84	07 10	04 27	1 3 03
17 0070	04 06	09 86	07 90	01 72	1 3 03
17 0080	04 24	10 22	08 17	01 05	1 3 03
17 0090	04 50	10 65	08 51	00 66	1 3 03
17 0100	04 71	10 93	08 71	00 69	1 3 03
17 0120	04 95	12 07	09 60	00 47	1 3 03

77 11 0055 58 47 0 19 06 66 05 20 13 2 8 3 0
0130 10 18 10 009

13 0000	05 19	06 58	05 25	09 58	1 3 03
13 0005	05 19	06 55	05 23		1 3 03
13 0010	03 63	06 75	05 44	09 71	1 3 03
13 0015	02 69	06 77	05 46		1 3 03
13 0020	01 79	06 93	05 59		1 3 03
13 0030	00 37	07 29	05 84		1 3 03
13 0040	00 30	07 48	06 00	08 95	1 3 03
13 0050	00 84	07 65	06 13	08 09	1 3 03
13 0060	02 77	08 40	06 76	05 29	1 3 03
13 0070	03 72	09 47	07 60	02 55	1 3 03
13 0080	04 10	09 97	07 98	01 66	1 3 03
13 0090	04 31	10 50	08 40	00 65	1 3 03
13 0100	04 45	10 72	08 57	00 52	1 3 03
13 0125	04 71	11 02	08 79	00 46	1 3 03

77 11 0056 58 53 0 20 19 66 05 20 17 2 8 2 0
0165 06 5 23 04 009

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.	Card code		
		↓			↓			↓	↓	↓	↓					

77 11 0056

17 0000		03 36		07 37		05 94		09 60				1 3 03			
17 0005		03 28		07 34		05 92						1 3 03			
17 0010		03 18		07 37		05 94		09 72				1 3 03			
17 0015		03 00		07 36		05 95						1 3 03			
17 0020		02 06		07 38		05 96						1 3 03			
17 0030		01 44		07 45		06 00		09 75				1 3 03			
17 0040		00 87		07 56		06 08						1 3 03			
17 0050		01 26		07 74		06 23		08 47				1 3 03			
17 0060		03 30		08 76		07 03		04 50				1 3 03			
17 0070		04 19		10 01		08 01		01 54				1 3 03			
17 0080		04 40		10 49		08 38		00 73				1 3 03			
17 0090		04 52		10 69		08 54		00 62				1 3 03			
17 0100		04 61		10 86		08 66		00 55				1 3 03			
17 0125		04 77		11 13		08 89		00 63				1 3 03			
17 0150	U	04 95		11 46		09 13		00 56				1 3 03			

77 11 0057

0180		59 02	0	21 05		66 05		20	20			2 7 2 0			
		05 5				23 12			013						
21 0000		04 56		07 32		05 87		09 87				1 3 03			
21 0005		04 52		07 32		05 87						1 3 03			
21 0010		04 54		07 31		05 87		09 83				1 3 03			
21 0015		02 56		07 39		05 97						1 3 03			
21 0020		01 88		07 46		06 01						1 3 03			
21 0030		01 47		07 50		06 04		09 91				1 3 03			
21 0040		01 47		07 53		06 07						1 3 03			
21 0050		00 95		07 57		06 09		09 18				1 3 03			
21 0060		01 27		07 86		06 32		07 83				1 3 03			
21 0070		03 23		09 11		07 32		03 64				1 3 03			
20 0080		04 01		09 94		07 96		01 64				1 3 03			
20 0090		04 43		10 54		08 42		00 77				1 3 03			
20 0100		04 57		10 81		08 63		00 56				1 3 03			
20 0125		04 79		11 20		08 93		00 38				1 3 03			
20 0150		04 83		11 26		08 97		00 37				1 3 03			
20 0165		04 85		11 31		09 01		00 36				1 3 03			

77 11 0058

0120		59 11	0	21 46		66 05		20	23			2 8 2 0			
		05				23 12			015						
23 0000		03 70		07 34		05 91		09 88				1 3 03			
23 0005		03 72		07 32		05 89						1 3 03			
23 0010		03 77		07 33		05 90		09 83				1 3 03			
23 0015		03 63		07 33		05 90						1 3 03			
23 0020		02 35		07 35		05 93						1 3 03			
23 0030		00 65		07 45		05 98		09 73				1 3 03			
23 0040		00 53		07 53		06 05						1 3 03			
23 0050		00 52		07 59		06 09		09 18				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 0058

23 0060	00 81	07 66	06 14	09 02	1 3 03
23 0070	02 57	08 48	06 82	05 67	1 3 03
23 0080	04 22	10 23	08 19	01 05	1 3 03
23 0090	04 47	10 66	08 51	00 56	1 3 03
23 0100	04 62	10 97	08 75	00 40	1 3 03

77 11 0059	59 22	0	22 28	66 05	21 02	2 8 3 0
0102	06			23 14	013	

02 0000	04 30	06 05	04 86	09 97	1 3 03
02 0005	04 26	06 05	04 86		1 3 03
02 0010	04 29	06 07	04 87	09 98	1 3 03
02 0015	02 74	06 30	05 08		1 3 03
02 0020	01 87	06 45	05 20		1 3 03
02 0030	02 22	06 95	05 61	09 64	1 3 03
02 0040	00 36	07 46	05 98		1 3 03
02 0050	00 56	07 63	06 11	08 94	1 3 03
02 0060	02 36	08 41	06 77	06 06	1 3 03
02 0070	03 97	09 88	07 91	01 87	1 3 03
02 0080	04 33	10 47	08 37	00 77	1 3 03
02 0090	04 41	10 71	08 56	00 48	1 3 03

77 11 0060	59 35	0	23 18	66 05	21 05	2 7 3 0
0073	06 5			20 12	009	

05 0000	05 91	06 37	05 06	09 66	1 3 03
05 0005	05 89	06 34	05 04		1 3 03
05 0010	04 41	06 58	05 28	09 80	1 3 03
05 0015	03 83	06 70	05 39		1 3 03
05 0020	03 96	06 70	05 39		1 3 03
05 0030	00 88	06 96	05 59	09 55	1 3 03
05 0040	00 30	07 37	05 91		1 3 03
05 0050	00 46	07 55	06 06	08 80	1 3 03
05 0060	02 28	08 58	06 90	05 34	1 3 03

77 11 0061	59 41	0	24 00	66 05	21 07	2 8 3 0
0073	10			23 14	007	

07 0000	04 53	05 98	04 80	10 03	1 3 03
07 0005	04 53	05 99	04 80		1 3 03
07 0010	03 31	06 42	05 17	10 02	1 3 03
07 0015	00 73	06 73	05 40		1 3 03
07 0020	01 04	06 97	05 61		1 3 03
07 0030	00 04	07 30	05 84	09 30	1 3 03
07 0040	00 08	07 48	05 89		1 3 03
07 0050	00 92	07 81	06 27	08 07	1 3 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			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	0061														
	07	0060	02 83		09 05		07 27	03 97				1 3 03				
77	11	0062	59 51	0	24 50		66 05	21 10				1 6 3 0				
		0080	09				27 10					006				
	10	0000	06 36		05 22		04 12	11 24				1 3 03				
	10	0005	06 26		05 20		04 11					1 3 03				
	10	0010	04 04		05 42		04 36	11 10				1 3 03				
	10	0015	02 87		05 57		04 49					1 3 03				
	10	0020	02 24		05 64		04 54					1 3 03				
	10	0030	00 30		06 70		05 36	08 60				1 3 03				
	10	0040	00 62		07 46		05 99					1 3 03				
	10	0050	01 36		07 88		06 33	06 96				1 3 03				
	10	0060	02 25		08 53		06 86	05 02				1 3 03				
	10	0070	02 59		08 88		07 14	03 71				1 3 03				
77	11	0063	59 55	0	25 36		66 05	21 16				1 2 2 0				
		0073	11				18 04					000				
	16	0000	05 45		05 47		04 35	10 39				1 3 03				
	16	0005	05 44		05 47		04 35	10 43				1 3 03				
	16	0010	05 12		05 46		04 36	10 18				1 3 03				
	16	0015	04 07		05 46		04 39	10 60				1 3 03				
	16	0020	01 91		05 58		04 50	10 27				1 3 03				
	16	0030	00 24		06 53		05 22	08 56				1 3 03				
	16	0040	01 12		07 48		06 01	07 47				1 3 03				
	16	0050	01 82		07 99		06 43	06 20				1 3 03				
	16	0060	02 43		08 36		06 72	05 11				1 3 03				
77	11	0064	59 59	0	26 00		66 05	21 18				1 2 1 0				
		0070	10				18 04					007				
	18	0000	05 49		04 67		03 72	10 81				1 3 03				
	18	0005	05 46		04 65		03 71					1 3 03				
	18	0010	03 40		04 69		03 78	10 91				1 3 03				
	18	0015	02 60		05 24		04 22					1 3 03				
	18	0020	00 97		05 56		04 46					1 3 03				
	18	0030	00 83		07 05		05 67	08 22				1 3 03				
	18	0040	00 91		07 47		06 01					1 3 03				
	18	0050	01 86		07 90		06 36	06 47				1 3 03				
	18	0060	02 66		08 41		06 76	04 61				1 3 03				
77	11	0065	58 04	0	09 51		66 06	03 16				2 7 4 0				
		0205	12				23 20					006				
	16	0000	09 83		28 026		21 58					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	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 0065

16	0010	05 19		33 077	26 15					3 0 03
16	0020	03 95		33 722	26 79					3 0 03
16	0030	04 28		34 200	27 14					3 0 03
16	0040	04 50		34 470	27 33					3 0 03
16	0050	04 37		34 558	27 42					3 0 03
16	0100	04 95		34 982	27 68					3 0 03
16	0150	05 27		35 033	27 69					3 0 03
16	0200	05 44		35 075	27 70					3 0 03

77 11 0066 58 07 0 09 50 66 06 08 09 1 5 1 0
0410 12 16 10 006

09	0000	11 25		26 661	20 29					3 0 03
09	0010	04 34		33 747	26 78					3 0 03
09	0020	04 57		34 311	27 19					3 0 03
09	0030	04 41		34 503	27 36					3 0 03
09	0050	04 83		34 741	27 50					3 0 03
09	0100	05 31		34 959	27 63					3 0 03
09	0150	05 01		34 957	27 66					3 0 03
09	0200	05 17		35 006	27 68					3 0 03
09	0300	05 73		35 196	27 76					3 0 03
09	0400	05 61		35 161	27 74					3 0 03

77 11 0067 58 13 0 09 37 66 06 08 13 1 4 2 0
0625 14 07 06 005

13	0000	10 39		29 237	22 43					3 0 03
13	0010	04 54		33 830	26 81					3 0 03
13	0020	05 30		34 411	27 19					3 0 03
13	0030	05 37		34 764	27 46					3 0 03
13	0050	04 90		34 754	27 51					3 0 03
13	0100	05 33		34 923	27 59					3 0 03
13	0200	05 34		35 048	27 69					3 0 03
13	0300	05 29		35 093	27 73					3 0 03
13	0400	04 80		35 057	27 77					3 0 03
13	0500	04 22		34 979	27 77					3 0 03
13	0600	04 03		34 960	27 78					3 0 03

77 11 0068 58 39 0 10 01 66 06 09 20 1 5 1 0
0403 14 05 04 008

20	0000	13 17		26 800	20 05					3 0 03
20	0010	08 13		31 370	24 44					3 0 03
20	0020	04 39		33 879	26 87					3 0 03
20	0050	04 36		34 466	27 34					3 0 03
20	0100	05 24		34 900	27 58					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

20	0150	05	51		35	009		27	64			3	0	03		
20	0200	05	25		35	043		27	69			3	0	03		
20	0300	05	26		35	066		27	72			3	0	03		
20	0400	05	43		35	112		27	72			3	0	03		

77 11 0069 58 16 0 11 22 66 06 10 12 1 6 2 0
0050 000

12	0000	12	97		24	964		19	46			3	0	03		
12	0005	12	13		26	258		19	85			3	0	03		
12	0010	11	40		27	296		20	76			3	0	03		
12	0015	10	57		29	756		22	81			3	0	03		
12	0020	09	80		31	479		24	27			3	0	03		
12	0025	08	44		31	945		24	85			3	0	03		
12	0030	07	92		32	307		25	21			3	0	03		
12	0035	06	74		32	673		25	64			3	0	03		
12	0040	05	47		33	184		26	20			3	0	03		
12	0045	05	15		33	390		26	40			3	0	03		

77 11 0070 58 25 0 11 03 66 06 14 12 1 4 2 0
0066 20 11 02 000

12	0000	15	00		22	728		16	57			3	0	03		
12	0005	11	94		28	031		21	24			3	0	03		
12	0010	11	07		29	981		22	90			3	0	03		
12	0015	10	62		30	444		23	32			3	0	03		
12	0020	10	55		30	986		23	76			3	0	03		
12	0025	10	25		31	642		24	32			3	0	03		
12	0030	09	77		31	775		24	52			3	0	03		
12	0040	08	20		32	601		25	39			3	0	03		
12	0050	07	75		33	516		26	18			3	0	03		
12	0055	06	71		33	623		26	40			3	0	03		

77 11 0244 57 12 0 11 40 66 08 22 22 2 8 3 0
0075 15 09 16 008

22	0000	16	97		20	833		14	73	05	99	3	3	03		
22	0005	17	00		20	837		14	73			3	3	03		
22	0010	15	95		26	088		18	96	05	67	3	3	03		
22	0015	15	41		31	533		23	24			3	3	03		
22	0020	15	24		32	395		23	94	05	01	3	3	03		
22	0030	14	83		32	572		24	16	04	89	3	3	03		
22	0040	12	28		32	691		24	75	04	64	3	3	03		
22	0050	09	39		33	041		25	55	04	08	3	3	03		
22	0060	07	48		33	333		26	06	03	56	3	3	03		
22	0070	07	29		33	374		26	12	03	37	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 ↓	Oxygen ml/l ↓		Saturat. ‰ ↓	Salin. method	Extra info.	Card code		
77 11	0245 0100	56 58 14	0	11 46	66 08 09 16	23	01	1 4 4 0	013						
	01 0000	16 99		20 397	14 39	06 09		3 3 03							
	01 0005	16 98		20 306	14 33			3 3 03							
	01 0010	16 97		20 344	14 36	06 02		3 3 03							
	01 0015	15 88		23 516	17 01			3 3 03							
	01 0020	15 20		30 945	22 84			3 3 03							
	01 0030	13 70		32 099	24 03	04 58		3 3 03							
	01 0040	11 14		32 484	24 82	04 37		3 3 03							
	01 0050	09 08		32 768	25 39	03 87		3 3 03							
	01 0060	08 53		32 891	25 56	03 90		3 3 03							
	01 0070	07 72		33 072	25 83	03 79		3 3 03							
77 11	0246 0025	56 14 13	0	12 22	66 08 09 12	23	07	2 7 2 0	008						
	07 0000	15 89		09 646	06 43	06 78		3 3 03							
	07 0005	15 89		12 411	08 55			3 3 03							
	07 0010	17 10		18 057	12 60	06 29		3 3 03							
	07 0015	14 98		22 095	16 10			3 3 03							
	07 0020	11 93		31 913	24 24	04 42		3 3 03							
77 11	0247 0048	55 00 13	0	14 05	66 08 05 24	23	20	2 8 4 0	022						
	20 0000	15 38		07 70	05 02	06 61		1 3 03							
	20 0005	15 38		07 67	05 00			1 3 03							
	20 0010	15 39		07 73	05 05	06 54		1 3 03							
	20 0015	15 40		07 59	04 94			1 3 03							
	20 0020	14 34		07 58	05 11	06 72		1 3 03							
	20 0030	06 42		08 36	06 60	05 84		1 3 03							
	20 0040	10 48		12 84	09 71	04 67		1 3 03							
	20 0045	08 35		16 09	12 49	02 16		1 3 03							
77 11	0248 0047	55 18 13	0	14 24	66 08 02 24	23	23	2 8 4 0	018						
	23 0000	15 50		07 52	04 86	06 58		1 3 03							
	23 0005	15 49		07 56	04 90			1 3 03							
	23 0010	15 49		07 55	04 89	06 57		1 3 03							
	23 0015	15 49		07 51	04 86			1 3 03							
	23 0020	06 35		07 45	05 89			1 3 03							
	23 0030	02 79		07 73	06 22	07 90		1 3 03							
	23 0040	02 65		07 96	06 41	07 53		1 3 03							
	23 0045	09 15		11 07	08 49	05 42		1 3 03							
77 11	0249 0087	55 23 13	0	15 20	66 08 02 20	24	03	2 7 4 0	026						

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	Oxygen		Saturat. %	Salin. method	Extra info.	Card code		
		↓			↓			↓	ml/l	↓	↓					

77 11 0249

03 0000	16 33	07 34	04 58	06 42	1 3 03
03 0005	16 29	07 29	04 55		1 3 03
03 0010	16 27	07 33	04 59	06 35	1 3 03
03 0015	16 27	07 33	04 59		1 3 03
03 0020	16 29	07 33	04 59		1 3 03
03 0030	05 20	07 39	05 90	07 81	1 3 03
03 0040	04 04	07 51	06 04		1 3 03
03 0050	02 18	08 06	06 49	07 25	1 3 03
03 0060	06 23	11 76	09 19	05 87	1 3 03
03 0070	06 80	13 46	10 58	04 70	1 3 03
03 0080	07 19	15 43	12 08	00 87	1 3 03

77 11 0250	55 15	0	15 59	66 08	24	06	2 7 4 0
0091	13			36 22		024	

06 0000	15 34	06 52	04 69	06 52	1 3 03
06 0005	15 51	07 31	04 71	06 55	1 3 03
06 0010	15 53	07 33	04 72	06 51	1 3 03
06 0015	15 48	07 33	04 73	06 54	1 3 03
06 0020	15 50	07 34	04 72	06 49	1 3 03
06 0030	04 86	07 41	05 93	07 94	1 3 03
06 0040	02 95	07 52	06 06	08 20	1 3 03
06 0050	02 42	08 81	07 09	06 81	1 3 03
06 0060	05 50	12 88	10 21	05 19	1 3 03
06 0070	05 58	14 36	11 38	04 19	1 3 03
06 0080	07 69	15 91	12 41	00 15	1 3 03

77 11 0251	55 13	0	17 04	66 08	24	12	2 7 5 0
0087	14			34 30		022	

12 0000	16 64	07 19	04 41	06 33	1 3 03
12 0005	16 63	07 30	04 50		1 3 03
12 0010	16 63	07 23	04 45	06 28	1 3 03
12 0015	16 61	07 23	04 45		1 3 03
12 0020	16 60	07 21	04 43		1 3 03
12 0030	05 86	07 46	05 93	07 52	1 3 03
12 0040	04 12	07 51	06 04		1 3 03
12 0050	02 38	07 74	06 23	07 60	1 3 03
12 0060	02 44	08 00	06 44	07 45	1 3 03
12 0070	03 94	11 69	09 35	05 19	1 3 03
12 0080	03 99	11 95	09 55	04 89	1 3 03

77 11 0252	55 38	0	18 36	66 08	24	19	2 8 5 0
0099	13			36 22		025	

19 0000	16 36	07 20	04 48	06 31	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 0252

19	0005	16	36		07	28		04	53			1	3	03
19	0010	16	36		07	15		04	43	06	25	1	3	03
19	0015	16	36		07	28		04	53			1	3	03
19	0020	16	35		07	19		04	47			1	3	03
19	0030	05	25		07	49		05	98	07	95	1	3	03
19	0040	04	58		07	50		06	02			1	3	03
19	0050	03	53		07	56		06	09	08	14	1	3	03
19	0060	01	64		07	69		06	19	07	99	1	3	03
19	0070	02	88		08	89		07	15	04	81	1	3	03
19	0080	04	35		10	09		08	06	01	57	1	3	03
19	0090	04	29		10	87		08	69	00	64	1	3	03

77 11 0253

	0119	56	07	0	19	19		66	08	25	02	2	8	5	0
		12						36	16		012				
03	0000	13	95		07	26		05	00	06	90	1	3	03	
03	0005	13	96		07	26		05	00			1	3	03	
03	0010	13	94		07	26		05	00	06	95	1	3	03	
03	0015	08	78		07	37		05	65			1	3	03	
03	0020	07	81		07	37		05	73			1	3	03	
03	0030	06	36		07	41		05	86	07	99	1	3	03	
03	0040	03	07		07	57		06	11	08	20	1	3	03	
03	0050	01	77		07	85		06	32	07	35	1	3	03	
02	0060	03	24		08	90		07	15	04	19	1	3	03	
02	0070	04	21		09	82		07	85	01	97	1	3	03	
02	0080	04	18		10	75		08	60	02	01	1	3	03	
02	0090	04	08		11	04		08	83	02	26	1	3	03	
02	0100	03	81		11	19		08	96	02	84	1	3	03	
02	0115	04	52		11	57		09	22	01	71	1	3	03	

77 11 0254

	0115	56	51	0	18	52		66	08	25	09	2	8	5	0
		13						05	26		024				
10	0000	13	66		07	35		05	04	06	93	1	3	03	
10	0005	13	62		07	35		05	04			1	3	03	
10	0010	13	61		07	34		05	04	06	95	1	3	03	
10	0015	13	63		07	30		05	00			1	3	03	
10	0020	13	60		07	30		05	00			1	3	03	
10	0030	04	98		07	46		05	97	08	13	1	3	03	
10	0040	02	72		07	63		06	15			1	3	03	
10	0050	01	69		07	82		06	29	07	38	1	3	03	
09	0060	02	65		08	48		06	81	05	37	1	3	03	
09	0070	03	73		09	28		07	44	03	54	1	3	03	
09	0080	04	50		10	28		08	21	01	13	1	3	03	
09	0090	04	65		10	57		08	44	00	86	1	3	03	
09	0100	04	89		10	91		08	69	01	02	1	3	03	
09	0110	05	08		11	20		08	91	00	90	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	0255 0077	56	59	0	18	47	66	08	25	10		2	8	5	0
			13					05	26		022					
	10	0000	14	49		07	34	04	90	06	78		1	3	03	
	10	0005	14	45		07	38	04	94				1	3	03	
	10	0010	14	46		07	34	04	91				1	3	03	
	10	0015	14	43		07	34	04	91				1	3	03	
	10	0020	14	41		07	34	04	91				1	3	03	
	10	0030	05	26		07	48	05	97	07	58		1	3	03	
	10	0040	03	99		07	59	06	10				1	3	03	
	10	0050	03	34		07	66	06	15	07	49		1	3	03	
	10	0060	02	74		07	77	06	26	07	25		1	3	03	
	10	0070	03	75		09	35	07	49	02	78		1	3	03	
77	11	0256 0025	57	05	0	18	42	66	08	25	12		2	8	5	0
			15					05	30		000					
	12	0000	14	64		06	74	04	41	06	42		1	3	03	
	12	0005	14	63		06	74	04	41				1	3	03	
	12	0010	14	59		06	73	04	41	06	63		1	3	03	
	12	0015	14	57		06	74	04	43				1	3	03	
	12	0020	14	64		06	74	04	41	06	65		1	3	03	
77	11	0257 0050	57	26	0	19	08	66	08	25	17		1	3	5	0
			14					05	20		029					
	17	0000	13	83		06	96	04	70	06	94		1	3	03	
	17	0005	13	82		06	97	04	71				1	3	03	
	17	0010	13	81		06	95	04	70	06	86		1	3	03	
	17	0015	13	82		06	95	04	70				1	3	03	
	17	0020	13	81		06	95	04	70	06	73		1	3	03	
	17	0030	07	54		07	27	05	68	07	33		1	3	03	
	17	0040	04	90		07	50	06	00	07	84		1	3	03	
77	11	0258 0130	57	24	0	19	26	66	08	25	18		1	2	5	0
			14					05	18		018					
	18	0000	13	90		07	33	04	98	06	96		1	3	03	
	18	0005	13	92		07	32	04	97				1	3	03	
	18	0010	13	91		07	33	04	98	07	02		1	3	03	
	18	0015	13	90		07	31	04	97				1	3	03	
	18	0020	12	11		07	34	05	25				1	3	03	
	18	0030	04	78		07	52	06	02	07	99		1	3	03	
	18	0040	03	62		07	56	06	09				1	3	03	
	18	0050	02	01		07	67	06	17	07	92		1	3	03	
	18	0060	02	36		08	23	06	62	06	03		1	3	03	
	18	0070	03	49		09	11	07	31	03	73		1	3	03	
	18	0080	04	30		10	03	08	02	01	25		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 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 0258

18	0090	04 68		10 62	08 48	00 95			1	3	03	
18	0100	04 95		10 96	08 73	00 72			1	3	03	
18	0120	05 46		11 90	08 65	00 39			1	3	03	

77 11 0259

	0175	57 22	0	19 44	66 08	25	20		1	1	4	0
		14			05 14		019					
20	0000	14 33		07 21	04 82	06 81			1	3	03	
20	0005	14 30		07 19	04 81				1	3	03	
20	0010	14 32		07 18	04 80	06 80			1	3	03	
20	0015	14 33		07 19	04 81				1	3	03	
20	0020	12 86		07 23	05 06				1	3	03	
20	0030	04 66		07 50	06 01	08 15			1	3	03	
20	0040	03 84		07 54	06 06				1	3	03	
20	0050	01 47		07 71	06 20	08 03			1	3	03	
20	0060	02 70		08 45	06 79	05 47			1	3	03	
20	0070	04 16		09 83	07 86				1	3	03	
20	0080	04 28		10 30	08 23	01 91			1	3	03	
20	0090	04 84		10 84	08 64	01 13			1	3	03	
20	0100	05 20		11 19	08 90	01 08			1	3	03	
20	0125	05 53		11 93	09 45	00 55			1	3	03	
20	0150	05 66		12 48	09 89	00 05			1	3	03	
20	0170	05 68		12 60	09 98	00 00			1	3	03	

77 11 0260

	0250	57 20	0	20 03	66 08	25	22		2	8	5	0
		14			05 16		024					
23	0000	14 50		07 27	04 84	06 68			1	3	03	
23	0005	14 51		07 25	04 82	06 72			1	3	03	
23	0010	14 51		07 23	04 81	06 70			1	3	03	
23	0015	14 49		07 23	04 81	06 63			1	3	03	
23	0020	14 51		07 29	04 85	06 81			1	3	03	
23	0030	05 45		07 51	05 99	08 05			1	3	03	
23	0040	04 40		07 53	06 05	08 15			1	3	03	
23	0050	02 65		07 56	06 11	08 21			1	3	03	
23	0060	01 81		07 87	06 33	07 23			1	3	03	
23	0070	03 53		09 05	07 25	03 77			1	3	03	
22	0080	04 19		09 89	07 91	01 94			1	3	03	
22	0090	04 70		10 65	08 50	00 86			1	3	03	
22	0100	05 00		11 06	08 81	01 14			1	3	03	
22	0125	05 43		11 74	09 31	00 90			1	3	03	
22	0150	05 55		12 27	09 73	00 32			1	3	03	
22	0175	05 69		12 63	10 00	00 00			1	3	03	
22	0200	05 78		12 74	10 08	00 06			1	3	03	
22	0225	05 81		12 82	10 15	00 05			1	3	03	
22	0240	05 82		12 86	10 18	00 00			1	3	03	

77 11 0261

	0190	57 18	0	20 21	66 08	26	01		0	0	5	0
		13 8			05 14		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 0261

01	0000	15	69	07	22	04	61	06	30	1	3	03			
01	0005	15	70	07	17	04	57			1	3	03			
01	0010	15	68	07	19	04	59	06	40	1	3	03			
01	0015	15	69	07	16	04	55			1	3	03			
01	0020	15	62	07	17	04	58			1	3	03			
01	0030	05	09	07	52	06	01	08	06	1	3	03			
01	0040	03	65	07	57	06	10			1	3	03			
01	0050	02	23	07	69	06	20	07	70	1	3	03			
01	0060	02	25	08	16	06	56	06	15	1	3	03			
01	0070	03	68	09	25	07	41	03	24	1	3	03			
01	0080	03	83	09	47	07	49	02	74	1	3	03			
01	0090	04	30	09	98	07	98	01	62	1	3	03			
01	0100	04	69	10	63	08	48	01	22	1	3	03			
01	0125	05	39	11	60	09	21	01	21	1	3	03			
01	0150	05	56	12	23	09	70	00	35	1	3	03			
01	0175	05	70	12	60	09	98	00	05	1	3	03			
01	0185	05	71	12	67	10	04	00	08	1	3	03			

77	11	0262	57	16	0	20	39	66	08	26	03	0	0	4	0
		0100	13	4				09	14		020				

03	0000	15	89	07	12	04	50	06	33	1	3	03			
03	0005	15	90	07	12	04	50			1	3	03			
03	0010	15	87	07	12	04	51	05	22	1	3	03			
03	0015	15	93	07	12	04	49			1	3	03			
03	0020	15	87	07	12	04	51			1	3	03			
03	0030	04	70	07	49	06	00	08	58	1	3	03			
03	0040	03	71	07	49	06	03			1	3	03			
03	0050	02	56	07	64	06	15	08	03	1	3	03			
03	0060	02	19	07	77	06	25	07	58	1	3	03			
03	0070	04	84	10	81	08	61	00	92	1	3	03			
03	0080	05	02	10	99	08	75	01	36	1	3	03			
03	0090	05	26	11	37	09	04	01	33	1	3	03			

77	11	0263	57	13	0	20	56	66	08	26	04	0	0	4	0
		0025	13					05	20		018				

04	0000	15	80	07	16	04	53	06	88	1	3	03			
04	0005	15	76	07	16	04	54			1	3	03			
04	0010	15	75	07	12	04	54	06	42	1	3	03			
04	0015	15	67	07	14	04	55			1	3	03			
04	0020	14	60	07	16	04	75	06	47	1	3	03			

77	11	0264	58	00	0	19	54	66	08	26	12	1	1	3	0
		0205	16					09	14		023				

12	0000	14	18	06	77	04	50	06	77	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 0264

12	0005	14	20		06	75		04	49			1	3	03	
12	0010	14	14		06	70		04	45			1	3	03	
12	0015	14	13		06	75		04	50			1	3	03	
12	0020	14	16		06	73		04	49	06	96	1	3	03	
12	0030	04	69		07	47		05	99	08	54	1	3	03	
12	0040	04	05		07	51		06	04			1	3	03	
12	0050	01	96		07	60		06	13	08	35	1	3	03	
12	0060	01	87		07	80		06	28	07	19	1	3	03	
12	0070	03	24		08	86		07	11	04	09	1	3	03	
12	0078	03	92		09	70		07	77	01	63	1	3	03	
12	0088	04	33		10	36		08	29	00	66	1	3	03	
12	0098	04	86		10	85		08	64	00	82	1	3	03	
12	0123	05	43		11	84		09	40	00	42	1	3	03	
12	0148	05	46		12	13		09	53	00	18	1	3	03	
12	0173	05	46		12	24		09	71	00	00	1	3	03	
12	0198	05	48		12	28		09	74			1	3	03	

77 11 0265

	0124	58	27	0	20	20		66	08	26	16	0	0	3	0
		15						05	14		018				
16	0000	15	85		07	08		04	47	06	73	1	3	03	
16	0005	15	86		07	07		04	47			1	3	03	
16	0010	15	89		07	08		04	47	06	72	1	3	03	
16	0015	15	82		07	05		04	46			1	3	03	
16	0020	09	13		07	26		05	52			1	3	03	
16	0030	04	04		07	48		06	01	08	23	1	3	03	
16	0040	03	58		07	57		06	09			1	3	03	
16	0050	02	47		07	61		06	12	07	79	1	3	03	
16	0060	02	06		07	91		06	37	07	10	1	3	03	
16	0070	03	65		09	28		07	44	02	99	1	3	03	
16	0080	04	42		10	35		08	27	00	69	1	3	03	
16	0090	04	69		10	72		08	56	00	41	1	3	03	
16	0100	05	81		10	94		08	67	00	19	1	3	03	
16	0115	04	89		11	24		08	95	00	15	1	3	03	

77 11 0266

	0113	58	45	0	20	39		66	08	27	18	0	0	3	0
		15						32	14		026				
18	0000	15	35		06	87		04	39	07	07	1	3	03	
18	0005	15	35		06	88		04	40			1	3	03	
18	0010	15	33		06	88		04	40	06	77	1	3	03	
18	0015	15	36		06	86		04	39			1	3	03	
18	0020	15	23		06	88		04	43			1	3	03	
18	0030	05	08		07	46		05	95	08	20	1	3	03	
18	0040	03	75		07	51		06	04			1	3	03	
18	0050	02	58		07	61		06	13	07	95	1	3	03	
18	0060	01	86		07	74		06	22	07	39	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 0266

18	0070	02	18	08	06	06	49	06	32	1	3	03
18	0080	03	87	09	43	07	56	02	39	1	3	03
18	0090	04	38	10	35	08	27	00	48	1	3	03
18	0100	04	82	11	11	08	86	00	28	1	3	03

77	11	0267	59	18	0	21	28	66	08	28	01	0	0	3	0
		0090	14					36	16		026				

01	0000	15	07	06	87	04	45	06	74	1	3	03
01	0005	15	07	06	85	04	43			1	3	03
01	0010	15	10	06	85	04	42	06	79	1	3	03
01	0015	15	13	06	85	04	42			1	3	03
01	0020	15	18	06	88	04	43	06	83	1	3	03
01	0030	09	17	07	34	05	58	06	81	1	3	03
01	0040	04	69	07	39	05	92	08	20	1	3	03
01	0050	02	46	07	52	06	06	07	95	1	3	03
01	0060	01	77	07	52	06	05	07	55	1	3	03
01	0070	01	77	08	11	06	52	06	06	1	3	03
01	0080	02	56	09	72	07	82	04	21	1	3	03
01	0085	04	67	09	81	07	82	01	56	1	3	03

77	11	0268	60	12	0	19	09	66	08	28	11	2	7	1	0
		0285	15					36	06		005				

11	0000	11	62	05	77	04	09	07	54	1	3	03
11	0005	11	54	05	78	04	10			1	3	03
11	0010	06	01	05	86	04	64	08	17	1	3	03
11	0015	02	80	05	92	04	77			1	3	03
11	0020	03	25	05	98	04	82			1	3	03
11	0030	02	07	06	89	05	56	08	41	1	3	03
11	0040	01	82	07	13	05	74			1	3	03
11	0050	02	68	07	25	05	85	07	85	1	3	03
11	0060	02	81	07	32	05	91			1	3	03
11	0070	02	95	07	35	05	93	07	79	1	3	03
11	0080	02	80	07	37	05	95	08	16	1	3	03
11	0090	03	16	07	39	05	96	07	90	1	3	03
11	0100	03	13	07	42	05	98	08	34	1	3	03
11	0125	03	13	07	45	06	01	07	97	1	3	03
11	0150	03	05	07	48	06	03	07	76	1	3	03
11	0200	02	65	07	53	06	07	07	39	1	3	03
11	0250	02	59	07	59	06	12	07	21	1	3	03
11	0275	02	58	07	62	06	14	07	09	1	3	03

77	11	0269	60	30	0	18	58	66	08	28	14	1	5	1	0
		0135	19					36	02		014				

14	0000	14	26	05	62	03	61	07	89	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 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

14	0005	14	11		05	62		03	63				1	3	03
14	0010	14	02		05	61		03	64	07	50		1	3	03
14	0015	13	04		05	57		03	75				1	3	03
14	0020	05	88		05	57		04	43				1	3	03
14	0030	02	72		05	73		04	62	08	31		1	3	03
14	0040	02	58		05	79		04	67				1	3	03
14	0050	02	47		06	81		05	49	08	19		1	3	03
14	0060	02	42		07	12		05	74	07	81		1	3	03
14	0070	02	50		07	27		05	87	07	88		1	3	03
14	0080	02	49		07	30		05	89	07	83		1	3	03
14	0090	02	51		07	33		05	92	08	15		1	3	03
14	0100	02	57		07	35		05	93	07	92		1	3	03
14	0125	02	54		07	37		05	95	07	81		1	3	03

77 11 0270 61 08 0 20 56 66 08 28 21 0 0 2 0
0048 14 02 10 019

21	0000	15	35Q		05	80		03	57	06	94		1	3	03
21	0005	15	41		05	80		03	56				1	3	03
21	0010	15	40		05	78		03	55	06	76		1	3	03
21	0015	15	20		05	78		03	59				1	3	03
21	0020	14	96		05	78		03	63				1	3	03
21	0030	02	54		05	97		04	80	08	78		1	3	03
21	0040	01	81		06	32		05	09	07	39		1	3	03

77 11 0271 61 07 0 20 38 66 08 28 22 0 0 2 0
0080 14 02 06 018

22	0000	14	98		05	71		03	57	06	88		1	3	03
22	0005	14	89		05	71		03	58				1	3	03
22	0010	14	94		05	71		03	57	06	86		1	3	03
22	0015	14	99		05	73		03	58				1	3	03
22	0020	06	18		05	78		04	57				1	3	03
22	0030	02	53		05	93		04	78	09	24		1	3	03
22	0040	01	95		05	99		04	82				1	3	03
22	0050	01	35		06	10		04	91	08	42		1	3	03
22	0060	01	71		06	31		05	08	08	13		1	3	03
22	0070	01	91		06	68		05	39	07	64		1	3	03

77 11 0272 61 07 0 20 17 66 08 28 24 0 0 2 0
0115 13 02 04 016

24	0000	14	59		05	64		03	57	07	14		1	3	03
24	0005	14	54		05	64		03	58				1	3	03
24	0010	14	54		05	60		03	55	07	27		1	3	03
24	0015	14	45		05	62		03	58				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 0272

24	0020	10	90		05	67		04	10			1	3	03
24	0030	02	13		05	93		04	78	09	22	1	3	03
24	0040	02	20		05	94		04	79			1	3	03
24	0050	01	89		06	00		04	83	09	12	1	3	03
24	0060	01	21		06	06		04	87	08	15	1	3	03
24	0070	01	80		06	25		05	03	08	10	1	3	03
24	0080	01	94		06	59		05	31	07	92	1	3	03
24	0090	01	93		06	67		05	38	08	02	1	3	03
24	0100	01	98		06	84		05	51	08	20	1	3	03
24	0110	01	97		06	92		05	58			1	3	03

77	11	0273	61	06	0	19	58		66	08		29	01		0	0	2	0
		0115	13						02	04			019					

01	0000	14	18		05	51		03	54	07	14			1	3	03
01	0005	14	12		05	51		03	55	07	21			1	3	03
01	0010	14	15		05	51		03	54	07	03			1	3	03
01	0015	14	06		05	53		03	57	07	18			1	3	03
01	0020	11	24		05	64		04	11	07	51			1	3	03
01	0030	02	97		05	88		04	74	09	26			1	3	03
01	0040	02	18		05	92		04	77	09	20			1	3	03
01	0050	02	36		05	93		04	78	09	31			1	3	03
01	0060	01	88		05	98		04	81	09	23			1	3	03
01	0070	01	14		06	08		04	89	09	67			1	3	03
01	0080	01	29		06	22		05	01	08	05			1	3	03
01	0090	01	83		06	53		05	27	07	65			1	3	03
01	0100	02	02		06	83		05	51	07	75			1	3	03
01	0110	02	03		07	02		05	66	07	82			1	3	03

77	11	0274	61	06	0	19	32		66	08		29	03		2	7	2	0
		0115	13						23	04			015					

03	0000	14	41		05	53		03	52	07	43			1	3	03
03	0005	14	29		05	52		03	53					1	3	03
03	0010	14	35		05	53		03	53	07	37			1	3	03
03	0015	14	07		05	52		03	57					1	3	03
03	0020	12	99		05	50		03	69					1	3	03
03	0030	02	32		05	92		04	78	09	19			1	3	03
03	0040	02	39		05	93		04	79					1	3	03
03	0050	02	51		05	96		04	82	09	22			1	3	03
03	0060	01	26		06	07		04	88	08	75			1	3	03
03	0070	01	39		06	26		05	03	08	06			1	3	03
03	0080	01	90		06	55		05	28	07	47			1	3	03
03	0090	01	97		06	71		05	41	08	74			1	3	03
03	0100	01	89		06	95		05	60	07	55			1	3	03
03	0110	01	86		07	11		05	73	07	56			1	3	03

77	11	0275	61	05	0	19	08		66	08		29	04		2	7	2	0
		0074	13						20	06			015					

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								
			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 0275

04	0000	13	94		05	48		03	55	07	37		1	3	03	
04	0005	13	94		05	48		03	55				1	3	03	
04	0010	13	88		05	48		03	56	07	47		1	3	03	
04	0015	13	37		05	46		03	62				1	3	03	
04	0020	13	17		05	50		03	68				1	3	03	
04	0030	02	38		05	85		04	71	09	04		1	3	03	
04	0040	02	36		05	92		04	77	09	10		1	3	03	
04	0050	02	17		05	94		04	80	09	06		1	3	03	
04	0060	01	48		06	04		04	85	08	14		1	3	03	
04	0070	01	53		06	15		04	95	07	05		1	3	03	

77 11 0276

07	0000	13	17		05	38		03	58	07	53		1	3	03	
07	0005	13	14		05	37		03	58				1	3	03	
07	0010	13	15		05	37		03	58	07	55		1	3	03	
07	0015	12	45		05	38		03	68				1	3	03	
07	0020	08	05		05	32		04	09	08	17		1	3	03	
07	0025	03	75		05	53		04	46	08	57		1	3	03	
07	0035	01	34		05	79		04	65	08	11		1	3	03	

77 11 0277

10	0000	12	54		05	26		03	58	07	47		1	3	03	
10	0005	12	51		05	26		03	58				1	3	03	
10	0010	12	54		05	25		03	57	07	46		1	3	03	
10	0015	12	37		05	25		03	59				1	3	03	
10	0020	09	50		05	32		03	97				1	3	03	
10	0030	02	69		05	61		04	52	08	47		1	3	03	
10	0035	01	50		05	72		04	59	08	07		1	3	03	

77 11 0278

11	0000	12	27		05	26		03	60	07	80		1	3	03	
11	0005	12	24		05	26		03	61				1	3	03	
11	0010	12	22		05	26		03	61	07	83		1	3	03	
11	0015	09	97		05	26		03	88				1	3	03	
11	0020	05	91		05	31		04	21				1	3	03	
11	0030	02	27		05	63		04	54	07	83		1	3	03	
11	0040	00	92		05	71		04	58				1	3	03	
11	0050	00	46		05	78		04	62	08	40		1	3	03	
11	0060	00	37		05	82		04	65	08	26		1	3	03	
11	0065	00	54		05	85		04	67	08	10		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
			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	0279 0070	61 13 16	0	17 32	66 08 20 10	29 12	12 006	1 1 2 0							
12	0000	11 50		05 13	03 61	07 82		1 3 03							
12	0005	11 50		05 10	03 58			1 3 03							
12	0010	08 16		05 20	03 99	08 23		1 3 03							
12	0015	04 01		05 42	04 36			1 3 03							
12	0020	01 92		05 59	04 51	08 69		1 3 03							
12	0030	00 86		05 58	04 47	07 86		1 3 03							
12	0040	00 56		05 85	04 67	08 31		1 3 03							
12	0050	00 64		05 91	04 72	08 00		1 3 03							
12	0060	00 84		05 93	04 75	08 06		1 3 03							
77 11	0280 0040	61 16 18	0	17 24	66 08 20 06	29 14	14 007	1 1 2 0							
14	0000	14 50		04 41	02 63	07 14		1 3 03							
14	0005	14 37		04 42	02 66			1 3 03							
14	0010	12 64		04 82	03 22	07 13		1 3 03							
14	0015	08 39		05 18	03 95			1 3 03							
14	0020	07 73		05 24	04 04	07 79		1 3 03							
14	0030	02 09		05 64	04 55	08 20		1 3 03							
77 11	0281 0029	61 12 18	0	17 15	66 08 18 04	29 15	15 000	1 4 2 0							
15	0000	14 87		04 12	02 35	07 75		1 3 03							
15	0005	12 95		04 72	03 10	07 04		1 3 03							
15	0010	11 88		04 89	03 38	07 35		1 3 03							
15	0015	09 78		05 13	03 79	07 92		1 3 03							
15	0020	09 52		05 22	03 89	07 88		1 3 03							
15	0025	06 53		05 26	04 14	07 75		1 3 03							
77 11	0282 0450	58 35 12	0	18 14	66 08 05 04	30 20	20 011	1 1 3 0							
20	0000	12 12		06 59	04 66	07 56		1 3 03							
20	0005	12 00		06 57	04 67	07 60		1 3 03							
20	0010	12 12		06 56	04 64	08 04		1 3 03							
20	0015	11 61		06 60	04 73	07 57		1 3 03							
20	0020	03 47		07 07	05 70	08 55		1 3 03							
20	0030	03 23		07 44	06 00	08 77		1 3 03							
20	0040	01 98		07 52	06 06	08 69		1 3 03							
20	0050	01 38		07 70	06 20	07 93		1 3 03							
20	0060	02 06		08 12	06 53	06 30		1 3 03							
20	0070	03 46		09 24	07 41	02 55		1 3 03							
20	0080	04 10		10 14	08 11	01 04		1 3 03							
20	0090	04 47		10 64	08 50	00 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	Oxygen		Saturat. %	Salin. method	Extra info.	Card code
		↓	↓	↓			ml/l	↓				

77 11 0282

20	0100	04	50	10	74	08	57	00	17		1	3	03
20	0125	04	68	10	94	08	72	00	28		1	3	03
20	0150	04	68	10	99	08	77	00	95		1	3	03
20	0200	04	76	11	09	08	84	00	31		1	3	03
20	0300	04	84	11	22	08	94	00	55		1	3	03
20	0400	04	87	11	24	08	95	00	18		1	3	03
20	0425	04	89	11	24	08	95	00	62		1	3	03
20	0440	04	88	11	24	08	95	00	15		1	3	03

77 11 0283 58 00 0 18 00 66 08 31 01 1 2 2 0
0175 13 14 14 014

01	0000	14	15	06	62	04	39	07	39		1	3	03
01	0005			06	62			07	20		1	3	03
01	0010	14	15	06	61	04	39	07	14		1	3	03
01	0015	13	72	06	60	04	44				1	3	03
01	0020	08	54	07	00	05	37	08	20		1	3	03
01	0030	01	93	07	24	05	84	08	87		1	3	03
01	0040	01	89	07	45	06	01	08	48		1	3	03
01	0050	02	10	08	00	06	44	06	56		1	3	03
01	0060	03	46	09	26	07	43	02	57		1	3	03
01	0070	04	16	10	02	08	01	01	46		1	3	03
01	0080	04	23	10	31	08	24	00	76		1	3	03
01	0090	04	34	10	47	08	28	00	26		1	3	03
01	0100	04	38	10	56	08	44	00	28		1	3	03
01	0125	04	44	10	68	08	54	00	32		1	3	03
01	0150	04	49	10	71	08	55	00	29		1	3	03
01	0170	04	50	10	74	08	57	00	22		1	3	03

77 11 0284 57 39 0 18 12 66 08 31 03 1 2 2 0
0100 13 14 12 010

03	0000	13	63	06	76	04	58	07	10		1	3	03
03	0005	13	67	06	76	04	58				1	3	03
03	0010	13	62	06	76	04	59	07	14		1	3	03
03	0015	12	87	06	78	04	71				1	3	03
03	0020	12	63	06	98	04	89				1	3	03
03	0030	07	78	07	13	05	54	07	90		1	3	03
03	0040	05	58	07	29	05	80				1	3	03
03	0050	01	66	07	46	06	00	08	55		1	3	03
03	0060	02	57	08	09	06	52	05	49		1	3	03
03	0070	03	79	09	63	07	71	00	93		1	3	03
03	0080	04	16	10	09	08	07	00	15		1	3	03
03	0090	04	34	10	47	08	37	00	18		1	3	03

77 11 0285 57 40 0 17 56 66 08 31 05 1 3 2 0
0105 13 14 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										
		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 0285

05	0000	13 68		06 75	04 57	07 06			1	3	03					
05	0005	13 67		06 76	04 57				1	3	03					
05	0010	13 66		06 72	04 55	07 21			1	3	03					
05	0015	13 62		06 76	04 59				1	3	03					
05	0020	12 05		06 81	04 84				1	3	03					
05	0030	02 80		07 11	05 73	08 34			1	3	03					
05	0040	01 46		07 39	05 95				1	3	03					
05	0050	01 81		07 87	06 33	06 68			1	3	03					
05	0060	02 84		08 61	06 92	04 11			1	3	03					
05	0070	02 87		09 36	07 52	01 95			1	3	03					
05	0080	04 10		10 06	08 05	00 43			1	3	03					
05	0090	04 30		10 39	08 31	00 07			1	3	03					
05	0100	04 37		10 54	08 43				1	3	03					

77	11	0286	57 42	0	17 39	66 08	31	06	2	7	3	0				
		0090	14			14 14		017								

06	0000	13 55		06 74	04 59	07 18			1	3	03					
06	0005	13 55		06 76	04 59				1	3	03					
06	0010	13 56		06 70	04 54	07 26			1	3	03					
06	0015	13 53		06 70	04 54				1	3	03					
06	0020	11 84		06 78	04 85				1	3	03					
06	0030	03 21		07 14	05 75	08 51			1	3	03					
06	0040	03 02		07 48	06 03				1	4	03					
06	0050	01 53		07 86	06 32	07 68			1	4	03					
06	0060	03 06		08 72	07 01	03 57			1	3	03					
06	0070	03 83		09 63	07 71	01 26			1	3	03					
06	0080	04 32		10 35	08 27	01 39			1	3	03					

77	11	0287	57 43	0	17 22	66 08	31	08	2	7	3	0				
		0145	15			14 14		020								

08	0000	13 98		06 77	04 54	07 00			1	3	03					
08	0005	13 93		06 74	04 53				1	3	03					
08	0010	13 93		06 73	04 53	06 99			1	3	03					
08	0015	13 92		06 73	04 53				1	3	03					
08	0020	13 85		06 71	04 51				1	3	03					
08	0030	06 38		06 98	05 51	08 17			1	3	03					
08	0040	02 36		07 60	06 14				1	3	03					
08	0050	02 04		07 97	06 41	06 10			1	3	03					
08	0060	02 91		08 66	06 96	03 94			1	3	03					
08	0070	03 65		09 45	07 58	01 60			1	3	03					
08	0080	04 13		10 08	08 06	00 38			1	3	03					
08	0090	04 26		10 32	08 25	00 21			1	3	03					
08	0100	04 37		10 48	08 38	00 06			1	3	03					
08	0125	04 49		10 57	08 44	00 16			1	3	03					
08	0135	04 43		10 64	08 50	00 52			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
			o	'		o	'								
		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	57 45	0	17 06	66 08	31	09	2 7 2 0							
	0070	15			14 10		011								
	09 0000	11 82		06 78	04 85	07 56		1 3 03							
	09 0005	11 82		06 78	04 85			1 3 03							
	09 0010	11 62		06 79	04 88	07 49		1 3 03							
	09 0015	09 70		06 82	05 12			1 3 03							
	09 0020	09 44		06 85	05 18			1 3 03							
	09 0030	04 13		07 06	05 67	08 00		1 3 03							
	09 0040	02 22		07 28	05 86			1 3 03							
	09 0050	01 66		07 44	05 96	08 04		1 3 03							
	09 0060	02 24		08 11	06 52	05 90		1 3 03							
77 11	0289	57 46	0	16 50	66 08	31	10	2 7 2 0							
	0025	15			16 10		013								
	10 0000	12 14		06 77	04 80	07 43		1 3 03							
	10 0005	12 14		06 77	04 80			1 3 03							
	10 0010	12 02		06 78	04 83	07 51		1 3 03							
	10 0015	10 72		06 78	04 98	07 47		1 3 03							
	10 0020	09 65		06 83	05 15	07 46		1 3 03							
77 11	0290	57 37	0	17 02	66 08	31	12	2 7 3 0							
	0060	16			14 08		000								
	12 0000	13 17		06 76	04 66	07 33		1 3 03							
	12 0005	13 16		06 76	04 66			1 3 03							
	12 0010	13 13		06 76	04 66	07 21		1 3 03							
	12 0015	12 45		06 78	04 77			1 3 03							
	12 0020	08 52		06 90	05 29			1 3 03							
	12 0030	02 37		07 18	05 79	08 23		1 3 03							
	12 0040	01 74		07 38	05 95	08 33		1 3 03							
	12 0050	01 67		07 51	06 06	07 80		1 3 03							
77 11	0291	57 31	0	17 06	66 08	31	13	2 7 3 0							
	0075	16			14 16		000								
	13 0000	12 52		06 82	04 79	07 32		1 3 03							
	13 0005	12 45		06 82	04 80			1 3 03							
	13 0010	12 32		06 82	04 82	07 38		1 3 03							
	13 0015	12 08		06 83	04 87			1 3 03							
	13 0020	09 63		06 88	05 18			1 3 03							
	13 0030	06 69		07 08	05 58	07 73		1 3 03							
	13 0040	03 81		07 14	05 75			1 3 03							
	13 0050	02 04		07 36	05 94	08 12		1 3 03							
	13 0060	03 11		08 91	07 16	02 89		1 3 03							
	13 0070	04 11		10 11	08 10	00 09		1 3 03							
77 11	0292	57 26	0	17 01	66 08	31	14	2 8 3 0							
	0050	16			14 16		007								

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 0292

14	0000	12 02	06 87	04 90	07 36	1 3 03
14	0005	12 08	06 84	04 87		1 3 03
14	0010	09 97	06 84	05 12	07 55	1 3 03
14	0015	09 05	06 92	05 27		1 3 03
14	0020	09 72	06 98	05 25		1 3 03
14	0030	05 24	07 24	05 77	07 71	1 3 03
14	0040	03 87	07 33	05 90	07 65	1 3 03

77 11 0293 57 07 0 17 40 66 08 31 17 2 8 3 0
0110 13 14 14 011

17	0000	12 46	07 02	04 95	07 49	1 3 03
17	0005	12 39	07 03	04 97		1 3 03
17	0010	12 40	07 04	04 97	07 25	1 3 03
17	0015	11 56	07 04	05 08		1 3 03
17	0020	05 95	07 02	05 57		1 3 03
17	0030	01 71	07 38	05 95	08 52	1 3 03
17	0040	02 10	07 80	06 29		1 3 03
17	0050	02 98	08 58	06 90	03 31	1 3 03
17	0060	03 54	09 32	07 47	00 99	1 3 03
17	0070	03 69	09 48	07 60	00 58	1 3 03
17	0080	03 97	09 88	07 91	00 59	1 3 03
17	0090	04 20	10 18	08 14	00 00	1 3 03
17	0100	04 29	10 31	08 24		1 3 03
17	0105	04 33	10 45	08 36		1 3 03

77 11 0294 56 33 0 17 04 66 08 31 21 2 8 3 0
0073 14 14 10 013

21	0000	13 64	06 75	04 58	07 12	1 3 03
21	0005	13 62	06 74	04 58		1 3 03
21	0010	13 59	06 74	04 58	07 10	1 3 03
21	0015	13 25	06 78	04 66		1 3 03
21	0020	11 50	06 84	04 94		1 3 03
21	0030	05 51	07 08	05 62	08 15	1 3 03
21	0040	03 56	07 17	05 78		1 3 03
21	0050	03 14	07 52	06 06	07 10	1 3 03
21	0060	02 70	08 11	06 52	05 02	1 3 03
21	0070	03 50	09 17	07 35	01 75	1 3 03

77 11 0295 56 30 0 16 52 66 08 31 22 2 8 3 0
0065 14 14 08 013

22	0000	13 40	06 85	04 68	07 07	1 3 03
22	0005	13 38	06 85	04 69		1 3 03
22	0010	13 39	06 83	04 67	07 21	1 3 03

Country	Ship	Station number	Latitude		Longitude	Year	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	0295												
	22 0015		12 44		06 86		04 83				1 3	03	
	22 0020		12 10		06 89		04 90				1 3	03	
	22 0030		06 16		06 99		05 54	08 14			1 3	03	
	22 0040		04 14		07 21		05 80				1 3	03	
	22 0050		02 53		07 57		06 11	07 11			1 3	03	
	22 0060		02 82		08 35		06 71	04 55			1 3	03	
77 11	0296		56 19	0	16 41		66 08	31 24			6 8	3 0	
	0027		14				14 08		022				
	24 0000		13 28		06 91		04 75	07 30			1 3	03	
	24 0005		13 26		06 91		04 75				1 3	03	
	24 0010		13 24		06 93		04 78	07 19			1 3	03	
	24 0015		13 25		06 97		04 80				1 3	03	
	24 0020		13 22		07 04		04 86	07 09			1 3	03	
	24 0025		08 69		07 08		06 81	07 60			1 3	03	
77 11	0297		55 05	0	12 44		66 09	01 16			2 7	1 0	
	0027		14				00 00		004				
	16 0000		15 12		07 68		05 05	07 20			1 3	03	
	16 0005		14 57		07 71		05 16				1 3	03	
	16 0010		14 25		07 75		05 25	06 83			1 3	03	
	16 0015		14 25		07 76		05 25				1 3	03	
	16 0020		14 34		07 81		05 28	06 82			1 3	03	
	16 0025		14 29		07 81		05 28	06 98			1 3	03	
77 11	0348		57 12	0	11 40		66 09	27 21			1 1	2 0	
	0075		09				29 08		006				
	21 0000		13 21		26 436		19 76	06 03			3 3	03	
	21 0005		13 21		26 460		19 78				3 3	03	
	21 0010		13 82		29 599		22 09	06 10			3 3	03	
	21 0015		14 89		31 430		23 27				3 3	03	
	21 0020		14 34		31 587		23 55				3 3	03	
	21 0030		14 22		31 850		23 73	05 33			3 3	03	
	21 0040		13 50		32 476		24 36	04 58			3 3	03	
	21 0050		12 27		33 026		25 02	04 19			3 3	03	
	21 0060		10 25		33 818		26 01	03 71			3 3	03	
	21 0070		09 77		34 023		26 25	03 54			3 3	03	
77 11	0349		56 58	0	11 46		66 09	27 23			0 0	2 0	
	0098		09				29 06		012				
	23 0000		13 22		27 254		20 39	05 99			3 3	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								
		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

23 0005	13 42	28 067	20 98						3 3 03
23 0010	13 47	28 689	21 45	06 00					3 3 03
23 0020	14 14	31 274	23 30						3 3 03
23 0030	14 00	31 691	23 65	04 99					3 3 03
23 0040	13 46	32 293	24 22						3 3 03
23 0050	11 74	32 722	24 90	03 58					3 3 03
23 0060	10 68	33 428	25 64	03 41					3 3 03

77 11 0350	56 14	0	12 22	66 09	28	04	1 1 2 0
0024	09			14 10		000	

04 0000	13 16	21 488	15 96	06 07					3 3 03
04 0005	13 13	21 503	15 97						3 3 03
04 0010	13 52	22 085	16 35	06 15					3 3 03
04 0015	13 47	22 360	16 58	05 91					3 3 03
04 0020	13 36	23 016	17 11	05 72					3 3 03

77 11 0351	58 25	0	11 03	66 10	11	22	2 8 3 0
0059	07 6			29 18		018	

22 0000	12 20	27 915	21 11						3 0 03
22 0003	12 24	27 876	21 08						3 0 03
22 0013	12 35	28 457	21 48						3 0 03
22 0023	13 24	31 883	23 94						3 0 03
22 0033	12 75	32 215	24 30						3 0 03
22 0043	12 84	32 460	24 47						3 0 03
22 0053	10 00	34 209	26 36						3 0 03
22 0058	07 95	34 811	27 17						3 0 03

77 11 0352	58 16	0	11 22	66 10	14	07	2 8 9 0
0052	05 5			09 08		011	

07 0000	11 22	24 185	18 39						3 0 03
07 0005	11 17	24 167	18 39						3 0 03
07 0010	11 25	24 797	18 86						3 0 03
07 0015	11 57	25 249	19 15						3 0 03
07 0020	12 31	27 451	20 73						3 0 03
07 0025	12 87	29 688	22 33						3 0 03
07 0030	12 97	31 137	23 44						3 0 03
07 0035	12 64	32 374	24 44						3 0 03
07 0040	12 27	32 707	24 78						3 0 03
07 0045	11 94	33 090	25 09						3 0 03

77 11 0353	58 10	0	09 45	66 10	18	09	2 7 4 0
0470	11			18 22		013	

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	1	2	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	0353														
	09	0000	10	62		31	851	24	43				3	0	03	
	09	0010	10	56		31	877	24	46				3	0	03	
	09	0025	08	94		34	969	27	13				3	0	03	
	09	0050	07	33		35	091	27	46				3	0	03	
	09	0100	06	22		35	088	27	61				3	0	03	
	09	0200	06	15		35	135	27	66				3	0	03	
	09	0300	05	13		35	120	27	78				3	0	03	
	09	0400	05	05		35	015	27	71				3	0	03	
	09	0450	04	45		34	986	27	75				3	0	03	
77	11	0354	58	05	0	09	50	66	10	21	11		1	4	2	0
		0300	14	5				20	08		010					
	11	0000	11	59		32	195	24	52				3	0	03	
	11	0015	12	14		33	440	25	36				3	0	03	
	11	0025	09	30		34	840	26	97				3	0	03	
	11	0050	07	41		35	126	27	49				3	0	03	
	11	0100	06	49		35	180	27	65				3	0	03	
	11	0150	06	18		35	124	27	64				3	0	03	
	11	0200	06	06		35	135	27	67				3	0	03	
	11	0250	05	78		35	123	27	70				3	0	03	
	11	0285	05	62		35	111	27	71				3	0	03	
77	11	0355	58	19	0	11	33	66	10	28	09		0	0	0	0
		0116	01					02	04		000					
	09	0000	08	03		20	106	15	65				3	0	03	
	09	0005	09	82		22	910	17	52				3	0	03	
	09	0010	09	97		24	413	18	75				3	0	03	
	09	0020	12	85		31	988	24	11				3	0	03	
	09	0030	11	85		32	641	24	82				3	0	03	
	09	0040	11	83		32	938	25	05				3	0	03	
	09	0050	11	19		33	141	25	33				3	0	03	
	09	0060	05	28		34	063	26	91				3	0	03	
	09	0080	04	72		34	288	27	16				3	0	03	
	09	0100	04	67		34	324	27	19				3	0	03	
	09	0110	04	65		34	342	27	21				3	0	03	
77	11	0356	58	16	0	11	22	66	10	28	11		0	0	0	0
		0055	05					07	04		013					
	11	0000	09	58		20	841	16	02				3	0	03	
	11	0005	09	92		22	098	16	96				3	0	03	
	11	0010	09	83		23	143	17	78				3	0	03	
	11	0015	10	46		24	081	18	42				3	0	03	
	11	0020	12	20		32	292	24	46				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	0356											
	11	0025	12	13	32 785	24	86				3	0	03
	11	0030	12	11	33 106	25	11				3	0	03
	11	0035	12	10							0	0	03
	11	0040	12	13	33 267	25	23				3	0	03
	11	0045	12	10	33 261	25	23				3	0	03
77	11	0357	55	00	0 14 05	66	11	15	19		2	8	3 0
		0048	09	8			18 16		038				
	19	0000	08	79	07 73	05	92	07	48		1	3	03
	19	0005	08	78	07 72	05	92				1	3	03
	19	0010	08	79	07 72	05	92	07	45		1	3	03
	19	0015	08	80	07 72	05	91				1	3	03
	19	0020	08	79	07 71	05	90				1	3	03
	19	0030	08	81	07 71	05	90	07	46		1	3	03
	19	0040	12	27	12 92	09	52	04	56		1	3	03
	19	0045	12	56	17 81	13	25	01	24		1	3	03
77	11	0358	55	18	0 14 24	66	11	15	22		2	8	3 0
		0048	09	9			18 16		033				
	22	0000	08	57	07 50	05	75	07	48		1	3	03
	22	0005	08	56	07 50	05	75				1	3	03
	22	0010	08	54	07 49	05	75	07	52		1	3	03
	22	0015	08	56	07 49	05	75				1	3	03
	22	0020	08	56	07 50	05	75				1	3	03
	22	0030	08	57	07 50	05	75	07	47		1	3	03
	22	0040	09	69	12 63	09	65	03	50		1	3	03
	22	0045	12	19	14 14	10	49	04	15		1	3	03
77	11	0359	55	23	0 15 20	66	11	16	01		2	8	3 0
		0090	06	5			18 16		034				
	01	0000	08	14	07 48	05	78	07	52		1	3	03
	01	0005	08	16	07 49	05	78				1	3	03
	01	0010	08	14	07 48	05	78	06	95		1	3	03
	01	0015	08	13	07 48	05	78				1	3	03
	01	0020	08	15	07 48	05	78	07	50		1	3	03
	01	0030	08	75	07 48	05	73	07	50		1	3	03
	01	0040	08	37	07 48	05	76	07	46		1	3	03
	01	0050	08	33	07 50	05	78	07	45		1	3	03
	01	0060	04	82	08 24	06	58	05	84		1	3	03
	01	0070	09	05	12 02	09	23	04	84		1	3	03
	01	0080	11	13	14 46	10	88	03	86		1	3	03
77	11	0360	55	15	0 15 59	66	11	16	05		2	8	3 0
		0090	05	9			18 18		036				

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	0360											
	05	0000	08 45		07 42	05 70	07 56			1 3 03			
	05	0005	08 48		07 40	05 69	07 52			1 3 03			
	05	0010	08 48		07 40	05 69	07 48			1 3 03			
	05	0015	08 48		07 40	05 69	07 48			1 3 03			
	05	0020	08 46		07 40	05 69	07 49			1 3 03			
	05	0030	08 48		07 40	05 69	07 62			1 3 03			
	05	0040	04 44		07 72	06 17	07 12			1 3 03			
	05	0050	04 56		09 77	07 80	05 29			1 3 03			
	05	0060	06 43		12 11	09 54	04 61			1 3 03			
	05	0070	07 63		13 92	10 86	03 42			1 3 03			
	05	0080	07 64		15 63	12 19	00 39			1 3 03			
	05	0087	09 28		16 47	12 66	01 62			1 3 03			
77	11	0361	55 13	0	17 04	66 11	16	10		2 8 3 0			
		0090	05 2			14 26		032					
	10	0000	08 28		07 33	05 64	07 65			1 3 03			
	10	0005	08 30		07 32	05 64				1 3 03			
	10	0010	08 27		07 32	05 64	07 68			1 3 03			
	10	0015	08 27		07 32	05 64				1 3 03			
	10	0020	08 27		07 33	05 65				1 3 03			
	10	0030	08 26		07 33	05 66	07 66			1 3 03			
	10	0040	03 56		08 02	06 44				1 3 03			
	10	0050	03 46		08 83	07 08	04 74			1 3 03			
	10	0060	05 31		11 44	09 07	03 74			1 3 03			
	10	0070	06 19		13 18	10 40	03 08			1 3 03			
	10	0080	06 34		13 73	10 83	02 42			1 3 03			
77	11	0362	56 19	0	16 41	66 11	16	17		2 8 3 0			
		0031	06 3			16 20		018					
	17	0000	08 10		07 43	05 74	07 46			1 3 03			
	17	0005	08 10		07 41	05 72				1 3 03			
	17	0010	08 10		07 46	05 77	07 34			1 3 03			
	17	0015	08 07		07 43	05 75				1 3 03			
	17	0020	07 21		07 46	05 83	07 26			1 3 03			
	17	0025	02 91		08 18	06 58	05 33			1 3 03			
77	11	0363	56 30	0	16 52	66 11	16	18		2 8 3 0			
		0065	05 8			16 16		030					
	18	0000	07 63		07 23	05 62	07 61			1 3 03			
	18	0005	07 58		07 23	05 64				1 3 03			
	18	0010	07 61		07 23	05 63	07 61			1 3 03			
	18	0015	07 59		07 22	05 62				1 3 03			
	18	0020	07 61		07 22	05 62				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 0363

18	0030	07	59		07	24		05	64	07	76		1	3	03	
18	0040	02	80		08	06		06	50	05	72		1	3	03	
18	0050	03	25		08	91		07	14	03	04		1	3	03	
18	0060	03	83		09	70		07	76	05	20		1	3	03	

77	11	0364	56	33	0	17	04	66	11		16	19	2	8	3	0
		0069	06	0				16	16			034				

19	0000	07	25		07	16		05	60	07	72		1	3	03	
19	0005	07	24		07	16		05	60				1	3	03	
19	0010	07	25		07	16		05	60	06	42		1	3	03	
19	0015	07	21		07	15		05	60				1	3	03	
19	0020	07	24		07	15		05	60				1	3	03	
19	0030	07	23		07	15		05	60	06	93		1	3	03	
19	0040	03	34		07	91		06	36	06	04		1	3	03	
19	0050	03	28		08	56		06	87	04	59Q		1	3	03	
19	0060	03	74		09	48		07	60	01	82		1	3	03	

77	11	0365	57	07	0	17	40	66	11		17	02	6	8	3	0
		0110	06	2				16	16			039				

02	0000	07	23		07	05		05	52	07	69		1	3	03	
02	0005	07	17		07	05		05	53	07	80		1	3	03	
02	0010	07	18		07	05		05	53	07	70		1	3	03	
02	0015	07	15		07	04		05	52	07	78		1	3	03	
02	0020	07	15		07	04		05	52	07	74		1	3	03	
02	0030	07	25		07	07		05	53	07	63		1	3	03	
02	0040	06	35		07	10		05	62	07	74		1	3	03	
02	0050	02	46		07	80		06	28	06	64		1	3	03	
02	0060	02	83		08	40		06	76	04	47		1	3	03	
02	0070	03	27		09	00		07	22	02	42		1	3	03	
02	0080	03	91		09	85		07	88	00	38		1	3	03	
02	0090	04	21		10	24		08	19	00	04		1	3	03	
02	0100	04	18		10	38		08	31				1	3	03	

77	11	0366	57	45	0	17	06	66	11		17	06	6	8	2	0
		0070	06	8				05	06			014				

06	0000	06	15		07	10		05	63	07	90		1	3	03	
06	0005	06	13		07	10		05	63				1	3	03	
06	0010	06	13		07	08		05	62	07	84		1	3	03	
06	0015	05	95		07	11		05	64				1	3	03	
06	0020	05	03		07	26		05	81				1	3	03	
06	0030	03	72		07	48		06	01	07	51		1	3	03	
06	0040	02	54		08	04		06	46	06	15		1	3	03	
06	0050	03	28		09	08		07	29	02	74		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.	depth m					
Obs. time	Obs. depth m	Temperature °C			Salinity ‰			σ_t	ml/l	Oxygen	Saturat. ‰	Salin. method	Extra info.	Card code		
			↓		↓		↓	↓	↓	↓	↓					
77 11	0366															
	06 0060		03 92			09 91		07 94		00 74			1 3 03			
77 11	0367		57 46	0		16 50		66 11		17 08			6 8 2 0			
	0030		06 2					05 06				014				
	08 0000		06 25			07 06		05 60		07 87			1 3 03			
	08 0005		06 23			07 03		05 56					1 3 03			
	08 0010		06 04			07 11		05 64		07 86			1 3 03			
	08 0015		05 58			07 19		05 72					1 3 03			
	08 0020		03 88			07 51		06 03		07 34			1 3 03			
77 11	0368		57 43	0		17 22		66 11		17 10			1 5 2 0			
	0145		07 2					11 04				007				
	10 0000		06 63			07 03		05 54		07 80			1 3 03			
	10 0005		06 65			07 02		05 54					1 3 03			
	10 0010		06 36			07 08		05 60		07 93			1 3 03			
	10 0015		06 16			07 10		05 62					1 3 03			
	10 0020		06 15			07 11		05 64					1 3 03			
	10 0030		04 43			07 44		05 96		07 44			1 3 03			
	10 0040		02 83			07 75		06 24					1 3 03			
	10 0050		02 74			08 17		06 56		05 43			1 3 03			
	10 0060		03 18			08 98		07 21		02 90			1 3 03			
	10 0070		04 03			10 06		08 05		00 38			1 3 03			
	10 0080		04 23			10 31		08 24		00 08			1 3 03			
	10 0090		04 38			10 57		08 45		00 07			1 3 03			
	10 0100		04 45			10 64		08 53		00 06			1 3 03			
	10 0125		04 45			10 64		08 53		00 06			1 3 03			
77 11	0369		57 42	0		17 39		66 11		17 11			1 4 2 0			
	0092		07 8					11 10				035				
	11 0000		06 85			06 93		05 45		08 08			1 3 03			
	11 0005		06 83			06 93		05 45					1 3 03			
	11 0010		06 83			06 93		05 45		07 86			1 3 03			
	11 0015		06 79			06 93		05 45					1 3 03			
	11 0020		06 77			06 94		05 47					1 3 03			
	11 0030		06 74			06 94		05 47		07 88			1 3 03			
	11 0040		02 98			07 41		05 97					1 3 03			
	11 0050		02 05			07 68		06 18		07 41			1 3 03			
	11 0060		02 69			08 47		06 81		04 66			1 3 03			
	11 0070		03 72			09 66		07 74		01 34			1 3 03			
	11 0080		04 16			10 23		08 19		00 11			1 3 03			
77 11	0370		57 40	0		17 56		66 11		17 13			2 7 2 0			
	0100		07 8					11 10				032				

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 0370

13	0000	06	73	06	87	05	41	07	92			1	3	03		
13	0005	06	69	06	82	05	37					1	3	03		
13	0010	06	67	06	84	05	39	07	92			1	3	03		
13	0015	06	68	06	85	05	40					1	3	03		
13	0020	06	67	06	85	05	40					1	3	03		
13	0030	06	70	06	87	05	41	07	91			1	3	03		
13	0040	02	87	07	43	05	99					1	3	03		
13	0050	02	18	07	83	06	31					1	3	03		
13	0060	02	78	08	61	06	92	04	39			1	3	03		
13	0070	03	62	09	47	07	67	01	66			1	3	03		
13	0080	04	03	10	02	08	02	00	26			1	3	03		
13	0090	04	30	10	38	08	30	00	04			1	3	03		
13	0095	04	34	10	43	08	33					1	3	03		

77 11 0371

	0098	57	39	0	18	12	66	11	17	14		2	7	2	0	
		08	0				20	06		044						
14	0000	06	90	06	82	05	36	08	02			1	3	03		
14	0005	06	85	06	82	05	36					1	3	03		
14	0010	06	85	06	82	05	36	07	87			1	3	03		
14	0015	06	83	06	82	05	36					1	3	03		
14	0020	06	82	06	82	05	36					1	3	03		
14	0030	06	83	06	82	05	36	07	81			1	3	03		
14	0040	06	81	06	82	05	37					1	3	03		
14	0050	02	96	07	94	06	39	06	03			1	3	03		
14	0060	03	41	09	21	07	39	02	31			1	3	03		
14	0070	04	09	10	14	08	11	00	18Q			1	3	03		
14	0080	04	24	10	34	08	26	00	03			1	3	03		
14	0090	04	28	10	37	08	29	00	00			1	3	03		

77 11 0372

	0175	58	00	0	18	00	66	11	17	17		0	0	2	0	
		06	9				18	02		038						
17	0000	06	69	06	87	05	42	07	77			1	3	03		
17	0005	06	61	06	89	05	43					1	3	03		
17	0010	06	61	06	88	05	43	07	98			1	3	03		
17	0015	06	61	06	88	05	43					1	3	03		
17	0020	06	60	06	89	05	43					1	3	03		
17	0030	06	56	06	91	05	45	07	91			1	3	03		
17	0040	03	97	07	37	05	92					1	3	03		
17	0050	02	14	07	60	06	12	07	64			1	3	03		
17	0060	02	40	08	13	06	54	05	76			1	3	03		
17	0070	03	26	09	05	07	26	02	76			1	3	03		
17	0080	04	18	10	18	08	14	00	14			1	3	03		
17	0090	04	32	10	36	08	29	00	06			1	3	03		
17	0100	04	36	10	50	08	39	00	06			1	3	03		
17	0125	04	45	10	66	08	52	00	08			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	'	°								
		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	0372															
	17 0150		04 50		10 69		08 54		00 04				1 3 03			
77 11	0373		58 35	0	18 14		66 11		17 21				2 8 3 0			
	0459		06 0				05 16				011					
	22 0000		06 46		06 74		05 32		07 91				1 3 03			
	22 0005		06 40		06 72		05 31						1 3 03			
	22 0010		06 38		06 74		05 33		07 94				1 3 03			
	22 0015		06 25		06 75		05 34						1 3 03			
	22 0020		05 90		06 86		05 45						1 3 03			
	22 0030		05 68		06 98		05 55		07 91				1 3 03			
	22 0040		02 95		07 46		06 02						1 3 03			
	22 0050		02 35		07 81		06 29		06 94				1 3 03			
	22 0060		02 75		08 50		06 83						1 3 03			
	22 0070		03 53		09 39		07 53		01 99				1 3 03			
	22 0080		04 05		10 06		08 05						1 3 03			
	22 0090		04 36		10 44		08 34						1 3 03			
	21 0100		04 35		10 51		08 41		00 16				1 3 03			
	21 0125		04 47		10 69		08 54						1 3 03			
	21 0150		04 61		10 88		08 68		00 05				1 3 03			
	21 0200		04 74		11 06		08 81		00 08				1 3 03			
	21 0300		04 79		11 16		08 89		00 08				1 3 03			
	21 0400		04 82		11 20		08 93		00 07				1 3 03			
	21 0425		04 84		11 20		08 93		00 04				1 3 03			
	21 0440		04 85		11 21		08 93		00 07				1 3 03			
77 11	0374		58 47	0	19 06		66 11		18 14				2 8 4 0			
	0153		05 4				05 22				019					
	15 0000		06 28		06 75		05 34		07 92				1 3 03			
	15 0005		06 27		06 75		05 34						1 3 03			
	15 0010		06 23		06 76		05 34		07 52				1 3 03			
	15 0015		06 20		06 75		05 34						1 3 03			
	15 0020		06 00		06 79		05 39						1 3 03			
	15 0030		05 83		06 92		05 50		07 80				1 3 03			
	15 0040		04 38		07 38		05 91						1 3 03			
	15 0050		02 56		07 64		06 15		07 63				1 3 03			
	15 0060		02 50		07 99		06 43						1 3 03			
	15 0070		02 93		08 67		06 96		04 43				1 3 03			
	14 0080		03 77		09 63		07 72						1 3 03			
	14 0090		04 25		10 26		08 21						1 3 03			
	14 0100		04 47		10 68		08 54		00 22				1 3 03			
	14 0125		04 64		10 86		08 67		00 05				1 3 03			
	14 0140		04 70		10 82		08 63		00 03				1 3 03			
77 11	0375		58 53	0	20 19		66 11		18 21				6 8 4 0			
	0170		06 0				07 30				036					

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 0375

22	0000	07 02	06 89	05 41	07 85	1 3 03		
22	0005	07 02	06 97	05 47		1 3 03		
22	0010	07 03	06 93	05 44	07 87	1 3 03		
22	0015	07 03	06 89	05 40		1 3 03		
22	0020	07 06	06 95	05 45		1 3 03		
22	0030	07 11	06 96	05 45	08 09	1 3 03		
22	0040	05 55	07 39	05 89		1 3 03		
22	0050	02 94	07 68	06 19	07 19	1 3 03		
22	0060	02 62	08 09	06 51		1 3 03		
22	0070	03 26	09 06	07 27	03 19	1 3 03		
21	0080	04 01	09 90	07 93	01 16	1 3 03		
21	0090	04 42	10 49	08 38	00 30	1 3 03		
21	0100	04 59	10 55	08 42	00 14	1 3 03		
21	0125	04 85	11 14	08 88	00 12	1 3 03		
21	0150	05 01	11 33	09 02	00 08	1 3 03		

77 11 0376 59 02 0 21 05 66 11 19 02 1 5 4 0
0145 05 1 07 24 021

02	0000	07 41	06 89	05 38	07 96	1 3 03		
02	0005	07 40	06 87	05 37		1 3 03		
02	0010	07 40	06 88	05 37	07 79	1 3 03		
02	0015	07 41	06 88	05 37		1 3 03		
02	0020	07 50	06 92	05 40		1 3 03		
02	0030	07 73	07 02	05 46	07 70	1 3 03		
02	0040	07 76	07 02	05 46		1 3 03		
02	0050	04 08	07 49	06 01	07 70	1 3 03		
02	0060	02 44	07 72	06 21	07 35	1 3 03		
02	0070	02 48	08 19	06 59	05 45	1 3 03		
02	0080	03 65	09 70	07 79	01 66	1 3 03		
02	0090	04 25	10 53	08 42	00 25	1 3 03		
02	0115	04 63	10 92	08 71	00 05	1 3 03		
02	0140	05 02	11 36	09 04	00 08	1 3 03		

77 11 0377 59 18 0 21 28 66 11 19 06 2 7 3 0
0105 04 2 05 22 048

06	0000	07 41	06 92	05 40	07 70	1 3 03		
06	0005	07 41	06 98	05 45		1 3 03		
06	0010	07 40	06 99	05 45	07 67	1 3 03		
06	0015	07 39	06 96	05 44		1 3 03		
06	0020	07 38	06 96	05 44		1 3 03		
06	0030	07 39	06 95	05 43	07 76	1 3 03		
06	0040	07 27	06 97	05 45		1 3 03		
06	0050	06 93	07 09	05 57		1 3 03		
06	0060	03 51	07 98	06 41	04 61	1 3 03		
06	0070	03 13	08 34	06 71	03 74	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 0377

06	0080	03	21		08	62		06	92	03	38		1	3	03	
06	0090	03	79		09	89		07	93	01	06		1	3	03	
06	0095	04	08		10	32		08	26	00	43		1	3	03	
06	0100	04	29		10	54		08	43	00	24		1	3	03	

77 11 0378

	0116	58	27	0	20	20		66	11	19	13		2	8	4	0
		04	2					07	22		051					
13	0000	07	81		07	05		05	49	07	75		1	3	03	
13	0005	07	81		07	05		05	49				1	3	03	
13	0010	07	77		07	05		05	49	07	62		1	3	03	
13	0015	07	79		07	05		05	49				1	3	03	
13	0020	07	76		07	05		05	49				1	3	03	
13	0030	07	74		07	06		05	49	07	66		1	3	03	
13	0040	07	77		07	06		05	49				1	3	03	
13	0050	07	71		07	15		05	55	07	61		1	3	03	
13	0060	02	74		07	77		06	25	06	97		1	3	03	
13	0070	02	70		08	39		06	74	05	02		1	3	03	
13	0080	03	80		09	86		07	90	01	27		1	3	03	
13	0090	04	50		10	69		08	54	00	13		1	3	03	
13	0100	04	75		10	96		08	74	00	18		1	3	03	

77 11 0379

	0207	58	00	0	19	54		66	11	20	21		2	8	4	0
		06	8					16	22		044					
21	0000	07	38		07	23		05	65	08	00		1	3	03	
21	0005	07	37		07	19		05	62				1	3	03	
21	0010	07	34		07	19		05	63	07	93		1	3	03	
21	0015	07	36		07	19		05	62				1	3	03	
21	0020	07	34		07	23		05	65				1	3	03	
21	0030	07	23		07	24		05	67	07	74		1	3	03	
21	0040	07	12		07	24		05	67				1	3	03	
21	0050	05	92		07	36		05	84	07	70		1	3	03	
21	0060	02	40		07	77		06	25	07	32		1	3	03	
21	0070	03	34		09	15		07	34	02	88		1	3	03	
21	0080	04	04		10	02		08	02	00	89		1	3	03	
21	0090	04	41		10	50		08	39	00	34		1	3	03	
21	0100	04	52		10	63		08	49	00	26		1	3	03	
21	0125	05	12		11	25		08	95	00	44		1	3	03	
21	0150	05	50		12	14		09	63	00	10		1	3	03	
21	0175	05	49		12	24		09	71				1	3	03	
21	0190	05	54		12	28		09	73				1	3	03	

77 11 0380

	0050	57	26	0	19	08		66	11	21	03		1	4	4	0
		05	6					16	18		036					
03	0000	06	50		07	35		05	80	07	75		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 0380

03	0005	06	47	07	34	05	80					1	3	03		
03	0010	06	51	07	35	05	80	07	79			1	3	03		
03	0015	06	50	07	34	05	80					1	3	03		
03	0020	06	50	07	35	05	80					1	3	03		
03	0030	06	47	07	35	05	80	07	82			1	3	03		
03	0040	04	38	07	58	06	07	07	43			1	3	03		

77	11	0381	57	24	0	19	26	66	11	21	05	2	8	3	0	
		0121	06	2				18	04		046					

05	0000	07	21	07	34	05	75	07	74			1	3	03		
05	0005	07	18	07	34	05	75					1	3	03		
05	0010	07	17	07	34	05	75	07	74			1	3	03		
05	0015	07	17	07	34	05	75					1	3	03		
05	0020	07	18	07	34	05	75					1	3	03		
05	0030	07	17	07	31	05	73	07	77			1	3	03		
05	0040	07	16	07	34	05	75					1	3	03		
05	0050	02	80	07	59	06	11	07	55			1	3	03		
05	0060	02	13	08	00	06	44	06	53			1	3	03		
05	0070	03	54	09	25	07	42	02	99			1	3	03		
05	0080	04	33	10	31	08	25	01	65			1	3	03		
05	0090	04	84	10	90	08	69	00	15			1	3	03		
05	0100	05	09	11	25	08	95	00	68			1	3	03		
05	0115	05	40	11	87	09	42	00	59			1	3	03		

77	11	0382	57	22	0	19	44	66	11	21	06	2	8	3	0	
		0170	05	8				18	04		045					

07	0000	07	27	07	25	05	67	07	74			1	3	03		
07	0005	07	28	07	25	05	67					1	3	03		
07	0010	07	30	07	22	05	65	07	67			1	3	03		
07	0015	07	16	07	26	05	69					1	3	03		
07	0020	07	15	07	28	05	70					1	3	03		
07	0030	07	07	07	31	05	73	07	74			1	3	03		
07	0040	07	09	07	31	05	73					1	3	03		
07	0050	05	53	07	42	05	91	07	41			1	3	03		
07	0060	02	94	08	08	06	50	05	82			1	3	03		
07	0070	03	57	09	29	07	45	02	53			1	3	03		
06	0080	04	44	10	43	08	34	00	71			1	3	03		
06	0090	04	90	10	98	08	75	00	55			1	3	03		
06	0100	05	17	11	38	09	05	00	76			1	3	03		
06	0125	05	54	12	29	09	74	00	10			1	3	03		
06	0150	05	72	12	66	10	02	00	03			1	3	03		

77	11	0383	57	20	0	20	03	66	11	21	08	2	8	3	0	
		0249	05	8				18	04		040					

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: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.	Grid code					
		↓		↓	↓	↓	↓	↓								

77 11 0383

09 0000	07 47	07 19	05 61	07 70	1 3 03
09 0005	07 48	07 19	05 61	07 75	1 3 03
09 0010	07 48	07 16	05 59	07 74	1 3 03
09 0015	07 48	07 16	05 59	07 70	1 3 03
09 0020	07 39	07 20	05 62	07 73	1 3 03
09 0030	07 40	07 24	05 65	07 79	1 3 03
09 0040	07 37	07 26	05 66	07 72	1 3 03
09 0050	02 14	07 77	06 25	07 01	1 3 03
09 0060	03 01	08 30	06 67	05 23	1 3 03
09 0070	03 66	09 44	07 57	02 45	1 3 03
09 0080	04 42	10 38	08 29	00 90	1 3 03
09 0090	04 81	10 87	08 67	00 73	1 3 03
08 0100	05 04	11 16	08 88	01 01	1 3 03
08 0125	05 41	11 79	09 35	00 72	1 3 03
08 0150	05 59	12 37	09 81	00 13	1 3 03
08 0175	05 70	12 61	09 99		1 3 03
08 0200	05 78	12 74	10 09	00 09	1 3 03
08 0225	05 82	12 87	10 18		1 3 03
08 0240	05 84	12 91	10 22		1 3 03

77 11 0384

0184	05 8	20 21	66 11	21 11	2 8 3 0
			18 04	044	
11 0000	07 15	07 30	05 72	07 72	1 3 03
11 0005	07 17	07 31	05 72		1 3 03
11 0010	07 14	07 31	05 72	07 74	1 3 03
11 0015	07 12	07 34	05 74		1 3 03
11 0020	07 13	07 34	05 74		1 3 03
11 0030	07 10	07 33	05 75	07 76	1 3 03
11 0040	07 10	07 33	05 75		1 3 03
11 0050	03 62	07 72	06 21	06 99	1 3 03
11 0060	02 68	08 16	06 56	05 63	1 3 03
11 0070	03 66	09 39	07 53	02 57	1 3 03
11 0080	04 56	10 53	08 41	00 83	1 3 03
11 0090	04 92	11 06	08 81	01 06	1 3 03
11 0095	05 02	11 25	08 95	01 10	1 3 03
11 0120	05 41	11 79	09 36	00 79	1 3 03
11 0145	05 63	12 45	09 87	00 73	1 3 03
11 0170	05 69	12 64	10 01		1 3 03
11 0180	05 73	12 66	10 03		1 3 03

77 11 0385

0095	05 8	20 39	66 11	21 13	2 8 3 0
			20 04	044	
13 0000	07 57	07 20	05 61	07 63	1 3 03
13 0005	07 57	07 21	05 61		1 3 03
13 0010	07 57	07 20	05 61	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	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 0385

13	0015	07 61	07 22	05 62								1	3	03
13	0020	07 61	07 23	05 62								1	3	03
13	0030	07 66	07 23	05 63	07 68							1	3	03
13	0040	07 68	07 25	05 64								1	3	03
13	0050	03 61	07 77	06 64	06 75							1	3	03
13	0060	04 12	09 68	07 74	02 23							1	3	03
13	0070	04 72	10 79	08 60	00 89							1	3	03
13	0080	04 85	11 04	08 79	00 91							1	3	03
13	0090	04 98	11 24	08 95	00 89							1	3	03

77	11	0386	57 13	0	20 56	66 11	21	14	2	8	3	0
		0031	06 4			20 04		031				

14	0000	07 79	07 31	05 68	07 60							1	3	03
14	0005	07 80	07 31	05 68								1	3	03
14	0010	07 80	07 31	05 68	07 59							1	3	03
14	0015	07 81	07 31	05 69								1	3	03
14	0020	07 78	07 31	05 69	07 53							1	3	03
14	0025	07 81	07 31	05 69	07 62							1	3	03

77	11	0387	57 16	0	20 39	66 11	22	20	2	8	2	0
		0099	04 2			14 06		042				

20	0000	07 52	07 15	05 57	07 69							1	3	03
20	0005	07 52	07 15	05 57								1	3	03
20	0010	07 55	07 12	05 56	07 67							1	3	03
20	0015	07 52	07 16	05 57								1	3	03
20	0020	07 49	07 16	05 59								1	3	03
20	0030	07 58	07 20	05 61	07 62							1	3	03
20	0040	07 60	07 28	05 67								1	3	03
20	0050	03 51	07 90	06 35	06 09							1	3	03
20	0060	03 88	09 25	07 41	03 45							1	3	03
20	0070	04 70	10 69	08 53	01 02							1	3	03
20	0080	04 89	11 00	08 77	01 06							1	3	03
20	0090	05 07	11 22	08 92	00 94							1	3	03

77	11	0388	57 05	0	18 42	66 11	23	02	2	8	2	0
		0023	05 2			23 02		023				

02	0000	06 30	07 27	05 75	07 90							1	3	03
02	0005	06 22	07 23	05 73								1	3	03
02	0010	06 20	07 27	05 75	07 92							1	3	03
02	0015	06 14	07 26	05 75								1	3	03
02	0020	06 18	07 26	05 75	07 93							1	3	03

77	11	0389	56 59	0	18 47	66 11	23	04	2	8	2	0
		0074	05 5			16 06		011				

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	°	°	'								
		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 0389

04	0000	06 24		07 27	05 75	07 89				1 3 03				
04	0005	06 21		07 27	05 75					1 3 03				
04	0010	06 28		07 28	05 76	07 62				1 3 03				
04	0015	06 37		07 29	05 76					1 3 03				
04	0020	06 46		07 30	05 76					1 3 03				
04	0030	06 32		07 29	05 76	07 71				1 3 03				
04	0040	05 25		07 47	05 95					1 3 03				
04	0050	03 99		07 66	06 15	07 08				1 3 03				
04	0060	03 07		07 64	06 15	04 21				1 3 03				
04	0070	04 01		09 84	07 88	01 35				1 3 03				

77 11 0390 56 51 0 18 52 66 11 23 05 2 8 2 0
0115 04 8 16 14 041

05	0000	06 72		07 30	05 75	07 63				1 3 03				
05	0005	06 78		07 30	05 75					1 3 03				
05	0010	06 79		07 29	05 74	07 82				1 3 03				
05	0015	06 79		07 29	05 74					1 3 03				
05	0020	06 76		07 29	05 74					1 3 03				
05	0030	06 76		07 29	05 74	07 81				1 3 03				
05	0040	06 74		07 29	05 74					1 3 03				
05	0050	02 08		07 74	06 23	07 38				1 3 03				
05	0060	02 71		08 34	06 71	05 39				1 3 03				
05	0070	03 78		09 52	07 63	02 08				1 3 03				
05	0080	04 30		10 22	08 17	00 85Q				1 3 03				
05	0090	04 66		10 68	08 52	00 97				1 3 03				
05	0100	04 94		11 05	08 80	00 85				1 3 03				

77 11 0391 56 07 0 19 19 66 11 23 10 2 8 2 0
0120 05 7 16 10 044

10	0000	07 42		07 36	05 75	07 77				1 3 03				
10	0005	07 41		07 34	05 74					1 3 03				
10	0010	07 40		07 34	05 74	07 86				1 3 03				
10	0015	07 40		07 34	05 74					1 3 03				
10	0020	07 39		07 36	05 75					1 3 03				
10	0030	07 41		07 34	05 74	07 73				1 3 03				
10	0040	07 36		07 34	05 74					1 3 03				
10	0050	02 33		07 68	06 18	07 57				1 3 03				
10	0060	02 54		08 29	06 67	05 67				1 3 03				
10	0070	03 97		09 87	07 91	02 20				1 3 03				
10	0080	04 40		10 68	08 54	01 41				1 3 03				
10	0090	04 67		11 07	08 82	01 36				1 3 03				
10	0100	04 72		11 29	09 00	01 64				1 3 03				
10	0110	04 70		11 34	09 04	01 55				1 3 03				

77 11 0392 55 38 0 18 36 66 11 23 14 2 8 3 0
0097 06 0 11 08 050

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 0392

14	0000	07 58	07 29	05 68	07 73	1 3 03			
14	0005	07 60	07 32	05 70		1 3 03			
14	0010	07 59	07 29	05 69	07 66	1 3 03			
14	0015	07 58	07 29	05 69		1 3 03			
14	0020	07 57	07 29	05 69		1 3 03			
14	0030	07 61	07 25	05 65	07 74	1 3 03			
14	0040	07 57	07 31	05 70		1 3 03			
14	0050	07 53	07 29	05 69	07 76	1 3 03			
14	0060	02 44	07 87	06 33	06 83	1 3 03			
14	0070	03 10	08 80	07 07	04 03	1 3 03			
14	0080	04 05	09 85	07 88	01 94	1 3 03			
14	0090	06 13	12 97	10 24	03 05	1 3 03			

77 11 0393

56 14	0	12 22	66 11	24	16	2 8 2 0			
0023			23 04		008				
16 0000		06 26	10 55	08 33	07 55	1 3 03			
16 0005		06 17	11 60	09 16		1 3 03			
16 0010		08 46	25 412	19 73	05 39	3 3 03			
16 0015		10 18	30 870	23 74		3 3 03			
16 0020		11 05	32 479	24 83	03 56	3 3 03			

77 11 0394

56 58	0	11 46	66 11	25	00	1 2 2 0			
0100		05 2	23 04		007				
00 0000		05 87	19 225	15 18	07 65	3 3 03			
00 0005		05 80	19 150	15 12		3 3 03			
00 0010		09 94	28 671	22 05	05 52	3 3 03			
00 0015		11 56	32 341	24 64		3 3 03			
00 0020		11 62	32 784	24 97		3 3 03			
00 0030		11 32	33 245	25 39	05 21	3 3 03			
00 0040		11 10	33 549	25 66		3 3 03			
00 0050		10 85	33 806	25 90	04 90	3 3 03			
00 0060		10 78	33 882	25 97	04 85	3 3 03			
00 0070		10 76	33 904	25 99	04 83	3 3 03			
00 0080		10 73	33 925	26 02	04 85	3 3 03			
00 0090		10 79	33 941	26 02	04 80	3 3 03			

77 11 0395

57 12	0	11 40	66 11	25	03	1 2 2 0			
0056		05 0	23 04		009				
03 0000		05 92	18 740	14 79	07 61	3 3 03			
03 0005		05 95	18 782	14 82		3 3 03			
03 0010		09 52	26 938	20 79	05 95	3 3 03			
03 0015		10 10	31 879	24 54		3 3 03			
03 0020		10 12	32 265	24 83		3 3 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 0395

03	0030	10 67		33 092	25 38	05 71			3 3 03
03	0040	10 76		33 610	25 77				3 3 03
03	0050	10 60		33 972	26 07	04 85			3 3 03

77	11	0396	58 06	0	09 48	66 12	01 16		2 8 2 0
		0365	04			11 08	000		

16	0000	08 24		33 078	25 76				3 0 03
16	0010	08 37		33 207	25 84				3 0 03
16	0025	08 42		33 289	25 90				3 0 03
16	0050	08 68		34 535	26 83				3 0 03
16	0100	08 03		35 183	27 43				3 0 03
16	0150	06 97		35 130	27 55				3 0 03
16	0200	07 03		35 152	27 56				3 0 03
16	0250	06 68		35 173	27 60				3 0 03
16	0300	06 27							0 03
16	0350	05 34		35 088	27 72				3 0 03

77	11	0397	58 08	0	09 50	66 12	07 16		2 8 3 0
		0325	05			18 06	000		

16	0000	07 48		32 792	25 64				3 0 03
16	0010	07 60		32 995	25 79				3 0 03
16	0025	08 25		33 925	26 42				3 0 03
16	0050	08 49		34 685	26 97				3 0 03
16	0100	07 18		35 033	27 44				3 0 03
16	0150	06 53		35 072	27 55				3 0 03
16	0200	06 18							0 03
16	0250	05 55		35 165	27 76				3 0 03
16	0300	05 33		35 092	27 73				3 0 03

77	11	0398	58 09	0	09 53	66 12	09 20		2 7 4 0
		0500	04			07 14	000		

20	0000	06 94		32 120	25 18				3 0 03
20	0010	07 20							0 03
20	0025	07 40		32 719	25 59				3 0 03
20	0050	07 78		34 917	27 26				3 0 03
20	0100	06 59		35 073	27 55				3 0 03
20	0200	06 23							0 03
20	0300	05 71		35 139	27 72				3 0 03
20	0400	05 20		35 062	27 72				3 0 03
20	0450	04 83		35 040	27 74				3 0 03

77	11	0399	58 16	0	11 22	66 12	10 08		1 2 2 0
		0050	05			10 10	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 0399

08	0000	05	17	24	925	19	73					3	0	03
08	0005	05	51	25	425	20	08					3	0	03
08	0010	05	83	25	824	20	36					3	0	03
08	0015	06	41	26	883	21	13					3	0	03
08	0020	07	79	30	504	23	80					3	0	03
08	0025	08	24	31	413	24	46					3	0	03
08	0030	09	22	32	188	24	91					3	0	03
08	0035	09	47	32	607	25	20					3	0	03
08	0040	09	72	32	917	25	40					3	0	03
08	0045	09	65	33	000	25	48					3	0	03

77	11	0400	58	26	0	11	03	66	12	13	18	2	8	3	0
		0060	01	5				05	28		007				

18	0000	04	75	25	668	20	34					3	0	03
18	0010	07	07	29	320	22	98					3	0	03
18	0020	07	08	31	746	24	88					3	0	03
18	0030	07	40	32	164	25	16					3	0	03
18	0040	07	85	32	848	25	64					3	0	03
18	0050	08	29	33	483	26	06					3	0	03
18	0055	08	56	33	849	26	31					3	0	03

77	11	0401	58	04	0	10	34	66	12	15	12	2	8	2	0
		0220	-01	6				05	14		018				

12	0000	06	60	31	851	25	02					3	0	03
12	0010	06	59	31	854	25	01					3	0	03
12	0025	07	65	33	367	26	20					3	0	03
12	0050	08	80	34	446	26	74					3	0	03
12	0100	08	14	34	730	27	06					3	0	03
12	0150	05	94	35	065	27	63					3	0	03
12	0200	05	39	35	085	27	72					3	0	03
12	0215	05	38	35	075	27	72					3	0	03

"Skagerak"

Chemical Observations

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	0017	55 23	0 15 20	966	05 07	20 0090							
	20 0000	02 13	03 96	432	0 06								06
	20 0005	02 16	03 96		0 09	8 19							06
	20 0010	02 18	03 96	433	0 10	8 21							06
	20 0015	02 11	03 95		0 09	8 20							06
	20 0020	02 08	03 95		0 10	8 19							06
	20 0030	01 81	03 97	435	0 11	8 20							06
	20 0040	01 47	04 04		0 10	8 12							06
	20 0050	01 33	04 24	414	0 09	8 10							06
	20 0060	02 72	07 37	338	0 47	8 08							06
	20 0070	06 69	08 18	091	1 18	7 79							06
	20 0080	07 26	08 60	076	1 33	7 27							06
	20 0085	08 21	09 00	020	1 71	7 20							06
						7 11							
77 11	0018	55 15	0 15 59	966	05 07	22 0093							
	22 0000	02 45	04 04	427	0 00								06
		00 00	0 10			8 15	1530						
	22 0005	02 43	04 04	431	0 00								06
		00 00				8 16							
	22 0010	02 41	04 04	434	0 00								06
		00 00	0 12			8 18	1410						
	22 0015	02 37	04 04	429	0 00								06
		00 00				8 16							
	22 0020	02 39	04 05	429	0 00								06
		00 00	0 05			8 19							
	22 0030	02 33	04 05	427	0 06								06
		01 00	0 12			8 13	1490						
	22 0040	01 20	04 14	422	0 06								06
		01 00	0 12			8 09							
	22 0050	01 17	04 20	415	0 03								06
		01 00	0 40			8 00	1540						
	22 0060	01 56	06 46	368	0 17								06
		07 50	0 40			7 90	1700						
	22 0070	02 40	07 29	332	0 37								06
		21 00	0 10			7 77	1730						
	22 0080	07 25	08 48	092	1 20								06
		22 00	0 10			7 26	1830						

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 0020

09 0080	04 59	05 81	068	1 55				06
						7 09		
09 0090	04 93	06 11	058	1 46				06
						7 05		

77 11 0021

56 07	0 19 19	966	05 08	13 0115				
13 0000	03 27	04 22	383	0 00				06
	00 00	0 10				8 17		
13 0005	02 25	04 22		0 00				06
	00 00					8 25		
13 0010	02 96	04 22	441	0 00				06
	00 00					8 24		
13 0015	02 61	04 22		0 00				06
	00 95					8 17		
13 0020	02 54	04 21		0 05				06
	01 05	0 10				8 19		
13 0030	02 46	04 21	428	0 00				06
	01 05					8 16		
13 0040	02 38	04 22		0 00				06
	01 10	0 08				8 13		
13 0050	01 77	04 24	416	0 06				06
	01 35					8 05		
13 0060	01 94	04 48	361	0 24				06
	01 55	0 10				7 78		
13 0070	04 19	05 63	125	1 02				06
	01 70					7 19		
13 0080	04 76	05 99	131	1 05				06
	02 70	0 05				7 22		
13 0090	05 17	06 25	146	1 02				06
	02 70					7 28		
13 0100	05 14	06 41	142	0 89				06
	02 75	0 10				7 28		
13 0110	05 23	06 45	134	1 03				06
	03 40	0 08				7 26		

77 11 0022

56 51	0 18 52	966	05 08	18 0115				
18 0000	04 05	04 15	448	0 00				06
						8 39		
18 0005	04 07	04 14		0 00				06
						8 40		
18 0010	02 91	04 14	452	0 00				06
						8 40		
18 0015	02 68	04 15		0 00				06
						8 32		
18 0020	02 38	04 16		0 00				06
						8 29		

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 11 0022

18 0030	01 25	04 22	431	0 04				06
						8 20		
18 0040	01 00	04 24		0 10				06
						8 12		
18 0050	01 05	04 26	412	0 00				06
						8 10		
18 0060	01 61	04 35	383	0 10				06
						7 96		
18 0070	03 99	05 12	174	0 75				06
						7 37		
18 0080	04 39	05 52	104	0 92				06
						7 23		
18 0090	04 64	05 89	055	1 46				06
						7 17		
18 0100	05 18	06 30	046	1 25				06
						7 16		
18 0110	05 34	06 56	040	1 44				06
						7 15		

77 11 0023

19 0000	03 68	04 08	435	0 00				06
						8 22		
19 0005	03 61	04 08		0 05				06
						8 22		
19 0010	03 31	04 08	434	0 10				06
						8 25		
19 0015	02 84	04 08		0 04				06
						8 21		
19 0020	02 37	04 13		0 05				06
						8 21		
19 0030	01 54	04 19	430	0 09				06
						8 14		
19 0040	01 06	04 24		0 19				06
						7 99		
19 0050	01 08	04 27	410	0 31				06
						7 97		
19 0060	01 55	04 36	363	0 73				06
						7 79		
19 0070	04 14	05 14	190	1 02				06
						7 31		

77 11 0024

20 0000	03 67	04 03	424	0 07				06
						8 24		
20 0005	03 70	04 04		0 02				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
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 0024

20 0010	03 54	04 03	429	0 10				8 26		06
20 0015	02 98	04 03		0 02				8 25		06
20 0020	01 34	04 12	441	0 09				8 20		06

77 11 0025

01 0000	02 06	03 81	456	0 00				8 26	1510	06
01 0005	02 00	03 81		0 00				8 27		06
01 0010	02 01	03 81	457	0 00				8 23	1480	06
01 0015	02 03	03 81		0 00				8 27		06
01 0020	01 95	03 81		0 00				8 25		06
01 0030	01 28	03 85	447	0 02				8 19	1480	06
01 0040	00 60	03 93		0 02				8 03		06
01 0050	00 73	03 99	416	0 08				7 99	1520	06
01 0060	01 15	04 10	400	0 11				7 95		06
01 0070	03 14	04 67	219	1 00				7 34	1610	06
01 0080	04 00	05 45	052	1 88				7 06		06
01 0090	04 23	05 68	016	2 04				7 01		06
01 0100	04 24	05 73	016	2 35				7 00	1730	06

77 11 0026

07 0000	02 14	03 78	457	0 10				8 26		06
07 0005	02 10	03 78		0 11				8 30		06
07 0010	02 10	03 78	462	0 13				8 28		06
07 0015	02 07	03 78		0 08				8 28		06
07 0020	01 52	03 81		0 11				8 28		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:E+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 0026

07 0030	00 91	03 85	452	0 15		8 19	06
07 0040	00 18	03 95		0 25		8 02	06
07 0050	00 17	04 13	405	0 33		7 98	06
07 0060	02 46	04 35	317	0 55		7 69	06

77 11 0027

57 43	0 17 22	966	05 09	08 0140			
08 0000	01 76	03 77	455	0 12		8 22	06
08 0005	01 80	03 77		0 18		8 24	06
08 0010	01 69	03 77	457	0 16		8 24	06
08 0015	01 65	03 78		0 19		8 22	06
08 0020	01 64	03 78		0 19		8 21	06
08 0030	00 69	03 83	447	0 16		8 14	06
08 0040	00 43	03 90		0 62		8 09	06
08 0050	00 57	04 06	404	0 92		7 93	06
08 0060	01 16	04 17	380	0 59		7 84	06
08 0070	02 84	04 56	259	1 11		7 42	06
08 0080	04 94	05 38	071	2 14		7 07	06
08 0090	04 17	05 63	033	2 53		7 02	06
08 0100	04 26	05 74	016	2 65		7 02	06
08 0125	04 33	05 86	009	3 04		7 02	06

77 11 0028

57 42	0 17 39	966	05 09	10 0082			
10 0000	02 18	03 73	460	0 00		8 18	06
10 0005	02 11	03 73		0 08		8 26	06
10 0010	02 07	03 73	462	0 13		8 28	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																					
														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	0030	57	39	0	18	12	966	05	09	12	00	96											
	12	0000	02	43		03	75	459	0	00								8	24		06			
	12	0005	02	38		03	77		0	01								8	27		06			
	12	0010	02	36		03	77	462	0	03								8	27		06			
	12	0015	01	79		03	78		0	00								8	26		06			
	12	0020	01	60		03	84		0	00								8	19		06			
	12	0030	00	40		03	94	431	0	16								8	08		06			
	12	0040	00	49		04	11		0	35								7	92		06			
	12	0050	00	77		04	21	375	1	19								7	80		06			
	12	0060	03	02		04	53	260	0	84								7	50		06			
	12	0070	03	88		05	29	080	1	70								7	20		06			
	12	0080	04	22		05	66	024	2	39								7	03		06			
	12	0090	04	27		05	76	011	2	75								7	00		06			
77	11	0031	58	00	0	18	00	966	05	09	15	01	85											
	15	0000	02	57		03	72	450	0	00								8	19		06			
			00	00		0	07	01	1									8	19					
	15	0005	02	56		03	72		0	10								8	26		06			
			00	00				01	4									8	26					
	15	0010	02	46		03	72	458	0	11								8	30		06			
			00	00				00	9									8	30					
	15	0015	01	82		03	75		0	14								8	25		06			
			00	00														8	25					
	15	0020	01	30		03	77		0	14								8	19		06			
			00	00		0	07											8	19					
	15	0030	00	48		03	84	442	0	18								7	93		06			
			00	00				07	1									7	93					
	15	0040	00	54		03	88		0	23								8	03		06			
			00	00		0	08	03	2									8	03					
	15	0050	00	30		04	02	418	0	37								7	93		06			
			00	50														7	93					
	15	0060	00	45		04	15	401	0	31								7	90		06			
			00	70		0	16											7	90					
	15	0070	02	39		04	36	310	0	66								7	68		06			
			01	30														7	68					
	15	0080	03	27		05	01	175	1	42								7	23		06			
			03	95		0	16											7	23					

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 0031										
15 0090		04 09	05 54	059	2 03			06		
						7 01				
15 0100		04 25	05 73	024	2 60			06		
		02 12	0 16			6 99				
15 0125		04 40	05 87	013	2 96			06		
		02 50	0 06			6 98				
15 0150		04 41	05 91	015	3 04			06		
		03 25	0 07			6 99				
15 0175U		04 43	05 94	013	3 11			06		
		03 50	0 00			6 99				
77 11 0032		58 33	0 17 32	966	05 09	19 0055				
19 0000		02 14	03 64	452	0 10			06		
						8 46				
19 0005		02 13	03 64		0 26			06		
						8 41				
19 0010		02 12	03 63	453	0 31			06		
						8 34				
19 0015		02 12	03 63		0 31			06		
						8 21				
19 0020		00 67	03 69		0 36			06		
						8 14				
19 0030		-00 02	03 83	437	0 36			06		
						8 10				
19 0040		00 04	03 92		0 44			06		
						8 08				
19 0050		00 59	04 13	384	0 61			06		
						7 92				
77 11 0033		58 29	0 17 49	966	05 09	20 0082				
20 0000		02 01	03 75	459	0 00			06		
						8 42				
20 0005		02 01	03 75		0 08			06		
						8 36				
20 0010		01 98	03 75	460	0 09			06		
						8 34				
20 0015		01 98	03 75		0 11			06		
						8 33				
20 0020		01 65	03 76		0 12			06		
						8 31				
20 0030		00 81	03 83	448	0 21			06		
						8 22				
20 0040		00 51	03 93		0 26			06		
						8 10				
20 0050		00 95	04 05	401	0 39			06		
						8 00				

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 0033

20 0060	02 06		04 37	320	0 74			06
						7 69		
20 0070	03 93		05 47	078	2 07			06
						7 18		
20 0080	04 25		06 33	033	2 39			06
						7 12		

77 11 0034

22 0000	01 96		03 75	456	0 18			06
						8 43		
22 0005	01 95		03 74		0 20			06
						8 41		
22 0010	01 96		03 75	455	0 24			06
						8 38		
22 0015	01 98		03 75		0 20			06
						8 38		
22 0020	01 84		03 75		0 20			06
						8 34		
22 0030	00 14		03 85	435	0 29			06
						8 18		
22 0040	00 19		03 91		0 39			06
						8 03		
22 0050	00 46		04 02	412	0 40			06
						8 05		
22 0060	01 41		04 22	366	0 61			06
						7 91		
22 0070	03 26		04 92	191	1 34			06
						7 46		
22 0080	04 07		05 57	050	2 39			06
						7 19		
22 0090	04 23		05 71	035	2 54			06
						7 12		
22 0100	04 30		05 82	034	2 54			06
						7 10		

77 11 0035

25 0000	03 27		03 74	442	0 16			06
	00 00		0 10	06 4		8 36	1470	
25 0005	03 25		03 72	437	0 14			06
	00 00					8 33		
25 0010	03 21		03 72	437	0 18			06
	00 00					8 33	1510	
25 0015	00 05		03 91	427	0 31			06
	00 20					8 08		
25 0020	00 12		04 03	417	0 36			06
	00 45		0 15			7 99		

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 0035

25	0030	00 15	04 12	412	0 35			
		00 25				7 98	1540	06
25	0040	00 64	04 22	384	0 49			06
		00 75	0 09			7 86		
25	0050	01 86	04 39	325	0 62			06
		01 00				7 65	1580	
25	0060	03 18	05 01	171	1 42			06
		01 35	0 15			7 32		
25	0070	03 87	05 43	080	2 23			06
		01 65		04 3		7 13	1680	
25	0080	04 11	05 65	040	2 24			06
		03 30	0 04			7 09		
25	0090	04 23	05 74	040	2 29			06
		01 50				7 09		
24	0100	04 28	05 80	027	2 44			06
		02 55	0 05	04 4		7 39	1690	
24	0125	04 43	05 94	024	2 44			06
		02 70				7 25		
24	0150	04 59	06 08	021	2 44			06
		01 30	0 06	04 0		7 12		
24	0200	04 65	06 17	016	2 44			06
		03 45	0 08	03 9		7 10	1710	
24	0300	04 71	06 22	016	2 42			06
		02 45	0 05			7 10	1740	
24	0400	04 74	06 26	017	2 29			06
		01 65	0 06			7 09	1740	
24	0440	04 74	06 23	018	2 20			06
		02 20	0 05	02 8		7 04	1740	

77 11 0036

03	0000	02 81	03 82	447	0 10			06
						8 34		
03	0005	02 81	03 82		0 11			06
						8 33		
03	0010	02 77	03 82	448	0 08			06
						8 33		
03	0015	02 26	03 86		0 12			06
						8 31		
03	0020	02 14	03 92		0 13			06
						8 27		
03	0030	00 15	04 09	435	0 24			06
						8 10		
03	0040	00 32	04 13		0 25			06
						8 11		
03	0050	00 37	04 21	404	0 42			06
						7 97		
03	0060	01 90	04 52	299	0 87			06
						7 55		

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:E	1: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 0036

03 0070	03 14	04 94	191	1 44				06
						7 31		
03 0080	03 73	05 29	103	1 84				06
						7 17		
03 0090	04 09	05 58	076	2 24				06
						7 08		
03 0100	04 40	05 88	024	2 47				06
						7 00		
03 0125	04 46	05 97	022	2 39				06
						7 04		

77 11 0037 58 17 0 18 41 966 05 10 04 0111

04 0000	02 77	03 78	446					06
						8 30		
04 0005	02 73	03 77		0 15				06
						8 30		
04 0010	02 78	03 79	446	0 20				06
						8 28		
04 0015	02 13	03 83		0 18				06
						8 28		
04 0020	00 47	03 94		0 25				06
						8 11		
04 0030	00 27	04 10	410	0 43				06
						7 98		
04 0040	00 41	04 18		0 42				06
						7 92		
04 0050	01 98	04 43	314	0 74				06
						7 62		
04 0060	03 66	05 15	128	1 69				06
						7 21		
04 0070	04 08	05 56	065	2 44				06
						7 09		
04 0080	04 22	05 72	034	2 35				06
						7 03		
04 0090	04 33	05 83	033	2 32				06
						7 03		
04 0100	04 41	05 93	025	2 24				06
						7 02		

77 11 0038 58 13 0 18 58 966 05 10 06 0124

06 0000	01 58	03 86	447	0 05				06
						8 17		
06 0005	01 61	03 85		0 19				06
						8 17		
06 0010	01 56	03 83	450	0 15				06
						8 19		

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	

77 11 0038

06 0015	01 58	03 83			0 17				06
						8 19			
06 0020	01 26	03 88			0 25				06
						8 19			
06 0030	00 43	04 03		413	0 41				06
						7 98			
06 0040	01 17	04 15			0 45				06
						7 85			
06 0050	01 94	04 30		338	0 71				06
						7 66			
06 0060	02 17	04 38		318	1 00				06
						7 56			
06 0070	03 20	04 61		211	1 32				06
						7 37			
06 0080	03 78	05 26		112	1 98				06
						7 11			
06 0090	04 17	05 61		035	2 39				06
						7 03			
06 0100	04 50	05 98		021	2 39				06
						7 01			
06 0120	04 59	06 10		012	2 39				06
						6 99			

77 11 0039

58 08	0 19 19	966	05 10	07 0035					
07 0000	02 34	03 93	453	0 18					06
					8 17				
07 0005	02 39	03 93		0 20					06
					8 21				
07 0010	02 38	03 92	450	0 24					06
					8 20				
07 0015	02 34	03 92		0 21					06
					8 21				
07 0020	02 35	03 92		0 14					06
					8 21				
07 0030	01 55	03 98	445	0 17					06
					8 16				

77 11 0040

58 04	0 19 37	966	05 10	09 0140					
10 0000		04 01	450	0 03					06
					8 16				
10 0005	01 84	03 99		0 00					06
					8 19				
10 0010	01 80	03 99	451	0 10					06
					8 20				
10 0015	01 61	04 01		0 11					06
					8 21				

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	0040																									
	10	0020		00	50		04	06			0	00							8	12		06					
	10	0030		00	09		04	12		423		0	10						8	01		06					
	10	0040		00	66		04	20				0	25						7	90		06					
	10	0050		01	08		04	26		369		0	41						7	78		06					
	10	0060		02	33		04	56		284		0	77						7	48		06					
	10	0070		03	39		05	02		167		1	24						7	25		06					
	09	0080		04	02		05	43		089		1	63						7	22		06					
	09	0090		04	23		05	67		055		1	78						7	13		06					
	09	0100		04	44		05	90		039		1	81						7	06		06					
	09	0125		05	28		06	64		025		1	83						7	04		06					
	09	0140		05	31		06	74		014		2	24						7	04		06					
																			7	04							
77	11	0041		58	00		0	19	54	966		05	10		11	0210											
	12	0000		01	95		04	09		450		0	20									06					
				00	00		0	06		06	6								8	19							
	12	0005		01	92		04	09				0	12									06					
				00	00					00	3								8	20							
	12	0010		01	92		04	07		451		0	12									06					
				00	00					06	4								8	19							
	12	0015		01	86		04	07				0	22									06					
				00	00														8	19							
	12	0020		01	88		04	08				0	00									06					
				00	00		0	05		07	1								8	18							
	12	0030		01	39		04	12		439		0	05									06					
				00	00					08	6								8	17							
	12	0040		00	90		04	22				0	36									06					
				00	30					02	7								8	00							
	12	0050		01	75		04	38		340		0	45									06					
				00	85					02	8								7	73							
	12	0060		03	03		04	83		220		0	81									06					
				01	20		0	09											7	40							
	12	0070		04	04		05	43		091		1	53									06					
				02	20														7	14							
	12	0080		04	32		05	71		063		1	71									06					
				01	80		0	06		01	9								7	09							
	11	0090		04	44		05	91		041		1	92									06					
				01	50														6	99							

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 0041

11	0100	04 67	06 07	036	1 92			06
		01 95	0 08			7 02		
11	0125	05 27	06 56	034	1 76			06
		02 55	0 08			7 03		
11	0150	05 37	06 77	014	2 04			06
		01 65	0 11			7 00		
11	0175	05 45	06 86	006	2 77			06
		01 00				7 04		
11	0190U	05 46	06 87	007	2 90			06
		02 25	0 49			7 06		

77 11 0042

57	55	0 20	13	966	05 10	13 0130		
13	0000	02 86	04 14	449	0 10			06
						8 29		
13	0005	02 83	04 13		0 14			06
						8 29		
13	0010	02 82	04 15	448	0 12			06
						8 38		
13	0015	02 73	04 14		0 12			06
						8 35		
13	0020	02 67	04 14		0 14			06
						8 33		
13	0030	01 37	04 20	442	0 15			06
						8 16		
13	0040	00 99	04 25		0 27			06
						8 03		
13	0050	01 09	04 26	416	0 32			06
						8 03		
13	0060	01 31	04 29	400	0 34			06
						7 94		
13	0070	03 35	04 75	262	0 92			06
						7 50		
13	0080	04 16	05 40	100	1 61			06
						7 17		
13	0090	04 43	05 80	050	1 80			06
						7 11		
13	0100	04 96	05 81	052	1 60			06
						7 11		
13	0125	05 49	06 56	046	1 84			06
						7 12		

77 11 0043

57	51	0 20	32	966	05 10	15 0098		
15	0000	03 05	04 15	449	0 00			06
						8 29		
15	0005	02 99	04 15		0 07			06
						8 29		

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 0043

15	0010	03 00	04 15	450	0 10	8 29	06
15	0015	02 63	04 15		0 10	8 28	06
15	0020	03 51	04 20		0 11	8 13	06
15	0030	01 25	04 24	429	0 20	8 08	06
15	0040	01 08	04 26		0 34	7 98	06
15	0050	01 15	04 28	415	0 32	7 96	06
15	0060	01 73	04 39	362	0 52	7 78	06
15	0070	03 65	05 02	198	1 12	7 31	06
15	0080	04 33	05 61	073	2 10	7 11	06
15	0090	04 94	06 11	052	1 69	7 08	06

77 11 0044 57 47 0 20 50 966 05 10 18 0085

18	0000	02 98	04 14	447	0 10	8 39	06
18	0005	02 91	04 11		0 09	8 36	06
18	0010	02 92	04 12	450	0 19	8 38	06
18	0015	02 56	04 13		0 31	8 33	06
18	0020	01 09	04 20		0 25	8 17	06
18	0030	01 18	04 24	422	0 33	8 09	06
18	0040	01 05	04 25	414	0 36	8 03	06
18	0050	01 07	04 28	414	0 51	8 00	06
18	0060	02 06	04 46	327	0 66	7 95	06
18	0070	04 10	05 39	120	1 62	7 72	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 0049

07 0020	02 52	04 20	432	0 15				06
	00 00	0 06				8 23	1580	
07 0030	02 53	04 20	432	0 25				06
	00 00					8 27	1580	
07 0040	01 77	04 23	424	0 22				06
	00 00	0 06				8 17	1590	
07 0050	01 50	04 35	379	0 30				06
	00 85					7 90	1590	
07 0060	03 92	05 25	217	0 91				06
	02 10	0 08				7 41	1650	
07 0070	04 49	05 70	092	1 44				06
	02 85	0 04	05 3			7 17	1700	
07 0080	04 69	05 96	053	1 63				06
	03 00					7 11	1730	
07 0090	05 01	06 14	067	1 53				06
	02 60					7 17	1750	
06 0100	05 08	06 24	054	1 48				06
	03 10	0 04	04 1			7 02	1700	
06 0125	05 45	06 67	044	1 64				06
	04 00					7 03	1730	
06 0150	05 60	06 95	018	2 24				06
	03 10	0 08	05 1			7 01	1770	
06 0175	05 69	07 06	006	2 70				06
	02 90					7 02	1800	
06 0200	05 75	07 13	009	2 60				06
	02 65	0 07	06 3			7 05	1800	
06 0225	05 80	07 18	012	2 44				06
	02 60					7 06	1800	
06 0240	05 81	07 22	003	2 34				06
	02 70	0 10	06 7			7 18	1860	

77 11 0050

12 0000	02 62	04 20	433	0 00				06
						8 05		
12 0005	02 63	04 20		0 00				06
						8 20		
12 0010	02 58	04 20	435	0 00				06
						8 20		
12 0015	02 58	04 20		0 00				06
						8 18		
12 0020	02 59	04 19		0 00				06
						8 19		
12 0030	02 20	04 20	436	0 00				06
						8 17		
12 0040	01 26	04 24		0 08				06
						8 08		
12 0050	01 24	04 29	410	0 07				06
						7 94		

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 0050

12 0060	03 90		05 06	180	0 84			06
						7 30		
12 0070	04 52		05 66	097	1 15			06
						7 12		
12 0080	04 95		05 98	075	1 31			06
						7 08		
12 0090	05 04		06 18	059	1 31			06
						7 09		
12 0100	05 28		06 30	055	1 27			06
						7 09		
12 0125	05 51		06 75	035	1 63			06
						7 03		
12 0150	05 71		06 85	020	1 74			06
						7 04		

77 11 0051

14 0000	02 66		04 21	435	0 01			06
						8 17		
14 0005	02 63		04 20		0 08			06
						8 17		
14 0010	02 58		04 20	432	0 05			06
						8 19		
14 0015	02 59		04 20		0 02			06
						8 19		
14 0020	02 61		04 20		0 03			06
						8 18		
14 0030	02 57		04 20	430	0 00			06
						8 17		
14 0040	02 48		04 20		0 02			06
						8 17		
14 0050	01 46		04 25	419	0 07			06
						8 01		
14 0060	01 63		04 35	388	0 20			06
						7 85		
14 0070	04 43		05 59	091	1 37			06
						7 09		
14 0080	04 73		05 94	053	1 53			06
						7 05		
14 0090	04 95		06 16	051	1 42			06
						7 02		
14 0100	05 14		06 34	046	1 44			06
						7 04		
14 0115	05 46		06 73	031	1 78			06
						7 03		

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	0055	58 47		0 19 06	966	05	20	13	0130	
	13	0000	05 19		03 65	428	0	07			06
	13	0005	05 19		03 63		0	09	8	37	06
	13	0010	03 63		03 75	434	0	12	8	36	06
	13	0015	02 69		03 76		0	13	8	27	06
	13	0020	01 79		03 85		0	18	8	25	06
	13	0030	00 37		04 06		0	22	8	19	06
	13	0040	00 30		04 16	400	0	34	7	94	06
	13	0050	00 84		04 25	361	0	39	7	91	06
	13	0060	02 77		04 67	236	0	90	7	76	06
	13	0070	03 72		05 27	114	1	48	7	41	06
	13	0080	04 10		05 55	074	1	65	7	12	06
	13	0090	04 31		05 85	029	1	88	7	12	06
	13	0100	04 45		05 97	023	1	92	7	06	06
	13	0125	04 71		06 14	020	1	87	7	04	06
									7	03	
77	11	0056	58 53		0 20 19	966	05	20	17	0165	
	17	0000	03 36		04 10	429	0	02			06
			00 00		0 03	09 4			8	18	
	17	0005	03 28		04 08		0	06			06
			00 00			03 5			8	20	
	17	0010	03 18		04 10	434	0	08			06
			00 00			06 9			8	20	
	17	0015	03 00		04 09		0	16			06
			00 00			08 5			8	24	
	17	0020	02 06		04 10		0	12			06
			00 00		0 02	06 1			8	20	
	17	0030	01 44		04 14	435	0	18			06
			00 00			06 7			8	16	
	17	0040	00 87		04 20		0	16			06
			00 00		0 06	03 0			8	02	
	17	0050	01 26		04 30	378	0	36			06
			01 30			05 3			7	85	
	17	0060	03 30		04 87	201	0	95			06
			01 55		0 02	03 0			7	31	

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 0056

17 0070	04 19	05 57	069	1 46				06
	03 70		00 7			7 09		
17 0080	04 40	05 85	033	1 65				06
	03 55	0 02	03 6			7 01		
17 0090	04 52	05 96	028	1 68				06
	06 05		03 3			7 01		
17 0100	04 61	06 05	024	1 81				06
	05 55	0 00	02 9			6 99		
17 0125	04 77	06 20	028	1 72				06
	06 25	0 00	01 4			6 99		
17 0150U	04 95	06 38	025	1 72				06
	10 65		00 0			6 98		

77 11 0057

21 0000	04 56	04 07	441	0 10				06
						8 27		
21 0005	04 52	04 07		0 23				06
						8 26		
21 0010	04 54	04 07	439	0 22				06
						8 27		
21 0015	02 56	04 11		0 24				06
						8 23		
21 0020	01 88	04 15		0 22				06
						8 17		
21 0030	01 47	04 17	443	0 27				06
						8 17		
21 0040	01 47	04 19		0 34				06
						8 12		
21 0050	00 95	04 21	410	0 40				06
						7 98		
21 0060	01 27	04 37	350	0 70				06
						7 70		
21 0070	03 23	05 07	162	1 40				06
						7 25		
20 0080	04 01	05 53	073	1 56				06
						7 05		
20 0090	04 43	05 87	034	1 85				06
						7 01		
20 0100	04 57	06 02	025	1 90				06
						7 01		
20 0125	04 79	06 24	017	2 04				06
						7 01		
20 0150	04 83	06 27	016	1 95				06
						7 01		
20 0165	04 85	06 30	016	1 95				06
						7 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							

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 0059

02 0080 04 33 05 84 034 1 59 06

7 08

02 0090 04 41 05 97 021 1 69 06

7 08

77 11 0060 59 35 0 23 18 966 05 21 05 0073

05 0000 05 91 03 53 431 0 10 06

8 45

05 0005 05 89 03 52 0 12 06

8 44

05 0010 04 41 03 65 438 0 18 06

8 35

05 0015 03 83 03 72 0 18 06

8 34

05 0020 03 96 03 72 0 18 06

8 34

05 0030 00 88 03 86 426 0 26 06

8 12

05 0040 00 30 04 10 0 37 06

7 99

05 0050 00 46 04 20 393 0 41 06

7 88

05 0060 02 28 04 77 238 0 89 06

7 42

77 11 0061 59 41 0 24 00 966 05 21 07 0073

07 0000 04 53 03 32 448 0 00 06

8 42

1430

07 0005 00 00 0 02 02 9 06

8 43

07 0010 04 53 03 33 05 5 06

8 38

1480

07 0015 00 00 03 56 447 0 17 06

8 14

07 0020 00 00 03 73 07 7 06

8 14

07 0030 01 04 03 87 07 1 06

8 04

1600

07 0040 00 04 04 06 415 0 37 06

8 04

1600

07 0040 00 08 04 16 03 5 06

7 99

07 0050 01 10 0 22 03 9 06

7 79

1600

07 0050 00 92 04 34 360 0 54 06

7 79

1600

07 0060 01 85 07 2 177 1 17 06

7 31

1670

07 0060 02 83 05 04 177 1 17 06

7 31

1670

07 0060 02 00 0 08 03 1 06

7 31

1670

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	0062	59	51	0	24	50	966	05	21	10	0080									
	10	0000	06	36		02	90	502	0	00								8	86		06
	10	0005	06	26		02	89		0	03								8	86		06
	10	0010	04	04		03	01	496	0	02								8	74		06
	10	0015	02	87		03	09		0	18								8	61		06
	10	0020	02	24		03	13		0	12								8	46		06
	10	0030	00	30		03	72	384	0	54								8	02		06
	10	0040	00	62		04	15		0	52								7	88		06
	10	0050	01	36		04	38	311	0	61								7	67		06
	10	0060	02	25		04	74	224	0	98								7	45		06
	10	0070	02	59		04	94	166	1	13								7	31		06
77	11	0063	59	55	0	25	36	966	05	21	16	0073									
	16	0000	05	45		03	04	464	0	01								8	65	1350	06
	16	0005	00	00		0	06	02	5									8	65	1350	06
	16	0005	05	44		03	04	466	0	17								8	59	1350	06
	16	0010	00	00														8	59	1350	06
	16	0010	05	12		03	03	455	0	22								8	62	1370	06
	16	0015	00	00				07	9									8	62	1370	06
	16	0015	04	07		03	03	473	0	22								8	58	1340	06
	16	0020	00	00														8	58	1340	06
	16	0020	01	91		03	10	459	0	30								8	45	1360	06
	16	0030	00	00		0	07	03	6									8	45	1360	06
	16	0030	00	24		03	62	382										8	01	1510	06
	16	0040	01	12		04	16	334	0	72								8	01	1510	06
	16	0040	01	85		0	07	08	0									7	73	1570	06
	16	0050	01	82		04	44	277	0	79								7	73	1570	06
	16	0050	01	95														7	58	1610	06
	16	0060	02	43		04	65	228	1	05								7	58	1610	06
	16	0060	02	95		0	05	04	0									7	44	1640	06
77	11	0064	59	59	0	26	00	966	05	21	18	0070									
	18	0000	05	49		02	59	483	0	14								8	69		06
	18	0005	05	46		02	58		0	13								8	69		06
																		8	68		

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

18 0010	03 40	02 61	487	0 17		8 59	06
18 0015	02 60	02 91		0 24		8 47	06
18 0020	00 97	03 09		0 36		8 07	06
18 0030	00 83	03 91	367	0 67		7 78	06
18 0040	00 91	04 15		0 67		7 75	06
18 0050	01 86	04 39	289	0 93		7 54	06
18 0060	02 66	04 67	206	1 21		7 34	06

77 11 0244

22 0000	16 97	11 69	268	0 05		8 26	06
22 0005	17 00	11 69		0 06		8 26	06
22 0010	15 95	14 70	253	0 08		8 21	06
22 0015	15 41	17 84		0 19		8 19	06
22 0020	15 24	18 34	224	0 47		8 20	06
22 0030	14 83	18 44	218	0 43		8 17	06
22 0040	12 28	18 51	207	0 73		8 11	06
22 0050	09 39	18 72	182	0 94		8 03	06
22 0060	07 48	18 88	159	1 18		7 95	06
22 0070	07 29	18 91	150	1 09		7 91	06

77 11 0245

01 0000	16 99	11 45	272			8 25	06
01 0005	16 98	11 39				8 23	06
01 0010	16 97	11 41	269			8 25	06
01 0015	15 88	13 23				8 19	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 0245

01 0020	15 20		17 49					06
						8 18		
01 0030	13 70		18 17	204		8 15		06
01 0040	11 14		18 39	195		8 07		06
01 0050	09 08		18 56	173		8 01		06
01 0060	08 53		18 62	174		7 97		06
01 0070	07 72		18 73	169		7 95		06

77 11 0246

07 0000	56 14	0 12 22	966	08 23	07 0025			
						8 18		06
07 0005	15 89	05 37	303			8 17		06
07 0010	15 89	06 92				8 19		06
07 0015	17 10	10 12	281			8 12		06
07 0020	14 98	12 41				8 04		06
	11 93	18 06	197					

77 11 0247

20 0000	55 00	0 14 05	966	08 23	20 0048			
						8 18	1560	06
20 0005	15 38	04 28	295	0 11		8 18		06
	00 00	0 00	08 9			8 18		06
20 0010	15 38	04 26		0 08		8 20	1560	06
	00 00		07 5			8 19		06
20 0015	15 39	04 30	292	0 09		8 16		06
	00 00	0 00	05 6			7 55	1610	06
20 0020	15 40	04 22		0 12		7 69	1770	06
	00 00		05 2			7 34	1930	06
20 0020	14 34	04 22	300	0 11				
	00 00	0 00	04 2					
20 0030	06 42	04 65	261	0 34				
	00 62		06 6					
20 0040	10 48	07 17	208	0 58				
	01 45	0 17	04 8					
20 0045	08 35	08 99	096	1 00				
	03 40	0 12	07 7					

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	0252	55 38		0 18 36	966	08	24	19	0099										
		19 0000	16 36		03 99	282	0	10									8 19		06	
		19 0005	16 36		04 05		0	13									8 25		06	
		19 0010	16 36		03 97	279	0	11									8 27		06	
		19 0015	16 36		04 05		0	11									8 26		06	
		19 0020	16 35		03 99		0	12									8 25		06	
		19 0030	05 25		04 16	355	0	16									8 07		06	
		19 0040	04 58		04 17		0	21									8 09		06	
		19 0050	03 53		04 20	364	0	20									7 98		06	
		19 0060	01 64		04 28	357	0	31									7 78		06	
		19 0070	02 88		04 94	215	0	74									7 42		06	
		19 0080	04 35		05 61	070	1	60									7 14		06	
		19 0090	04 29		06 06	028	1	48									7 19		06	
77	11	0253	56 07		0 19 19	966	08	25	02	0119										
		03 0000	13 95		04 04	308	0	06											06	
			00 00		0 00	06 6											8 29			
		03 0005	13 96		04 04		0	08											06	
			00 00			07 4											8 29			
		03 0010	13 94		04 04	310	0	00											06	
			00 00		0 00	08 5											8 30			
		03 0015	08 78		04 10		0	02											06	
			00 00			06 0											8 19			
		03 0020	07 81		04 10		0	04											06	
			00 00		0 00	04 1											8 11			
		03 0030	06 36		04 12	357	0	01											06	
			00 00			04 0											8 08			
		03 0040	03 07		04 21	366	0	17											06	
			00 00		0 00	05 7											7 96			
		03 0050	01 77		04 36	328	0	34											06	
			00 00			04 0											7 75			
		02 0060	03 24		04 95	187	0	85											06	
			01 15		0 00	03 3											7 27			
		02 0070	04 21		05 47	088	1	42											06	
			01 52			04 3											7 12			
		02 0080	04 18		05 99	090	1	46											06	
			02 95		0 00	04 9											7 13			

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	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 0253

02 0090	04 08	06 15	101	1 48				06
	03 60		06 5			7 15		
02 0100	03 81	06 23	127	1 41				06
	02 30	0 00	05 5			7 21		
02 0115	04 52	06 45	076	1 69				06
	04 15	0 07	05 9			7 16		

77 11 0254

56 51	0 18 52	966	08 25	09 0115				
10 0000	13 66	04 09	309					06
						8 30		
10 0005	13 62	04 09						06
						8 29		
10 0010	13 61	04 08	310					06
						8 31		
10 0015	13 63	04 06						06
						8 30		
10 0020	13 60	04 06						06
						8 30		
10 0030	04 98	04 15	363					06
						8 09		
10 0040	02 72	04 24						06
						7 91		
10 0050	01 69	04 35	330					06
						7 70		
09 0060	02 65	04 71	240					06
						7 39		
09 0070	03 73	05 17	158					06
						7 18		
09 0080	04 50	05 72	050					06
						7 09		
09 0090	04 65	05 89	038					06
						7 08		
09 0100	04 89	06 08	046					06
						7 10		
09 0110	05 08	06 24	040					06
						7 09		

77 11 0255

56 59	0 18 47	966	08 25	10 0077				
10 0000	14 49	04 08	303					06
						8 35		
10 0005	14 45	04 10						06
						8 38		
10 0010	14 46	04 08						06
						8 38		
10 0015	14 43	04 08						06
						8 33		

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 0255

10 0020	14 41	04 08				8 33		06
10 0030	05 26	04 16	338			7 96		06
10 0040	03 99	04 22				7 90		06
10 0050	03 34	04 26	334			7 81		06
10 0060	02 74	04 32	324			7 72		06
10 0070	03 75	05 21	124			7 20		06

77 11 0256 57 05 0 18 42 966 08 25 12 0025

12 0000	14 64	03 74	287			8 27		06
12 0005	14 63	03 74				8 25		06
12 0010	14 59	03 73	296			8 29		06
12 0015	14 57	03 74				8 28		06
12 0020	14 64	03 74	297			8 30		06

77 11 0257 57 26 0 19 08 966 08 25 17 0050

17 0000	13 83	03 86	310	0 05				06
	00 00	0 00	06 2			8 33		
17 0005	13 82	03 87		0 01				06
	00 00		06 5			8 34		
17 0010	13 81	03 86	306	0 05				06
	00 55	0 00	06 0			8 37		
17 0015	13 82	03 86		0 05				06
	00 00		05 6			8 32		
17 0020	13 81	03 86	300	0 05				06
	00 00	0 00	05 5			8 32		
17 0030	07 54	04 04	327	0 08				06
	00 00		04 2			8 05		
17 0040	04 90	04 17	350	0 16				06
	00 00	0 00	06 3			8 02		

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 0260

22	0200	05 78	07 11	003	3 20			06
		01 45	0 15	03 3		7 01	1870	
22	0225	05 81	07 16	002	2 90			06
		01 45	0 12	09 2		7 06	1880	
22	0240	05 82	07 18	000	4 50			06
		00 00	0 00	10 8		7 19	1880	

77 11 0261

		57 18	0 20 21	966	08 26	01 0190		
01	0000	15 69	04 02	281	0 11			06
		00 00	0 05	08 9		8 19		
01	0005	15 70	03 98		0 11			06
		00 00				8 20		
01	0010	15 68	03 99	286	0 11			06
		00 00	0 00	04 5		8 23		
01	0015	15 69	03 97		0 11			06
		00 00				8 23		
01	0020	15 62	03 98		0 16			06
		00 00	0 05	07 7		8 23		
01	0030	05 09	04 18	360	0 08			06
		00 00	0 00	06 5		8 04		
01	0040	03 65	04 21		0 06			06
		00 00	0 00	06 6		7 96		
01	0050	02 23	04 28	344	0 28			06
						7 76		
01	0060	02 25	04 54	275	0 51			06
		00 33	0 22	03 7		7 51		
01	0070	03 68	05 15	145	1 02			06
						7 21		
01	0080	03 83	05 27	122	1 04			06
		00 75	0 00	02 8		7 17		
01	0090	04 30	05 55	072	1 42			06
						7 10		
01	0100	04 69	05 92	054	1 65			06
		02 75	0 00	05 2		7 08		
01	0125	05 39	06 47	054	1 60			06
		03 07	0 00	05 1		7 12		
01	0150	05 56	06 82	016	2 18			06
		04 40	0 00	00 0		7 09		
01	0175	05 70	07 02	002	3 00			06
						7 06		
01	0185	05 71	07 07	004	3 55			06
		00 00	0 05	04 2		7 08		

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 11	0262	57 16	0 20 39	966	08 26	03 0100				
	03 0000	15 89 00 00	03 95 0 05	283 10 5	0 11	8 16		06		
	03 0005	15 90 00 00	03 95		0 05	8 19		06		
	03 0010	15 87 00 00	03 95 0 05	233 06 9	0 05	8 18		06		
	03 0015	15 93 00 00	03 95		0 06	8 17		06		
	03 0020	15 87 00 00	03 95 0 05	05 7	0 11	8 18		06		
	03 0030	04 70 00 00	04 16 0 00	383 08 2	0 13	8 10		06		
	03 0040	03 71 00 00	04 16 0 00	04 7	0 16	7 96		06		
	03 0050	02 56	04 25	359	0 28	7 86		06		
	03 0060	02 19 00 10	04 32 0 20	338 05 9	0 33	7 63		06		
	03 0070	04 84	06 02	041	1 71	7 10		06		
	03 0080	05 02 03 47	06 12 0 00	061 05 7	1 71	7 15		06		
	03 0090	05 26 04 00	06 33 0 00	059 02 8	1 71	7 16		06		
77 11	0263	57 13	0 20 56	966	08 26	04 0025				
	04 0000	15 80	03 97	307	0 13	8 20		06		
	04 0005	15 76	03 97		0 13	8 19		06		
	04 0010	15 75	03 95	287	0 16	8 19		06		
	04 0015	15 67	03 96		0 13	8 20		06		
	04 0020	14 60	03 97	289	0 18	8 16		06		
77 11	0264	58 00	0 19 54	966	08 26	12 0205				
	12 0000	14 18 00 00	03 76 0 05	302 04 5	0 11	8 21		06		
	12 0005	14 20 00 00	03 75		0 06	8 26		06		
	12 0010	14 14 00 00	03 72	02 3	0 05	8 26		06		
	12 0015	14 13 00 00	03 75		0 06	8 27		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 0264

12 0020	14 16	03 73	311	0 08				06
	00 00	0 00	02 0			8 31		
12 0030	04 69	04 15	381	0 11				06
	00 00		02 5			8 13		
12 0040	04 05	04 18		0 13				06
	00 00	0 00	03 4			8 08		
12 0050	01 96	04 23	373	0 25				06
						7 94		
12 0060	01 87	04 34	321	0 37				06
	00 45		03 1			7 70		
12 0070	03 24	04 92	183	0 98				06
						7 40		
12 0078	03 92	05 40	073	1 77				06
	04 12	0 00	02 8			6 95		
12 0088	04 33	05 77	029	2 19				06
						7 02		
12 0098	04 86	06 04	037	1 85				06
	04 22		02 7			7 05		
12 0123	05 43	06 60	019	2 19				06
	04 25	0 00	03 5			7 02		
12 0148	05 46	06 76	008	2 87				06
	02 52	0 40	00 9			7 02		
12 0173	05 46	06 82	000	4 35				06
	00 00	0 00	14 9			7 17		
12 0198	05 48	06 85		5 10				06
	00 00	0 05	13 0			7 09		

77 11 0265 58 27 0 20 20 966 08 26 16 0124

16 0000	15 85	03 93	300	0 04				06
						8 13		
16 0005	15 86	03 92		0 04				06
						8 26		
16 0010	15 89	03 93	300	0 06				06
						8 31		
16 0015	15 82	03 91		0 04				06
						8 30		
16 0020	09 13	04 04		0 02				06
						8 23		
16 0030	04 04	04 16	368	0 08				06
						8 11		
16 0040	03 58	04 21		0 22				06
						7 98		
16 0050	02 47	04 23	348	0 22				06
						7 93		
16 0060	02 06	04 40	317	0 37				06
						7 76		
16 0070	03 65	05 17	134	1 27				06
						7 28		

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 0265

16	0080	04 42	05 77	031	1 84			06
						7 18		
16	0090	04 69	05 97	018	2 08			06
						7 15		
16	0100	05 81	06 10	008	2 16			06
						7 16		
16	0115	04 89	06 26	007	2 65			06
						7 24		

77 11 0266 58 45 0 20 39 966 08 27 18 0113

18	0000	15 35	03 81	316				06
						8 39		
18	0005	15 35	03 82					06
						8 40		
18	0010	15 33	03 82	302				06
						8 38		
18	0015	15 36	03 81					06
						8 38		
18	0020	15 23	03 82					06
						8 36		
18	0030	05 08	04 15	366				06
						8 30		
18	0040	03 75	04 18					06
						8 10		
18	0050	02 58	04 23	355				06
						7 93		
18	0060	01 86	04 30	330				06
						7 82		
18	0070	02 18	04 48	282				06
						7 60		
18	0080	03 87	05 25	107				06
						7 25		
18	0090	04 38	05 77	021				06
						7 11		
18	0100	04 82	06 19	012				06
						7 14		

77 11 0267 59 18 0 21 28 966 08 28 01 0090

01	0000	15 07	03 81	301	0 05			06
		00 00	0 05	02 1		8 41	1520	
01	0005	15 07	03 80		0 05			06
		00 00				8 35		
01	0010	15 10	03 80	303	0 06			06
		00 00				8 33		
01	0015	15 13	03 80		0 00			06
		00 00	0 00	06 1		8 34		

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-E	1-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 0267

01	0020	15 18 00 00	03 82	305	0 00	8 31	1530	06
01	0030	09 17 00 00	04 08 0 05	304 01 2	0 07	8 04	1600	06
01	0040	04 69 00 00	04 11 0 12	366 02 5	0 11	8 07	1590	06
01	0050	02 46	04 18	355	0 24	7 91	1600	06
01	0060	01 77 00 61	04 18 0 14	337 01 4	0 45	7 74	1610	06
01	0070	01 77	04 51	271	0 70	7 51	1620	06
01	0080	02 56 00 77	05 41 0 00	188 02 2	0 98	7 36	1650	06
01	0085	04 67 02 97	05 46 0 05	070 02 7	1 98	7 16	1700	06

77 11 0268

11	0000	60 12 11 62 00 00	0 19 09 03 20 0 05	966 337 04 2	08 28 0 01	11 0285 8 06		06
11	0005	11 54	03 21		0 01	8 09	1300	06
11	0010	06 01	03 25	365	0 01	7 91	1310	06
11	0015	02 80	03 29		0 01	7 90		06
11	0020	03 25 00 00	03 32 0 07	01 9	0 08	7 89		06
11	0030	02 07	03 82	376	0 21	7 80	1490	06
11	0040	01 82 00 72	03 96 0 05	05 6	0 37	7 74		06
11	0050	02 68	04 03	350	0 30	7 77	1550	06
11	0060	02 81 00 38	04 07 0 07	03 6	0 27	7 79		06
11	0070	02 95	04 09	348	0 34	7 80	1560	06
11	0080	02 80 00 23	04 10 0 07	364 03 4	0 27	7 73	1550	06
11	0090	03 16	04 11	353	0 23	7 83	1550	06
11	0100	03 13 00 34	04 13 0 18	372 02 8	0 26	7 83	1560	06
11	0125	03 13	04 14	356	0 26	7 83	1580	06
11	0150	03 05 00 32	04 16 0 18	346 03 0	0 27	7 79	1580	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 0268

11 0200	02 65	04 19	330	0 40				06
	00 30	0 05	03 8		7 69	1580		
11 0250	02 59	04 22	322	0 48				06
	00 45	0 10	04 5		7 64	1580		
11 0275	02 58	04 24	317	0 90				06
	00 41	0 24	05 4		7 63	1580		

77 11 0269	60 30	0 18 58	966	08 28	14 0135			
14 0000	14 26	03 12	352	0 11				06
					8 20			
14 0005	14 11	03 12		0 14				06
					8 20			
14 0010	14 02	03 11	335	0 12				06
					8 18			
14 0015	13 04	03 09		0 11				06
					8 16			
14 0020	05 88	03 09		0 20				06
					7 96			
14 0030	02 72	03 18	371	0 08				06
					7 85			
14 0040	02 58	03 21		0 14				06
					7 83			
14 0050	02 47	03 78	366	0 37				06
					7 78			
14 0060	02 42	03 95	349	0 39				06
					7 79			
14 0070	02 50	04 04	352	0 39				06
					7 78			
14 0080	02 49	04 06	350	0 41				06
					7 78			
14 0090	02 51	04 08	364	0 44				06
					7 78			
14 0100	02 57	04 09	354	0 40				06
					7 79			
14 0125	02 54	04 10	349	0 50				06
					7 80			

77 11 0270	61 08	0 20 56	966	08 28	21 0048			
21 0000	15 35	03 22	310	0 09				06
					8 17			
21 0005	15 41	03 22		0 09				06
					8 18			
21 0010	15 40	03 21	302	0 11				06
					8 18			
21 0015	15 20	03 21		0 11				06
					8 19			

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 0272

24	0060	01 21	03 36	364	0 18			06
						7 75		
24	0070	01 80	03 47	362	0 21			06
						7 71		
24	0080	01 94	03 66	354	0 38			06
						7 69		
24	0090	01 93	03 70	358	0 40			06
						7 72		
24	0100	01 98	03 79	366	0 50			06
						7 71		
24	0110	01 97	03 84		0 60			06
						7 66		

77 11 0273

61	06	0 19	58	966	08 29	01 0115		
01	0000	14 18	03 06	319	0 06			06
		00 00	0 05	03 1		8 18	1260	
01	0005	14 12	03 06	322	0 05			06
						8 20		
01	0010	14 15	03 06	314	0 03			06
						8 22	1260	
01	0015	14 06	03 07	321	0 02			06
						8 20		
01	0020	11 24	03 13	335	0 05			06
		00 00	0 05	04 6		8 16		
01	0030	02 97	03 26	414	0 07			06
						8 03	1330	
01	0040	02 18	03 29	411	0 07			06
		00 38	0 32	05 5		8 03		
01	0050	02 36	03 29	416	0 10			06
						7 99	1330	
01	0060	01 88	03 32	412	0 11			06
		00 20	0 35	04 0		7 95	1340	
01	0070	01 14	03 37	432	0 09			06
						7 78	1360	
01	0080	01 29	03 45	360	0 17			06
		00 42	0 05	03 1		7 70	1390	
01	0090	01 83	03 62	342	0 29			06
						7 68	1440	
01	0100	02 02	03 79	346				06
		00 97	0 05	05 3		7 73	1480	
01	0110	02 03	03 89	349	0 53			06
		00 81	0 14	04 6		7 70	1500	

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	0274	61	06	0	19	32	966	08	29	03	0115												
	03	0000	14	41		03	07	332	0	13								8	18		06			
	03	0005	14	29		03	06		0	14								8	22		06			
	03	0010	14	35		03	07	329	0	16								8	22		06			
	03	0015	14	07		03	06		0	04								8	21		06			
	03	0020	12	99		03	05		0	13								8	16		06			
	03	0030	02	52		03	29	410	0	13								8	02		06			
	03	0040	02	39		03	29		0	14								8	00		06			
	03	0050	02	51		03	31	412	0	23								7	96		06			
	03	0060	01	26		03	37	391	0	22								7	77		06			
	03	0070	01	39		03	47	360	0	13								7	66		06			
	03	0080	01	90		03	63	334	0	36								7	63		06			
	03	0090	01	97		03	72	390	0	47								7	63		06			
	03	0100	01	89		03	86	337	0	52								7	64		06			
	03	0110	01	86		03	95	338	0	63								7	64		06			
77	11	0275	61	05	0	19	08	966	08	29	04	0074												
	04	0000	13	94		03	04	329	0	17								8	21		06			
	04	0005	13	94		03	04		0	17								8	19		06			
	04	0010	13	88		03	04	334	0	17								8	21		06			
	04	0015	13	37		03	03		0	16								8	19		06			
	04	0020	13	17		03	05		0	16								8	13		06			
	04	0030	02	38		03	25	404	0	16								7	97		06			
	04	0040	02	36		03	29	406	0	15								7	97		06			
	04	0050	02	17		03	30	405	0	18								7	95		06			
	04	0060	01	48		03	35	364	0	31								7	73		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 0275	04 0070	01 53	03 41	315	0 47	7 73		06		
77 11 0276	61 03	0 18 40	966	08 29	07 0040					
07 0000	13 17	02 99	336				06			
07 0005	13 14	02 98		0 11		8 14	06			
07 0010	13 15	02 98	337	0 11		8 18	06			
07 0015	12 45	02 99		0 08		8 18	06			
07 0020	08 05	02 95	365	0 15		8 15	06			
07 0025	03 75	03 07	383	0 14		7 95	06			
07 0035	01 34	03 21	362	0 21		7 84	06			
						7 72				
77 11 0277	61 05	0 18 34	966	08 29	10 0040					
10 0000	12 54	02 92	334	0 06		8 14	06			
10 0005	12 51	02 92		0 11		8 12	06			
10 0010	12 54	02 91	333	0 13		8 12	06			
10 0015	12 37	02 91		0 07		8 12	06			
10 0020	09 50	02 95		0 12		8 12	06			
10 0030	02 69	03 11	378	0 18		8 00	06			
10 0035	01 50	03 18	360	0 29		7 78	06			
						7 74				
77 11 0278	61 09	0 18 13	966	08 29	11 0071					
11 0000	12 27	02 92	348	0 05		8 13	1200	06		
11 0005	12 24	02 92		0 08		8 11		06		
11 0010	12 22	02 92	350	0 09		8 14	1210	06		
11 0015	09 97	02 92		0 04		8 07		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 0278

11	0020	05 91	02 95		0 07			06
						7 87		
11	0030	02 27	03 13	350	0 13			06
						7 77	1280	
11	0040	00 92	03 17		0 16			06
						7 74		
11	0050	00 46	03 21	375	0 20			06
						7 72	1310	
11	0060	00 37	03 23	369	0 31			06
						7 66	1330	
11	0065	00 54	03 25	362	0 34			06
						7 64	1330	

77 11 0279

61	13	0 17	32	966	08 29	12 0070		
12	0000	11 50	02 85	349	0 16			06
						8 01		
12	0005	11 50	02 83		0 12			06
						8 08		
12	0010	08 16	02 89	368	0 12			06
						7 97		
12	0015	04 01	03 01		0 16			06
						7 71		
12	0020	01 92	03 10	388	0 10			06
						7 76		
12	0030	00 86	03 10	351	0 17			06
						7 75		
12	0040	00 56	03 25	371	0 29			06
						7 72		
12	0050	00 64	03 21	357	0 36			06
						7 73		
12	0060	00 84	03 29	360	0 42			06
						7 59		

77 11 0280

61	16	0 17	24	966	08 29	14 0040		
14	0000	14 50	02 44	319	0 12			06
						7 98		
14	0005	14 37	02 45		0 13			06
						7 98		
14	0010	12 64	02 68	318	0 14			06
						7 95		
14	0015	08 39	02 88		0 15			06
						7 84		
14	0020	07 73	02 91	348	0 22			06
						7 85		
14	0030	02 09	03 13	366	0 21			06
						7 67		

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 0282

20	0400	04 87	06 26	008	2 41				06
		03 35	0 05	05 2		7 05	1750		
20	0425	04 89	06 26	028	2 42				06
						7 07	1750		
20	0440	04 88	06 26	007	2 35				06
		04 23	0 07	05 1		7 07	1750		

77 11 0283

01	0000	14 15	03 67	330	0 12				06
		00 00	0 08	02 9		8 27			
01	0005		03 67	322	0 24				06
						8 31			
01	0010	14 15	03 67	319	0 30				06
		00 00	0 05	03 6		8 28			
01	0015	13 72	03 66		0 17				06
						8 30			
01	0020	08 54	03 88	366	0 23				06
		00 00	0 05	04 1		8 17			
01	0030	01 93	04 03	396	0 27				06
		00 00	0 05	02 7		7 97			
01	0040	01 89	04 14	379	0 39				06
		00 00	0 15	03 6		7 95			
01	0050	02 10	04 45	293	0 67				06
						7 69			
01	0060	03 46	05 15	115	1 78				06
		01 60	0 07	01 7		7 23			
01	0070	04 16	05 58	065	2 41				06
						7 12			
01	0080	04 23	05 74	034	2 75				06
		02 02	0 05	00 0		7 00			
01	0090	04 34	05 84	012	2 90				06
						7 05			
01	0100	04 38	05 88	012	3 35				06
		03 30	1 35	02 2		7 07			
01	0125	04 44	05 95	014	3 20				06
		03 40	1 40	00 8		7 09			
01	0150	04 49	05 97	013	3 50				06
		02 60	1 15	00 7		7 05			
01	0170	04 50	05 98	010	4 15				06
		03 25	2 55	01 1		7 06			

77 11 0284

03	0000	13 63	03 75	317	0 05				06
						8 28			
03	0005	13 67	03 75		0 04				06
						8 29			

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 0284

03 0010	13 62	03 75	319	0 06		8 29	06
03 0015	12 87	03 76		0 05		8 25	06
03 0020	12 63	03 87		0 08		8 23	06
03 0030	07 78	03 96	353	0 15		8 10	06
03 0040	05 58	04 06		0 23		7 99	06
03 0050	01 66	04 15	382	0 28		7 93	06
03 0060	02 57	04 50	245	1 00		7 48	06
03 0070	03 79	05 36	042	2 70		7 13	06
03 0080	04 16	05 61	007	2 95		7 09	06
03 0090	04 34	05 84	008	3 18		7 09	06

77 11 0285 57 40 0 17 56 966 08 31 05 0105

05 0000	13 68	03 75	315	0 08			06
	00 00	0 06	03 1			8 24	
05 0005	13 67	03 75		0 06		8 28	06
05 0010	13 66	03 73	322	0 08		8 29	06
05 0015	13 62	03 75		0 08		8 30	06
05 0020	12 05	03 78		0 06		8 26	06
	00 00	0 05	01 6			8 03	
05 0030	02 80	03 95	372	0 26		7 95	06
05 0040	01 46	04 11		0 22		7 63	06
	00 00	0 12	05 6			7 22	
05 0050	01 81	04 38	298	0 59		7 20	06
05 0060	02 84	04 78	184	1 31		7 14	06
	00 00	0 05	02 3			7 09	
05 0070	02 87	05 21	087	2 04		7 10	06
05 0080	04 10	05 60	019	2 52		7 14	06
	00 00	0 06	01 8			7 09	
05 0090	04 30	05 79	003	2 84		7 10	06
	00 00	0 06	12 9				
05 0100	04 37	05 87		3 35			06
	00 00	0 06	09 4				

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 0287

08 0100	04 37	05 84	003	3 10				06
						7 12		
08 0125	04 49	05 89	007	3 30				06
						7 12		
08 0135	04 43	05 93	023	3 20				06
						7 11		

77 11 0288

09 0000	11 82	03 76	338	0 19				06
						8 21		
09 0005	11 82	03 76		0 12				06
						8 25		
09 0010	11 62	03 77	334	0 08				06
						8 21		
09 0015	09 70	03 78		0 10				06
						8 13		
09 0020	09 44	03 80		0 15				06
						8 10		
09 0030	04 13	03 92	357	0 48				06
						7 96		
09 0040	02 22	04 05		0 37				06
						7 85		
09 0050	01 66	04 14	359	0 43				06
						7 81		
09 0060	02 24	04 51	263	0 93				06
						7 55		

77 11 0289

10 0000	12 14	03 76	332	0 10				06
						8 23		
10 0005	12 14	03 76		0 08				06
						8 23		
10 0010	12 02	03 76	335	0 10				06
						8 25		
10 0015	10 72	03 76	334	0 12				06
						8 21		
10 0020	09 65	03 79	333	0 17				06
						8 14		

77 11 0290

12 0000	13 17	03 75	327	0 08				06
						8 32		
12 0005	13 16	03 75		0 14				06
						8 30		

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 0290

12 0010	13 13	03 75	322	0 10		8 29	06
12 0015	12 45	03 76		0 11		8 28	06
12 0020	08 52	03 83		0 12		8 14	06
12 0030	02 37	03 98	368	0 23		7 98	06
12 0040	01 74	04 10	372	0 33		7 95	06
12 0050	01 67	04 18	348	0 25		7 71	06

77 11 0291 57 31 0 17 06 966 08 31 13 0075

13 0000	12 52	03 78	327	0 08		8 24	06
13 0005	12 45	03 78		0 05		8 25	06
13 0010	12 32	03 78	330	0 07		8 25	06
13 0015	12 08	03 79		0 11		8 24	06
13 0020	09 63	03 82		0 14		8 17	06
13 0030	06 69	03 93	345	0 28		8 02	06
13 0040	03 81	03 96		0 25		7 96	06
13 0050	02 04	04 09	363	0 39		7 87	06
13 0060	03 11	04 95	129	1 72		7 29	06
13 0070	04 11	05 63	004	2 82		7 12	06

77 11 0292 57 26 0 17 01 966 08 31 14 0050

14 0000	12 02	03 81	329	0 16		8 25	06
14 0005	12 08	03 79		0 13		8 25	06
14 0010	09 97	03 79	337	0 11		8 18	06
14 0015	09 05	03 84		0 15		8 12	06
14 0020	09 72	03 87		0 22		8 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							

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 0292

14 0030	05 24	04 03	344	0 34				06
14 0040	03 87	04 08	342	0 50		7 96		06
						7 89		

77 11 0293

17 0000	12 46	03 89	334	0 05				06
	00 00	0 00	06 9			8 22	1520	
17 0005	12 39	03 90		0 07		8 23		06
17 0010	12 40	03 91	324	0 10		8 22	1510	06
17 0015	11 56	03 91		0 14		8 20		06
17 0020	05 95	03 89		0 13		8 10		06
	00 00	0 05	02 8			8 10		
17 0030	01 71	04 10	380	0 24		7 98	1550	06
17 0040	02 10	04 34		0 68				06
	00 48	0 14	04 8			7 64		
17 0050	02 98	04 77	148	1 48		7 83	1640	06
17 0060	03 54	05 19	044	2 39		7 13	1680	06
	02 00	0 00	03 2			7 11	1690	
17 0070	03 69	05 28	026	2 66		7 11	1690	06
17 0080	03 97	05 50	026	2 49		7 11	1690	06
	00 93	0 02	00 4			7 11	1690	
17 0090	04 20	05 66	000	3 10		7 10	1730	06
	02 50	0 37	04 0			7 10	1730	
17 0100	04 29	05 74		3 35		7 08	1740	06
	00 00	0 00				7 08	1740	
17 0105	04 33	05 82		3 45		7 10	1750	06
	00 00	0 00	08 5			7 10	1750	

77 11 0294

21 0000	13 64	03 75	318	0 09				06
	00 00	0 00	04 6			8 21		
21 0005	13 62	03 74		0 09		8 26		06
21 0010	13 59	03 74	317	0 07		8 31		06
	00 00	0 00	05 0			8 30		
21 0015	13 25	03 76		0 13		8 30		06
21 0020	11 50	03 79		0 06		8 22		06
	00 00	0 05	04 5			8 22		

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 0294

21	0030	05 51	03 93	364	0 17			06
						8 08		
21	0040	03 56	03 98		0 23			06
		00 00	0 02	06 0		8 03		
21	0050	03 14	04 18	317	0 60			06
						7 73		
21	0060	02 70	04 51	224	1 03			06
		00 58	0 02	02 8		7 44		
21	0070	03 50	05 11	078	2 26			06
		01 84	0 06	02 5		7 21		

77 11 0295 56 30 0 16 52 966 08 31 22 0065

22	0000	13 40	03 80	316	0 07			06
						8 22		
22	0005	13 38	03 80		0 09			06
						8 24		
22	0010	13 39	03 79	322	0 03			06
						8 23		
22	0015	12 44	03 81		0 09			06
						8 24		
22	0020	12 10	03 82		0 08			06
						8 21		
22	0030	06 16	03 88	364	0 11			06
						8 10		
22	0040	04 14	04 01		0 24			06
						7 96		
22	0050	02 53	04 21	318	0 54			06
						7 63		
22	0060	02 82	04 64	203	1 16			06
						7 42		

77 11 0296 56 19 0 16 41 966 08 31 24 0027

24	0000	13 28	03 83	326	0 14			06
						8 24		
24	0005	13 26	03 83		0 11			06
						8 25		
24	0010	13 24	03 85	321	0 08			06
						8 26		
24	0015	13 25	03 87		0 14			06
						8 26		
24	0020	13 22	03 91	317	0 13			06
						8 23		
24	0025	08 69	03 93	339	0 24			06
						8 13		

Country	Ship	Station number	Latitude		Longitude		Year	Month	Day	Start time	Depth to bottom m
			°	'	°	'					

Obs. time	Obs. depth m	Temperature °C	Colorimetry p./dm ³	Oxygen μmol/dm ³	Phosphate-P μg.-atoms/dm ³	Total P μg.-atoms/dm ³	Silicate-Si μg.-atoms/dm ³	Cond. ends

77 11 0349

23 0040	13 46	18 28		0 35				06
23 0050	11 74	18 53	160	0 59		8 10		06
23 0060	10 68	18 94	152	0 88		8 10		06
						8 06		

77 11 0350

04 0000	13 16	12 06	271	0 18				06
04 0005	13 13	12 07		0 17		8 18		06
04 0010	13 52	12 40	275	0 10		8 21		06
04 0015	13 47	12 57	264	0 07		8 22		06
04 0020	13 36	12 94	255	0 11		8 22		06
						8 22		

77 11 0357

19 0000	08 79	04 30	334	0 10				06
19 0005	08 78	04 29		0 10		7 97	1510	06
19 0010	08 79	04 29	333	0 11		8 09		06
19 0015	08 80	04 29		0 13		8 09	1510	06
19 0020	08 79	04 29		0 10		8 09		06
19 0030	08 81	04 29	333	0 15		8 08		06
19 0040	12 27	07 21	204	0 50		8 10	1510	06
19 0045	12 56	09 98	055	2 04		7 74	1690	06
						7 22	1890	

77 11 0358

22 0000	08 57	04 17	334	0 40				06
22 0005	08 56	04 17		0 17		8 06		06
22 0010	08 54	04 16	336	0 21		8 05		06
						8 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
---------	------	----------------	---------------	----------------------------------	----------------	-----------	-------	-----	------------	-------------------

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 0358

22 0015	08 56		04 16		0 24			06
						8 06		
22 0020	08 56		04 17		0 23			06
						8 08		
22 0030	08 57		04 17	334	0 16			06
						8 07		
22 0040	09 69		07 05	156	0 67			06
						7 60		
22 0045	12 19		07 90	185	0 73			06
						7 68		

77 11 0359 55 23 0 15 20 966 11 16 01 0090

01 0000	08 14		04 16	336	0 15			06
						8 01		
01 0005	08 16		04 16		0 11			06
						8 06		
01 0010	08 14		04 16	310	0 10			06
						8 06		
01 0015	08 13		04 16		0 10			06
						8 06		
01 0020	08 15		04 16	335	0 11			06
						8 08		
01 0030	08 75		04 16	335	0 11			06
						8 07		
01 0040	08 37		04 16	333	0 11			06
						8 09		
01 0050	08 33		04 17	333	0 13			06
						8 05		
01 0060	04 82		04 58	261	0 54			06
						7 54		
01 0070	09 05		06 70	216	0 50			06
						7 66		
01 0080	11 13		08 07	172	0 71			06
						7 64		

77 11 0360 55 15 0 15 59 966 11 16 05 0090

05 0000	08 45		04 13	338	0 15			06
						7 96	1490	
05 0005	08 48		04 12	336	0 18			06
						8 03		
05 0010	08 48		04 12	334	0 13			06
						8 03	1500	
05 0015	08 48		04 12	334	0 17			06
						8 03		
05 0020	08 46		04 12	334	0 18			06
						8 05		

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 0360

05	0030	08 48	04 12	340	0 24			06
05	0040	04 44	04 29	318	0 38	8 06	1500	06
05	0050	04 56	05 44	236	0 54	7 73		06
05	0060	06 43	06 75	206	0 69	7 50	1600	06
05	0070	07 63	07 77	153	0 86	7 48	1680	06
05	0080	07 64	08 74	017	2 36	7 43	1750	06
05	0087	09 28	09 22	072	1 88	7 20	1830	06
						7 29	1830	

77 11 0361

10	0000	08 28	04 08	966	11 16	10 0090		06
10	0005	08 30	04 07	342	0 15	7 95		06
10	0010	08 27	04 07	343	0 18	8 06		06
10	0015	08 27	04 07		0 17	8 08		06
10	0020	08 27	04 07		0 15	8 11		06
10	0020	08 27	04 08		0 16	8 11		06
10	0030	08 26	04 08	342	0 16	8 11		06
10	0040	03 56	04 46		0 56	7 60		06
10	0050	03 46	04 91	212	0 80	7 39		06
10	0060	05 31	06 37	167	0 94	7 33		06
10	0070	06 19	07 36	138	1 17	7 32		06
10	0080	06 34	07 67	108	1 27	7 27		06

77 11 0362

17	0000	08 10	04 13	966	11 16	17 0031		06
17	0005	08 10	04 12	333		7 94		06
17	0010	08 10	04 15	328		7 91		06
						8 00		

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 0362

17 0015	08 07	04 13				8 04		06
17 0020	07 21	04 15	324			7 97		06
17 0025	02 91	04 55	238			7 53		06

77 11 0363 56 30 0 16 52 966 11 16 18 0065

18 0000	07 63	04 02	340			7 95		06
18 0005	07 58	04 02				8 01		06
18 0010	07 61	04 02	340			8 03		06
18 0015	07 59	04 02				8 02		06
18 0020	07 61	04 02				8 03		06
18 0030	07 59	04 03	346			8 06		06
18 0040	02 80	04 48	255			7 51		06
18 0050	03 25	04 95	136			7 27		06
18 0060	03 83	05 40	232			7 12		06

77 11 0364 56 33 0 17 04 966 11 16 19 0069

19 0000	07 25	03 97	345			8 00		06
19 0005	07 24	03 97				8 04		06
19 0010	07 25	03 97	287			8 04		06
19 0015	07 21	03 97				8 06		06
19 0020	07 24	03 97				8 07		06
19 0030	07 23	03 97	309			8 03		06
19 0040	03 34	04 40	270			7 57		06
19 0050	03 28	04 76	205Q			7 41		06
19 0060	03 74	05 28	081			7 18		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																		
														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	0365	57	07	0	17	40	966	11	17	02	0110									
		02 0000	07	23	03	91		343	0	15								8 05	1470		06
		02 0005	07	17	03	91		348	0	16								8 08			06
		02 0010	07	18	03	91		344	0	23								8 08	1480		06
		02 0015	07	15	03	91		347	0	22								8 08			06
		02 0020	07	15	03	91		346	0	18								8 08			06
		02 0030	07	25	03	92		341	0	19								8 11			06
		02 0040	06	35	03	94		346	0	21								8 07	1490		06
		02 0050	02	46	04	34		296	0	55								8 06			06
		02 0060	02	83	04	67		200	1	38								7 69	1550		06
		02 0070	03	27	05	01		108	1	65								7 44			06
		02 0080	03	91	05	48		017	2	62								7 26	1610		06
		02 0090	04	21	05	70		002	3	20								7 15			06
		02 0100	04	18	05	78			2	92								7 13			06
																		7 12	1700		
77	11	0366	57	45	0	17	06	966	11	17	06	0070									
		06 0000	06	15	03	94		353	0	15								7 97			06
		06 0005	06	13	03	94			0	15								8 01			06
		06 0010	06	13	03	93		350	0	15								8 01			06
		06 0015	05	95	03	95			0	16								7 98			06
		06 0020	05	03	04	04			0	18								7 89			06
		06 0030	03	72	04	16		335	0	44								7 77			06
		06 0040	02	54	04	47		275	0	78								7 49			06
		06 0050	03	28	05	05		122	1	69								7 23			06
		06 0060	03	92	05	51		033	2	49								7 12			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	0369						
	11	0010	06 83	03 85	351	0 17		06
	11	0015	06 79	03 85		0 14	7 82	06
	11	0020	06 77	03 85		0 14	8 17	06
	11	0030	06 74	03 85	352	0 15	8 09	06
	11	0040	02 98	04 12		0 29	8 21	06
	11	0050	02 05	04 27	331	0 48	8 27	06
	11	0060	02 69	04 71	208	1 10	8 36Q	06
	11	0070	03 72	05 38	060	2 22	7 43	06
	11	0080	04 16	05 69	005	2 86	7 24	06
							7 15	
77	11	0370	57 40	0 17 56	966	11 17	13 0100	
	13	0000	06 73	03 81	354	0 19		06
	13	0005	06 69	03 78		0 19	8 00	1450
	13	0010	06 67	03 79	354	0 24	8 02	06
	13	0015	06 68	03 80		0 25	8 05	1450
	13	0020	06 67	03 80		0 19	8 07	06
	13	0030	06 70	03 81	353	0 14	8 07	06
	13	0040	02 87	04 13		0 37	8 09	1450
	13	0050	02 18	04 35		0 63	7 92	06
	13	0060	02 78	04 78	196	1 40	7 30	1540
	13	0070	03 62	05 27	074	2 22	7 41	1580
	13	0080	04 03	05 58	012	2 78	7 24	1630
	13	0090	04 30	05 78	002	3 18	7 15	1650
	13	0095	04 34	05 81		3 24	7 13	1680
							7 11	1680

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 0372

17 0090	04 32		05 77	003	2 94			06
17 0100	04 36		05 85	003	3 10	7 03		06
17 0125	04 45		05 94	004	3 24	7 11		06
17 0150	04 50		05 96	002	3 46	7 12		06
						7 12		

77 11 0373

22 0000	06 46		03 74	353	0 13			06
22 0005	06 40		03 73		0 13	7 96	1440	06
22 0010	06 38		03 74	355	0 11	8 07		06
22 0015	06 25		03 75		0 13	8 06	1440	06
22 0020	05 90		03 81		0 21	8 05		06
22 0030	05 68		03 87	353	0 18	8 04		06
22 0040	02 95		04 15		0 28	7 99	1460	06
22 0050	02 35		04 34	310	0 43	7 89		06
22 0060	02 75		04 72		1 04	7 69	1570	06
22 0070	03 53		05 23	089	1 82	7 43		06
22 0080	04 05		05 60		2 40	7 24	1630	06
22 0090	04 36		05 82		2 64	7 08		06
21 0100	04 35		05 86	007	2 60	7 10		06
21 0125	04 47		05 96		2 63	7 10	1660	06
21 0150	04 61		06 06	002	2 67	7 08		06
21 0200	04 74		06 16	004	2 89	7 11		06
21 0300	04 79		06 22	004	2 80	7 11	1670	06
21 0400	04 82		06 24	003	2 57	7 10	1690	06
21 0425	04 84		06 24	002	2 56	7 11	1690	06
						7 12	1700	

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 0373

21 0440	04 85	06 24	003	2 61		7 13	1690	06
---------	-------	-------	-----	------	--	------	------	----

77 11 0374

58 47	0 19 06	966	11 18	14 0153				
15 0000	06 28	03 75	354	0 18		7 87		06
15 0005	06 27	03 75		0 14		7 94		06
15 0010	06 23	03 75	336	0 13		7 92		06
15 0015	06 20	03 75		0 13		8 03		06
15 0020	06 00	03 77		0 14		8 03		06
15 0030	05 83	03 84	348	0 22		7 96		06
15 0040	04 38	04 10		0 25		7 83		06
15 0050	02 56	04 25	341	0 30		7 79		06
15 0060	02 50	04 44		0 55		7 58		06
15 0070	02 93	04 82	198	1 12		7 35		06
14 0080	03 77	05 36		1 88		7 24		06
14 0090	04 25	05 71		2 38		7 17		06
14 0100	04 47	05 95	010	2 70		7 13		06
14 0125	04 64	06 05	002	2 84		7 14		06
14 0140	04 70	06 03	001			7 12		06

77 11 0375

58 53	0 20 19	966	11 18	21 0170				
22 0000	07 02	03 82	350	0 17		8 05		06
22 0005	07 02	03 87		0 11		8 06		06
22 0010	07 03	03 85	351	0 11		8 02		06
22 0015	07 03	03 82		0 12		8 08		06
22 0020	07 06	03 86		0 14		8 09		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 0376	02 0140	05 02	06 33	004	3 90	7 06		06		
77 11 0377	59 18	0 21 28	966	11 19	06 0105					
06 0000	07 41	03 84	344	0 13	8 00	1500		06		
06 0005	07 41	03 87		0 13	8 03			06		
06 0010	07 40	03 88	342	0 15	8 02	1500		06		
06 0015	07 39	03 86		0 13	8 02			06		
06 0020	07 38	03 86		0 16	8 06			06		
06 0030	07 39	03 86	346	0 17	8 04	1500		06		
06 0040	07 27	03 87		0 18	8 06			06		
06 0050	06 93	03 93		0 28	8 00	1530		06		
06 0060	03 51	04 44	206	1 16	7 47	1560		06		
06 0070	03 13	04 64	167	1 47	7 38	1580		06		
06 0080	03 21	04 79	151	1 71	7 14	1590		06		
06 0090	03 79	05 50	047	2 80	7 05	1660		06		
06 0095	04 08	05 74	019		7 04	1680		06		
06 0100	04 29	05 87	011	3 10	7 05	1670		06		
77 11 0378	58 27	0 20 20	966	11 19	13 0116					
13 0000	07 81	03 91	346	0 15	8 05			06		
13 0005	07 81	03 91		0 13	8 10			06		
13 0010	07 77	03 91	340	0 13	8 12			06		
13 0015	07 79	03 91		0 13	8 13			06		
13 0020	07 76	03 91		0 11	8 13			06		
13 0030	07 74	03 92	342	0 15	8 14			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 0379

21 0190	05 54	06 85			4 44			06
---------	-------	-------	--	--	------	--	--	----

7 15

77 11 0380

03 0000	06 50	04 09	966	11 21	03 0050			06
---------	-------	-------	-----	-------	---------	--	--	----

03 0005	06 47	04 08			0 33			06
---------	-------	-------	--	--	------	--	--	----

03 0010	06 51	04 09	348		0 22			06
---------	-------	-------	-----	--	------	--	--	----

03 0015	06 50	04 08			0 34			06
---------	-------	-------	--	--	------	--	--	----

03 0020	06 50	04 09			0 33			06
---------	-------	-------	--	--	------	--	--	----

03 0030	06 47	04 09	349		0 29			06
---------	-------	-------	-----	--	------	--	--	----

03 0040	04 38	04 22	332		0 46			06
---------	-------	-------	-----	--	------	--	--	----

7 78

77 11 0381

05 0000	07 21	04 08	966	11 21	05 0121			06
---------	-------	-------	-----	-------	---------	--	--	----

05 0005	07 18	04 08			0 15			06
---------	-------	-------	--	--	------	--	--	----

05 0010	07 17	04 08	346		0 05			06
---------	-------	-------	-----	--	------	--	--	----

05 0015	07 17	04 08			0 01			06
---------	-------	-------	--	--	------	--	--	----

05 0020	07 18	04 08			0 05			06
---------	-------	-------	--	--	------	--	--	----

05 0030	07 17	04 07	347		0 13			06
---------	-------	-------	-----	--	------	--	--	----

05 0040	07 16	04 08			0 09			06
---------	-------	-------	--	--	------	--	--	----

05 0050	02 80	04 22	337		0 31			06
---------	-------	-------	-----	--	------	--	--	----

05 0060	02 13	04 45	292		0 45			06
---------	-------	-------	-----	--	------	--	--	----

05 0070	03 54	05 15	134		1 14			06
---------	-------	-------	-----	--	------	--	--	----

05 0080	04 33	05 74	074		1 66			06
---------	-------	-------	-----	--	------	--	--	----

05 0090	04 84	06 07	007		1 87			06
---------	-------	-------	-----	--	------	--	--	----

05 0100	05 09	06 27	030		1 79			06
---------	-------	-------	-----	--	------	--	--	----

7 12

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 0381

05 0115 05 40 06 62 026 1 78 7 14 06

77 11 0382 57 22 0 19 44 966 11 21 06 0170

07 0000 07 27 04 03 346 0 16 7 97 06

07 0005 07 28 04 03 0 13 8 06 06

07 0010 07 30 04 02 342 0 10 8 09 06

07 0015 07 16 04 04 0 12 8 09 06

07 0020 07 15 04 05 0 08 8 08 06

07 0030 07 07 04 07 346 0 16 8 07 06

07 0040 07 09 04 07 0 07 8 07 06

07 0050 05 53 04 13 331 0 26 7 97 06

07 0060 02 94 04 49 260 0 64 7 55 06

07 0070 03 57 05 17 113 1 50 7 36 06

06 0080 04 44 05 81 032 1 99 6 98 06

06 0090 04 90 06 12 024 1 93 7 03 06

06 0100 05 17 06 34 034 1 70 7 08 06

06 0125 05 54 06 85 004 2 63 7 07 06

06 0150 05 72 07 07 001 4 30 7 08 06

77 11 0383 57 20 0 20 03 966 11 21 08 0249

09 0000 07 47 03 99 344 0 15 8 01 1510 06

09 0005 07 48 03 99 346 0 16 7 93 1510 06

09 0010 07 48 03 97 346 0 13 8 06 1510 06

09 0015 07 48 03 97 344 0 16 8 09 1510 06

09 0020 07 39 03 99 345 0 24 8 13 1520 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 0383

09 0030	07 40	04 03	348	0 17		8 14	1520	06
09 0040	07 37	04 04	345	0 18		8 16	1510	06
09 0050	02 14	04 32	313	0 54		7 80	1570	06
09 0060	03 01	04 61	234	0 72		7 55	1580	06
09 0070	03 66	05 25	109	1 32		7 30	1630	06
09 0080	04 42	05 78	040	1 64		7 23	1670	06
09 0090	04 81	06 06	033	1 68		7 25	1690	06
08 0100	05 04	06 22	045	1 65		7 02	1680	06
08 0125	05 41	06 57	032	1 82		7 10	1700	06
08 0150	05 59	06 90	006	2 43		7 05	1720	06
08 0175	05 70	07 03		3 46		7 10	1750	06
08 0200	05 78	07 11	004	3 52		7 12	1760	06
08 0225	05 82	07 18		4 68		7 17	1810	06
08 0240	05 84	07 20		6 37		7 24	1840	06

77 11 0384 57 18 0 20 21 966 11 21 11 0184

11 0000	07 15	04 06	345	0 10		7 98		06
11 0005	07 17	04 07		0 12		8 06		06
11 0010	07 14	04 07	346	0 16		8 08		06
11 0015	07 12	04 08		0 15		8 08		06
11 0020	07 13	04 08		0 27		8 08		06
11 0030	07 10	04 08	346	0 19		8 07		06
11 0040	07 10	04 08		0 26		8 07		06
11 0050	03 62	04 29	312	0 39		7 73		06
11 0060	02 68	04 54	251	0 73		7 49		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						

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 μva! /dm ³	

77 11 0388								
02 0015	06 14	04 04			0 24			06
02 0020	06 18	04 04		354	0 27	8 02		06
						8 02		
77 11 0389	56 59	0 18 47	966	11 23	04 0074			
04 0000	06 24	04 04	352	0 21		7 88		06
04 0005	06 21	04 04		0 20		7 93		06
04 0010	06 28	04 05	340	0 24		7 95		06
04 0015	06 37	04 06		0 24		7 97		06
04 0020	06 46	04 06		0 24		7 97		06
04 0030	06 32	04 06	344	0 28		7 98		06
04 0040	05 25	04 15		0 35		7 85		06
04 0050	03 99	04 26	316	0 39		7 74		06
04 0060	03 07	04 25	188	0 99		7 37		06
04 0070	04 01	05 48	060	1 71		7 15		06
77 11 0390	56 51	0 18 52	966	11 23	05 0115			
05 0000	06 72	04 06	341	0 17		7 93		06
05 0005	06 78	04 06		0 17		8 01		06
05 0010	06 79	04 06	349	0 16		8 03		06
05 0015	06 79	04 06		0 19		8 04		06
05 0020	06 76	04 06		0 19		8 05		06
05 0030	06 76	04 06	349	0 18		8 05		06
05 0040	06 74	04 06		0 17		8 04		06
05 0050	02 08	04 30	330	0 35		7 75		06
05 0060	02 71	04 64	241	0 67		7 46		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 0390

05 0070	03 78	05 30	093	1 38				06
						7 22		
05 0080	04 30	05 69	0380	1 84				06
						7 13		
05 0090	04 66	05 95	043	1 71				06
						7 13		
05 0100	04 94	06 16	038	1 71				06
						7 12		

77 11 0391 56 07 0 19 19 966 11 23 10 0120

10 0000	07 42	04 09	347	0 13				06
						8 21		
10 0005	07 41	04 08		0 12				06
						8 16		
10 0010	07 40	04 08	351	0 09				06
						8 16		
10 0015	07 40	04 08		0 07				06
						8 16		
10 0020	07 39	04 09		0 06				06
						8 14		
10 0030	07 41	04 08	345	0 07				06
						8 15		
10 0040	07 36	04 08		0 05				06
						8 13		
10 0050	02 33	04 27	338	0 33				06
						7 80		
10 0060	02 54	04 61	253	0 57				06
						7 53		
10 0070	03 97	05 49	098	1 17				06
						7 24		
10 0080	04 40	05 95	063	1 42				06
						7 19		
10 0090	04 67	06 17	061	1 48				06
						7 18		
10 0100	04 72	06 29	073	1 46				06
						7 19		
10 0110	04 70	06 32	069	1 45				06
						7 21		

77 11 0392 55 38 0 18 36 966 11 23 14 0097

14 0000	07 58	04 06	345	0 16				06
						8 04		
14 0005	07 60	04 07		0 13				06
						8 08		
14 0010	07 59	04 06	342	0 16				06
						8 08		

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	

77 11 0392

14	0015	07 58		04 06			0 13														06
14	0020	07 57		04 06			0 13											8 12			06
14	0030	07 61		04 03		346	0 15											8 11			06
14	0040	07 57		04 07			0 13											8 11			06
14	0050	07 53		04 06		346	0 16											8 05			06
14	0060	02 44		04 38		305	0 45											8 09			06
14	0070	03 10		04 89		180	0 80											7 72			06
14	0080	04 05		05 48		087	1 27											7 39			06
14	0090	06 13		07 24		136	1 17											7 33			06
																		7 39			

77 11 0393

56	14	0 12 22		966	11 24	16 0023															
16	0000	06 26		05 88		337	0 42														06
16	0005	06 17		06 47			0 50											8 00			06
16	0010	08 46		14 31		241	0 86											8 06			06
16	0015	10 18		17 46			0 72											8 02			06
16	0020	11 05		18 39		159	0 98											8 08			06
																		8 01			

77 11 0394

56	58	0 11 46		966	11 25	00 0100															
00	0000	05 87		10 78		342	0 23														06
00	0005	05 80		10 74			0 16											8 24			06
00	0010	09 94		16 19		246	0 46											8 21			06
00	0015	11 56		18 31			0 50											8 16			06
00	0020	11 62		18 56			0 56											8 18			06
00	0030	11 32		18 83		233	0 51											8 17			06
00	0040	11 10		19 01			0 58											8 16			06
																		8 14			

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 0394

00	0050	10 85	19 16	219	0 70			06
						8 11		
00	0060	10 78	19 20	217	0 74			06
						8 11		
00	0070	10 76	19 21	216	0 72			06
						8 11		
00	0080	10 73	19 22	217	0 71			06
						8 11		
00	0090	10 79	19 23	214	0 77			06
						8 09		

77 11 0395 57 12 0 11 40 966 11 25 03 0056

03	0000	05 92	10 50	340	0 23			06
						8 09		
03	0005	05 95	10 52		0 18			06
						8 11		
03	0010	09 52	15 19	266	0 35			06
						8 08		
03	0015	10 10	18 04		0 49			06
						8 11		
03	0020	10 12	18 27		0 46			06
						8 14		
03	0030	10 67	18 75	255	0 49			06
						8 15		
03	0040	10 76	19 04		0 56			06
						8 11		
03	0050	10 60	19 25	217	0 74			06
						8 09		

"Thetis"

Temperature and Salinity

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	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	0001	57	54	0	11	32	66	01	24	12		2	8	0	1
		0036	-03					14	02		006					
	12	0000	-00	82		21	688	17	41				3	4	03	
	12	0005	-01	12		23	576	18	29				3	4	03	
	12	0010	-00	96		24	692	19	97				3	4	03	
	12	0015	-00	10		28	869	23	20				3	4	03	
	12	0020	02	81		31	875	25	43				3	4	03	
	12	0030	05	45		34	220	27	02				3	4	03	
	12	0034	06	36		34	900	27	45				3	4	03	
77	13	0002	57	53	0	11	25	66	01	24	13		2	8	0	1
		0054	-03					14	04		003					
	13	0000	-01	06		22	251	17	84				3	4	03	
	13	0005	-00	82		23	856	19	16				3	4	03	
	13	0010	00	23		27	065	21	74				3	4	03	
	13	0015	01	18		30	454	24	40				3	4	03	
	13	0020	02	35		31	820	25	42				3	4	03	
	13	0030	05	01		33	833	26	77				3	4	03	
	13	0040	06	19		34	741	27	34				3	4	03	
	13	0050	06	64		35	069	27	53				3	4	03	
77	13	0003	57	52	0	11	18	66	01	24	14		2	8	0	1
		0088	-03					14	04		008					
	14	0000	-01	16		23	705	19	04				3	4	03	
	14	0005	-01	18		24	144	19	40				3	4	03	
	14	0010	-01	16		27	606	22	18				3	4	03	
	14	0015	02	65		32	145	25	66				3	4	03	
	14	0020	03	28		32	629	25	98				3	4	03	
	14	0030	06	17		34	207	26	93				3	4	03	
	14	0040	06	06		34	440	27	11				3	4	03	
	14	0050	06	25		34	679	27	28				3	4	03	
	14	0060	06	63		34	921	27	42				3	4	03	
	14	0070	06	68		35	125	27	58				3	4	03	
	14	0080	06	66		35	125	27	59				3	4	03	
77	13	0004	57	52	0	11	21	66	01	24	14		2	8	0	1
		0064	-03					14	04		008					
	14	0000	-01	18		23	880	19	18				3	4	03	
	14	0005	-01	17		23	969	19	25				3	4	03	
	14	0010	-00	12		26	832	21	57				3	4	03	
	14	0015	01	72		30	871	24	70				3	4	03	
	14	0020	02	15		32	012	25	58				3	4	03	
	14	0030	05	31		33	898	26	79				3	4	03	
	14	0040	06	15		34	436	27	11				3	4	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 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	13	0004														
	14	0050	06	38		34	686		27	25				3	4	03
	14	0060	06	65		35	114		27	48				3	4	03
77	13	0005	57	51	0	11	15		66	01	24	15		2	8	0 1
		0074	-02	5					14	02		008				
	15	0000	-01	16		23	613		18	97				3	4	03
	15	0005	-01	19		23	625		18	98				3	4	03
	15	0010	-00	54		28	320		22	76				3	4	03
	15	0015	03	22		32	431		25	83				3	4	03
	15	0020	04	53		33	284		26	39				3	4	03
	15	0030	05	74		34	173		26	94				3	4	03
	15	0040	06	20		34	536		27	16				3	4	03
	15	0050	06	44		34	681		27	24				3	4	03
	15	0060	06	72		34	990		27	46				3	4	03
	15	0070	06	74		34	989		27	47				3	4	03
77	13	0006	57	50	0	11	04		66	01	24	16		2	8	0 1
		0051	-02						00	00		008				
	16	0000	-01	07		24	145		19	40				3	4	03
	16	0005	-01	15		24	188		19	43				3	4	03
	16	0010	01	02		27	543		22	08				3	4	03
	16	0015	02	92		30	520		24	34				3	4	03
	16	0020	04	58		33	609		26	63				3	4	03
	16	0030	05	23		34	141		26	98				3	4	03
	16	0040	06	23		34	625		27	25				3	4	03
	16	0050	06	22		34	636		27	27				3	4	03
77	13	0007	57	48	0	10	52		66	01	24	18		2	8	0 1
		0055	-02						18	04		005				
	18	0000	-01	21		24	690		19	80				3	4	03
	18	0005	-01	08		26	712		21	40				3	4	03
	18	0010	00	35		29	448		23	53				3	4	03
	18	0015	03	66		32	854		26	20				3	4	03
	18	0020	05	18		33	674		26	51				3	4	03
	18	0030	05	61		34	247		27	01				3	4	03
	18	0040	06	17		34	599		27	22				3	4	03
	18	0050				34	890							3	4	03
77	13	0008	57	48	0	10	42		66	01	24	19		2	8	0 1
		0078	-01						00	00		013				
	19	0000	-01	09		24	042		19	31				3	4	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	'	ON+E 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 0008

19 0005	-01 26	25 924	20 82	3 4 03
19 0010	00 00	29 185	23 42	3 4 03
19 0015	03 30	32 610	25 97	3 4 03
19 0020	05 09	33 700	26 66	3 4 03
19 0030	05 36	34 118	26 94	3 4 03
19 0040	05 90	34 393	27 11	3 4 03
19 0050	05 98	34 565	27 23	3 4 03
19 0060	06 57	34 932	27 43	3 4 03

77 13 0009 57 58 0 10 35 66 01 24 20 2 8 0 1
0142 -01 18 06 012

21 0000	+01 15	24 291	19 52	3 4 03
21 0005	-01 18	24 497	19 70	3 4 03
21 0010	-00 46	27 452	22 06	3 4 03
21 0015	01 56	30 466	24 40	3 4 03
21 0020	02 55	31 507	25 15	3 4 03
21 0030	05 34	34 432	27 19	3 4 03
21 0040	05 23	34 508	27 27	3 4 03
21 0050	05 31	34 556	27 30	3 4 03
20 0060	05 58	34 601	27 30	3 4 03
20 0070	05 48	34 604	27 31	3 4 03
20 0080	05 58	34 612	27 32	3 4 03
20 0090	05 56			4 03
20 0100	05 65	34 646	27 34	3 4 03
20 0125	06 59	35 024	27 50	3 4 03

77 13 0010 58 01 0 10 49 66 01 24 23 2 8 0 1
0207 -01 20 06 009

23 0000	-01 28	25 528	20 50	3 4 03
23 0005	-01 28	25 529	20 50	3 4 03
23 0010	00 97	29 611	23 73	3 4 03
23 0015	04 14	33 081	26 26	3 4 03
23 0020	05 15	34 116	26 97	3 4 03
23 0030	05 24	34 434	27 20	3 4 03
23 0040	05 51	34 520	27 24	3 4 03
23 0050	05 75	34 600	27 28	3 4 03
23 0060	05 50	34 589	27 30	3 4 03
23 0070	05 64	34 626	27 31	3 4 03
23 0080	05 54	34 634	27 34	3 4 03
23 0090	05 66	34 632	27 32	3 4 03
23 0100	05 64	34 658	27 36	3 4 03
23 0125	06 14	34 801	27 40	3 4 03
23 0150	06 25	34 793	27 37	3 4 03
23 0175	06 69	35 096	27 55	3 4 03
23 0200	06 62	35 143	27 60	3 4 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	
			°	'		°	'									
		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. % ↓	Stn. method	Extra info.	Card code		
77	13	0011	58	02	0	10	57	66	01	24	23	2	8	0	1	
		0157	-01					23	10		008					
	24	0000	-01	28		26	238	21	09			3	4	03		
	24	0005	-01	03		26	579	21	36			3	4	03		
	24	0010	01	61		30	557	24	47			3	4	03		
	24	0015	03	76		32	702	26	00			3	4	03		
	24	0020	04	44		33	989	26	95			3	4	03		
	24	0030	04	40		34	291	27	20			3	4	03		
	24	0040	05	16		34	358	27	17			3	4	03		
	24	0050	05	34		34	475	27	24			3	4	03		
	23	0060	05	51		34	556	27	28			3	4	03		
	23	0070	05	86		34	655	27	32			3	4	03		
	23	0080	06	20		34	781	27	37			3	4	03		
	23	0090	06	38		34	847	27	41			3	4	03		
	23	0100	06	19		34	847	27	44			3	4	03		
	23	0125	06	36		34	956	27	49			3	4	03		
	23	0150	06	68		35	114	27	57			3	4	03		
77	13	0012	58	03	0	11	04	66	01	25	00	2	8	0	1	
		0125	-01					23	06		008					
	01	0000	-01	16		25	022	20	11			3	4	03		
	01	0005	-00	12		27	763	22	30			3	4	03		
	01	0010	00	28		29	365	23	58			3	4	03		
	01	0015	03	71		32	777	26	07			3	4	03		
	01	0020	04	54		33	409	26	48			3	4	03		
	01	0030	05	77		34	261	27	02			3	4	03		
	01	0040	06	15		34	522	27	17			3	4	03		
	01	0050	06	44		34	699	27	27			3	4	03		
	00	0060	06	51		34	774	27	32			3	4	03		
	00	0070	06	52		34	856	27	40			3	4	03		
	00	0080	06	58		34	902	27	42			3	4	03		
	00	0090	06	66		34	964	27	45			3	4	03		
	00	0100	06	81		35	072	27	52			3	4	03		
	00	0120	06	76		35	096	27	35			3	4	03		
77	13	0013	58	04	0	11	09	66	01	25	02	2	8	0	1	
		0106	-01	5				23	10		009					
	02	0000	-01	16		23	649	19	00			3	4	03		
	02	0005	-01	23		24	230	19	46			3	4	03		
	02	0010	00	80		29	276	23	49			3	4	03		
	02	0015	02	40		32	175	25	70			3	4	03		
	02	0020	04	54		33	244	26	35			3	4	03		
	02	0030	06	35		34	300	26	97			3	4	03		
	02	0040	06	30		34	460	27	10			3	4	03		
	02	0050	05	98		34	558	27	23			3	4	03		
	02	0060	06	37		34	737	27	32			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										
		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	0013															
	02 0070		06 72		34 918		27 41						3 4	03		
	02 0080		06 67		34 988		27 48						3 4	03		
	02 0090		06 72		35 065		27 53						3 4	03		
	02 0100		06 70		35 109		27 56						3 4	03		
77 13	0014		58 05	0	11 13		66 01			25	03		2 8	0 1		
	0054		-01 5				23 10				007					
	03 0000		-01 07		22 571		18 11						3 4	03		
	03 0005		-01 24		24 412		19 62						3 4	03		
	03 0010		-00 86		26 663		21 42						3 4	03		
	03 0015		00 86		30 473		24 44						3 4	03		
	03 0020		03 63		32 666		25 99						3 4	03		
	03 0030		05 95		34 236		26 98						3 4	03		
	03 0040		06 24		34 486		27 14						3 4	03		
	03 0050		06 30		34 606		27 23						3 4	03		
77 13	0015		58 05	0	11 17		66 01			25	03		2 8	0 1		
	0047		-01 5				23 08				016					
	03 0000		-01 11		21 653		17 37						3 4	03		
	03 0005		-00 94		24 686		19 84						3 4	03		
	03 0010		-00 89		26 325		21 16						3 4	03		
	03 0015		-00 84		27 808		22 36						3 4	03		
	03 0020		01 85		31 461		25 18						3 4	03		
	03 0030		03 67		34 276		27 27						3 4	03		
77 13	0016		58 14	0	11 35		66 01			25	11		2 8	0 1		
	0042		00				20 10				000					
	03 0040		06 62		34 909		27 42						3 4	03		
	11 0000		-00 87		25 58		20 55			07	46		1 3	03		
	11 0005		-00 60		26 12		20 99			07	49		1 3	03		
	11 0010		00 07		26 79		21 51			07	15		1 3	03		
	11 0015		03 61		27 84		22 13			04	03		1 3	03		
	11 0020		05 02		28 50		22 56			00	54		1 3	03		
	11 0025		05 38		28 59		22 60			00	22		1 3	03		
	11 0030		05 16		28 45		22 51			00	31		1 3	03		
	11 0035		04 88		28 64		22 69			00	63		1 3	03		
	11 0040		04 00		28 58		22 71			01	17		1 3	03		
77 13	0017		58 20	0	11 10		66 01			26	08		2 8	0 1		
	0052		-02				14 12				016					
	08 0000		-01 07		24 172		19 41						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 13 0020

10	0070	06	76		34	976		27	46				3	4	03
10	0080	06	88		35	040		27	49				3	4	03
10	0090	06	74		35	074		27	53				3	4	03
10	0100	06	80		35	098		27	54				3	4	03
10	0110	06	75		35	102		27	55				3	4	03

77	13	0021	58	18	0	10	51	66	01	26	11		2	8	2	0
		0137	-02						14	10		007				

12	0000	-00	69		26	019		20	91				3	4	03
12	0005	-00	79		26	072		20	94				3	4	03
12	0010	-00	37		28	019		22	49				3	4	03
12	0015	01	91		30	967		24	77				3	4	03
12	0020	04	05		33	035		26	25				3	4	03
12	0030	05	54		33	930		26	79				3	4	03
12	0040	06	08		34	481		27	15				3	4	03
12	0050	05	80		34	485		27	20				3	4	03
11	0060	06	05		34	715		27	34				3	4	03
11	0070	06	21		34	827		27	42				3	4	03
11	0080	06	30		34	876		27	45				3	4	03
11	0090	06	07		34	862		27	46				3	4	03
11	0100	06	19		34	902		27	47				3	4	03
11	0125	06	81		35	116		27	56				3	4	03

77	13	0022	58	16	0	10	44	66	01	26	13		2	8	2	0
		0201	-02						14	14		003				

13	0000	-01	06		24	919		20	03				3	4	03
13	0005	-00	75		25	551		20	52				3	4	03
13	0010	00	59		28	067		22	53				3	4	03
13	0015	02	39		31	286		25	01				3	4	03
13	0020	04	50		33	499		26	56				3	4	03
13	0030	05	89		34	215		26	97				3	4	03
13	0040	05	92		34	388		27	10				3	4	03
13	0050	05	97		34	481		27	17				3	4	03
13	0060	05	72		34	584		27	28				3	4	03
13	0070	05	73		34	646		27	33				3	4	03
13	0080	06	07		34	782		27	39				3	4	03
13	0090	06	47		34	847		27	40				3	4	03
13	0100	06	42		34	898		27	44				3	4	03
13	0125	06	47		34	916		27	45				3	4	03
13	0150	06	76		35	039		27	50				3	4	03
13	0175	06	77		35	081		27	53				3	4	03
13	0190	06	82		35	110		27	55				3	4	03

77	13	0023	58	15	0	10	34	66	01	26	14		2	8	2	1
		0280	-02	5					07	16		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.	Card code					
		↓		↓	↓	↓	↓	↓								

77 13 0023

15	0000	-00	32	28	296	22	74					3	4	03
15	0005	00	53	28	793	23	11					3	4	03
15	0010	03	13	32	401	25	82					3	4	03
15	0015	04	56	33	871	26	85					3	4	03
15	0020	04	90	34	039	26	95					3	0	03
15	0030	04	98	34	226	27	09					3	4	03
15	0040	05	30	34	483	27	25					3	4	03
15	0050	05	20	34	540	27	31					3	4	03
15	0060	05	11	34	532	27	31					3	4	03
15	0070	05	31	34	582	27	33					3	4	03
14	0080	05	27	34	585	27	34					3	4	03
14	0090	05	27	34	583	27	33					3	4	03
14	0100	05	27	34	584	27	33					3	4	03
14	0125	05	73	34	681	27	35					3	4	03
14	0150	05	56	34	752	27	43					3	4	03
14	0175	06	21	34	890	27	46					3	4	03
14	0200	06	71	35	038	27	51					3	4	03
14	0250	06	82	35	106	27	55					3	4	03
14	0270	06	82	35	123	27	56					3	4	03

77 13 0024

	0450	-01	5	0	10	11	66	01	26	17		2	8	3	0
							07	18		009					
17	0000	02	76	32	095	25	61					3	4	03	
17	0005	02	77	32	106	25	62					3	4	03	
17	0010	03	71	33	593	26	71					3	4	03	
17	0015	04	33	34	006	26	98					3	4	03	
17	0020	05	12	34	393	27	20					3	0	03	
17	0030	04	71	34	525	27	35					3	4	03	
17	0040	04	94	34	534	27	33					3	4	03	
17	0050	05	44	34	631	27	35					3	4	03	
17	0060	05	58	34	650	27	35					3	4	03	
17	0070	05	66	34	664	27	35					3	4	03	
17	0080	05	56	34	650	27	35					3	4	03	
17	0090	05	71	34	701	27	37					3	4	03	
17	0100	05	68	34	697	27	38					3	4	03	
17	0125	05	75	34	747	27	40					3	4	03	
17	0150	05	39	34	703	27	41					3	4	03	
17	0175	06	09	34	866	27	47					3	4	03	
17	0200	05	92	34	876	27	49					3	4	03	
17	0250	06	34	35	016	27	55					3	4	03	
17	0300	06	78	35	130	27	58					3	4	03	
17	0400	06	27	35	156	27	67					3	4	03	

77 13 0025

	0550	-01	5	0	10	00	66	01	26	19		2	8	3	0
							07	22		009					

20 0000

03 47

33 607

26 75

3 4 03

Country	Ship	Station number	Latitude			Longitude			Year	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 13 0025

20 0005	03 50			33 611	26 75							3 4 03
20 0010	04 08			33 820	26 85							3 4 03
20 0015	04 29			33 955	26 95							3 4 03
20 0020	04 73			34 172	27 07							3 4 03
20 0030	05 45			34 601	27 32							3 4 03
20 0040	05 79			34 687	27 35							3 4 03
20 0050	05 85			34 711	27 36							3 4 03
20 0060	05 79			34 722	27 38							3 4 03
20 0070	05 78			34 743	27 39							3 4 03
19 0080	05 69			34 729	27 39							3 4 03
19 0090	05 68			34 776	27 45							3 4 03
19 0100	05 64			34 788	27 45							3 4 03
19 0125	05 68			34 831	27 48							3 4 03
19 0150	05 92			34 880	27 49							3 4 03
19 0175	05 95			34 925	27 53							3 4 03
19 0200	05 84			34 941	27 55							3 4 03
19 0300	06 54			35 126	27 60							3 4 03
19 0400	06 30			35 126	27 64							3 4 03
19 0500	05 85			35 193	27 75							3 4 03

77 13 0026	58 29	0	10 18	66 01	26	22	2 8 3 0
0385	-01 5			09 18		009	

22 0000	03 50			33 841	26 93		3 0 03
22 0005	03 52			33 837	26 93		3 0 03
22 0010	03 70			33 901	26 96		3 0 03
22 0015	04 46			34 289	27 19		3 0 03
22 0020	05 04			34 513	27 30		3 0 03
22 0030	05 28			34 590	27 34		3 0 03
22 0040	05 38			34 630	27 35		3 0 03
22 0050	05 86			34 738	27 39		3 0 03
22 0060	06 06			34 795	27 40		3 0 03
22 0070	06 25			34 844	27 42		3 0 03
22 0080	06 35			34 882	27 43		3 0 03
22 0090	06 92			35 028	27 48		3 0 03
22 0100	06 90			35 054	27 49		3 0 03
22 0125	07 05			35 114	27 51		3 0 03
22 0150	06 95			35 126	27 55		3 0 03
22 0175	06 92			35 138	27 56		3 0 03
22 0200	06 77			35 134	27 58		3 0 03
22 0300	06 40			35 148	27 64		3 0 03
22 0375	06 21			35 138	27 66		3 0 03

77 13 0027	58 31	0	10 33	66 01	26	24	2 8 3 0
0185	-02			09 14		007	

24 0000	-00 89			26 458	21 26		3 0 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									
		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 0027

24	0005	-00	54	27	006	21	70			3	0	03
24	0010	00	32	29	369Q	23	57			3	0	03
24	0015	03	44	29	361Q	23	38			3	0	03
24	0020	04	86	33	139	26	24			3	0	03
24	0030	05	72	33	973	26	79			3	0	03
24	0040	05	90	34	379	27	09			3	0	03
24	0050	05	77	34	532	27	23			3	0	03
24	0060	05	75	34	612	27	30			3	0	03
24	0070	06	21	34	750	27	35			3	0	03
24	0080	06	58	34	861	27	39			3	0	03
24	0090	06	51	34	896	27	43			3	0	03
24	0100	06	61	34	945	27	46			3	0	03
24	0125	06	59	34	991	27	49			3	0	03
24	0150	06	90	35	100	27	53			3	0	03
24	0175	06	70	35	126	27	59			3	0	03

77 13 0028

58	32	0	10	41	66	01	27	01	2	8	3	0
0150	-03				09	16		013				
01	0000	-00	39	27	958	22	47			3	0	03
01	0005	-00	40	27	956	22	47			3	0	03
01	0010	-00	38	28	686	23	05			3	0	03
01	0015	03	91	32	771	26	04			3	0	03
01	0020	05	22	33	545	26	52			3	0	03
01	0030	06	27	34	380	27	05			3	0	03
01	0040	05	90	34	391	27	10			3	0	03
01	0050	05	79	34	501	27	20			3	0	03
01	0060	05	95	34	606	27	27			3	0	03
01	0070	06	45	34	788	27	34			3	0	03
01	0080	06	67	34	925	27	44			3	0	03
01	0090	06	78	35	005	27	48			3	0	03
01	0100	06	70	35	064	27	53			3	0	03
01	0125	06	59	35	136	27	60			3	0	03
01	0140	06	57	35	134	27	60			3	0	03

77 13 0029

58	33	0	10	48	66	01	27	02	2	8	2	0
0106	-03				09	16		004				
02	0000	-01	18	27	571	22	16			3	0	03
02	0005	-00	97	27	772	22	33			3	0	03
02	0010	-00	04	30	115	24	20			3	0	03
02	0015	03	92	32	716	26	00			3	0	03
02	0020	04	94	33	311	26	36			3	0	03
02	0030	05	86	34	156	26	93			3	0	03
02	0040	06	33	34	499	27	13			3	0	03
02	0050	06	44	34	641	27	23			3	0	03
02	0060	06	61	34	820	27	35			3	0	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	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	0029														
	02	0070	06	76	34	924	27	42					3	0	03	
	02	0080	06	78	35	033	27	49					3	0	03	
	02	0090	06	71	35	108	27	57					3	0	03	
	02	0100	06	67	35	113	27	58					3	0	03	
77	13	0030	58	33	0	10	54	66	01	27	03		2	8	1	1
		0080	-03					09	16		008					
	03	0000	-01	36	26	850	21	58					3	0	03	
	03	0005	-01	34	26	894	21	61					3	0	03	
	03	0010	-00	47	29	594	23	78					3	0	03	
	03	0015	03	05	31	977	25	50					3	0	03	
	03	0020	03	95	33	168	26	35					3	0	03	
	03	0030	05	45	34	031	26	87					3	0	03	
	03	0040	06	13	34	452	27	12					3	0	03	
	03	0050	06	53	34	656	27	24					3	0	03	
	03	0060	06	56	34	815	27	36					3	0	03	
	03	0070	06	72	34	934	27	43					3	0	03	
77	13	0031	58	34	0	10	57	66	01	27	04		2	8	0	1
		0066	-03					07	06		009					
	04	0000	-01	29	25	908	20	88					3	0	03	
	04	0005	-01	30	26	209	21	06					3	0	03	
	04	0010	-00	74	28	749	23	12					3	0	03	
	04	0015	00	25	29	901	24	01					3	0	03	
	04	0020	02	42	32	188	25	71					3	0	03	
	04	0030	05	46	33	918	26	79					3	0	03	
	04	0040	06	15	34	341	27	03					3	0	03	
	04	0050	06	42	34	471	27	10					3	0	03	
	04	0060	06	71	34	765	27	30					3	0	03	
77	13	0032	58	34	0	11	01	66	01	27	04		2	8	0	1
		0047	-03					07	06		008					
	04	0000	-01	28	25	597	20	56					3	0	03	
	04	0005	-01	19	25	671	20	62					3	0	03	
	04	0010	-00	80	28	151	22	63					3	0	03	
	04	0015Q	-00	44	28	985	23	26					3	0	03	
	04	0020Q	00	06	29	458	23	66					3	0	03	
	04	0030	01	17	32	708	26	21					3	0	03	
77	13	0033	58	35	0	11	05	66	01	27	06		2	8	0	1
		0098	-03					07	08		009					
	06	0000	-01	20	26	187	21	04					3	0	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	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 0033

06	0005	-01	13		27	800		22	35				3	0	03
06	0010	-00	95		28	609		22	95				3	0	03
06	0015	-00	76		29	113		23	34				3	0	03
06	0020	00	26		30	158		24	21				3	0	03
06	0030	03	02		33	221		26	48				3	0	03
06	0040	05	83		34	230		26	98				3	0	03
06	0050	06	28		34	451		27	10				3	0	03
06	0060	06	59		34	650		27	22				3	0	03
06	0070	06	71		34	709		27	25				3	0	03
06	0080	06	76		34	761		27	29				3	0	03
06	0090	06	79											0	03

77	13	0034	58	35	0	11	09	66	01	27	07		2	8	0	1
		0050	-03					07	08		011					

07	0000	-01	24		24	955		20	06				3	0	03
07	0005	-01	35		26	054		20	93				3	0	03
07	0010	-01	22		27	484		22	09				3	0	03
07	0015	-01	08		27	816		22	37				3	0	03
07	0020	-00	63		28	777		23	09				3	0	03
07	0030	03	56		33	498		26	65				3	0	03
07	0040	05	87											0	03

77	13	0035	58	35	0	11	05	66	03	16	21		2	7	1	0
		0125	04					27	16		021					

21	0000	01	58		31	577		25	28				3	0	03
21	0010	01	51		31	867		25	51				3	0	03
21	0020	01	58		32	223		25	79				3	0	03
21	0030	02	13		32	968		26	35				3	0	03
21	0040	02	36		33	293		26	59				3	0	03
21	0050	02	65		33	705		26	90				3	0	03
21	0060	02	83		33	978		27	10				3	0	03
21	0070	03	57		34	230		27	24				3	0	03
21	0080	03	86		34	315		27	28				3	0	03
21	0090	03	97		34	359		27	30				3	0	03
21	0100	04	00		34	428		27	35				3	0	03

77	13	0036	57	54	0	11	32	66	03	29	13		1	6	2	0
		0036	03					29	12		004					

13	0000	02	18		23	306		18	65				3	4	03
13	0005	02	28		26	839		21	45				3	4	03
13	0010	02	33		28	395		22	70				3	4	03
13	0015	02	67		30	991		24	73				3	4	03
13	0020	02	78		32	649		26	05				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									
		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	13	0036												
	13	0030	03 36									4 03		
77 13	13	0037	57 53	0	11 25	66 03		29 13	13	1 6 3 0				
		0061	03			29 12			006					
	13	0000	02 10		24 305	19 44				3 4 03				
	13	0005	02 11		24 336	19 47				3 4 03				
	13	0010	02 73		31 908	25 46				3 4 03				
	13	0015	02 84		32 889	26 23				3 4 03				
	13	0020	02 72		32 946	26 29				3 4 03				
	13	0030	02 80		33 099	26 40				3 4 03				
	13	0040	02 81		33 162	26 45				3 4 03				
	13	0050	03 18		33 411	26 62				3 4 03				
77 13	13	0038	57 52	0	11 21	66 03		29 14	14	1 6 3 0				
		0064	03			29 12			004					
	14	0000	02 12		23 656	18 91				3 4 03				
	14	0005	02 33		28 315	22 64				3 4 03				
	14	0010	02 78		32 796	26 17				3 4 03				
	14	0015	02 76		32 870	26 22				3 4 03				
	14	0020	02 86		33 004	26 32				3 4 03				
	14	0030	02 83		33 078	26 38				3 4 03				
	14	0040	02 89		33 129	26 42				3 4 03				
	14	0050	02 92		33 170	26 45				3 4 03				
	14	0060	03 53		33 767	26 87				3 4 03				
77 13	13	0039	57 52	0	11 18	66 03		29 15	15	1 4 3 0				
		0100	03			29 12			004					
	15	0000	02 24		23 996	19 19				3 4 03				
	15	0005	02 81		32 021	25 55				3 0 03				
	15	0010	02 99		32 604	25 99				3 0 03				
	15	0015	02 86		32 634	26 03				3 4 03				
	15	0020	02 94		32 722	26 09				3 4 03				
	15	0030	02 98		32 928	26 25				3 4 03				
	15	0040	02 96		33 233	26 49				3 4 03				
	15	0050	03 17		33 385	26 60				3 4 03				
	15	0060	03 24		33 617	26 78				3 4 03				
	15	0070	03 44		34 009	27 07				3 4 03				
	15	0080	03 60		34 153	27 17				3 4 03				
	15	0090	03 82		34 230	27 21				3 4 03				
77 13	13	0040	57 51	0	11 15	66 03		29 15	15	1 2 3 0				
		0075	03			29 10			003					

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	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	0043														
	19	0070	03	22		34	104		27	17				3	4	03
	19	0080	03	25		34	100		27	16				3	4	03
77	13	0044	57	58	0	10	35		66	03	29	21		0	0	0 0
		0140	02						00	00		000				
	21	0000	03	35		32	892		26	19				3	0	03
	21	0005	03	45		32	994		26	26				3	0	03
	21	0010	03	33		33	105		26	36				3	0	03
	21	0015	03	50		33	467		26	64				3	0	03
	21	0020	03	48		33	535		26	69				3	0	03
	21	0030	03	86		34	600		27	50				3	0	03
	21	0040	03	85		34	690		27	58				3	0	03
	21	0050	03	94		34	747		27	61				3	0	03
	21	0060	03	91		34	752		27	62				3	0	03
	21	0070	04	10		34	787		27	63				3	0	03
	21	0080	04	01		34	800		27	65				3	0	03
	21	0090	04	07		34	836		27	67				3	0	03
	21	0100	04	08		34	853		27	68				3	0	03
	21	0125	04	11		34	859		27	69				3	0	03
77	13	0045	58	01	0	10	49		66	03	29	23		1	1	2 0
		0210	02						32	08		000				
	23	0000	03	52		33	078		26	32				3	0	03
	23	0005	03	42		33	079		26	33				3	0	03
	23	0010	03	48		33	282		26	49				3	0	03
	23	0015	03	53		33	585		26	73				3	0	03
	23	0020	03	85		34	571		27	48				3	0	03
	23	0030	04	18		34	829		27	65				3	0	03
	23	0040	04	09		34	853		27	68				3	0	03
	23	0050	04	10		34	857		27	69				3	0	03
	23	0060	04	14		34	866		27	69				3	0	03
	23	0070	04	17		34	872		27	69				3	0	03
	23	0080	04	18		34	872		27	69				3	0	03
	23	0090	04	12		34	873		27	69				3	0	03
	23	0100	04	28		34	873		27	67				3	0	03
	23	0125	04	17		34	881		27	69				3	0	03
	23	0150	04	15		34	881		27	69				3	0	03
	23	0175	04	18		34	889		27	70				3	0	03
	23	0200	04	16		34	883		27	69				3	0	03
77	13	0046	58	02	0	10	57		66	03	30	00		1	1	2 0
		0165	02						32	08		017				
	01	0000	03	48		33	463		26	63				3	0	03

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of seas	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 0046

01	0005	03 49		33 461						3 0 03
01	0010	03 50		33 462						3 0 03
01	0015	03 43		33 482						3 0 03
01	0020	03 64		33 689						3 0 03
01	0030	03 83		34 574						3 0 03
01	0040	03 89		34 628						3 0 03
01	0050	03 95		34 646						3 0 03
01	0060	03 91		34 658						3 0 03
00	0070	03 85		34 655						3 0 03
00	0080	03 87		34 677						3 0 03
00	0090	03 71		34 675						3 0 03
00	0100	03 78		34 685						3 0 03
00	0125	03 85		34 715						3 0 03
00	0150	03 95		34 759						3 0 03

77 13 0047 58 03 0 11 04 66 03 30 02 7 8 3 0
0130 01 34 14 003

02	0000	02 82		31 357						3 0 03
02	0005	03 53		33 444						3 0 03
02	0010	03 44		33 479						3 0 03
02	0015	03 58		33 494						3 0 03
02	0020	03 31		33 548						3 0 03
02	0030	03 85		33 919						3 0 03
02	0040	03 94		34 289						3 0 03
02	0050	03 88		34 441						3 0 03
02	0060	03 64		34 443						3 0 03
02	0070	04 05		34 514						3 0 03
02	0080	04 08		34 546						3 0 03
02	0090	04 11		34 568						3 0 03
02	0100	04 14		34 587						3 0 03
02	0125	04 18		34 671						3 0 03

77 13 0048 58 04 0 11 09 66 03 30 03 2 8 3 0
0095 01 32 14 000

03	0000	02 21		24 877						3 0 03
03	0005	02 61		32 563						3 0 03
03	0010	02 87		33 107						3 0 03
03	0015	03 28		33 420						3 0 03
03	0020	03 39		33 486						3 0 03
03	0030	03 48		33 701						3 0 03
03	0040	03 56		33 894						3 0 03
03	0050	03 48		33 991						3 0 03
03	0060	03 40		34 059						3 0 03
03	0070	03 48		34 184						3 0 03
03	0080	03 78		34 289						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 13	0048												
	03 0090	03 83		34 289		27 26					3 0	03	
77 13	0049	58 05	0	11 13		66 03		30 03			2 8	3 0	
	0066	01				32 14		000					
	03 0000	02 07		24 797		19 85					3 0	03	
	03 0005	02 78		32 451		25 89					3 0	03	
	03 0010	02 97		32 830		26 18					3 0	03	
	03 0015	02 96		33 085		26 38					3 0	03	
	03 0020	03 20		33 410		26 62					3 0	03	
	03 0030	03 37		33 650		26 79					3 0	03	
	03 0040	03 61		33 807		26 90					3 0	03	
	03 0050	03 48		34 014		27 07					3 0	03	
	03 0060	03 52		34 027		27 08					3 0	03	
77 13	0050	58 05	0	11 17		66 03		30 04			2 8	3 0	
	0048	01				32 14		004					
	04 0000	02 05		24 407		19 53					3 0	03	
	04 0005	02 39		28 085		22 45					3 0	03	
	04 0010	02 89		28 534		22 77					3 0	03	
	04 0015	02 81		33 020		26 34					3 0	03	
	04 0020	02 89		33 165		26 45					3 0	03	
	04 0030	02 91		33 268		26 53					3 0	03	
	04 0040	03 05		33 380		26 61					3 0	03	
77 13	0051	58 20	0	11 10		66 03		30 10			0 0	1 0	
	0055	04				34 04		000					
	10 0000	02 20		24 619		19 70					3 4	03	
	10 0005	02 68		30 589		24 42					3 4	03	
	10 0010	02 92		32 556		25 97					3 4	03	
	10 0015	02 96		33 117		26 41					3 4	03	
	10 0020	02 86		33 212		26 49					3 4	03	
	10 0030	03 17		33 354		26 57					3 4	03	
	10 0040	03 48		33 680		26 81					3 4	03	
	10 0050	03 61		33 846		26 93					3 4	03	
77 13	0052	58 20	0	11 06		66 03		30 10			0 0	1 0	
	0057	04				34 04		000					
	10 0000	02 35		24 081		19 25					3 4	03	
	10 0005	02 91		32 830		26 18					3 4	03	
	10 0010	02 83		33 191		26 47					3 4	03	
	10 0015	02 96		33 199		26 47					3 4	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	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 0052

10	0020	02	82	33	199	26	48					3	4	03		
10	0030	02	86	33	211	26	49					3	4	03		
10	0040	03	60	33	809	26	90					3	4	03		
10	0050	03	64	33	903	26	97					3	4	03		

77	13	0053	58	20	0	11	02	66	03	30	11	0	0	1	0	
		0079	04					34	06		000					

11	0000	02	52	23	623	18	88					3	4	03		
11	0005	02	79	33	030	26	35					3	4	03		
11	0010	02	89	33	229	26	50					3	4	03		
11	0015	02	90	33	248	26	51					3	4	03		
11	0020	02	88	33	264	26	52					3	4	03		
11	0030	03	58	34	037	27	08					3	4	03		
11	0040	03	46	34	051	27	10					3	4	03		
11	0050	03	50	34	063	27	11					3	4	03		
11	0060	03	50	34	075	27	12					3	4	03		
11	0070	03	55	34	116	27	15					3	4	03		

77	13	0054	58	19	0	10	57	66	03	30	12	0	0	1	0	
		0112	04					27	04		003					

12	0000	02	73	24	745	19	87					3	4	03		
12	0005	02	69	32	662	26	07					3	4	03		
12	0010	02	78	33	201	26	49					3	4	03		
12	0015	03	37	33	453	26	63					3	4	03		
12	0020	03	52	33	699	26	82					3	4	03		
12	0030	03	28	34	119	27	17					3	4	03		
12	0040	03	28	34	167	27	22					3	4	03		
12	0050	04	15	34	390	27	30					3	4	03		
12	0060	04	21	34	544	27	42					3	4	03		
12	0070	04	16	34	607	27	48					3	4	03		
12	0080	04	16	34	629	27	49					3	4	03		
12	0090	04	15	34	644	27	50					3	4	03		
12	0100	04	16	34	677	27	53					3	4	03		

77	13	0055	58	18	0	10	51	66	03	30	13	0	0	1	0	
		0145	03	5				27	06		000					

13	0000	02	92	25	630	20	45					3	4	03		
13	0005	03	27	33	397	26	60					3	4	03		
13	0010	03	41	33	718	26	84					3	4	03		
13	0015	03	52	33	751	26	86					3	4	03		
13	0020	03	40	33	796	26	91					3	4	03		
13	0030	03	82	34	411	27	35					3	4	03		
13	0040	04	13	34	617	27	49					3	4	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: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	13	0055															
	13	0050	04	13	34	646	27	51					3	4	03		
	13	0060	04	12	34	725	27	58					3	4	03		
	13	0070	04	24	34	734	27	57					3	4	03		
	13	0080	03	88	34	739	27	61					3	4	03		
	13	0090	04	46	34	888	27	67					3	4	03		
	13	0100	04	59	34	915	27	68					3	4	03		
	13	0125	04	48	34	922	27	69					3	4	03		
77	13	0056	58	16	0	10 44	66	03	30	14	0 0 2 0						
		0204	04				27	06		000							
	15	0000	03	69	31	618	25	15					3	4	03		
	15	0005	03	44	33	650	26	79					3	4	03		
	15	0010	03	45	33	788	26	90					3	4	03		
	15	0015	03	52	33	855	26	95					3	4	03		
	15	0020	03	64	34	315	27	30					3	4	03		
	15	0030	04	02	34	675	27	55					3	4	03		
	15	0040	03	94	34	727	27	60					3	4	03		
	15	0050	03	98	34	738	27	60					3	4	03		
	15	0060	03	94	34	764	27	62					3	4	03		
	15	0070	03	97	34	777	27	64					3	4	03		
	14	0080	03	99	34	793	27	64					3	4	03		
	14	0090	04	00	34	826	27	67					3	4	03		
	14	0100	04	20	34	831	27	65					3	4	03		
	14	0125	04	20	34	864	27	68					3	4	03		
	14	0150	04	34	34	894	27	68					3	4	03		
	14	0175	04	35	34	895	27	69					3	4	03		
	14	0190	04	35	34	898	27	69					3	4	03		
77	13	0057	58	15	0	10 34	66	03	30	16	0 0 2 0						
		0270	03	5			27	06		004							
	17	0000	03	12	29	339	23	39					3	4	03		
	17	0005	03	30	32	356	25	77					3	4	03		
	17	0010	03	43	33	674	26	80					3	4	03		
	17	0015	03	44	33	873	26	96					3	4	03		
	17	0020	03	41	33	977	27	05					3	4	03		
	17	0030	05	24	34	804	27	50					3	4	03		
	17	0040	05	36	35	018	27	67					3	4	03		
	17	0050	04	87	34	980	27	70					3	4	03		
	17	0060	04	31	34	914	27	70					3	4	03		
	17	0070	04	31	34	908	27	70					3	4	03		
	16	0080	04	22	34	898	27	70					3	4	03		
	16	0090	04	18	34	894	27	70					3	4	03		
	16	0100	04	15	34	893	27	70					3	4	03		
	16	0125	04	49	34	922	27	69					3	4	03		
	16	0150	04	57	34	959	27	72					3	4	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	13	0057														
	16	0175	05	37		35	078	27	72					3	4	03
	16	0200	05	48		35	098	27	72					3	4	03
	16	0250	05	13		35	041	27	71					3	4	03
77	13	0058	58	16	0	10	11	66	03	30	19			0	0	2 0
		0430	03					25	06		000					
	19	0000	03	30		32	680	26	03					3	4	03
	19	0005	03	44		32	689	26	02					3	4	03
	19	0010	02	98		32	757	26	12					3	4	03
	19	0015	03	11		32	872	26	19					3	4	03
	19	0020	03	55		33	982	27	04					3	4	03
	19	0030	04	23		34	486	27	37					3	4	03
	19	0040	03	77		34	483	27	42					3	4	03
	19	0050	03	82		34	549	27	47					3	4	03
	19	0060	04	77		34	713	27	49					3	4	03
	19	0070	05	01		34	804	27	53					3	4	03
	19	0080	05	19		34	849	27	56					3	4	03
	19	0090	05	85		34	983	27	58					3	4	03
	19	0100	05	86		34	988	27	59					3	4	03
	19	0125	05	81		35	006	27	61					3	4	03
	19	0150	05	79		35	038	27	63					3	4	03
	19	0175	05	88		35	079	27	65					3	4	03
	19	0200	06	02		35	137	27	68					3	4	03
	19	0250	05	68		35	120	27	71					3	4	03
	19	0300	05	50		35	110	27	72					3	4	03
	19	0400	05	52		35	120	27	73					3	4	03
77	13	0059	58	10	0	09	30	66	03	30	23			0	0	3 0
		0625	02					27	14		017					
	23	0000	02	56		32	973	26	32	08	12			3	4	03
	23	0005	02	55		32	975	26	32					3	4	03
	23	0010	02	56		32	980	26	33	08	17			3	4	03
	23	0015	02	61		33	024	26	35					3	4	03
	23	0020	02	44		33	217	26	53					3	4	03
	23	0030	03	34		34	149	27	20	07	11			3	4	03
	23	0040	04	17		34	441	27	34					3	4	03
	23	0050	04	54		34	525	27	37	06	71			3	4	03
	23	0060	04	63		34	579	27	40					3	4	03
	23	0070	04	58		34	598	27	43	06	66			3	4	03
	23	0080	04	96		34	684	27	45					3	4	03
	23	0090	05	85		34	865	27	49	06	22			3	4	03
	23	0115	06	29		34	965	27	51					3	4	03
	23	0140	05	86		34	945	27	55	06	23			3	4	03
	23	0190	05	89		35	011	27	60	06	07			3	4	03
	23	0290	06	21		35	136	27	66	05	83			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 13	0059															
	23 0390	05	77		35	104	27	68	05	82		3	4	03		
	23 0490	05	44		35	114	27	73	06	70		3	4	03		
	23 0590	03	75		34	900	27	75	07	19		3	4	03		
77 13	0060	58	22	0	11	23	66	04	01	08		7	8	1	0	
	0022	01					16	16		022						
	08 0000	02	34		25	981	20	77	08	38		3	4	03		
	08 0005	02	27		26	375	21	09				3	4	03		
	08 0010	02	35		27	067	21	63	08	43		3	4	03		
	08 0015	02	33		28	523	22	80				3	4	03		
	08 0020	02	59		32	166	25	68	06	89		3	4	03		
77 13	0061	58	22	0	11	26	66	04	01	09		7	8	1	0	
	0024	01					14	16		024						
	09 0000	02	41		25	868	20	67	08	28		3	4	03		
	09 0005	02	24		25	877	20	69				3	4	03		
	09 0010	02	28		26	023	20	81	08	29		3	4	03		
	09 0015	02	38		28	645	22	89				3	4	03		
	09 0020	02	69		32	587	26	01	07	02		3	4	03		
77 13	0062	58	19	0	11	22	66	04	01	10		7	8	2	0	
	0034	01					14	22		000						
	10 0000	02	21		26	329	21	05	08	25		3	4	03		
	10 0005	02	36		26	391	21	09				3	4	03		
	10 0010	02	25		26	542	21	22	08	25		3	4	03		
	10 0015	02	49		30	418	24	29				3	4	03		
	10 0020	02	75		32	689	26	08	08	35		3	4	03		
	10 0030	02	81		32	956	26	29	04	64		3	4	03		
77 13	0063	58	16	0	11	26	66	04	01	11		7	8	2	0	
	0070	01					14	22		015						
	11 0000	02	26		25	497	20	39				3	4	03		
	11 0005	02	35		25	557	20	44				3	4	03		
	11 0010	02	18		27	733	22	18				3	4	03		
	11 0015	02	41		30	759	24	57				3	4	03		
	11 0020	02	55		32	418	25	88				3	4	03		
	11 0030	02	99		33	159	26	43				3	4	03		
	11 0040	03	46		33	381	26	57				3	4	03		
	11 0050	04	90		33	928	26	86				3	4	03		
77 13	0064	58	19	0	11	33	66	04	01	11		6	8	3	0	
	0119	01					18	30		021						

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 0064

12	0000	02	27	25	631	20	49	08	39	3	4	03			
12	0005	02	14	25	593	20	46			3	4	03			
12	0010	02	15	27	064	21	64	08	06	3	4	03			
12	0015	02	09	29	880	23	89			3	4	03			
12	0025	02	82	32	831	26	19	06	70	3	4	03			
12	0035	03	36	33	169	26	41			3	4	03			
12	0045	04	58	33	689	26	70	05	58	3	4	03			
11	0060	05	75	34	444	27	16	05	54	3	4	03			
11	0070	05	85	34	468	27	17	05	36	3	4	03			
11	0080	05	68	34	480	27	20	05	74	3	4	03			
11	0090	05	71	34	488	27	21	05	76	3	4	03			
11	0100	05	67	34	486	27	21	05	55	3	4	03			
11	0110	05	66	34	489	27	21	05	37	3	4	03			

77	13	0065	58	35	0	11	09	66	04	04	10	2	8	2	0
		0050	02	5				36	08		050				

10	0000	02	54	26	699	21	32			3	0	03			
10	0005	02	41	26	883	21	48			3	0	03			
10	0010	02	57	27	376	21	87			3	0	03			
10	0015	02	45	28	141	22	49			3	0	03			
10	0020	02	71	31	078	24	81			3	0	03			
10	0030	02	93	32	447	25	88			3	0	03			
10	0040	03	00	33	090	26	38			3	0	03			

77	13	0066	58	35	0	11	05	66	04	04	11	2	8	2	0
		0125	02	5				36	08		000				

11	0000	02	57	26	723	21	34			3	0	03			
11	0005	02	55	26	759	21	37			3	0	03			
11	0010	02	45	27	889	22	29			3	0	03			
11	0015	02	64	30	642	24	46			3	0	03			
11	0020	02	65	30	502	24	35			3	0	03			
11	0030	02	87	32	057	25	57			3	0	03			
11	0040	03	01	32	823	26	16			3	0	03			
11	0050	03	09	33	252	26	50			3	0	03			
11	0060	03	42	33	664	26	79			3	0	03			
11	0070	03	69	34	016	27	05			3	0	03			
11	0080	03	79	34	071	27	09			3	0	03			
11	0090	04	21	34	280	27	21			3	0	03			

77	13	0067	58	34	0	11	01	66	04	04	11	2	8	2	0
		0053	02	5				34	08		053				

11	0000	02	53	26	129	20	87			3	0	03			
11	0005	02	44	26	185	20	93			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	13	0067														
	11	0010	02	61		27	447		21	92				3	0	03
	11	0015	02	59		29	547		23	60				3	0	03
	11	0020	02	84		31	806		25	38				3	0	03
	11	0030	02	96		32	621		26	01				3	0	03
	11	0040	03	06		32	957		26	27				3	0	03
77	13	0068	58	34	0	10	57		66	04	04	12		2	8	2 0
		0065	03	5					34	08		000				
	12	0000	02	52		24	840		19	86				3	0	03
	12	0005	02	48		26	242		20	97				3	0	03
	12	0010	02	47		28	171		22	51				3	0	03
	12	0015	02	80		30	717		24	51				3	0	03
	12	0020	02	84		31	952		25	49				3	0	03
	12	0030	02	87		32	473		25	90				3	0	03
	12	0040	02	98		32	921		26	24				3	0	03
	12	0050	03	37		33	822		26	93				3	0	03
77	13	0069	58	33	0	10	54		66	04	04	13		2	8	3 0
		0088	04						34	10		008				
	13	0000	02	53		24	684		19	73				3	0	03
	13	0005	02	40		26	148		20	91				3	0	03
	13	0010	02	69		30	528		24	37				3	0	03
	13	0015	02	84		32	031		25	55				3	0	03
	13	0020	02	87		32	291		25	76				3	0	03
	13	0030	02	87		32	764		26	12				3	0	03
	13	0040	03	02		33	144		26	41				3	0	03
	13	0050	03	37		33	907		27	00				3	0	03
	13	0060	03	50		34	059		27	11				3	0	03
	13	0070	03	73		34	324		27	29				3	0	03
	13	0080	03	76		34	475		27	42				3	0	03
77	13	0070	58	33	0	10	48		66	04	04	13		2	8	3 0
		0099	04						34	08		007				
	13	0000	02	68		24	423		19	51				3	0	03
	13	0005	02	74		29	098		23	22				3	0	03
	13	0010	02	84		32	274		25	74				3	0	03
	13	0015	02	90		32	637		26	03				3	0	03
	13	0020	02	85		32	758		26	13				3	0	03
	13	0030	03	14		33	288		26	53				3	0	03
	13	0040	03	28		33	608		26	69				3	0	03
	13	0050	03	87		34	127		27	13				3	0	03
	13	0060	03	83		34	235		27	22				3	0	03
	13	0070	03	86		34	286		27	26				3	0	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	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														
		13 0080	03	75		34	369		27	33				3	0	03
		13 0090	03	70		34	390		27	35				3	0	03
77	13	0071	58	32	0	10	41		66	04	04	14		1	5	2 0
		0135	04						27	02		000				
		14 0000	03	37		26	503		21	11				3	0	03
		14 0005	03	58		33	975		27	03				3	0	03
		14 0010	03	64		34	198		27	20				3	0	03
		14 0015	03	65		34	269		27	26				3	0	03
		14 0020	03	77		34	345		27	32				3	0	03
		14 0030	03	75		34	392		27	35				3	0	03
		14 0040	03	55		34	381		27	36				3	0	03
		14 0050	03	56		34	389		27	36				3	0	03
		14 0060	03	51		34	409		27	38				3	0	03
		14 0070	03	85		34	501		27	42				3	0	03
		14 0080	03	59		34	538		27	48				3	0	03
		14 0090	03	62		34	554		27	49				3	0	03
		14 0100	03	69		34	590		27	51				3	0	03
		14 0125	03	71		34	660		27	56				3	0	03
77	13	0072	58	31	0	10	33		66	04	04	15		1	1	1 0
		0195	04						25	02		000				
		16 0000	03	67		31	747		25	25				3	0	03
		16 0005	03	60		33	267		26	47				3	0	03
		16 0010	03	56		33	638		26	77				3	0	03
		16 0015	03	67		33	905		26	97				3	0	03
		16 0020	03	63		34	076		27	11				3	0	03
		16 0030	03	82		34	187		27	18				3	0	03
		16 0040	03	64		34	721		27	61				3	0	03
		16 0050	04	35		34	853		27	65				3	0	03
		16 0060	04	40		34	885		27	68				3	0	03
		16 0070	04	33		34	893		27	68				3	0	03
		15 0080	04	32		34	908		27	70				3	0	03
		15 0090	04	52		34	912		27	68				3	0	03
		15 0100	04	39		34	917		27	70				3	0	03
		15 0125	04	44		34	961		27	73				3	0	03
		15 0150	04	91		35	005		27	71				3	0	03
		15 0175	05	18		35	044		27	71				3	0	03
77	13	0073	58	29	0	10	18		66	04	04	17		0	0	2 0
		0406	04						25	02		009				
		18 0000	03	02		32	836		26	18				3	0	03
		18 0005	02	83		32	845		26	20				3	0	03

Country	Ship	Station number	Latitude			Longitude			Year	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 0073

18	0010	02 70			33 037	26 37						3 0 03
18	0015	02 88			33 270	26 53						3 0 03
18	0020	04 07			34 200	27 16						3 0 03
18	0030	05 24			34 689	27 42						3 0 03
18	0040	05 86			34 859	27 49						3 0 03
18	0050	05 89			34 903	27 51						3 0 03
18	0060	05 66			34 898	27 54						3 0 03
18	0070	05 70			34 924	27 55						3 0 03
17	0080	05 61			34 920	27 56						3 0 03
17	0090	05 88			34 979	27 58						3 0 03
17	0100	05 71			34 969	27 59						3 0 03
17	0125	05 80			35 022	27 61						3 0 03
17	0150	05 26			34 946	27 63						3 0 03
17	0175	05 73			35 049	27 65						3 0 03
17	0200	05 96			35 103	27 65						3 0 03
17	0300	05 58			35 132	27 72						3 0 03
17	0400	04 56			35 013	27 75						3 0 03

77	13	0074	58 26	0	10 00	66 04	04	19				1 4 1 0
		0540	02 5			25 02		008				

20	0000	03 02			32 992	26 29						3 0 03
20	0005	03 15			33 037	26 33						3 0 03
20	0010	02 81			33 140	26 43						3 0 03
20	0015	02 80			33 191	26 48						3 0 03
20	0020	03 20			33 655	26 82						3 0 03
20	0030	04 06			34 442	27 35						3 0 03
20	0040	04 50			34 541	27 38						3 0 03
20	0050	04 97			34 713	27 47						3 0 03
20	0060	05 55			34 833	27 49						3 0 03
20	0070	06 22			35 000	27 54						3 0 03
20	0080	06 19			35 002	27 55						3 0 03
19	0090	05 87			34 974	27 57						3 0 03
19	0100	05 78			34 959	27 57						3 0 03
19	0125	05 85			35 009	27 60						3 0 03
19	0150	05 64			35 004	27 61						3 0 03
19	0175	06 30			35 107	27 62						3 0 03
19	0200	05 69			35 043	27 64						3 0 03
19	0300	05 86			35 138	27 70						3 0 03
19	0400	05 18			35 081	27 74						3 0 03
19	0500	04 21			34 967	27 76						3 0 03

77	13	0075	58 14	0	11 35	66 04	05	09				1 5 1 0
		0043	04 5			27 02		000				

09	0000	02 25			16 711	13 40	09	80				3 3 03
09	0005	01 85			21 980	17 59	07	65				3 3 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	0	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	0075															
09	0010	02	63	26	438	21	11	04	95			3	3	03		
09	0015	04	56	28	002	22	21	01	59			3	3	03		
09	0020	05	03	28	423	22	50	00	48			3	3	03		
09	0025	05	15	28	566	22	60	00	32			3	3	03		
09	0030	05	28	28	625	22	63	00	34			3	3	03		
09	0035	05	30	28	651	22	64	00	33			3	3	03		
09	0040	05	36	28	678	22	66	00	41			3	3	03		
77 13	0076	58	15	0	11 38	66	04	05	10			1	6	1 0		
	0061	04	5			27	04		002							
10	0000	02	24	16	396	13	15	09	91			3	3	03		
10	0005	01	39	22	241	17	82					3	3	03		
10	0010	02	68	26	860	21	44	04	85			3	3	03		
10	0015	04	89	28	121	22	27					3	3	03		
10	0020	05	02	28	412	22	49	00	89			3	3	03		
10	0030	05	32	28	629	22	63	00	78			3	3	03		
10	0040	05	33	28	670	22	66	00	96			3	3	03		
10	0050	05	29	28	688	22	68	01	18			3	3	03		
77 13	0077	58	17	0	11 41	66	04	05	11			2	7	1 0		
	0058	04	5			27	06		000							
11	0000	02	45	15	602	12	50	09	92			3	3	03		
11	0005	01	55	21	892	17	53					3	3	03		
11	0010	02	02	26	036	20	83	05	74			3	3	03		
11	0015	03	57	27	734	22	08					3	3	03		
11	0020	04	95	28	335	22	45	01	66			3	3	03		
11	0030	05	11	28	602	22	63	01	47			3	3	03		
11	0040	05	08	28	638	22	66	01	95			3	3	03		
11	0050	04	77	28	662	22	71	02	56			3	3	03		
77 13	0078	58	19	0	11 46	66	04	05	12			2	8	1 0		
	0043	04	5			27	04		011							
12	0000	03	42	13	241	10	60	09	85			3	3	03		
12	0005	01	83	21	540	17	24					3	3	03		
12	0010	01	67	24	851	19	91	06	58			3	3	03		
12	0015	04	52	29	977	23	77					3	3	03		
12	0020	04	75	31	660	25	08	04	40			3	3	03		
12	0030	04	68	32	577	25	81	04	95			3	3	03		
12	0040	04	66	32	760	25	96	04	18			3	3	03		
77 13	0079	58	20	0	11 53	66	04	05	13			2	8	1 0		
	0049	04	5			18	02		008							

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	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 0079

13	0000	02	57	06	210	05	01	09	29			3	3	03
13	0005	01	46	21	607	17	31	07	46			3	3	03
13	0010	02	56	26	441	21	11	04	63			3	3	03
13	0015	06	61	29	656	23	29	00	62			3	3	03
13	0020	06	57	30	162	23	69	00	00			3	3	03
13	0030	06	05	30	863	24	30	00	00			3	3	03
13	0040	06	01	30	915	24	35	00	00			3	3	03
13	0045	06	01	30	932	24	36	00	00			3	3	03

77	13	0080	57	32	0	11	33	66	04	14	19	2	8	1	0
		0076	-02					05	22		012				

19	0000	02	35	17	563	14	07					3	0	03
19	0010	03	07	28	302	22	56					3	0	03
19	0020	03	15	32	837	26	17					3	0	03
19	0030	03	45	33	806	26	91					3	0	03
19	0040	04	08	34	773	27	61					3	0	03
19	0050			34	864							3	0	03
19	0060	04	31	34	871	27	67					3	0	03
19	0070	04	34	34	878	27	67					3	0	03
19	0074	04	16	34	879	27	69	07	06			3	0	03

77	13	0081	56	20	0	12	37	66	04	15	07	2	7	0	0
		0021	-04					05	18		000				

07	0000	02	20	19	295	15	46					3	0	03
07	0010	03	77	26	814	21	33					3	0	03
07	0019	04	11	30	702	24	39					3	0	03

77	13	0082	55	12	0	13	17	66	04	18	08	2	8	1	0
		0039	-00	5				07	18		039				

08	0000	01	15	07	49	06	01					1	0	03
08	0010	01	02	07	46	05	99					1	0	03
08	0020	01	17	07	68	06	17					1	0	03
08	0030	01	22	07	79	06	26					1	0	03
08	0038	01	32	07	80	06	27	09	30			1	0	03

77	13	0083	54	54	0	13	18	66	04	18	12	2	8	1	0
		0047	00					07	18		047				

12	0000	01	44	07	82	06	29					1	0	03
12	0010	01	52	07	82	06	29					1	0	03
12	0020	01	44	07	82	06	29					1	0	03
12	0030	01	49	07	85	06	32					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 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	0083															
	12 0040	01 83		07 99		06 42						1 0 03				
	12 0045	01 86		08 40		06 76						1 0 03				
77 13	0084	55 13	0	13 37		66 04		20	09			4 0 0 0				
	0044	03 5				00 00					044					
	09 0000	00 98		07 36		05 91						1 0 03				
	09 0010	01 38		07 77		06 24						1 0 03				
	09 0020	01 30		07 84		06 31						1 0 03				
	09 0030	01 30		07 87		06 32						1 0 03				
	09 0040	01 37		08 24		06 62						1 0 03				
	09 0042	01 44		16 13		12 95	06 67					1 0 03				
77 13	0085	55 44	0	16 27		66 04		21	09			2 8 0 0				
	0066	03				36 06										
	09 0000	01 14		07 25		05 83						1 0 03				
	09 0010	01 05		07 23		05 81	09 51					1 0 03				
	09 0020	01 01		07 23		05 81						1 0 03				
	09 0030	01 15		07 23		05 82	09 47					1 0 03				
	09 0040	00 96		07 30		05 87						1 0 03				
	09 0050	03 99		12 97		10 36	06 12					1 0 03				
	09 0060	05 91		14 31		11 31	03 98Q					1 0 03				
	09 0062	07 78		15 25		11 89	01 64					1 0 03				
77 13	0086	55 26	0	16 10		66 04		21	12			2 8 0 0				
	0082	03 5				00 00					048					
	12 0000	01 43		07 41		05 96						1 0 03				
	12 0010	01 17		07 40		05 95	09 46					1 0 03				
	12 0020	01 22		07 45		05 99						1 0 03				
	12 0030	01 08		07 44		05 98	09 34					1 0 03				
	12 0040	01 18		07 46		06 00						1 0 03				
	12 0050	02 50		09 60		07 71	07 80					1 0 03				
	12 0060	01 40		11 90		09 56	08 33					1 0 03				
	12 0070	03 27		13 06		10 46	07 15					1 0 03				
	12 0080	04 90		13 73		10 92	03 80					1 0 03				
77 13	0087	55 15	0	15 58		66 04		21	15			2 8 0 0				
	0090	03				00 00					053					
	15 0000	01 27		07 45		06 00						1 0 03				
	15 0010	01 32		07 53		06 05	09 51					1 0 03				
	15 0020	01 18		07 53		06 05						1 0 03				
	15 0030	01 20		07 53		06 05	09 38					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					
			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 0087

15	0040	01	10	07	58	06	09					1	0	03
15	0050	01	43	10	15	08	15	08	56			1	0	03
15	0060	04	21	12	70	10	14	05	06			1	0	03
15	0070	01	37	12	93	10	39	08	30			1	0	03
15	0080	03	24	13	81	11	06	06	47			1	0	03
15	0085	07	98	15	96	12	42	01	10			1	0	03

77	13	0088	54	52	0	15	26	66	04	22	10	1	4	9	0
		0076	02					34	16		046				

10	0000	01	26	07	63	06	13					1	0	03
10	0010	01	27	07	60	06	11	09	49			1	0	03
10	0020	01	26	07	60	06	11					1	0	03
10	0030	01	16	07	60	06	11	09	42			1	0	03
10	0040	01	28	07	60	06	11					1	0	03
10	0050	01	49	09	16	07	36	09	10			1	0	03
10	0060	01	33	10	75	08	64	08	80			1	0	03
10	0070	02	74	11	95	09	59	07	21			1	0	03
10	0075	04	09	13	07	10	44	05	65			1	0	03

77	13	0089	55	27	0	14	48	66	04	26	12	4	8	0	0
		0072	06					00	00		018				

12	0000	01	64	07	15	05	75					1	0	03
12	0010	01	35	07	13	05	74	09	58			1	0	03
12	0020	00	89	07	22	05	81					1	0	03
12	0030	00	88	07	30	05	86	09	40			1	0	03
12	0040	00	81	07	46	05	99					1	0	03
12	0050	01	37	07	68	06	17	09	32			1	0	03
12	0060	01	42	11	98	09	62	07	86			1	0	03
12	0065	01	47	13	71	11	01	07	65			1	0	03

77	13	0090	55	29	0	15	11	66	04	26	15	4	9	0	0
		0090	04					00	00		060				

15	0000	01	48	07	20	05	80					1	0	03
15	0010	01	27	07	20	05	80	09	68			1	0	03
15	0020	00	95	07	24	05	81					1	0	03
15	0030	00	95	07	28	05	85	09	26			1	0	03
15	0040	00	85	07	38	05	92					1	0	03
15	0050	01	09	07	47	06	00	09	25			1	0	03
15	0060	01	78	12	72	10	22					1	0	03
15	0070	08	30	15	61	12	11					1	0	03
15	0080	08	32	15	75	12	22	00	94Q			1	0	03
15	0085	08	30	15	73	12	21	00	75			1	0	03

77	13	0091	55	31	0	14	55	66	04	26	18	4	8	0	0
		0072	00					20	06		058				

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	0091														
	18	0000	01	52	07	18	05	78				1	0	03		
	18	0010	01	28	07	23	05	82	09	58		1	0	03		
	18	0020	01	21	07	32	05	89				1	0	03		
	18	0030	01	19	07	49	06	02	09	34		1	0	03		
	18	0040	01	40	07	80	06	28				1	0	03		
	18	0050	01	34	07	95	06	39	09	12		1	0	03		
	18	0060	08	13	15	28	11	87	01	12		1	0	03		
	18	0070	08	17	15	39	11	96	01	08		1	0	03		
77	13	0092	55	17	0	14	24	66	04	27	11	4	9	9	0	
		0049	01	5				07	12		04.9					
	11	0000	01	49	07	21	05	81				1	0	03		
	11	0010	01	63	07	17	05	77	09	55		1	0	03		
	11	0020	01	38	07	31	05	89				1	0	03		
	11	0030	01	36	07	73	06	21	08	90		1	0	03		
	11	0040	01	43	07	81	06	28	08	97		1	0	03		
	11	0044	01	48	08	53	06	85	08	75		1	0	03		
77	13	0093	55	00	0	14	04	66	04	27	13	4	9	9	0	
		0050	03					07	12		050					
	13	0000	02	39	07	80	06	29				1	0	03		
	13	0010	02	39	07	82	06	30	09	30		1	0	03		
	13	0020	01	95	07	85	06	32				1	0	03		
	13	0030	01	68	07	88	06	33	08	99		1	0	03		
	13	0040	01	97	08	94	07	20	08	48		1	0	03		
	13	0045	01	57	12	88	10	35	07	57		1	0	03		
77	13	0094	55	10	0	13	21	66	04	28	08	4	9	9	0	
		0042	01	5				09	12		018					
	08	0000	01	98	07	60	06	12				1	0	03		
	08	0010			07	58			09	36		1	0	03		
	08	0020	01	65	07	60	06	11				1	0	03		
	08	0030	01	39	07	80	06	28	09	04		1	0	03		
	08	0037	01	45	07	85	06	31	08	86Q		1	0	03		
77	13	0095	57	32	0	11	33	66	09	01	06	6	8	0	0	
		0076	14					00	00		000					
	06	0000	15	90	18	90	13	48				1	0	03		
	06	0010	16	55	20	385	14	48	06	15		3	0	03		
	06	0020	16	02	27	078	19	70				3	0	03		
	06	0030	14	56	33	176	24	68				3	0	03		

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0	,									
			Temperature °C	0	Temperature °C	Wind		Mixed layer					
Depth to bottom m			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 0095

06	0040	08	76		34	571		26	84			3	0	03	
06	0050	06	77							05	62		0	03	
06	0060	06	80		35	039		27	49			3	0	03	
06	0070	06	67		35	074		27	53	05	43		3	0	03

77	13	0096	57	21	0	12	02	66	09		01	09	6	8	0	0
		0033	14					00	00			000				

09	0000	15	90		17	94		12	74			1	0	03
09	0005	16	1		19	45						4	0	03
09	0010	16	65		19	941		14	12			3	0	03
09	0015	16	55		20	4						4	0	03
09	0020	11	58		31	615		24	08			3	0	03
09	0025	10	9		32	97						4	0	03
09	0030	10	55		32	818		25	19			3	0	03
09	0032	10	2		32	97						4	0	03

77	13	0097	56	33	0	12	13	66	09		01	19	1	1	1	0
		0053	15					27	06			008				

19	0000	15	62		13	40		09	33			1	0	03	
19	0010	16	79		18	69		13	13	06	06		1	0	03
19	0020	15	14		29	663		21	86			3	0	03	
19	0030	10	72		32	411		24	84	03	99		3	0	03
19	0040	06	67		33	241		26	11			3	0	03	
19	0050	06	38		33	327		26	21	03	52		3	0	03

77	13	0098	56	22	0	12	33	66	09		02	05	4	9	0	0
		0021	15					16	06			005				

05	0000	15	53		13	98		09	80			1	0	03
05	0005	15	55		14	3						4	0	03
05	0010	16	47										0	03
05	0015	12	48		31	927		24	13			3	0	03
05	0020	08	91		32	621		25	30			3	0	03

77	13	0099	56	06	0	12	36	66	09		02	10	4	9	9	0
		0044	15					16	10			003				

10	0000	14	94		10	28		07	07			1	0	03	
10	0010	15	74		23	586		17	09			3	0	03	
10	0020	11	54		32	035		24	41			3	0	03	
10	0030	08	97		32	496		25	20	03	19		3	0	03
10	0040	07	96		32	643		25	46	02	70		3	0	03

77	13	0100	55	55	0	12	44	66	09		02	12	4	9	9	0
		0042	15					16	12			006				

Country	Ship	Station number	Latitude		Longitude	Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			01	02									
		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	0104											
	16	0045	10 61		12 85	09	71	04	11			1	0 03
77	13	0105	55 18	0	14 24	66	09	06	19			2	8 9 0
		0047	16			23	22		024				
	19	0000	14 62		07 47	04	97					1	0 03
	19	0010	14 63		07 46	04	96					1	0 03
	19	0020	14 53		07 47	04	99					1	0 03
	19	0030	07 21		07 51	05	88					1	0 03
	19	0040	05 43		08 02	06	38					1	0 03
	19	0045			09 93			05	96			1	0 03
77	13	0106	55 39	0	14 32	66	09	08	11			1	4 9 0
		0053	14			29	26		019				
	11	0000	14 33		07 38	04	95					1	0 03
	11	0010	14 32		07 39	04	96					1	0 03
	11	0020	13 83		07 38	05	03					1	0 03
	11	0030	03 69		07 58	06	10					1	0 03
	11	0040	04 73		10 00	07	98					1	0 03
	11	0052	07 62		13 61	10	63	03	85			1	0 03
77	13	0107	55 27	0	14 39	66	09	09	07			0	0 9 0
		0069	13			29	18		039				
	07	0000	14 18		07 35	04	95					1	0 03
	07	0010	14 21		07 35	04	94	06	70			1	0 03
	07	0020	14 17		07 35	04	95					1	0 03
	07	0030	13 91		07 37	05	01	06	76			1	0 03
	07	0040	05 03		09 04	07	21					1	0 03
	07	0050	08 25		12 93	10	03	04	36			1	0 03
	07	0060	07 27		14 77	11	56	01	94			1	0 03
	07	0066	07 18		15 13	11	85	01	01			1	0 03
77	13	0108	55 29	0	14 47	66	09	09	09			0	0 9 0
		0069	14			29	12		032				
	09	0000	13 82		07 40	05	05					1	0 03
	09	0010	13 88		07 39	05	03					1	0 03
	09	0020	13 80		07 39	05	04					1	0 03
	09	0030	10 20		07 36	05	57					1	0 03
	09	0040	02 91		07 83	06	31					1	0 03
	09	0050	06 73		11 67	09	71	05	21			1	0 03
	09	0060	07 33		14 74	11	53	02	19			1	0 03
	09	0066	07 20		15 20	11	91	01	10			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 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 0113

09	0000	13	83		07	36		05	01			1	0	03		
09	0010	13	82		07	36		05	01			1	0	03		
09	0020	13	65		07	35		05	03			1	0	03		
09	0030	09	54		07	36		05	56			1	0	03		
09	0040	02	98		07	56		06	09			1	0	03		
09	0050	02	48		08	32		06	69	06	41	1	0	03		
09	0060	04	30		12	83		10	24			1	0	03		
09	0070	06	35		14	65		11	54	02	70	1	0	03		
09	0080	07	56		15	71		12	26	00	43	1	0	03		
09	0085	07	84		15	95		12	42	00	41	1	0	03		

77	13	0114	55	29	0	16	16	66	09	12	12	4	9	9	0	
		0074	15					00	00		000					

12	0000	13	54		07	30		05	01			1	0	03		
12	0010	13	22		07	30		05	07			1	0	03		
12	0020	12	63		07	27		05	12			1	0	03		
12	0030	07	52		07	41		05	77			1	0	03		
12	0040	03	12		07	64		06	15	07	91	1	0	03		
12	0050	02	52		08	04		06	47			1	0	03		
12	0060	06	23		11	76		09	28	05	59	1	0	03		
12	0071				15	31				00	31	1	0	03		

77	13	0115	55	43	0	16	20	66	09	12	15	4	9	9	0	
		0067	14					20	04		029					

15	0000	13	46		07	30		05	02			1	0	03		
15	0010	12	95		07	29		05	10			1	0	03		
15	0020	12	90		07	28		05	10			1	0	03		
15	0030	04	18		07	46		05	99			1	0	03		
15	0040	02	99		07	65		06	15			1	0	03		
15	0050	02	66		08	07		06	49	07	18	1	0	03		
15	0060	03	51		12	51		10	01	04	88	1	0	03		
15	0064	04	38		13	66		10	90	03	09	1	0	03		

77	13	0117	58	05	0	11	17	66	10	03	13	1	6	2	0	
		0048	13					20	08		016					

13	0000	13	24		26	219		19	60			3	0	03		
13	0005	13	20		26	399		19	73			3	0	03		
13	0010	13	30		16	657		19	92			3	0	03		
13	0015	13	19		26	986		20	19			3	0	03		
13	0020	13	67		30	445		22	76			3	0	03		
13	0030	13	61		32	007		23	97			3	0	03		
13	0040	13	72		32	052		23	98			3	0	03		

77	13	0118	58	05	0	11	13	66	10	03	14	2	7	3	0	
		0051	13					23	10		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						
			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	0118															
14	0000	13 09	25 998	19 44							3 0 03					
14	0005	13 17	26 686	19 96							3 0 03					
14	0010	13 15	26 884	20 11							3 0 03					
14	0015	13 65	29 396	21 96							3 0 03					
14	0020	13 65	31 789	23 80							3 0 03					
14	0030	12 96	32 307	24 33							3 0 03					
14	0040	12 91	32 379	24 40							3 0 03					
14	0045	12 96	32 907	24 79							3 0 03					
77 13	0119	58 04	0	11 09	66 10	03	16	2 8 3 0								
	0102	13			23 10		048									
16	0000	13 12	25 357	19 00							3 0 03					
16	0005	13 44	27 695	20 69							3 0 03					
16	0010	13 09	31 035	23 32							3 0 03					
16	0015	13 03	32 312	24 32							3 0 03					
16	0020	13 00	32 333	24 34							3 0 03					
16	0030	13 07	32 372	24 36							3 0 03					
16	0040	13 20	32 698	24 58							3 0 03					
16	0050	11 68	34 163	26 04							3 0 03					
16	0060	09 15	34 650	26 84							3 0 03					
16	0070	07 87	34 841	27 19							3 0 03					
16	0080	07 82	34 851	27 20							3 0 03					
16	0090	07 79	34 845	27 21							3 0 03					
77 13	0120	58 03	0	11 04	66 10	03	17	2 8 3 0								
	0121	13			23 06		014									
18	0000	12 88	32 115	24 20							3 0 03					
18	0005	12 91	32 154	24 22							3 0 03					
18	0010	12 90	32 155	24 22							3 0 03					
18	0015	13 09	32 300	24 30							3 0 03					
18	0020	13 04	32 345	24 34							3 0 03					
18	0030	13 16	32 495	24 54							3 0 03					
18	0040	12 87	33 215	25 05							3 0 03					
18	0050	09 41	34 450	26 64							3 0 03					
17	0060	08 18	34 789	27 09							3 0 03					
17	0070	07 65	34 890	27 26							3 0 03					
17	0080	07 42	34 907	27 30							3 0 03					
17	0090	07 46	34 908	27 30							3 0 03					
17	0100	07 29	34 924	27 34							3 0 03					
17	0110	07 29	34 926	27 34							3 0 03					
77 13	0121	58 02	0	10 57	66 10	03	19	2 8 3 0								
	0156	13			23 06		000									
19	0000	12 78	31 937	24 08							3 0 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									
		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 0121

19	0005	12 75		31 934	24 08					3	0	03	
19	0010	12 87		32 053	24 11					3	0	03	
19	0015	12 97		32 295	24 11					3	0	03	
19	0020	13 03		32 334	24 33					3	0	03	
19	0030	13 25		32 713	24 66					3	0	03	
19	0040	12 60		33 253	25 14					3	0	03	
19	0050	10 25		34 351	26 42					3	0	03	
19	0060	07 90		34 840	27 19					3	0	03	
19	0070	07 40		34 864	27 28					3	0	03	
19	0080	07 47		34 880	27 28					3	0	03	
19	0090	07 13		34 930	27 36					3	0	03	
19	0100	06 84		34 978	27 45					3	0	03	
19	0125	06 79		35 018	27 48					3	0	03	
19	0150	06 77		35 022	27 48					3	0	03	

77 13 0122 58 01 0 10 49 66 10 03 20 2 8 3 0
0210 13 23 10 022

20	0000	12 84		31 641	23 84					3	0	03	
20	0005	12 75		31 644	23 86					3	0	03	
20	0010	12 74		31 650	23 88					3	0	03	
20	0015	12 79		31 744	23 93					3	0	03	
20	0020	12 86		31 855	24 00					3	0	03	
20	0030	13 35		33 472	25 15					3	0	03	
20	0040	13 36		34 458	25 92					3	0	03	
20	0050	09 51		34 663	26 79					3	0	03	
20	0060	07 53		34 892	27 28					3	0	03	
20	0070	07 07		34 922	27 37					3	0	03	
20	0080	07 01		34 935	27 39					3	0	03	
20	0090	06 97		34 982	27 42					3	0	03	
20	0100	06 82		34 974	27 44					3	0	03	
20	0125	06 69		35 004	27 49					3	0	03	
20	0150	06 74		35 033	27 50					3	0	03	
20	0175	06 73		35 045	27 51					3	0	03	
20	0200	06 70		35 070	27 54					3	0	03	

77 13 0123 57 58 0 10 35 66 10 03 22 1 4 2 0
0135 12 23 06 032

22	0000	12 76		31 631	23 86					3	0	03	
22	0005	12 80		31 645	23 86					3	0	03	
22	0010	12 83		31 670	23 86					3	0	03	
22	0015	12 91		31 675	23 86					3	0	03	
22	0020	12 78		31 819	23 98					3	0	03	
22	0030	13 14		33 839	25 48					3	0	03	
22	0040	09 57		35 087	27 13					3	0	03	
22	0050	06 77		34 971	27 46					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 13 0126

05	0000	12	09		30	882	23	40			3	0	03
05	0005	12	01		30	888	23	41			3	0	03
05	0010	11	99		30	939	23	50			3	0	03
05	0015	11	91		31	756	24	14			3	0	03
05	0020	08	65		34	585	26	88			3	0	03
05	0030	08	65		34	963	27	18			3	0	03
05	0040	08	10		35	112	27	38			3	0	03
05	0050	06	80		34	959	27	43			3	0	03
05	0060	07	15		35	089	27	49			3	0	03
05	0070	06	79		35	116	27	57			3	0	03
04	0080	06	39		35	059	27	58			3	0	03
04	0090	06	39		35	060	27	58			3	0	03
04	0100	06	31		35	074	27	59			3	0	03
04	0125	06	44		35	075	27	58			3	0	03
04	0150	06	34		35	086	27	60			3	0	03
04	0175	06	45		35	115	27	60			3	0	03
04	0200	06	29		35	116	27	63			3	0	03
04	0225	05	66		35	114	27	72			3	0	03

77 13 0127

58	15	0	10	34	66	10	04	06	6	8	2	0	
0280	11				09	08		019					
06	0000	12	38		31	080	23	49			3	0	03
06	0005	12	30		31	080	23	50			3	0	03
06	0010	12	26		31	094	23	52			3	0	03
06	0015	12	36		31	294	23	66			3	0	03
06	0020	12	96		33	658	26	98			3	0	03
06	0030	09	62		34	903	26	98			3	0	03
06	0040	08	72		35	130	27	30			3	0	03
06	0050	08	75		35	288	27	41			3	0	03
06	0060	07	94		35	189	27	46			3	0	03
06	0070	07	81		35	180	27	48			3	0	03
06	0080	07	45		35	178	27	53			3	0	03
06	0090	07	13		35	169	27	56			3	0	03
06	0100	06	63		35	112	27	58			3	0	03
06	0125	06	48		35	084	27	58			3	0	03
06	0150	06	38		35	097	27	60			3	0	03
06	0175	06	48		35	113	27	60			3	0	03
06	0200	06	53		35	123	27	60			3	0	03
06	0250	05	86		35	117	27	68			3	0	03

77 13 0128

58	16	0	10	44	66	10	04	07	6	8	2	0	
0200	11				05	08		028					
08	0000	12	84		31	687	23	88			3	0	03
08	0005	12	77		31	702	23	90			3	0	03
08	0010	12	74		31	695	23	91			3	0	03

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

77 13 0128

08 0015	12 76	31 721	23 92	3 0 03
08 0020	12 78	31 895	24 04	3 0 03
08 0030	13 16	33 878	25 50	3 0 03
08 0040	10 17	34 446	26 53	3 0 03
08 0050	08 40	34 839	27 11	3 0 03
08 0060	07 62	34 927	27 30	3 0 03
08 0070	07 16	34 997	27 42	3 0 03
07 0080	06 93	35 020	27 47	3 0 03
07 0090	06 81	35 015	27 48	3 0 03
07 0100	06 70	35 020	27 49	3 0 03
07 0125	06 71	35 041	27 52	3 0 03
07 0150	06 66	35 054	27 54	3 0 03
07 0175	06 61	35 070	27 54	3 0 03

77 13 0129	58 18	0	10 51	66 10	04 08	2 8 2 0
0139	11			14 04	042	

09 0000	12 73	31 974	24 11	3 0 03
09 0005	12 85	32 123	24 23	3 0 03
09 0010	12 96	32 338	24 37	3 0 03
09 0015	13 13	32 424	24 40	3 0 03
09 0020	13 08	32 483	24 44	3 0 03
09 0030	13 25	32 761	24 63	3 0 03
09 0040	12 11	33 799	25 64	3 0 03
09 0050	09 84	34 532	26 65	3 0 03
08 0060	07 88	34 831	27 19	3 0 03
08 0070	07 44	34 943	27 33	3 0 03
08 0080	06 84	34 965	27 45	3 0 03
08 0090	06 88	35 010	27 47	3 0 03
08 0100	06 81	35 009	27 48	3 0 03
08 0125	06 80	35 025	27 48	3 0 03

77 13 0130	58 19	0	10 57	66 10	04 09	2 8 2 0
0108	11 5			34 10	045	

10 0000	12 79	31 883	24 03	3 0 03
10 0005	12 77	31 922	24 06	3 0 03
10 0010	12 94	32 114	24 18	3 0 03
10 0015	12 85	32 182	24 25	3 0 03
10 0020	12 95	32 309	24 34	3 0 03
10 0030	13 02	32 768	24 68	3 0 03
10 0040	13 01	33 808	25 48	3 0 03
10 0050	11 49	34 129	26 05	3 0 03
09 0060	09 59	34 620	26 75	3 0 03
09 0070	07 38	34 898	27 30	3 0 03
09 0080	07 35	34 908	27 32	3 0 03
09 0090	07 30	34 915	27 33	3 0 03

Country	Ship	Station number	Latitude		Longitude		Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			0: N	1: E	1: N+W	2: S+E								
		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 0130

09 0100 07 22 34 944 27 36 3 0 03

77 13 0131 58 20 0 11 02 66 10 04 11 2 8 3 0
0077 11 5 02 10 013

11 0000 13 07 24 815 18 54 3 0 03

11 0005 13 03 25 424 19 00 3 0 03

11 0010 13 09 26 814 20 07 3 0 03

11 0015 13 75 30 435 22 73 3 0 03

11 0020 13 06 31 023 23 32 3 0 03

11 0030 13 12 32 330 24 32 3 0 03

11 0040 13 08 32 456 24 43 3 0 03

11 0050 12 29 34 096 25 86 3 0 03

11 0060 09 23 34 617 26 82 3 0 03

11 0070 07 16 34 722 27 19 3 0 03

77 13 0132 58 20 0 11 06 66 10 04 12 2 8 3 0
0052 11 5 05 10 013

12 0000 12 98 24 844 18 60 3 0 03

12 0005 12 99 24 900 18 65 3 0 03

12 0010 12 90 25 472 19 08 3 0 03

12 0015 13 55 29 675 22 19 3 0 03

12 0020 13 60 30 327 22 68 3 0 03

12 0030 13 40 32 019 24 02 3 0 03

12 0040 12 89 32 306 24 34 3 0 03

12 0045 12 61 33 429 25 27 3 0 03

77 13 0133 58 20 0 11 10 66 10 04 12 2 8 3 0
0050 11 5 05 12 014

12 0000 12 89 25 069 18 78 3 0 03

12 0005 12 92 3 0 03

12 0010 12 90 25 399 19 04 3 0 03

12 0015 13 05 25 624 19 16 3 0 03

12 0020 13 47 29 515 22 08 3 0 03

12 0030 13 48 31 485 23 60 3 0 03

12 0040 13 38 32 215 24 18 3 0 03

12 0045 12 83 32 884 24 80 3 0 03

77 13 0134 58 14 0 11 02 66 10 04 14 2 8 3 0
0107 12 34 12 037

14 0000 13 08 26 026 19 46 3 0 03

14 0005 12 95 30 400 22 86 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: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 0134

14	0010	12	87		32	002		24	11			3	0	03
14	0015	13	02		32	045		24	12			3	0	03
14	0020	12	90		32	052		24	14			3	0	03
14	0030	12	96		33	178		25	02			3	0	03
14	0040	12	82		33	821		25	53			3	0	03
14	0050	12	10		34	288		26	03			3	0	03
14	0060	09	09		34	729		26	94			3	0	03
14	0070	08	29		34	790		27	09			3	0	03
14	0080	08	07		34	789		27	12			3	0	03
14	0090	07	68										0	03

77 13 0135

	0050	58	05	0	11	17		66	10	04	18	2	7	3	0
		12						32	12		006				
18	0000	12	98		24	408		18	27			3	0	03	
18	0005	12	90		24	436		18	32			3	0	03	
18	0010	13	10		29	768		22	34			3	0	03	
18	0015	12	74		31	904		24	06			3	0	03	
18	0020	12	77		32	011		24	13			3	0	03	
18	0030	12	76		32	303		24	36			3	0	03	
18	0040	12	61		33	117		25	03			3	0	03	

77 13 0136

	0060	58	05	0	11	13		66	10	04	18	2	8	3	0
		12						27	12		006				
18	0000	12	98		25	308		18	96			3	0	03	
18	0005	12	92		29	670		22	31			3	0	03	
18	0010	12	78		31	897		24	05			3	0	03	
18	0015	12	88		31	946		24	07			3	0	03	
18	0020	12	66		32	207		24	30			3	0	03	
18	0030	12	87		32	520		24	52			3	0	03	
18	0040	12	34		33	488		25	37			3	0	03	
18	0050	11	51		33	892		25	86			3	0	03	

77 13 0137

	0094	58	04	0	11	09		66	10	04	19	1	3	3	0
		12						28	10		036				
19	0000	12	75		31	860		24	03			3	0	03	
19	0005	12	79		31	882		24	03			3	0	03	
19	0010	12	78		31	950		24	08			3	0	03	
19	0015	12	84		32	042		24	15			3	0	03	
19	0020	12	79		32	050		24	17			3	0	03	
19	0030	12	88		32	393		24	41			3	0	03	
19	0040	12	38		33	820		25	62			3	0	03	
19	0050	11	11		34	274		26	22			3	0	03	
19	0060	09	79		34	567		26	68			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 13 0137

19	0070	08 55		34 735	27 00					3 0 03					
19	0080	08 16		34 766	27 10					3 0 03					
19	0090	08 07		34 792	27 12					3 0 03					

77 13 0138 58 03 0 11 04 66 10 04 20 1 6 3 0
0120 11 5 29 10 034

20	0000	12 72		31 790	23 98					3 0 03					
20	0005	12 74		31 778	23 98					3 0 03					
20	0010	12 75		31 813	23 99					3 0 03					
20	0015	12 79		31 953	24 08					3 0 03					
20	0020	12 79		32 052	24 17					3 0 03					
20	0030	12 97		32 773	24 69					3 0 03					
20	0040	13 12		34 059	25 66					3 0 03					
20	0050	10 07		34 514	26 58					3 0 03					
20	0060	08 65		34 754	27 00					3 0 03					
20	0070	07 63		34 848	27 25					3 0 03					
20	0080	07 14		34 890	27 35					3 0 03					
20	0090	07 08		34 936	27 38					3 0 03					
20	0100	07 03		34 942	27 39					3 0 03					
20	0110	06 99		34 951	27 40					3 0 03					

77 13 0139 58 02 0 10 57 66 10 04 21 1 4 3 0
0156 11 32 08 033

21	0000	12 79		31 752	23 95					3 0 03					
21	0005	12 76		31 749	23 96					3 0 03					
21	0010	12 79		31 751	23 95					3 0 03					
21	0015	12 76		31 751	23 96					3 0 03					
21	0020	12 85		31 882	24 02					3 0 03					
21	0030	13 06		33 742	25 42					3 0 03					
21	0040	12 63		34 221	25 88					3 0 03					
21	0050	09 59		34 913	26 99					3 0 03					
21	0060	07 14		34 951	27 39					3 0 03					
21	0070	06 94		34 999	27 45					3 0 03					
21	0080	06 86		35 005	27 47					3 0 03					
21	0090	06 74		35 004	27 48					3 0 03					
21	0100	06 72		35 004	27 49					3 0 03					
21	0125	06 71		35 032	27 50					3 0 03					
21	0150	06 68		35 063	27 54					3 0 03					

77 13 0140 58 01 0 10 49 66 10 04 22 1 6 3 0
0211 12 27 08 035

22	0000	12 89		31 710	23 88					3 0 03					
22	0005	12 79		31 718	23 90					3 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 0140

22	0010	12 77		31 708	23 91						3 0 03
22	0015	12 82		31 729	23 92						3 0 03
22	0020	12 76		31 917	24 07						3 0 03
22	0030	13 30		33 367	25 09						3 0 03
22	0040	11 75		34 486	26 28						3 0 03
22	0050	07 95		34 963	27 28						3 0 03
22	0060	07 19		34 976	27 40						3 0 03
22	0070	06 89		34 984	27 45						3 0 03
22	0080	06 77		34 994	27 48						3 0 03
22	0090	06 76		35 008	27 49						3 0 03
22	0100	06 89		35 018	27 48						3 0 03
22	0125	06 67		35 018	27 50						3 0 03
22	0150	06 77		35 037	27 50						3 0 03
22	0175	06 73		35 067	27 54						3 0 03
22	0200	06 51		35 081	27 56						3 0 03

77 13 0141 57 58 0 10 35 66 10 04 24 2 8 3 0
0140 11 32 14 027

24	0000	12 67		31 871	24 06						3 0 03
24	0005	12 70		31 871	24 05						3 0 03
24	0010	12 68		31 878	24 06						3 0 03
24	0015	12 79		31 890	24 05						3 0 03
24	0020	12 80		32 354	24 38						3 0 03
24	0030	12 84		33 804	25 51						3 0 03
24	0040	08 06		34 712	27 06						3 0 03
24	0050	07 41		34 806	27 24						3 0 03
24	0060	07 15		34 839	27 30						3 0 03
24	0070	07 15		34 924	27 36						3 0 03
24	0080	06 89		34 952	27 41						3 0 03
24	0090	07 17		35 072	27 48						3 0 03
24	0100	06 83		35 030	27 50						3 0 03
24	0125	06 84		35 055	27 52						3 0 03

77 13 0142 58 03 0 10 19 66 10 05 02 2 8 4 0
0105 11 32 16 014

02	0000	12 38		31 499	23 82						3 0 03
02	0005	12 36		31 508	23 83						3 0 03
02	0010	12 48		31 531	23 83						3 0 03
02	0015	12 80		31 923	24 06						3 0 03
02	0020	13 04		33 766	25 45						3 0 03
02	0030	10 04		34 958	26 95						3 0 03
02	0040	06 97		34 964	27 42						3 0 03
02	0050	07 17		34 980	27 41						3 0 03
02	0060	06 94		34 989	27 45						3 0 03
02	0070	06 96		34 998	27 45						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	0142															
	02 0080		06 93		35 008		27 46						3 0	03		
	02 0090		06 94		35 006		27 46						3 0	03		
77 13	0143		58 16	0	10 11		66 10			05	04		1 1	5 0		
	0420		08				02 22				013					
	05 0000		11 63		31 009		23 60						3 0	03		
	05 0005		11 57		31 010		23 61						3 0	03		
	05 0010		11 50		31 143		23 72						3 0	03		
	05 0015		07 74		34 649		27 06						3 0	03		
	05 0020		07 06		34 756		27 24						3 0	03		
	05 0030		06 49		34 815		27 38						3 0	03		
	05 0040		06 87		35 011		27 48						3 0	03		
	05 0050		06 77		35 051		27 50						3 0	03		
	05 0060		06 54		35 038		27 53						3 0	03		
	05 0070		06 68		35 105		27 56						3 0	03		
	04 0125		06 76		35 088		27 56						3 0	03		
	04 0150		06 60		35 168		27 62						3 0	03		
	04 0175		06 41		35 150		27 62						3 0	03		
	04 0200		06 13		35 123		27 65						3 0	03		
	04 0300		05 59		35 117		27 72						3 0	03		
	04 0400		05 09		35 067		27 74						3 0	03		
77 13	0144		58 15	0	10 34		66 10			05	07		0 0	4 0		
	0270		09				02 14				022					
	07 0000		12 39		31 481		23 80						3 0	03		
	07 0005		12 39		31 485		23 80						3 0	03		
	07 0010		12 37		31 484		23 81						3 0	03		
	07 0015		12 41		31 496		23 81						3 0	03		
	07 0020		12 34		33 006		25 00						3 0	03		
	07 0030		09 39		34 892		26 99						3 0	03		
	07 0040		07 66		34 945		27 28						3 0	03		
	07 0050		08 41		35 254		27 43						3 0	03		
	07 0060		06 97		35 102		27 50						3 0	03		
	07 0070		06 72		35 078		27 52						3 0	03		
	07 0080		06 65		35 071		27 54						3 0	03		
	07 0090		06 55		35 069		27 56						3 0	03		
	07 0100		06 37		35 062		27 58						3 0	03		
	07 0125		06 52		35 082		27 58						3 0	03		
	07 0150		06 36		35 087		27 60						3 0	03		
	07 0175		06 44		35 113		27 60						3 0	03		
	07 0200		06 55		35 150		27 60						3 0	03		
	07 0250		06 16		35 135		27 66						3 0	03		
77 13	0145		58 16	0	10 44		66 10			05	08		1 2	4 0		
	0200		10				02 16				033					

Country	Ship	Station number	Latitude			Longitude			Year 19	Month	Day	Station time	Weather	Cloud amount	State of sea	Ice
			1:N+E	2:S+E	3:S+W	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 0145

09 0000	12 84	30 901	23 26	3 0 03
09 0005	12 39	30 917	23 36	3 0 03
09 0010	12 57	31 779	24 00	3 0 03
09 0015	12 60	31 859	24 05	3 0 03
09 0020	12 68	32 069	24 20	3 0 03
09 0030	12 61	34 115	25 80	3 0 03
09 0040	08 98	34 735	26 94	3 0 03
09 0050	07 91	35 065	27 36	3 0 03
09 0060	07 00	35 034	27 47	3 0 03
09 0070	06 82	35 029	27 49	3 0 03
08 0080	06 71	35 030	27 50	3 0 03
08 0090	06 81	35 031	27 49	3 0 03
08 0100	06 73	35 037	27 50	3 0 03
08 0125	06 69	35 061	27 53	3 0 03
08 0150	06 63	35 070	27 54	3 0 03
08 0175	06 59	35 077	27 56	3 0 03

77 13 0146 58 18 0 10 51 66 10 05 10 1 2 4 0
0135 10 05 14 009

10 0000	12 36	26 118	19 70	3 0 03
10 0005	12 42	27 396	20 68	3 0 03
10 0010	12 69	31 723	23 92	3 0 03
10 0015	12 86	31 825	23 97	3 0 03
10 0020	12 84	31 929	24 06	3 0 03
10 0030	13 08	32 686	24 61	3 0 03
10 0040	10 51	34 396	26 43	3 0 03
10 0050	08 29	34 792	27 08	3 0 03
10 0060	07 67	34 868	27 24	3 0 03
10 0070	07 28	34 909	27 33	3 0 03
10 0080	06 92	34 951	27 40	3 0 03
10 0090	06 88	34 961	27 42	3 0 03
10 0100	06 86	34 945	27 42	3 0 03
10 0125	06 77	34 991	27 47	3 0 03

77 13 0147 58 19 0 10 57 66 10 05 11 1 2 4 0
0110 10 34 12 014

11 0000	12 60	25 992	19 55	3 0 03
11 0005	12 61	25 993	19 54	3 0 03
11 0010	12 59	26 049	19 60	3 0 03
11 0015	12 83	30 325	22 83	3 0 03
11 0020	12 81	31 842	24 00	3 0 03
11 0030	13 03	32 709	24 64	3 0 03
11 0040	12 28	34 148	25 90	3 0 03
11 0050	09 60	34 609	26 74	3 0 03
11 0060	08 60	34 724	26 98	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					
			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 0147

11	0070	08	26		34	762		27	07					3	0	03
11	0080	07	81		34	848		27	20					3	0	03
11	0090	07	23		34	931		27	36					3	0	03
11	0100	07	10		34	945		27	38					3	0	03

77	13	0148	58	20	0	11	02	66	10		05	12		1	1	3	0
		0088	11						02	12		019					

12	0000	12	64		25	933		19	49					3	0	03
12	0005	12	59		25	958		19	53					3	0	03
12	0010	12	68		26	486		19	94					3	0	03
12	0015	12	78		31	826		24	01					3	0	03
12	0020	12	79		32	083		24	18					3	0	03
12	0030	12	74		32	173		24	26					3	0	03
12	0040	12	26		33	738		25	58					3	0	03
12	0050	11	27		34	016		26	00					3	0	03
12	0060	10	91		34	180		26	19					3	0	03
12	0070	10	42		34	442		26	46					3	0	03
12	0080	09	90		34	514		26	60					3	0	03

77	13	0149	58	20	0	11	06	66	10		05	12		1	1	3	0
		0065	11						02	12		007					

12	0000	12	53		26	069		19	64					3	0	03
12	0005	12	55		26	096		19	65					3	0	03
12	0010	13	05		27	287		20	44					3	0	03
12	0015	12	86		31	096		23	42					3	0	03
12	0020	12	79		32	063		24	18					3	0	03
12	0030	12	73		32	216		24	30					3	0	03
12	0040	12	55		33	392		25	25					3	0	03
12	0050	12	13		33	657		25	54					3	0	03

77	13	0150	58	20	0	11	10	66	10		05	13		1	1	2	0
		0050	09	5					02	12		009					

13	0000	12	57		26	533		19	98					3	0	03
13	0005	12	55		26	574		20	02					3	0	03
13	0010	13	51		30	339		22	71					3	0	03
13	0015	13	62		31	297		23	42					3	0	03
13	0020	13	70		31	922		23	89					3	0	03
13	0030	13	19		32	189		24	20					3	0	03
13	0040	13	04		32	631		24	57					3	0	03

77	13	0151	58	20	0	11	10	66	10		06	13		1	4	2	0
		0050	11	5					11	08		005					

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 13 0151

13	0000	12 27		24 108		18 16						3	0	03		
13	0005	12 57		26 063		19 60						3	0	03		
13	0010	13 73		31 131		23 28						3	0	03		
13	0015	13 34		31 797		23 86						3	0	03		
13	0020	12 87		31 982		24 10						3	0	03		
13	0030	12 75		32 302		24 36						3	0	03		
13	0040	12 70		32 673		24 66						3	0	03		

77	13	0152	58 20	0	11 06	66 10	06	14	1 4 2 0
		0055	11 5			11 08		004	

14	0000	12 13		25 175		18 99						3	0	03		
14	0005	12 76		28 612		21 52						3	0	03		
14	0010	12 73		31 705		23 90						3	0	03		
14	0015	12 93		32 045		24 14						3	0	03		
14	0020	12 90		32 222		24 26						3	0	03		
14	0030	12 75		32 507		24 54						3	0	03		
14	0040	12 62		32 706		24 70						3	0	03		
14	0050	12 44		33 271		25 19						3	0	03		

77	13	0153	58 20	0	11 02	66 10	06	14	1 5 2 0
		0076	11 5			11 08		004	

14	0000	12 13		27 807		21 05						3	0	03		
14	0005	12 70		30 896		23 29						3	0	03		
14	0010	12 63		31 873		23 97						3	0	03		
14	0015	12 66		31 873		23 97						3	0	03		
14	0020	12 71		32 131		24 23						3	0	03		
14	0030	12 83		32 607		24 60						3	0	03		
14	0040	12 52		33 135		25 06						3	0	03		
14	0050	11 35		33 908		25 90						3	0	03		
14	0060	10 03		34 488		26 57						3	0	03		
14	0070	08 98		34 709		26 92						3	0	03		

77	13	0154	58 19	0	10 57	66 10	06	15	1 5 2 0
		0115	11			14 06		022	

15	0000	12 46		31 597		23 88						3	0	03		
15	0005	12 43		31 631		23 92						3	0	03		
15	0010	12 49		31 618		23 90						3	0	03		
15	0015	12 57		31 633		23 89						3	0	03		
15	0020	12 69		31 805		23 99						3	0	03		
15	0030	13 07		33 613		25 32						3	0	03		
15	0040	12 25		34 188		25 93						3	0	03		
15	0050	09 19		34 503		26 72						3	0	03		
15	0060	09 00		34 657		26 88						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 0154

15	0070	08	44		34	754		27	03			3	0	03		
15	0080	07	67		34	870		27	24			3	0	03		
16	0090	07	54		34	878		27	28			3	0	03		
16	0100	07	53		34	882		27	28			3	0	03		

77	13	0155	58	18	0	10	51	66	10	06	16	1	5	1	0	
		0135	11	5				14	10		030					

17	0000	12	46		31	738		23	99			3	0	03		
17	0005	12	50		31	738		23	98			3	0	03		
17	0010	12	46		31	744		23	99			3	0	03		
17	0015	12	57		31	743		23	97			3	0	03		
17	0020	12	48		31	753		23	98			3	0	03		
17	0030	13	21		33	882		25	50			3	0	03		
17	0040	11	53		34	458		26	28			3	0	03		
17	0050	08	41		34	817		27	09			3	0	03		
16	0060	07	65		34	860		27	24			3	0	03		
16	0070	07	48		34	875		27	28			3	0	03		
16	0080	07	16		34	919		27	35			3	0	03		
16	0090	07	01		34	973		27	40			3	0	03		
16	0100	06	85		34	970		27	44			3	0	03		
16	0125	06	75		34	984		27	47			3	0	03		

77	13	0156	58	16	0	10	44	66	10	06	17	1	6	2	0	
		0200	11	5				07	14		030					

18	0000	12	53		31	789		24	01			3	0	03		
18	0005	12	55		31	754		23	98			3	0	03		
18	0010	12	63		31	772		23	98			3	0	03		
18	0015	12	56		31	774		23	99			3	0	03		
18	0020	12	58		31	852		24	07			3	0	03		
18	0030	12	17		34	203		25	95			3	0	03		
18	0040	08	50		34	867		27	12			3	0	03		
18	0050	08	65		35	176		27	34			3	0	03		
18	0060	07	43		35	092		27	44			3	0	03		
18	0070	06	92		35	052		27	50			3	0	03		
17	0080	06	78		35	026		27	50			3	0	03		
17	0090	06	84		35	037		27	50			3	0	03		
17	0100	06	70		35	039		27	51			3	0	03		
17	0125	06	64		35	049		27	53			3	0	03		
17	0150	06	54		35	050		27	54			3	0	03		
17	0175	06	47		35	061		27	57			3	0	03		

77	13	0157	58	15	0	10	34	66	10	06	19	1	4	3	0	
		0285	11					07	16		024					

19	0000	11	78		31	454		23	92			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 13 0157

19 0005	11 80		31 460	23 93					3 0 03
19 0010	11 77		31 463	23 94					3 0 03
19 0015	11 82		31 482	23 94					3 0 03
19 0020	11 13		34 194	26 16					3 0 03
19 0030	09 08		34 888	27 04					3 0 03
19 0040	08 01		35 032	27 30					3 0 03
19 0050	08 44		35 220	27 40					3 0 03
19 0060	06 99		35 081	27 40					3 0 03
19 0070	06 66		35 051	27 53					3 0 03
19 0080	06 61		35 045	27 53					3 0 03
19 0090	06 52		35 042	27 56					3 0 03
19 0100	06 41		35 041	27 57					3 0 03
19 0125	06 45		35 065	27 57					3 0 03
19 0150	06 44		35 087	27 58					3 0 03
19 0175	06 53		35 108	27 59					3 0 03
19 0200	06 58		35 130	27 60					3 0 03
19 0250	05 84		35 085	27 66					3 0 03

77 13 0158 57 58 0 10 35 66 10 06 22 2 8 5 0
0132 10 5 16 22 028

22 0000	12 36		32 194	24 35					3 0 03
22 0005	12 39		32 205	24 36					3 0 03
22 0010	12 36		32 201	24 37					3 0 03
22 0015	12 45		32 206	24 36					3 0 03
22 0020	12 37		32 212	24 38					3 0 03
22 0030	12 84		32 969	24 96					3 0 03
22 0040	12 26		34 113	25 87					3 0 03
22 0050	07 76		34 849	27 23					3 0 03
22 0060	07 30		34 866	27 30					3 0 03
22 0070	07 23		34 900	27 33					3 0 03
22 0080	06 97		34 958	27 41					3 0 03
22 0090	06 91		35 002	27 46					3 0 03
22 0100	06 89		35 006	27 46					3 0 03
22 0125	06 85		35 035	27 49					3 0 03

77 13 0159 58 01 0 10 49 66 10 06 24 2 8 5 0
0198 10 16 22 028

24 0000	12 41		32 272	24 40					3 0 03
24 0005	12 47		32 263	24 38					3 0 03
24 0010	12 47		32 263	24 38					3 0 03
24 0015	12 51		32 267	24 38					3 0 03
24 0020	12 46		32 276	24 41					3 0 03
24 0030	12 80								0 03
24 0040	10 12		34 697	26 62					3 0 03
24 0050	09 30		35 120	27 20					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 0159

24	0060	07	63		35	118		27	46			3	0	03
24	0070	06	99		35	037		27	48			3	0	03
24	0080	06	91		35	041		27	49			3	0	03
24	0090	06	94		35	027		27	49			3	0	03
24	0100	06	96		35	073		27	50			3	0	03
24	0125	06	81		35	067		27	51			3	0	03
24	0150	06	69		35	071		27	53			3	0	03
24	0175	06	46		35	065		27	56			3	0	03

77	13	0160	58	02	0	10	57	66	10	07	01	2	8	5	0
		0150	09	5				16	20		029				

01	0000	12	47		31	939		24	14			3	0	03
01	0005	12	46		31	947		24	14			3	0	03
01	0010	12	49		31	944		24	14			3	0	03
01	0015	12	47		31	951		24	14			3	0	03
01	0020	12	60		32	000		24	16			3	0	03
01	0030	11	90		34	116		25	96			3	0	03
01	0040	09	83		35	056		27	06			3	0	03
01	0050	07	44		34	967		27	36			3	0	03
01	0060	06	80		34	975		27	44			3	0	03
01	0070	06	91		35	021		27	47			3	0	03
01	0080	06	78		35	013		27	49			3	0	03
01	0090	06	78		35	017		27	49			3	0	03
01	0100	06	76		35	020		27	50			3	0	03
01	0125	06	70		35	049		27	53			3	0	03

77	13	0161	58	03	0	11	04	66	10	07	02	2	8	4	0
		0125	09	5				16	14		035				

02	0000	12	36		31	925		24	15			3	0	03
02	0005	12	39		31	923		24	15			3	0	03
02	0010	12	35		31	929		24	16			3	0	03
02	0015	12	46		31	923		24	14			3	0	03
02	0020	12	38		31	920		24	15			3	0	03
02	0030	12	69		32	271		24	37			3	0	03
02	0040	11	67		34	134		26	00			3	0	03
02	0050	08	64		34	839		27	07			3	0	03
02	0060	08	83		35	148		27	07			3	0	03
02	0070	07	13		35	026		27	45			3	0	03
02	0080	06	74		35	005		27	47			3	0	03
02	0090	06	73		35	009		27	48			3	0	03
02	0100	06	72		35	018		27	50			3	0	03
02	0110	06	73		35	036		27	51			3	0	03

77	13	0162	58	04	0	11	09	66	10	07	03	2	8	4	0
		0090	09	5				16	16		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 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 0162

03	0000	12	84	31	636	23	84					3	0	03		
03	0005	12	80	31	660	23	88					3	0	03		
03	0010	12	83	31	713	23	90					3	0	03		
03	0015	12	75	31	844	24	02					3	0	03		
03	0020	12	49	32	139	24	28					3	0	03		
03	0030	12	42	32	193	24	34					3	0	03		
03	0040	12	69	32	579	24	61					3	0	03		
03	0050	13	00	33	971	25	61					3	0	03		
03	0060	10	22	34	431	26	49					3	0	03		
03	0070	08	96	34	623	26	86					3	0	03		
03	0080	07	80	34	867	27	21					3	0	03		

77 13 0163

	0059	58	05	0	11	13	66	10		07	04	2	8	4	0	
		09	5				16	16			009					
04	0000	12	19	27	910	21	10					3	0	03		
04	0005	12	53	30	579	23	08					3	0	03		
04	0010	12	40	31	048	23	47					3	0	03		
04	0015	12	73	31	399	23	67					3	0	03		
04	0020	12	70	31	755	23	97					3	0	03		
04	0030	12	51	32	087	24	24					3	0	03		
04	0040	12	55	32	262	24	46					3	0	03		
04	0050	12	69	33	862	25	58					3	0	03		

77 13 0164

	0048	58	05	0	11	17	66	10		07	04	2	8	4	0	
		09	5				16	16			005					
04	0000	12	42	24	521	18	45					3	0	03		
04	0005	12	43	24	824	18	68					3	0	03		
04	0010	12	96	27	288	20	48					3	0	03		
04	0015	12	31	30	277	22	90					3	0	03		
04	0020	12	73	31	819	24	00					3	0	03		
04	0030	12	47	32	121	24	28					3	0	03		
04	0040	12	66	32	487	24	53					3	0	03		

77 13 0165

	0120	58	19	0	11	33	66	10		12	13	2	8	0	0	
		10					25	04			020					
13	0000	11	01	25	6	1	95	3				4	0	03		
13	0002	10	6	25	5		19	48				4	0	03		
13	0005	10	9	25	0		19	06				4	0	03		
13	0010	11	4	25	2		19	12				4	0	03		
13	0020	12	5	30	1		22	71				4	0	03		
13	0030	13	0	32	0		24	08				4	0	03		
13	0040	12	91	32	061		24	14				3	0	03		
13	0050	10	91	32	679		25	00				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	Oxygen		Saturat. ‰	Salin. method	Extra info.	Card code
		↓	↓	↓			ml/l	↓				

77 13 0165

13 0060	05 49	33 889	26 75	3 0 03
13 0070	04 81	34 250	27 12	3 0 03
13 0080	04 91	34 303	27 14	3 0 03
13 0090	04 65	34 368	27 23	3 0 03
13 0100	04 74	34 318	27 18	3 0 03
13 0110	04 73	34 378	27 23	3 0 03
13 0115	04 73	34 352	27 21	3 0 03

77 13 0176 58 10 0 09 30 66 10 18 09 2 8 3 0
0625 11 5 19 16 028

10 0000	11 29	31 642	24 15	3 0 03
10 0005		31 662		3 0 03
10 0010	11 13	31 915	24 39	3 0 03
10 0015	11 29	34 586	26 42	3 0 03
10 0020	11 23	34 808	26 60	3 0 03
10 0030	07 79	35 100	27 40	3 0 03
10 0040	07 38	35 132	27 49	3 0 03
10 0050	06 83	35 069	27 51	3 0 03
10 0060	06 66	35 085	27 56	3 0 03
10 0070	06 70	35 136	27 59	3 0 03
09 0080	06 70	35 134	27 59	3 0 03
09 0090	06 47	35 105	27 60	3 0 03
09 0100	05 98	35 136	27 68	3 0 03
09 0150	06 14	35 192	27 70	3 0 03
09 0200	05 88	35 116	27 68	3 0 03
09 0300	05 54	35 122	27 72	3 0 03
09 0400	05 04	35 057	27 73	3 0 03
09 0500	04 32	35 022	27 78	3 0 03
09 0600	04 01	34 951	27 77	3 0 03

77 13 0177 58 54 0 11 05 66 10 19 09 2 8 0 0
0225 10 09 08 000

09 0000	11 33	25 007	19 02	3 0 03
09 0005	11 34	24 984	18 98	3 0 03
09 0010	11 63	25 536	19 35	3 0 03
09 0015	11 72	26 299	19 94	3 0 03
09 0020	12 14	27 429	20 75	3 0 03
09 0030	12 74	30 212	22 76	3 0 03
09 0040	13 15	32 251	24 24	3 0 03
09 0050	12 55	32 864	24 82	3 0 03
09 0060	10 82	33 773	25 88	3 0 03
09 0070	08 20	34 497	26 86	3 0 03
09 0080	07 41	34 706	27 14	3 0 03
09 0090	07 08	34 750	27 22	3 0 03
09 0100	07 00	34 746	27 24	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:N+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	Oxygen		Saturat. ‰	Salin. method	Extra info.	Card code		
		↓			↓	↓	ml/l	↓	↓			code	code	

77 13 0177

09 0150	06 36											0 03
09 0200	04 91			34 932		27 64						3 0 03
10 0221	04 93			34 800		27 53						3 0 03

77 13 0185	55 55	0	12 45	66 11	16 01	9 9 9 0
0043	04			20 20	007	

01 0000	07 15		17 123	13 41		3 0 03
01 0005	07 13		17 500	13 70	07 26	3 0 03
01 0010	11 22		31 984	24 42		3 0 03
01 0020	11 37		32 922	25 14		3 0 03
01 0030	11 07		32 961	25 18	02 80	3 0 03
01 0040	11 41		33 003	25 17	02 87	3 0 03

77 13 0186	55 33	0	16 28	66 11	17 06	2 8 9 0
0070	07			16 14	039	

06 0000	08 47		07 46	05 74		1 0 03
06 0010	08 51		07 44	05 70	07 40	1 0 03
06 0020	08 48		07 44	05 72		1 0 03
06 0030	08 62		07 46	05 73		1 0 03
06 0040	04 26		08 05	06 44	06 44	1 0 03
06 0050	04 95		09 85	07 84		1 0 03
06 0060	07 23		13 06	10 23	04 45	1 0 03
06 0065	08 55		15 00	11 60	02 61	1 0 03

77 13 0187	55 27	0	14 39	66 11	21 07	2 8 9 0
0070	05			16 16	046	

07 0000	07 50		07 52	05 84		1 0 03
07 0010	07 51		07 50	05 84	07 51	1 0 03
07 0020	07 48		07 50	05 84		1 0 03
07 0030	07 60		07 49	05 83		1 0 03
07 0040	07 50		07 49	05 84	07 52	1 0 03
07 0050	08 84		09 82	07 54		1 0 03
07 0060	11 38		13 91	10 42	03 94	1 0 03
07 0065	11 50		15 26	11 44	02 93	1 0 03

77 13 0188	55 13	0	13 42	66 11	21 16	1 4 9 0
0043	05			11 18	037	

16 0000	08 02		07 78	06 03		1 0 03
16 0010	08 08		07 76	06 02	07 50	1 0 03
16 0020	08 03		07 76	06 02		1 0 03
16 0030	08 11		07 79	06 02	07 47	1 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	13	0188														
	16	0035	08 13		07 81		06 04					1 0 03				
	16	0040	10 14		10 46		07 91	05 29				1 0 03				
77	13	0189	57 31	0	11 33		66 11			23 06		2 8 9 0				
		0073	04				14 02			018						
	06	0000	06 27		18 881		14 86					3 0 03				
	06	0010	07 97		23 267		18 12	06 73				3 0 03				
	06	0020	11 29		32 882		25 10					3 0 03				
	06	0030	10 86		33 505		25 67					3 0 03				
	06	0040	10 90		33 864		25 93					3 0 03				
	06	0050	08 42		34 780		27 06	05 14				3 0 03				
	06	0060	07 09		34 970		27 40					3 0 03				
	06	0070	06 91		35 018		27 46	05 22				3 0 03				
77	13	0190	57 54	0	11 32		66 12			12 13		7 8 2 0				
		0037	01				05 10			000						
	13	0000	04 77		21 346		16 96					3 4 03				
	13	0005	05 25		22 237		17 60					3 4 03				
	13	0010	06 35		25 405		19 98					3 4 03				
	13	0015	07 01		29 041		22 75					3 4 03				
	13	0020	07 42		31 257		24 45					3 4 03				
	13	0030	07 55		32 551		25 44					3 4 03				
	13	0035	07 66		32 740		25 58					3 4 03				
77	13	0191	57 53	0	11 25		66 12			12 13		7 8 2 0				
		0065	02				05 08			000						
	13	0000	04 39		25 517		20 25					3 4 03				
	13	0005	05 24		30 300		23 95					3 4 03				
	13	0010	05 63		31 379		24 76					3 4 03				
	13	0015	06 46		31 861		25 04					3 4 03				
	13	0020	06 86		32 202		25 25					3 4 03				
	13	0030	07 71		32 922		25 70					3 4 03				
	13	0040	08 24		33 348		25 97					3 4 03				
	13	0050	08 50		33 565		26 10					3 4 03				
77	13	0192	57 52	0	11 21		66 12			12 14		2 8 2 0				
		0067	02				05 08			000						
	14	0000	05 26		29 864		23 60					3 4 03				
	14	0005	05 68		31 242		24 64					3 4 03				
	14	0010	05 90		31 567		24 88					3 4 03				
	14	0015	05 86		31 591		24 90					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 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.	Code					
77	13	0192														
	14	0020	06 07		31 633			24 92				3	4	03		
	14	0030	06 66		32 108			25 21				3	4	03		
	14	0040	07 40		32 756			25 62				3	4	03		
	14	0050	08 37		33 467			26 04				3	4	03		
	14	0060	08 48		33 540			26 08				3	4	03		
77	13	0193	57 52	0	11 18			66 12		12	14	2	8	2	0	
		0098	02					05 08			000					
	14	0000	05 22		27 123			21 45		06 93		3	4	03		
	14	0005	07 15		30 400			23 81				3	4	03		
	14	0010	05 29		31 393			24 81		06 76		3	4	03		
	14	0015	05 46		31 512			24 88				3	4	03		
	14	0020	05 67		31 573			24 91				3	4	03		
	14	0030	06 96		32 212			25 25		06 46		3	4	03		
	14	0040	07 23		32 550			25 49				3	4	03		
	14	0050	07 47		32 690			25 56		06 41		3	4	03		
	14	0060	07 97		33 333			25 99		06 23		3	4	03		
	14	0070	08 33		33 526			26 10		06 28		3	4	03		
	14	0080	08 74		33 802			26 24		06 17		3	4	03		
	14	0090	08 88		33 939			26 33		06 01		3	4	03		
77	13	0194	57 51	0	11 15			66 12		12	15	2	8	2	0	
		0070	02					07 08			000					
	15	0000	05 26		27 458			21 72				3	4	03		
	15	0005	07 24		30 808			24 12				3	4	03		
	15	0010	06 28		31 466			24 76				3	4	03		
	15	0015	05 34		31 424			24 82				3	4	03		
	15	0020	06 76		31 842			24 98				3	4	03		
	15	0030	07 02		32 252			25 28				3	4	03		
	15	0040	07 34		32 644			25 54				3	0	03		
	15	0050	07 58		32 945			25 75				3	4	03		
	15	0060	08 22		33 455			26 06				3	4	03		
77	13	0195	57 50	0	11 04			66 12		12	16	2	8	3	0	
		0050	02					07 12			017					
	16	0000	05 29		29 315			23 17				3	4	03		
	16	0005	07 11		31 359			24 57				3	4	03		
	16	0010	06 97		31 823			24 97				3	4	03		
	16	0015	07 01		32 005			25 08				3	4	03		
	16	0020	07 46		32 335			25 28				3	4	03		
	16	0030	07 45		32 664			25 54				3	4	03		
	16	0040	08 59		33 887			26 32				3	4	03		
77	13	0196	57 48	0	10 52			66 12		12	17	2	8	3	0	
		0054	02					07 12			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 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	0196														
	17	0000	05	23	30	343	23	98					3	4	03	
	17	0005	05	54	31	111	24	56					3	4	03	
	17	0010	06	26	31	461	24	75					3	4	03	
	17	0015	06	27	31	502	24	78					3	4	03	
	17	0020	06	09	31	550	24	82					3	4	03	
	17	0030	07	88	32	206	25	13					3	4	03	
	17	0040	09	00	33	349	25	85					3	4	03	
	17	0050	09	24	34	198	26	48					3	4	03	
77	13	0197	57	48	0	10	42	66	12	12	18		2	8	3	0
		0080	02					07	14		026					
	18	0000	06	25	31	334	24	65					3	4	03	
	18	0005	06	15	31	334	24	66					3	0	03	
	18	0010	06	17	31	334	24	66					3	4	03	
	18	0015	06	18	31	358	24	68					3	4	03	
	18	0020	06	37	31	748	24	97					3	4	03	
	18	0030	07	94	33	385	26	04					3	4	03	
	18	0040	09	03	34	272	26	56					3	4	03	
	18	0050	09	27	34	413	26	63					3	4	03	
	18	0060	09	28	34	442	26	66					3	4	03	
	18	0070	09	34	34	467	26	67					3	4	03	
77	13	0198	57	54	0	11	32	66	12	13	08		2	8	3	0
		0037	01	5				05	22		010					
	08	0000	05	36	24	161	19	10					3	3	03	
	08	0005	05	49	24	174	19	10					3	3	03	
	08	0010	05	30	24	958	19	74					3	3	03	
	08	0015	06	30	30	179	23	74					3	3	03	
	08	0020	05	80	31	291	24	67					3	3	03	
	08	0030	07	30	32	393	25	34	06	39			3	3	03	
77	13	0199	57	55	0	11	36	66	12	13	09		2	8	3	0
		0055	01	5				05	22		004					
	09	0000	04	23	22	098	17	56					3	3	03	
	09	0005	06	59	26	197	20	58					3	3	03	
	09	0010	06	94	28	467	22	32					3	3	03	
	09	0015	06	95	29	979	23	50					3	3	03	
	09	0020	07	38	31	547	24	68					3	3	03	
	09	0030	07	59	32	399	25	31					3	3	03	
	09	0040	07	64	32	693	25	54					3	3	03	
	09	0050	07	71	32	766	25	59	06	20			3	3	03	
77	13	0200	57	59	0	11	46	66	12	13	10		2	7	2	0
		0029	01					05	16		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										
		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	0200														
		10 0000	04	67		22	809		18	10	06	88		3	3	03
		10 0005	06	92		25	469		19	97				3	3	03
		10 0010	07	49		28	562		22	33	06	15		3	3	03
		10 0015	07	51		30	195		23	60				3	3	03
		10 0020	07	69		31	953		24	95	06	16		3	3	03
		10 0025	07	77		32	275		25	20	06	17		3	3	03
77	13	0201	58	04	0	11	47		66	12	13	11		7	8	2 0
		0027	01						05	16		005				
		11 0000	04	49		22	276		17	70	06	92		3	3	03
		11 0005	04	83		22	474		17	82				3	3	03
		11 0010	07	14		26	450		20	72	06	00		3	3	03
		11 0015	07	70		30	074		23	48				3	3	03
		11 0020	07	74		31	154		24	32	06	11		3	3	03
		11 0025	07	78		31	655		24	72	06	06		3	3	03
77	13	0202	58	08	0	11	50		66	12	13	11		2	8	2 0
		0027	01						07	14		005				
		11 0000	04	57		22	546		17	90	06	77		3	3	03
		11 0005	04	89		22	666		17	96				3	3	03
		11 0010	07	86		28	024		21	85	05	80		3	3	03
		11 0015	07	90		28	821		22	46				3	3	03
		11 0020	07	82		29	070		22	67				3	3	03
		11 0025	07	83		29	289		22	84	05	93		3	3	03
77	13	0203	58	11	0	11	51		66	12	13	12		1	6	2 0
		0022	01						36	12		004				
		12 0000	04	54		21	795		17	30	06	93		3	3	03
		12 0005	04	52		21	903		17	37				3	3	03
		12 0010	05	14		22	521		17	82	06	65		3	3	03
		12 0015	07	63		26	486		20	68				3	3	03
		12 0020	08	96		28	499		22	09	04	33		3	3	03
77	13	0204	58	16	0	11	49		66	12	13	13		2	8	2 0
		0028	01						05	16		005				
		13 0000	03	91		21	264		16	92				3	3	03
		13 0005	04	06		21	266		16	91				3	3	03
		13 0010	05	21		22	291		17	63				3	3	03
		13 0015	08	06		26	476		20	62				3	3	03
		13 0020	10	02		29	918		23	02				3	3	03
		13 0025	09	46		31	121		24	04	03	35		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	0205 0041	58	19	0	11	46	66	12	13	13	2	8	3	0
			01					07	32		006				
	13	0000	04	83		21	400	16	96	06	85	3	3	03	
	13	0005	04	80		21	431	16	99			3	3	03	
	13	0010	05	64		22	516	17	77	06	50	3	3	03	
	13	0015	09	26		26	835	20	72			3	3	03	
	13	0020	10	11		29	507	22	68	02	50	3	3	03	
	13	0030	06	50		31	675	24	91	00	52	3	3	03	
	13	0038	05	18		32	056	25	34	00	09	3	3	03	
77	13	0206 0047	58	20	0	11	53	66	12	13	14	2	8	3	0
			01					07	30		007				
	14	0000	05	00		21	177	16	77	06	55	3	3	03	
	14	0005	05	02		21	275	16	85	06	55	3	3	03	
	14	0010	09	06		24	900	19	36	02	86	3	3	03	
	14	0015	07	85		28	928	22	56	00	07	3	3	03	
	14	0020	05	93		30	147	23	76			3	3	03	
	14	0025	06	06		30	540	24	04			3	3	03	
	14	0030	06	06		30	778	24	24			3	3	03	
	14	0040	06	02		30	876	24	32			3	3	03	
77	13	0207 0059	58	17	0	11	41	66	12	14	08	2	8	2	0
			00	5				05	12		006				
	08	0000	03	88		21	108	16	80	07	08	3	3	03	
	08	0005	03	90		21	111	16	79			3	3	03	
	08	0010	04	18		21	303	16	92	06	82	3	3	03	
	08	0015	08	15		25	564	19	88			3	3	03	
	08	0020	05	97		28	163	22	20			3	3	03	
	08	0030	05	04		28	466	22	53	00	10	3	3	03	
	08	0040	04	95		28	483	22	56	00	08	3	3	03	
	08	0050	04	84		28	525	22	60	00	09	3	3	03	
77	13	0208 0058	58	15	0	11	38	66	12	14	08	2	8	2	0
			00	5				05	24		011				
	08	0000	03	80		21	241	16	91	07	08	3	3	03	
	08	0005	03	83		21	254	16	91			3	3	03	
	08	0010	03	81		21	323	16	96			3	3	03	
	08	0015	08	10		26	613	20	72	00	65	3	3	03	
	08	0020	05	49		28	318	22	37			3	3	03	
	08	0030	05	07		28	472	22	53	00	09	3	3	03	
	08	0040	05	02		28	483	22	54	00	05	3	3	03	
	08	0050	04	99		28	483	22	55	00	07	3	3	03	
77	13	0209 0041	58	14	0	11	35	66	12	14	09	2	8	2	0
			00	5				05	16		014				

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	0209														
	09	0000	03 78		21 337		16 99	07 02				3	3	03		
	09	0005	03 78		21 330		16 98					3	3	03		
	09	0010	03 82		21 357		17 00	06 99				3	3	03		
	09	0015	06 69		24 641		19 34					3	3	03		
	09	0020	05 37		28 339		22 38	00 01				3	3	03		
	09	0025	05 13		28 453		22 52	00 04				3	3	03		
	09	0030	05 05		28 477		22 54	00 01				3	3	03		
	09	0038	05 01		28 487		22 55	00 02				3	3	03		
77	13	0210	58 16	0	11 22		66 12			14	10	2	8	2	0	
		0054	01				05 20				005					
	10	0000	07 09		29 780		23 32					3	3	03		
	10	0005	07 16		30 099		23 56					3	3	03		
	10	0010	07 80		32 554		25 41					3	3	03		
	10	0015	08 07		33 119		25 80					3	3	03		
	10	0020	08 54		33 614		26 13					3	3	03		
	10	0030	08 91		33 961		26 34					3	3	03		
	10	0040	09 07		34 027		26 38	06 01				3	3	03		
77	13	0211	58 16	0	11 26		66 12			14	11	2	7	2	0	
		0065	01				05 18				000					
	11	0000	07 14		28 864		22 61					3	3	03		
	11	0005	07 22		29 200		22 86					3	3	03		
	11	0010	07 46		30 706		24 01					3	3	03		
	11	0015	07 42		32 295		25 26					3	3	03		
	11	0020	07 94		32 682		25 49					3	3	03		
	11	0030	08 27		33 273		25 90					3	3	03		
	11	0040	08 50		33 568		26 10					3	3	03		
	11	0050	08 60		33 683		26 17					3	3	03		
77	13	0212	58 19	0	11 33		66 12			14	12	7	8	2	0	
		0119	01				05 16				000					
	13	0000	06 94		28 319		22 20	06 16				3	3	03		
	13	0005	07 72		29 336		22 90					3	3	03		
	13	0010	09 18		31 973		24 74	05 43				3	3	03		
	13	0015	08 66		32 220		25 02					3	3	03		
	13	0020	09 11		32 652		25 29					3	3	03		
	13	0030	08 30		32 993		25 67	05 96				3	3	03		
	13	0040	08 30		33 243		25 88					3	3	03		
	13	0050	08 47		33 531		26 08	05 48				3	3	03		
	12	0060	06 84		34 016		26 68	03 94				3	3	03		
	12	0070	05 15		34 223		27 06	03 36				3	3	03		
	12	0080	04 88		34 242		27 10	03 25				3	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 13	0212												
	12 0090	04 85		34 289	27 14	03 26				3 3 03			
	12 0100	04 81		34 305	27 16	03 03				3 3 03			
	12 0110	04 81		34 320	27 17	02 67				3 3 03			
77 13	0213	58 22	0	11 26	66 12	15 07				2 8 2 0			
	0025	-03			36 16	000							
	07 0000	07 12		31 723	24 84					3 3 03			
	07 0005	07 01		31 734	24 87					3 3 03			
	07 0010	07 80		32 442	25 32					3 3 03			
	07 0015	08 32		33 364	25 96					3 3 03			
	07 0022	08 84		33 977	26 37	05 87				3 3 03			
77 13	0214	58 19	0	11 22	66 12	15 08				2 8 2 0			
	0033	-03			36 14	006							
	08 0000	06 42		30 733	24 15					3 3 03			
	08 0005	06 61		30 851	24 23					3 3 03			
	08 0010	06 91		31 521	24 72					3 3 03			
	08 0015	08 05		33 148	25 84					3 3 03			
	08 0020	08 87		33 955	26 35					3 3 03			
	08 0030	09 02		34 072	26 41	05 95				3 3 03			
77 13	0215	58 22	0	11 23	66 12	15 08				2 8 2 0			
	0027	-03			36 12	000							
	08 0000	06 00		29 530	23 26					3 3 03			
	08 0005	06 57		29 957	23 53					3 3 03			
	08 0010	07 90		32 478	25 33					3 3 03			
	08 0015	08 70		33 716	26 18					3 3 03			
	08 0020	08 87		33 974	26 36					3 3 03			
	08 0025	08 95		34 036	26 40	05 85				3 3 03			
77 13	0216	58 20	0	11 10	66 12	15 10				2 8 2 0			
	0051	-02			34 10	000							
	10 0000	06 69		30 903	24 26					3 4 03			
	10 0005	07 52		32 325	25 27					3 4 03			
	10 0010	07 57		32 368	25 30					3 4 03			
	10 0015	07 99		32 541	25 37					3 4 03			
	10 0020	08 04		32 901	25 65					3 4 03			
	10 0030	08 58		33 692	26 18					3 4 03			
	10 0040	09 12		34 288	26 56					3 4 03			
	10 0050	09 17		34 361	26 61					3 4 03			
77 13	0217	58 20	0	11 06	66 12	15 11				1 6 2 0			
	0050	-02			05 12	005							

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	0217															
	11 0000	06	51		30	643		24	07			3	4	03		
	11 0005	06	54		30	655		24	09			3	4	03		
	11 0010	07	34		31	564		24	69			3	4	03		
	11 0015	07	45		31	952		24	98			3	4	03		
	11 0020	07	64		32	251		25	18			3	4	03		
	11 0030	07	99		32	850		25	62			3	4	03		
	11 0040	08	82		34	014		26	39			3	4	03		
	11 0048	09	13		34	329		26	60			3	4	03		
77 13	0218	58	20	0	11	02		66	12	15	12	1	6	2	0	
	0085	-02						05	10		000					
	12 0000	06	58		30	651		24	08			3	4	03		
	12 0005	06	95		30	995		24	30			3	4	03		
	12 0010	06	97		31	258		24	50			3	4	03		
	12 0015	07	07		31	347		24	56			3	4	03		
	12 0020	07	35		32	004		25	03			3	4	03		
	12 0030	08	01		32	744		25	52			3	4	03		
	12 0040	08	23		33	252		25	89			3	4	03		
	12 0050	08	48		33	749		26	24			3	4	03		
	12 0060	08	98		34	323		26	60			3	4	03		
	12 0070	08	87		34	568		26	82			3	4	03		
	12 0080	08	21		34	816		27	11			3	0	03		
77 13	0219	58	19	0	10	57		66	12	15	13	2	7	2	0	
	0118	-02						05	10		014					
	13 0000	06	14		30	034		23	62			3	4	03		
	13 0005	06	21		30	074		23	65			3	4	03		
	13 0010	06	25		30	211		23	76			3	4	03		
	13 0015	06	95		30	992		24	29			3	4	03		
	13 0020	07	45		32	316		25	27			3	4	03		
	13 0030	07	73		32	621		25	48			3	4	03		
	13 0040	07	94		33	092		25	80			3	4	03		
	13 0050	08	30		33	529		26	10			3	4	03		
	13 0060	08	54		34	013		26	44			3	4	03		
	13 0070	08	92		34	260		26	57			3	4	03		
	13 0080	08	80		34	572		26	84			3	4	03		
	13 0090	08	41		34	774		27	05			3	4	03		
	13 0100	07	63		34	963		27	30			3	4	03		
	13 0110	07	50		34	996		27	36			3	4	03		
77 13	0220	58	18	0	10	51		66	12	15	14	2	8	2	0	
	0130	-01						05	08		012					
	14 0000	05	02		28	225		22	35			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	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 13 0220

14	0005	05	01	28	234	22	35				3	4	03
14	0010	05	27	28	518	22	55				3	4	03
14	0015	07	52	32	109	25	10				3	4	03
14	0020	07	94	32	982	25	72				3	4	03
14	0030	08	32	33	487	26	06				3	4	03
14	0040	08	52	33	938	26	38				3	4	03
14	0050	08	94	34	290	26	59				3	4	03
14	0060	09	08	34	414	26	66				3	4	03
14	0070	09	30	34	486	26	69				3	4	03
14	0080	09	01	34	539	26	78				3	4	03
14	0090	09	07	34	607	26	82				3	4	03
14	0100	08	99	34	660	26	88				3	4	03
14	0125	07	84	34	890	27	23				3	4	03

77	13	0221	58	16	0	10	44	66	12	15	15	2	8	2	0
		0190	00					05	08		009				

16	0000	04	88	28	953	22	94				3	4	03
16	0005	04	87	28	976	22	94				3	4	03
16	0010	08	51	33	787	26	26				3	4	03
16	0015	08	82	34	035	26	42				3	4	03
16	0020	09	19	34	254	26	52				3	4	03
16	0030	09	28	34	427	26	65				3	4	03
16	0040	09	21	34	448	26	68				3	4	03
16	0050	09	27	34	499	26	70				3	4	03
16	0060	09	30	34	555	26	75				3	4	03
16	0070	09	33	34	627	26	79				3	4	03
15	0080	08	85	34	668	26	90				3	4	03
15	0090	08	66	34	757	27	00				3	4	03
15	0100	08	33	34	822	27	09				3	4	03
15	0125	07	94	34	947	27	27				3	4	03
15	0150	07	69	35	024	27	36				3	4	03
15	0175	06	63	35	108	27	56				3	4	03

77	13	0222	58	15	0	10	34	66	12	15	17	2	8	2	0
		0290	00					05	10		000				

17	0000	06	23	32	413	25	50				3	4	03
17	0005	07	31	33	417	26	16				3	4	03
17	0010	07	54	33	646	26	30				3	4	03
17	0015	07	83	33	984	26	52				3	4	03
17	0020	08	01	34	247	26	70				3	4	03
17	0030	08	23	34	377	26	77				3	4	03
17	0040	08	25	34	450	26	83				3	4	03
17	0050	08	49	34	621	26	92				3	4	03
17	0060	08	45	34	684	26	97				3	4	03
17	0070	08	18	34	829	27	14				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 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 0222

17	0080	07	79		35	025		27	34				3	4	03
17	0090	07	80		35	038		27	35				3	4	03
17	0100	07	60		35	106		27	43				3	4	03
17	0125	07	36		35	114		27	48				3	4	03
17	0150	06	70		35	124		27	56				3	4	03
17	0175	06	49		35	122		27	60				3	4	03
17	0200	06	20		35	136		27	65				3	4	03
17	0275	05	52		35	093		27	70				3	4	03

77	13	0223	58	16	0	10	11	66	12	15	19	2	8	2	0
		0410	-00	5				05	12		008				

20	0000	07	17		33	216		26	03				3	4	03
20	0005	07	19		33	226		26	03				3	4	03
20	0010	07	59		33	453		26	14				3	4	03
20	0015	07	70		33	734		26	34				3	4	03
20	0020	07	71		33	737		26	34				3	4	03
20	0030	07	91		34	022		26	54				3	4	03
20	0040	08	03		34	540		26	92				3	4	03
20	0050	08	22		34	617		26	96				3	4	03
20	0060	08	05		34	748		27	09				3	4	03
20	0070	07	75		34	939		27	28				3	4	03
20	0080	07	36		35	075		27	45				3	4	03
20	0090	07	38		35	094		27	45				3	4	03
19	0100	07	04		35	080		27	49				3	4	03
19	0125	06	81		35	053		27	50				3	4	03
19	0150	06	70		35	078		27	54				3	4	03
19	0175	06	73		35	085		27	54				3	4	03
19	0200	06	44		35	116		27	60				3	4	03
19	0250	06	17		35	130		27	64				3	4	03
19	0300	05	87		35	125		27	69				3	4	03
19	0400	05	43		35	092		27	71				3	4	03

77	13	0224	58	24	0	09	46	66	12	15	22	2	8	2	0
		0640	00					09	08		000				

23	0000	07	51		34	449		26	94				3	4	03
23	0005	07	53		34	449		26	93				3	4	03
23	0010	07	56		34	454		26	93				3	4	03
23	0015	07	58		34	460		26	94				3	4	03
23	0020	07	63		34	481		26	94				3	4	03
23	0030	07	72		34	603		27	02				3	4	03
23	0040	07	69		34	711		27	10				3	4	03
23	0050	07	63		35	020		27	37				3	4	03
23	0060	07	31		35	063		27	45				3	4	03
23	0070	07	06		35	092		27	49				3	4	03
23	0080	06	92		35	074		27	50				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 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 0224

23 0090	06 79			35 085		27 53						3 4 03			
22 0100	06 72			35 080		27 54						3 4 03			
22 0125	06 61			35 099		27 56						3 4 03			
22 0150	06 24			35 115		27 63						3 4 03			
22 0200	05 75			35 109		27 69						3 4 03			
22 0300	05 42			35 096		27 72						3 4 03			
22 0400	05 03			35 055		27 74						3 4 03			
22 0500	04 60			35 006		27 75						3 4 03			
22 0600	04 22			34 952		27 74						3 4 03			

77 13 0225	58 11	0	09 30	66 12		16	01	2 8 2 0							
0645	-00 5			05 10			022								

02 0000	07 57			33 941		26 52	06 42					3 3 03			
02 0005	07 59			33 951		26 53						3 3 03			
02 0010	07 63			33 946		26 52	06 53					3 3 03			
02 0015	07 64			33 945		26 52						3 3 03			
02 0020	07 68			33 957		26 53	06 41					3 3 03			
02 0030	07 89			34 317		26 78	06 37					3 3 03			
02 0040	07 88			34 590		26 99	06 16					3 3 03			
02 0050	07 93			34 723		27 08	05 84					3 3 03			
02 0060	07 78			35 035		27 36	05 54					3 3 03			
02 0070	07 27			35 070		27 46	05 61					3 3 03			
02 0080	07 07			35 088		27 50	05 46					3 3 03			
02 0090	06 78			35 071		27 52	05 54					3 3 03			
01 0100	06 66			35 116		27 56	05 55					3 3 03			
01 0125	06 54			35 040		27 53	05 58					3 3 03			
01 0150	06 45			35 106		27 59	05 64					3 3 03			
01 0200	06 43			35 127		27 62	05 67					3 3 03			
01 0300	05 83			35 169		27 73	05 83					3 3 03			
01 0400	05 50			35 100		27 70	06 15					3 3 03			
01 0500	04 90			35 040		27 73	06 23					3 3 03			
01 0600	04 50			34 989		27 74	06 30					3 3 03			

"Thetis"

Chemical Observations

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 0003

14 0040	06 06	19 52	0 69	06
14 0050	06 25	19 67	0 67	06
14 0060	06 63	19 81	0 84	06
14 0070	06 68	19 92	1 11	06
14 0080	06 66	19 92	1 12	06

77 13 0004 57 52 0 11 21 966 01 24 14 0064

14 0000	-01 18	13 44	0 67	06
14 0005	-01 17	13 49	0 54	06
14 0010	-00 12	15 13	0 74	06
14 0015	01 72	17 46	0 91	06
14 0020	02 15	18 12	0 77	06
14 0030	05 31	19 21	0 63	06
14 0040	06 15	19 52	0 73	06
14 0050	06 38	19 67	0 74	06
14 0060	06 65	19 91	1 31	06

77 13 0005 57 51 0 11 15 966 01 24 15 0074

15 0000	-01 16	13 28	0 68	06
15 0005	-01 19	13 28	0 87	06
15 0010	-00 54	15 99	0 62	06
15 0015	03 22	18 36	0 81	06
15 0020	04 53	18 85	1 01	06
15 0030	05 74	19 37	1 03	06
15 0040	06 20	19 59	1 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 13 0005

15 0050 06 44 19 67 1 11 06

15 0060 06 72 19 85 1 28 06

15 0070 06 74 19 85 1 50 06

77 13 0006 57 50 0 11 04 966 01 24 16 0051

16 0000 -01 07 13 58 0 50 06

16 0005 -01 15 13 61 0 48 06

16 0010 01 02 15 53 0 42 06

16 0015 02 92 17 25 0 54 06

16 0020 04 58 19 04 0 65 06

16 0030 05 23 19 36 0 65 06

16 0040 06 23 19 63 0 66 06

16 0050 06 22 19 64 0 78 06

77 13 0007 57 48 0 10 52 966 01 24 18 0055

18 0000 -01 21 13 89 0 58 06

18 0005 -01 08 15 05 0 53 06

18 0010 00 35 16 64 0 54 06

18 0015 03 66 18 60 0 59 06

18 0020 05 18 19 08 0 64 06

18 0030 05 61 19 42 0 62 06

18 0040 06 17 19 62 0 68 06

18 0050 19 79 0 64 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:E	1: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 0011

24 0040	05 16	19 48		0 68			06
24 0050	05 34	19 55		0 66			06
23 0060	05 51	19 60		0 66			06
23 0070	05 86	19 65		0 68			06
23 0080	06 20	19 72		0 66			06
23 0090	06 38	19 77		0 71			06
23 0100	06 19	19 77		0 72			06
23 0125	06 36	19 83		0 76			06
23 0150	06 68	19 91		1 09			06

77 13 0012 58 03 0 11 04 966 01 25 00 0125

01 0000	-01 16	14 09		0 53			06
01 0005	-00 12	15 66		0 61			06
01 0010	00 28	16 58		0 48			06
01 0015	03 71	18 56		0 54			06
01 0020	04 54	18 93		0 61			06
01 0030	05 77	19 42		0 67			06
01 0040	06 15	19 58		0 66			06
01 0050	06 44	19 68		0 68			06
00 0060	06 51	19 71		0 68			06
00 0070	06 52	19 78		0 83			06
00 0080	06 58	19 80		0 83			06
00 0090	06 66	19 83		0 90			06
00 0100	06 81	19 89		0 96			06
00 0120	06 76	19 91		1 09			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 0017

08 0030	02 77	18 56		0 70			06
08 0040	05 20	19 32		0 81			06
08 0048	06 20	19 63		0 89			06

77 13 0018 58 20 0 11 06 966 01 26 09 0056

09 0000	-01 19	13 93		0 53			06
09 0005	-01 34	14 25		0 60			06
09 0010	-01 24	14 99		0 59			06
09 0015	-01 10	15 71		0 62			06
09 0020	00 93	17 08		0 60			06
09 0030	03 02	18 73		0 66			06
09 0040	05 43	19 40		0 80			06
09 0050	06 00	19 55		0 86			06

77 13 0019 58 20 0 11 02 966 01 26 09 0079

09 0000	-01 30	14 46		0 53			06
09 0005	-01 34	14 72		0 51			06
09 0010	-01 10	15 23		0 49			06
09 0015	-00 35	16 02		0 58			06
09 0020	01 48	17 33		0 63			06
09 0030	05 07	19 01		0 63			06
09 0040	05 80	19 44		0 73			06
09 0050	06 15	19 60		0 89			06
09 0060	06 38	19 67		0 84			06
09 0070	06 71	19 86		0 88			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 0021

11 0070	06 21	19 76		0 63			06
11 0080	06 30	19 79		0 71			06
11 0090	06 07	19 78		0 60			06
11 0100	06 19	19 80		0 61			06

77 13 0022 58 16 0 10 44 966 01 26 13 0201

13 0000	-01 06	14 03		0 51			06
13 0005	-00 75	14 39		0 54			06
13 0010	00 59	15 84		0 58			06
13 0015	02 39	17 70		0 62			06
13 0020	04 50	18 98		0 61			06
13 0030	05 89	19 40		0 66			06
13 0040	05 92	19 49		0 76			06
13 0050	05 97	19 55		0 62			06
13 0060	05 72	19 61		0 64			06
13 0070	05 73	19 65		0 62			06
13 0080	06 07	19 72		0 76			06
13 0090	06 47	19 77		0 93			06
13 0100	06 42	19 80		0 77			06
13 0125	06 47	19 81		0 82			06
13 0150	06 76	19 87		0 88			06
13 0175	06 77	19 90		0 90			06
13 0190	06 82	19 91		0 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 μval/dm ³			
77 13 0023		58 15	0 10 34	966	01 26	14 0280				
15 0000		-00 32	15 97		0 66			06		
15 0005		00 53	16 26		0 63			06		
15 0010		03 15	18 34		0 66			06		
15 0015		04 56	19 20		0 66			06		
15 0030		04 98	19 41		0 66			06		
15 0040		05 30	19 55		0 68			06		
15 0050		05 20	19 59		0 65			06		
15 0060		05 11	19 58		0 71			06		
15 0070		05 31	19 61		0 71			06		
14 0080		05 27	19 61		0 71			06		
14 0090		05 27	19 61		0 74			06		
14 0100		05 27	19 61		0 71			06		
14 0125		05 73	19 67		0 83			06		
14 0150		05 56	19 70		0 89			06		
14 0175		06 21	19 79		0 89			06		
14 0200		06 71	19 97		0 95			06		
14 0250		06 82	19 91		1 06			06		
14 0270		06 82	19 92		1 09			06		
77 13 0024		58 16	0 10 11	966	01 26	17 0450				
17 0000		02 76	18 17		0 45			06		
17 0005		02 77	18 17		0 62			06		
17 0010		03 71	19 03		0 73			06		
17 0015		04 33	19 27		0 65			06		
17 0030		04 71	19 58					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 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 0024

17 0040	04 94	19 58	0 70	06
17 0050	05 44	19 64	0 90	06
17 0060	05 58	19 65	0 78	06
17 0070	05 66	19 65	0 76	06
17 0080	05 56	19 65	0 72	06
17 0090	05 71	19 68	0 77	06
17 0100	05 68	19 68	0 74	06
17 0125	05 75	19 70	0 77	06
17 0150	05 39	19 68	0 96	06
17 0175	06 09	19 78	1 06	06
17 0200	05 92	19 79	1 02	06
17 0250	06 34	19 86	1 09	06
17 0300	06 78	19 92	1 18	06
17 0400	06 27	19 94	1 23	06

77 13 0025 58 26 0 10 00 966 01 26 19 0550

20 0000	03 47	19 04	0 58	06
20 0005	03 50	19 04	0 72	06
20 0010	04 08	19 17	0 60	06
20 0015	04 29	19 25	0 51	06
20 0020	04 73	19 37	0 51	06
20 0030	05 45	19 62	0 62	06
20 0040	05 79	19 67	0 58	06
20 0050	05 85	19 68	0 51	06
20 0060	05 79	19 69	0 54	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 13 0025

20 0070	05 78	19 70			0 60			06
19 0080	05 69	19 69			0 66			06
19 0090	05 68	19 72			0 66			06
19 0100	05 64	19 73			0 68			06
19 0125	05 68	19 76			0 72			06
19 0150	05 92	19 79			0 60			06
19 0175	05 95	19 81			0 60			06
19 0200	05 84	19 82			0 54			06
19 0300	06 54	19 92			0 84			06
19 0400	06 30	19 92			0 84			06
19 0500	05 85	19 97			0 87			06

77 13 0036 57 54 0 11 32 966 03 29 13 0036

13 0000	02 18	13 11			0 22			06
13 0005	02 28	15 14			0 23			06
13 0010	02 33	16 03			0 21			06
13 0015	02 67	17 52			0 19			06
13 0020	02 78	18 49			0 42			06
13 0030	03 36				0 43			06

77 13 0037 57 53 0 11 25 966 03 29 13 0061

13 0000	02 10	13 67			0 25			06
13 0005	02 11	13 70			0 31			06
13 0010	02 73	18 06			0 48			06
13 0015	02 84	18 62			0 63			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 13 0037

13 0020	02 72	18 66		0 64			06
13 0030	02 80	18 75		0 43			06
13 0040	02 81	18 78		0 50			06
13 0050	03 18	18 93		0 47			06

77 13 0038 57 52 0 11 21 966 03 29 14 0064

14 0000	02 12	13 31		0 12			06
14 0005	02 33	15 99		0 12			06
14 0010	02 78	18 57		0 12			06
14 0015	02 76	18 61		0 38			06
14 0020	02 86	18 68		0 39			06
14 0030	02 83	18 74		0 50			06
14 0040	02 89	18 77		0 51			06
14 0050	02 92	18 79		0 52			06
14 0060	03 53	19 14		0 48			06

77 13 0039 57 52 0 11 18 966 03 29 15 0100

15 0000	02 24	13 50		0 17			06
15 0015	02 86	18 48		0 26			06
15 0020	02 94	18 53		0 37			06
15 0030	02 98	18 65		0 41			06
15 0040	02 96	18 82		0 47			06
15 0050	03 17	18 92		0 55			06
15 0060	03 24	19 05		0 47			06
15 0070	03 44	19 27		0 34			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 0039

15 0080 03 60 19 36 0 48 06

15 0090 03 82 19 41 0 43 06

77 13 0040 57 51 0 11 15 966 03 29 15 0075

15 0000 02 41 13 53 0 47 06

15 0005 02 86 18 42 0 22 06

15 0010 02 88 18 45 0 24 06

15 0015 02 91 18 46 0 28 06

15 0020 02 95 18 55 0 48 06

15 0030 03 09 18 68 0 35 06

15 0040 03 09 18 86 0 57 06

15 0050 03 17 18 95 0 51 06

15 0060 03 21 19 08 0 59 06

15 0070 03 45 19 22 2 50 06

77 13 0041 57 50 0 11 04 966 03 29 16 0048

16 0000 02 77 17 96 0 11 06

16 0005 02 66 18 50 0 11 06

16 0010 02 95 18 73 0 37 06

16 0015 02 82 18 78 0 40 06

16 0020 02 94 18 89 0 52 06

16 0030 03 01 18 97 0 46 06

16 0040 03 24 19 07 0 46 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 13 0051

10 0010	02 92		18 43			0 16			06
10 0015	02 96		18 76			0 23			06
10 0020	02 86		18 81			0 30			06
10 0030	03 17		18 89			0 30			06
10 0040	03 48		19 08			0 31			06
10 0050	03 61		19 19			0 34			06

77 13 0052 58 20 0 11 06 966 03 30 10 0057

10 0000	02 35		13 55			0 11			06
10 0005	02 91		18 59			0 23			06
10 0010	02 83		18 80			0 55			06
10 0015	02 96		18 81			0 49			06
10 0020	02 82		18 81			0 48			06
10 0030	02 86		18 81			0 48			06
10 0040	03 60		19 16			0 38			06
10 0050	03 64		19 21			0 41			06

77 13 0053 58 20 0 11 02 966 03 30 11 0079

11 0000	02 52		13 28			0 11			06
11 0005	02 79		18 71			0 34			06
11 0010	02 89		18 82			0 48			06
11 0015	02 90		18 83			0 57			06
11 0020	02 88		18 84			0 49			06
11 0030	03 58		19 29			0 46			06
11 0040	03 46		19 30			0 49			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 0053

11 0050	03 50		19 30		0 49			06
11 0060	03 50		19 31		0 46			06
11 0070	03 55		19 34		0 48			06

77 13 0054 58 19 0 10 57 966 03 30 12 0112

12 0000	02 73		13 92		0 11			06
12 0005	02 69		18 50		0 16			06
12 0010	02 78		18 81		0 43			06
12 0015	03 37		18 95		0 33			06
12 0020	03 52		19 09		0 36			06
12 0030	03 28		19 34		0 43			06
12 0040	03 28		19 37		0 50			06
12 0050	04 15		19 49		0 37			06
12 0060	04 21		19 59		0 37			06
12 0070	04 16		19 63		0 37			06
12 0080	04 16		19 64		0 38			06
12 0090	04 15		19 64		0 38			06
12 0100	04 16		19 67		0 39			06

77 13 0055 58 18 0 10 51 966 03 30 13 0145

13 0000	02 92		14 44		0 01			06
13 0005	03 27		18 93		0 20			06
13 0010	03 41		19 10		0 21			06
13 0015	03 52		19 13		0 14			06
13 0020	03 40		19 16		0 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 13 0055

13 0030	03 82	19 50		0 37			06
13 0040	04 13	19 63		0 37			06
13 0050	04 13	19 65		0 55			06
13 0060	04 12	19 69		0 57			06
13 0070	04 24	19 69		0 57			06
13 0080	03 88	19 70		0 46			06
13 0090	04 46	19 79		0 48			06
13 0100	04 59	19 81		0 46			06
13 0125	04 48	19 81		0 46			06

77 13 0056 58 16 0 10 44 966 03 30 14 0204

15 0000	03 69	17 89		0 16			06
15 0005	03 44	19 06		0 13			06
15 0010	03 45	19 15		0 07			06
15 0015	03 52	19 19		0 24			06
15 0020	03 64	19 46		0 39			06
15 0030	04 02	19 67		0 52			06
15 0040	03 94	19 69		0 47			06
15 0050	03 98	19 70		0 46			06
15 0060	03 94	19 71		0 43			06
15 0070	03 97	19 72		0 52			06
14 0080	03 99	19 73		0 59			06
14 0090	04 00	19 76		0 62			06
14 0100	04 20	19 76		0 59			06
14 0125	04 20	19 78		0 59			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 0056

14	0150	04 34	19 79		0 63			06
14	0175	04 35	19 80		0 64			06
14	0190	04 35	19 80		0 61			06

77 13 0057 58 15 0 10 34 966 03 30 16 0270

17	0000	03 12	16 57		0 20			06
17	0005	03 30	18 32		0 17			06
17	0010	03 43	19 08		0 32			06
17	0015	03 44	19 20		0 31			06
17	0020	03 41	19 26		0 37			06
17	0030	05 24	19 73		0 78			06
17	0040	05 36	19 86		0 85			06
17	0050	04 87	19 84		0 72			06
17	0060	04 31	19 80		0 74			06
17	0070	04 31	19 80		0 64			06
16	0080	04 22	19 80		0 62			06
16	0090	04 18	19 79		0 62			06
16	0100	04 15	19 79		0 61			06
16	0125	04 49	19 81		0 71			06
16	0150	04 57	19 83		0 71			06
16	0175	05 37	19 90		0 78			06
16	0200	05 48	19 91		0 78			06
16	0250	05 13	19 87		0 85			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 0059

23 0015	02 61	18 71			0 07			06
23 0020	02 44	18 82			0 20			06
23 0030	03 34	19 36		318	0 59			06
23 0040	04 17	19 52			0 56			06
23 0050	04 54	19 58		300	0 59			06
23 0060	04 63	19 61			0 69			06
23 0070	04 58	19 62		297	0 63			06
23 0080	04 96	19 67			0 63			06
23 0090	05 85	19 78		278	0 66			06
23 0115	06 29	19 83			0 74			06
23 0140	05 86	19 82		278	0 75			06
23 0190	05 89	19 86		271	0 83			06
23 0290	06 21	19 93		260	0 91			06
23 0390	05 77	19 91		260	0 92			06
23 0490	05 44	19 91		299	0 83			06
23 0590	03 75	19 80		321	0 78			06

77 13 0060 58 22 0 11 23 966 04 01 08 0022

08 0000	02 34	14 64		374	0 19			06
08 0005	02 27	14 87			0 15			06
08 0010	02 35	15 27		376	0 11			06
08 0015	02 33	16 09			0 20			06
08 0020	02 59	18 21		308	0 55			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	0061	58 22	0	11 26	966	04 01	09	0024				
	09	0000	02 41		14 57	370	0 20						06
	09	0005	02 24		14 58		0 20						06
	09	0010	02 28		14 66	370	0 21						06
	09	0015	02 38		16 17		0 20						06
	09	0020	02 69		18 45	314	0 54						06
77	13	0062	58 19	0	11 22	966	04 01	10	0034				
	10	0000	02 21		14 84	368	0 09						06
	10	0005	02 36		14 88		0 08						06
	10	0010	02 25		14 96	368	0 09						06
	10	0015	02 49		17 20		0 29						06
	10	0020	02 75		18 51	373	0 46						06
	10	0030	02 81		18 66	207	0 68						06
77	13	0063	58 16	0	11 26	966	04 01	11	0070				
	11	0000	02 26		14 36		0 16						06
	11	0005	02 35		14 40		0 22						06
	11	0010	02 18		15 65		0 22						06
	11	0015	02 41		17 39		0 38						06
	11	0020	02 55		18 35		0 50						06
	11	0030	02 99		18 78		0 63						06
	11	0040	03 46		18 92		0 69						06
	11	0050	04 90		19 23		1 04						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 0064		58 19	0 11 33	966	04 01	11 0119				
12 0000		02 27	14 44	375	0 18				06	
12 0005		02 14	14 41		0 23				06	
12 0010		02 15	15 26	360	0 24				06	
12 0015		02 09	16 89		0 33				06	
12 0025		02 82	18 59	299	0 66				06	
12 0035		03 36	18 79		0 85				06	
12 0045		04 58	19 09	249	1 40				06	
11 0060		05 75	19 52	247	0 97				06	
11 0070		05 85	19 55	239	0 98				06	
11 0080		05 68	19 55	256	1 12				06	
11 0090		05 71	19 56	257	1 03				06	
11 0100		05 67	19 56	248	1 24				06	
11 0110		05 66	19 56	240	1 37				06	
77 13 0075		58 14	0 11 35	966	04 05	09 0043				
09 0000		02 25	09 35	438	0 19				06	
09 0005		01 85	12 34	342	0 18	8 50			06	
09 0010		02 63	14 90	221	1 00	8 08			06	
09 0015		04 56	15 80	071	2 20	7 73			06	
09 0020		05 03	16 04	021	2 50	7 35			06	
09 0025		05 15	16 12	014	3 25	7 28			06	
09 0030		05 28	16 16	015	3 30	7 24	2340		06	
09 0035		05 30	16 18	015	3 35	7 22			06	
09 0040		05 36	16 19	018	3 60	7 22	2330		06	
						7 22	2370			

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 0078

12 0030 04 68 18 44 221 1 51 06

12 0040 04 66 18 55 187 1 95 7 94 06

7 89

77 13 0079 58 20 0 11 53 966 04 05 13 0049

13 0000 02 57 03 45 415 1 00 06

13 0005 01 46 12 14 333 0 57 7 72 06

13 0010 02 56 14 90 207 1 49 8 00 06

13 0015 06 61 16 76 028 3 60 7 67 06

13 0020 06 57 17 04 000 8 80 7 38 06

13 0030 06 05 17 45 000 7 41 06

13 0040 06 01 17 48 000 7 21 06

13 0045 06 01 17 49 000 7 22 06

7 22

77 13 0190 57 54 0 11 32 966 12 12 13 0037

13 0000 04 77 11 99 0 30 06

13 0005 05 25 12 50 0 36 06

13 0010 06 35 14 31 0 34 06

13 0015 07 01 16 40 0 56 06

13 0020 07 42 17 68 0 59 06

13 0030 07 55 18 43 0 74 06

13 0035 07 66 18 54 0 72 06

77 13 0191 57 53 0 11 25 966 12 12 13 0065

13 0000 04 39 14 37 0 48 06

13 0005 05 24 17 13 0 66 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 13 0193

14	0040	07 23	18 43		0 78			06
14	0050	07 47	18 51	286	0 87			06
14	0060	07 97	18 88	278	0 67			06
14	0070	08 33	19 00	280	0 61			06
14	0080	08 74	19 16	276	0 59			06
14	0090	08 88	19 23	268	0 57			06

77 13 0194 57 51 0 11 15 966 12 12 15 0070

15	0000	05 26	15 49		0 65			06
15	0005	07 24	17 42		0 67			06
15	0010	06 28	17 81		0 95			06
15	0015	05 34	17 77		0 88			06
15	0020	06 76	18 01		1 04			06
15	0030	07 02	18 26		0 84			06
15	0050	07 58	18 65		0 62			06
15	0060	08 22	18 96		0 70			06

77 13 0195 57 50 0 11 04 966 12 12 16 0050

16	0000	05 29	16 56		0 55			06
16	0005	07 11	17 74		0 67			06
16	0010	06 97	18 00		0 77			06
16	0015	07 01	18 11		0 77			06
16	0020	07 46	18 31		0 85			06
16	0030	07 45	18 50		0 79			06
16	0040	08 59	19 21		0 85			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														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	0196	57	48	0	10	52	966	12	12	17	0054											
	17	0000	05	23		17	15				0	86										06	
	17	0005	05	54		17	60				0	92										06	
	17	0010	06	26		17	79				1	02										06	
	17	0015	06	27		17	83				0	93										06	
	17	0020	06	09		17	85				0	91										06	
	17	0030	07	88		18	23				0	76										06	
	17	0040	09	00		18	89				0	74										06	
	17	0050	09	24		19	39				0	85										06	
77	13	0197	57	48	0	10	42	966	12	12	18	0080											
	18	0000	06	25		17	72				0	99										06	
	18	0010	06	17		17	72				1	00										06	
	18	0015	06	18		17	74				1	00										06	
	18	0020	06	37		17	96				0	98										06	
	18	0030	07	94		18	92				0	78										06	
	18	0040	09	03		19	43				0	63										06	
	18	0050	09	27		19	50				0	58										06	
	18	0060	09	28		19	52				0	60										06	
	18	0070	09	34		19	55				0	74										06	
77	13	0198	57	54	0	11	32	966	12	13	08	0037											
	08	0000	05	36		13	59				0	46										06	
	08	0005	05	49		13	60				0	41							8	05		06	
	08	0010	05	30		14	06				0	52							8	09		06	
	08	0015	06	30		17	05				0	81							8	09		06	
																			8	08			

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 0201

11 0015	07 70		16 99		0 83			06
						8 13		
11 0020	07 74		17 62	273	0 83			06
						8 12		
11 0025	07 78		17 91	271	0 86			06
						8 12		

77 13 0202

58 08	0 11 50	966	12 13	11 0027				
11 0000	04 57		12 67	302	0 53			06
						8 11		
11 0005	04 89		12 74		0 56			06
						8 08		
11 0010	07 86		15 81	259	0 69			06
						8 09		
11 0015	07 90		16 27		0 70			06
						8 10		
11 0020	07 82		16 42		0 74			06
						8 11		
11 0025	07 83		16 54	265	0 77			06
						8 10		

77 13 0203

58 11	0 11 51	966	12 13	12 0022				
12 0000	04 54		12 25	309	0 38			06
						8 11		
12 0005	04 52		12 30		0 45			06
						8 08		
12 0010	05 14		12 65	297	0 49			06
						8 08		
12 0015	07 63		14 93		0 80			06
						8 02		
12 0020	08 96		16 08	193	1 14			06
						7 97		

77 13 0204

58 16	0 11 49	966	12 13	13 0028				
13 0000	03 91		11 94		0 59			06
						8 08		
13 0005	04 06		11 94		0 38			06
						8 08		
13 0010	05 21		12 53	039				06
						8 06		
13 0015	08 06		14 93		0 88			06
						7 99		
13 0020	10 02		16 91		1 31			06
						7 92		

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:E+W	1:E+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 0204

13 0025 09 46 17 60 150 1 68 7 91 06

77 13 0205

13 0000 04 83 12 01 306 0 25 8 07 06

13 0005 04 80 12 03 0 29 8 04 06

13 0010 05 64 12 65 290 0 28 8 05 06

13 0015 09 26 15 14 0 92 7 89 06

13 0020 10 11 16 67 112 1 36 7 82 06

13 0030 06 50 17 92 023 3 72 7 54 06

13 0038 05 18 18 14 004 13 60 7 47 06

77 13 0206

14 0000 05 00 11 89 292 0 23 8 07 06

14 0005 05 02 11 95 292 0 21 8 09 06

14 0010 09 06 14 02 128 0 72 7 80 06

14 0015 07 85 16 33 003 6 38 7 47 06

14 0020 05 93 17 04 13 90 7 46 06

14 0025 06 06 17 26 7 37 06

14 0030 06 06 17 41 7 33 06

14 0040 06 02 17 47 7 31 06

77 13 0207

08 0000 03 88 11 85 316 0 69 8 05 06

08 0005 03 90 11 85 0 60 8 10 06

08 0010 04 18 11 96 304 0 57 8 09 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 0207

08 0015	08 15		14 40					06
						7 62		
08 0020	05 97		15 90					06
						7 36		
08 0030	05 04		16 07	004	3 72			06
						7 36		
08 0040	04 95		16 07	004	3 40			06
						7 34		
08 0050	04 84		16 09	004	4 30			06
						7 33		

77 13 0208

58 15	0 11 38	966	12 14	08 0058				
08 0000	03 80	11 93	316	0 57				06
						8 07		
08 0005	03 83	11 93		0 57				06
						8 12		
08 0010	03 81	11 97		0 48				06
						8 08		
08 0015	08 10	15 00	029	1 59				06
						7 48		
08 0020	05 49	15 99		3 95				06
						7 35		
08 0030	05 07	16 07	004	3 86				06
						7 36		
08 0040	05 02	16 07	002	3 86				06
						7 35		
08 0050	04 99	16 07	003	3 88				06
						7 36		

77 13 0209

58 14	0 11 35	966	12 14	09 0041				
09 0000	03 78	11 98	314	0 60				06
						7 95		
09 0005	03 78	11 98		0 52				06
						8 05		
09 0010	03 82	11 99	312	0 49				06
						8 03		
09 0015	06 69	13 87		1 23				06
						7 72		
09 0020	05 37	16 00	000	3 78				06
						7 32		
09 0025	05 13	16 06	002	3 72				06
						7 29		
09 0030	05 05	16 07	000	3 63				06
						7 31		
09 0038	05 01	16 08	001	3 72				06
						7 30		

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 1 2 3	0 1 2 3	0:N+E 1:N+W 2:S+E 3:S+W	0 1 2 3	0 1 2 3								0 1 2 3	0 1 2 3	0 1 2 3	0 1 2 3	0 1 2 3	Nitrate-N μg.-atoms/dm ³	
77	13	0210	58	16	0	11	22	966	12	14	10	0054										
	10	0000	07	09		16	82			0	63								7	99		06
	10	0005	07	16		17	01			0	59								8	05		06
	10	0010	07	80		18	43			0	81								8	04		06
	10	0015	08	07		18	76			0	77								8	07		06
	10	0020	08	54		19	04			0	67								8	09		06
	10	0030	08	91		19	25			0	71								8	10		06
	10	0040	09	07		19	29	268		0	65								8	11		06
77	13	0211	58	16	0	11	26	966	12	14	11	0065										
	11	0000	07	14		16	29			0	54								8	15		06
	11	0005	07	22		16	49			0	53								8	14		06
	11	0010	07	46		17	37			0	58								8	14		06
	11	0015	07	42		18	29			0	69								8	15		06
	11	0020	07	94		18	51			0	76								8	16		06
	11	0030	08	27		18	84			0	79								8	14		06
	11	0040	08	50		19	02			0	74								8	14		06
	11	0050	08	60		19	08			0	71								8	13		06
77	13	0212	58	19	0	11	33	966	12	14	12	0119										
	13	0000	06	94		15	99	275		0	50								8	12		06
	13	0005	07	72		16	57			0	50								8	13		06
	13	0010	09	18		18	10	242		0	70								8	11		06
	13	0015	08	66		18	23			0	67								8	12		06
	13	0020	09	11		18	49			0	80								8	11		06
	13	0030	08	30		18	68	266		0	79								8	13		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: E+W	1: E+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 0212

13 0040	08 30	18 83			0 79			06
13 0050	08 47	19 00		245	0 94	8 13		06
12 0060	06 84	19 28		176	1 52	8 10		06
12 0070	05 15	19 40		150	1 90	7 99		06
12 0080	04 88	19 41		145	2 10	7 89		06
12 0090	04 85	19 44		146	2 09	7 86		06
12 0100	04 81	19 44		135	2 38	7 84		06
12 0110	04 81	19 46		119	2 60	7 79		06
						7 74		

77 13 0213

58 22	0 11 26	966	12 15	07 0025				
07 0000	07 12	17 95	0 84					06
07 0005	07 01	17 95	0 84		8 12			06
07 0010	07 80	18 37	0 85		8 14			06
07 0015	08 32	18 89	0 84		8 14			06
07 0022	08 84	19 26	262	0 79	8 16			06
					8 14			

77 13 0214

58 19	0 11 22	966	12 15	08 0033				
08 0000	06 42	17 38	0 78					06
08 0005	06 61	17 45	0 74		8 14			06
08 0010	06 91	17 84	0 88		8 15			06
08 0015	08 05	18 78	0 77		8 14			06
08 0020	08 87	19 25	0 71		8 13			06
08 0030	09 02	19 31	266	0 64	8 14			06
					8 13			

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:E	1: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 0217

11 0048 09 13 19 46 0 67 06

77 13 0218 58 20 0 11 02 966 12 15 12 0085

12 0000 06 58 17 32 0 58 06

12 0005 06 95 17 51 0 67 06

12 0010 06 97 17 68 0 63 06

12 0015 07 07 17 73 0 60 06

12 0020 07 35 18 11 0 74 06

12 0030 08 01 18 54 0 71 06

12 0040 08 23 18 83 0 75 06

12 0050 08 48 19 13 0 72 06

12 0060 08 98 19 46 0 72 06

12 0070 08 87 19 60 0 71 06

77 13 0219 58 19 0 10 57 966 12 15 13 0118

13 0000 06 14 16 97 0 72 06

13 0005 06 21 16 99 0 64 06

13 0010 06 25 17 07 0 79 06

13 0015 06 95 17 52 0 81 06

13 0020 07 45 18 30 0 95 06

13 0030 07 73 18 48 0 91 06

13 0040 07 94 18 75 0 88 06

13 0050 08 30 19 00 0 86 06

13 0060 08 54 19 27 0 77 06

13 0070 08 92 19 42 0 86 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 0219

13 0080	08 80		19 60			0 78		06
13 0090	08 41		19 71			0 91		06
13 0100	07 63		19 83			1 07		06
13 0110	07 50		19 85			1 14		06

77 13 0220 58 18 0 10 51 966 12 15 14 0130

14 0000	05 02		15 93			0 47		06
14 0005	05 01		15 93			0 39		06
14 0010	05 27		16 09			0 46		06
14 0015	07 52		18 17			0 55		06
14 0020	07 94		18 67			0 58		06
14 0030	08 32		18 98			0 60		06
14 0040	08 52		19 23			0 57		06
14 0050	08 94		19 44			0 49		06
14 0060	09 08		19 50			0 45		06
14 0070	09 30		19 56			0 49		06
14 0080	09 01		19 59			0 49		06
14 0090	09 07		19 63			0 50		06
14 0100	08 99		19 65			0 47		06
14 0125	07 84		19 79			0 79		06

77 13 0221 58 16 0 10 44 966 12 15 15 0190

16 0000	04 88		16 34			0 52		06
16 0005	04 87		16 36			0 25		06
16 0010	08 51		19 15			0 27		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 0221

16 0015	08 82		19 29		0 30			06
16 0020	09 19		19 42		0 30			06
16 0030	09 28		19 52		0 29			06
16 0040	09 21		19 53		0 25			06
16 0050	09 27		19 57		0 32			06
16 0060	09 30		19 60		0 33			06
16 0070	09 33		19 64		0 36			06
15 0080	08 85		19 66		0 47			06
15 0090	08 66		19 71		0 47			06
15 0100	08 33		19 75		0 44			06
15 0125	07 94		19 82		0 66			06
15 0150	07 69		19 86		0 59			06
15 0175	06 63		19 91		0 55			06

77 13 0222 58 15 0 10 34 966 12 15 17 0290

17 0000	06 23		18 35		0 47			06
17 0005	07 31		18 94		0 34			06
17 0010	07 54		19 06		0 42			06
17 0015	07 83		19 26		0 35			06
17 0020	08 01		19 42		0 37			06
17 0030	08 23		19 49		0 47			06
17 0040	08 25		19 53		0 54			06
17 0050	08 49		19 63		0 56			06
17 0060	08 45		19 67		0 47			06
17 0070	08 18		19 76		0 63			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	0:N+E	1:N+W						
			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						
			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 0223

19 0175	06 73	19 90	0 93					06
19 0200	06 44	19 92	0 92					06
19 0250	06 17	19 92	1 00					06
19 0300	05 87	19 92	1 04					06
19 0400	05 43	19 90	1 12					06

77 13 0224 58 24 0 09 46 966 12 15 22 0640

23 0000	07 51	19 53	0 55					06
23 0005	07 53	19 53	0 51					06
23 0010	07 56	19 53	0 53					06
23 0015	07 58	19 53	0 56					06
23 0020	07 63	19 55	0 56					06
23 0030	07 72	19 62	0 61					06
23 0040	07 69	19 68	0 61					06
23 0050	07 63	19 86	0 84					06
23 0060	07 31	19 88	0 91					06
23 0070	07 06	19 90	0 90					06
23 0080	06 92	19 89	0 91					06
23 0090	06 79	19 90	0 90					06
22 0100	06 72	19 90	1 21					06
22 0125	06 61	19 91	1 12					06
22 0150	06 24	19 92	0 96					06
22 0200	05 75	19 91	0 97					06
22 0300	05 42	19 91	0 95					06
22 0400	05 03	19 88	0 87					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								
			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 0224

22 0500 04 60 19 86 0 92 06

22 0600 04 22 19 82 0 94 06

77 13 0225 58 11 0 09 30 966 12 16 01 0645

02 0000 07 57 19 23 287 0 86 06

8 20

02 0005 07 59 19 24 0 70 06

8 19

02 0010 07 63 19 24 292 0 72 06

8 18

02 0015 07 64 19 23 0 67 06

8 18

02 0020 07 68 19 25 286 0 65 06

8 18

02 0030 07 89 19 46 284 0 58 06

8 18

02 0040 07 88 19 61 275 0 43 06

8 14

02 0050 07 93 19 69 261 0 65 06

8 12

02 0060 07 78 19 87 247 0 76 06

8 11

02 0070 07 27 19 89 250 0 87 06

8 13

02 0080 07 07 19 90 244 0 95 06

8 12

02 0090 06 78 19 89 247 0 95 06

8 11

01 0100 06 66 19 92 248 0 98 06

8 03

01 0125 06 54 19 87 249 0 91 06

8 06

01 0150 06 45 19 91 252 0 95 06

8 08

01 0200 06 43 19 92 253 0 98 06

8 09

01 0300 05 83 19 96 260 1 07 06

8 09

01 0400 05 50 19 91 275 0 96 06

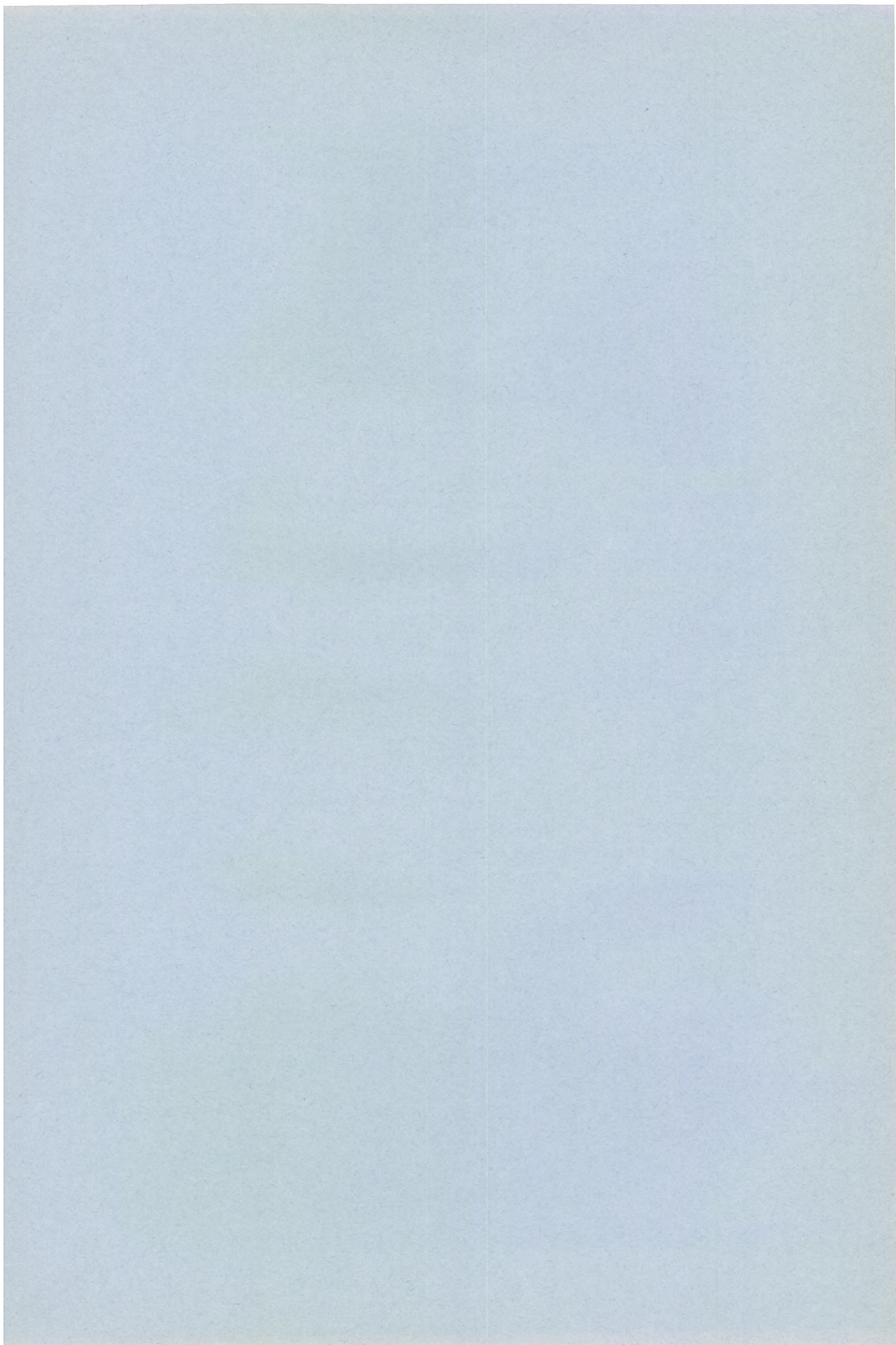
8 11

01 0500 04 90 19 87 278 0 99 06

8 11

01 0600 04 50 19 85 281 1 00 06

8 09



—