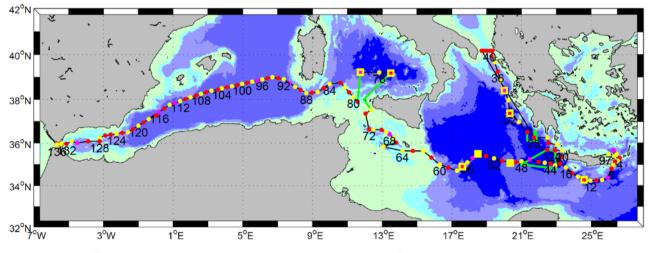
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# Short Cruise Report R/V MARIA S. MERIAN cruise MSM72

Iraklion, Greece – Cádiz, Spain 02.03.2018 – 03.04.2018 Chief Scientist: Dagmar Hainbucher Captain: Björn Maaß



## MSM72 Track

Yellow dots: CTD without any chemical sampling, red dots: CTD with chemical sampling, pink dots: CTD with chemical and additional sampling of isotopes, yellow squares: deployment of drifter and floats, green lines: fine resolved uCTD and ADCP tracks. Black lines: Track with uCTD casts between CTD stations.

## Objectives

The last few decades have seen dramatic changes in the hydrography and biogeochemistry of the Mediterranean Sea. The complex bathymetry, the highly variable spatial and temporal scales of atmospheric forcing and internal processes contribute to generate complex and unsteady circulation patterns and significant variability in biogeochemical systems. Part of this variability can be influenced by anthropogenic contributions. Consequently, there is a need to document its details as well as to understand ongoing trends in order to better relate the observed processes and to possibly predict the consequences of these changes. The main goal of the cruise was to contribute to the understanding of long-term changes and trends in physical and biogeochemical parameters, such as the anthropogenic carbon uptake and to still evaluate the hydrographical situation after the major climatological shifts in the eastern and western part of the basin, known as the Eastern and Western Mediterranean Transients. The following science questions were addressed:

- 1.What are the long-term changes and/or trends in physics and biogeochemistry in the Mediterranean Sea, including all the sub-basins?
- 2. How is the hydrographic situation in the Mediterranean developing further on after the EMT and WMT? Is there still a trend of the system to return to the pre-EMT situation and is there a similar trend in the WMed?
- 3.How are eddies distributed in the EMed and WMed during the cruise? Do they differ in the sub basins? To what extend is heat and salt transferred into the vertical by eddies in the WMed and EMed during the cruise?
- 4. What is the rate of uptake of the anthropogenic carbon in the Mediterranean and is this changing over time?
- 5. What is the magnitude of variability and trends in the inventory of biogechemical variables (including oxygen and nutrients)?
- 6.What is the base-line values of rarely measured Essential Ocean Variables (EOVs) such as DOC and  $N_2O$

## Narrative

The scientific crew embarked at around 9:00 am on March 1<sup>st</sup>. The ship then left the port of Heraklion at 9:30 in the evening to bunker fuel in Kali Limenes the next morning. In the early afternoon of March 2<sup>nd</sup> we finally started our transfer to our first CTD station in the coastal area northeast of Crete. Unfortunately, this was not the first station we planned for the cruise. In view of the territorial ambiguities in parts of the work area, which only became clear shortly before the start of the cruise, the station plan was modified and adapted and we cancelled all stations east of our new first station.

During transfer and during bunkering we already unpacked our equipment and started to install the instruments. However, some of us had to stay in bed because of a cold with a feverish course. We received our mandatory safety briefing shortly after embarking and a safety exercise on the next day in which we also had to board the lifeboat. Everything went well and the scientific crew started to feel comfortable on board. On March 2<sup>nd</sup> at 10:30 pm we began with the station work. We started with CTD stations north-east of Crete in the Aegean Sea, carried out CTD stations in the Strait of Kasos, and then moved south of Crete to the west into the Ionian Basin. Along the Strait of Antikythera we steamed northwards in the height of the Peloponnese. Our main program was taking CTD casts. The biogeochemists took water samples from several depths to determine different parameters (nutrients, oxygen, inorganic carbon, etc.). We took biogeochemical samples in about every second station, because the laboratory analysis is sometimes very time-

consuming. At a few stations, the CTD was run twice in order to cover the demand for water for the additional isotope measurements. The deepest CTD station was station 23 with 4528 m water depth which we reached on the 8th of March. From station 15 (05.03.2018 early morning) onwards, we additionally took underway CTD measurements between the CTD stations. During these measurements we reduced the ship's speed to about 3 knots, so that we could reach depths between 600 - 800 m with the uCTD. On station 13 on 4<sup>th</sup> of March at around 20:30 UTC we deployed the first ARVOR float and a surface drifter. After station 21 on the 7<sup>th</sup> of March early morning, we interrupted our CTD work in order to investigate eddies for the first time on our cruise with fine resolved measurements. For this purpose, the uCTD was run about every hour, the ship speed between the stations was about 8 nm, while during uCTD measurements it was reduced to 3 nm. The route was determined using maps of dynamic topographies. Another "eddy track" followed after station 28 on the 10<sup>th</sup> of March. On these sections we were especially interested in the continuous ship's ADCP measurements, which we hope will help us to recognize eddies also in their vertical extension. Our northernmost stations were in the Strait of Otranto which we reached on the 12<sup>th</sup> of March in the afternoon. The section through the Strait of Otranto is repeatedly taken on cruises by us, as the Adriatic Sea is the most important producer of deep water in the Ionian Basin and we are interested in the changes in the outflow of deep water over long time scales. After this northernmost section a long transit route followed back to our section across the Mediterranean Sea, which we resumed with station 44 on the 14<sup>th</sup> of March west of Crete. On the transit, we continued to continuously collect data with the ADCP and ran an uCTD approximately every two hours. Additionally, we had some time to visit the ship's engine. On stations 50 (15.03.2018 23:30 UTC), 54 (16.03.2018, 20:00 UTC) and 56 (17.03.2018 07:30 UTC) surface drifters and additionally an ARVOR float (station 56) were deployed. At station 34 (11.03.2018 23:00 UTC) we dropped the only PROVOR BIO float.

Unfortunately, we had to contend with considerable technical problems with the CTD. On Monday, March 6 at 22:00, station 18, the rosette returned on deck with 2 missing and 3 broken Niskin bottles. First of all, we suspected an operating error when clamping one or more bottles. But then the release unit also stopped working. From now on, none of the bottles could be closed electronically in the water. So we swapped plugs, cables and devices. We first drove our own CTD and rosette and finally the CTD and rosette of the ship. But nothing helped. We also exchanged the winches. It turned out that the errors were caused by the defective releaser unit of our rosette and by the termination of the winches. Communication with the release unit was interrupted during tension and movement. On the next station everything worked fine, but on station 24 (09.03.2018) 09:30 UTC) some of the bottles did not close again, and this time there were also faulty data transfers. We replaced the ship's CTD to its backup CTD. CTD operation ran then smoothly for some stations with the ship's own rosette and CTD. But on the evening of March 14, both oxygen sensors showed only noisy profiles from approx. 1000 m on, combined with a sudden offset. Now everything started again from the beginning, we exchanged cables, sensors and even the winches again. But all this did not help here either. Finally we decided to connect our CTD including sensors with the ship's own rosette. But for this we had to build an adapter cable, because the rosette of the ship uses different plugs (Subconn) than for our CTD (Seacon).

On the 15<sup>th</sup> of March 06:00 UTC station 47, we placed our CTD in a deep sea brine pool on a depth of 3528 m. These brines contain hydrogen sulphide and the water samples brought along smell accordingly when they arrived on deck. The laboratories were ventilated long after the event. Probably we came across the "l'Atalante Basin".

The weather has blown up since 17<sup>th</sup> of March. Again and again smaller strong wind events with up to 9Bft took place during which we had to suspend the uCTD work. However, the CTD stations could be carried out as planned. On Monday, 19.03.2018, we

had a seminar in which we discussed the state of work and presented first results of the cruise. The next day we started a fine resolving ADCP track on the Sicily shelf. The area was too flat and the swell too high to take uCTD profiles additionally. Now that more than half of our cruise was over, we celebrated this in the evening of the same day.

We entered the western basin of the Mediterranean Sea during the night to the 21<sup>st</sup> of March and had stations in the Tyrrhenian Sea. Again, on station 75 and 76, we were facing technical problems with the rosette but the problem was quickly solved. We deployed another float on Wednesday, 21.03.2018, after station 75 and continued also with uCTD measurements. On Thursday, 22.03.2018, we dropped the last ARVOR float on this cruise on CTD station 77 and changed again the CTD due to technical problems. At 8:00 in the morning on the same day we started another fine resolving uCTD/ADCP section to track eddies. The weather was mixed and we had to stop the uCTD measurements every now and then. The weather at the beginning of the last week of our cruise was windy with an average of 5 Bft, but allowed all work. We progressed quickly and according to plan.

On Wednesday, 28.03, we held a seminar to discuss our results and to agree on publications. We also took a group picture. On Thursday, 29.03., around 14:30 the sailing yacht Malizia II crossed our course with Boris Hermann, one of Germany's most famous extreme sailors, on board.

On Friday, 26.03., we had sunshine but again winds up to 9 Bft, so the uCTD casts had to be discontinued. On Saturday the weather calmed down, the uCTD work was resumed and on Easter Sunday, April 1st, we could carry out our last CTD station, No. 136, in the Strait of Gibraltar, in the afternoon. We celebrated this with a little drink. After the station we set course to the port of Cádiz, where we arrived on Monday morning. After the last CTD, the continuous data acquisition of the ADCPs and the thermosalinograph were also completed on the transit. We started to dismantle our equipment, to load the container and to clean the laboratories. Due to the cancelled stations at the beginning of this cruise, we entered the port of Cádiz one day earlier than expected.

## Acknowledgements

We would like to thank Captain Björn Maaß, his officers and the crew of R/V MARIA S. MERIAN for the support of our scientific programme. Besides this always professional support, the welcome on board was warm and the helpfulness from the bridge, over the deck to the engine was great. We have always felt comfortable on board.

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## Teilnehmerliste

01	Dagmar Hainbucher	Fahrtleiter / Chief Scientist	IfMHH
02	Vanessa Cardin	CTD/IADCP/uCTD/ADCP/Thermosal	OGS
03	Maria del Mar Chavez Montero	CTD/IADCP/uCTD/ADCP/Thermosal	OGS
04	Dimitrios Velaoras	CTD/IADCP/uCTD/ADCP/Thermosal	HCMR
05	Paolo Celentano	CTD/IADCP/uCTD/ADCP/Thermosal	ISMAR
06	Birte Gülk	CTD/IADCP/uCTD/ADCP/Thermosal	IfMHH
07	Andrea Rochner	CTD/IADCP/uCTD/ADCP/Thermosal	IfMHH
08	Andreas Welsch	Salinometer / technical support	IfMHH
09	Toste Tanhua	Transient tracers	GEOMAR
10	Fabian Wolf	Transient tracers	GEOMAR
11	Nico Lange	Transient tracers	GEOMAR
12	Lennart Gerke	Transient tracers	GEOMAR
13	Giuseppe Civitarese	Nutrients, TN, TP, Oxygen	OGS
14	Lidia Urbini	Nutrients, TN, TP, Oxygen	OGS
15	Spyros Chaikakis	LISST, POC, PON	HCMR
16	Noelia M. Fajar Gonzalez	Carbonate System	IEO
17	Elisa Fernández Guallart	Carbonate System	IEO
18	Blanca Astray Uceda	Carbonate System	IEO
19	Abed El Rahaman Hassoun	Carbonate System	CNRS-L
20	Giancarlo Bachi	DOC, CDOM	CNR-P
		-	

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GEOMAR: Helmholtz-Zentrum für Ozeanforschung Kiel, Düsternbrooker Weg 20, 24105 Kiel, http://www.geomar.de

OGS: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale Trieste, Borgo Grotta Gigante 42/C, 34010 Sgonico (TS), Italy, http://www.ogs.trieste.it

IEO: Instituto Español de Oceanografía (IEO), centro de A Coruña, Spain, http://www.co.ieo.es

CNRS-L: National Council for Scientific Research in Lebanon. National Center for Marine Sciences, P.O. Box 534, San Stephano Street, Batroun, Lebanon, http:// https://www.cnrs.edu.lb

ISMAR: Istituto di Scienze Marine, Arsenale – Tesa 104, Castello 2737/F, 30122 Venezia, Italy, http://www.ismar.cnr.it

HCMR: Helenic Centre for Marine Research, 46.7 km Athens – Sounio ave., P.O. Box 712, P.C. 19013, Anavyssos Greece, <u>https://www.hcmr.gr/en/</u>

CNR-P: CNR Istituto di Biofisica Unità Operativa di Pisa, Ruolo Ricercatore, Via G. Moruzzi N° 1 Pisa, Italy, http://www.pi.ibf.cnr.it/?q=Facilities%20

	Stat.	Cast.			Time		POS	ITION	Bottom	Max.	Bottom	Biogeoch.	Remarks
XPO-COD	No.	No.	Тур	Date	UTC	Code	Latitude	Longitude	depth	press.	dist.	Samples	Kentarka
MSM72	001	1	CTD/IADCP	02.03.18	20:21	BE	35° 24,016'N	026° 20,016'EE	287			CHE1	
MSM72	001	1	CTD/IADCP	02.03.18	20:31	BO	35° 24,008'N	026° 20,029'E	289	281	10		
MSM72	001	1	CTD/IADCP	02.03.18	20:59	EN	35° 24,008'N	026° 20,029'E	288				
MSM72	002	1	CTD/IADCP	02.03.18	22:42	BE	35° 40,040'N	026° 17,005'E	2288	2215	12	CHE2	
MSM72 MSM72	002	1	CTD/IADCP CTD/IADCP	02.03.18	23:26 0:26	BO EN	35° 40,019'N 35° 40,018'N	026° 17,033'E 026° 17,034'E	2282 2290	2315	12		
MSM72	002	2	CTD	03.03.18	2:01	BE	35° 40,018 N	026° 17,034'E	2290				
MSM72	002	2	CTD	03.03.18	2:12	BO	35° 40,019'N	026° 17,033'E	2284	256			
MSM72	002	2	CTD	03.03.18	2:27	EN	35° 40,019'N	026° 17,035'E	2284				
MSM72	002	3	CTD/LISST	03.03.18	3:38	BE	35° 40,020'N	026° 17,036'E	2288				
MSM72	002	3	CTD/LISST	03.03.18	4:00	BO	35° 40,018'N	026° 17,036'E	2288	1010			
MSM72	002	3	CTD/LISST	03.03.18	4:24	EN	35° 40,016'N	026° 17,037'E	0				
MSM72	003	1	CTD/IADCP	03.03.18	5:43	BE	35° 29,016'N	026° 28,039'E	1027			PHY	
MSM72	003	1	CTD/IADCP	03.03.18	6:07	BO	35° 29,016'N	026° 28,041'E	1034	809	10		
MSM72 MSM72	003	1	CTD/IADCP CTD/IADCP	03.03.18 03.03.18	6:35 8:00	EN BE	35° 29,015'N 35° 18,014'N	026° 28,040'E 026° 39,042'E	1026 1099			CHE1	
MSM72	004	1	CTD/IADCP	03.03.18	8:25	BO	35° 18,014 N	026° 39,042'E	1095	1102	10	CHEI	
MSM72	004	1	CTD/IADCP	03.03.18	9:05	EN	35° 18,014'N	026° 39,042 E	1101	1102	10		
MSM72	005	1	CTD/IADCP	03.03.18	10:12	BE	35° 10,503'N	026° 31,042'E	612			PHY	
MSM72	005	1	CTD/IADCP	03.03.18	10:29	BO	35° 10,504'N	026° 31,044'E	686	666	31		
MSM72	005	1	CTD/IADCP	03.03.18	10:53	EN	35° 10,509'N	026° 31,045'E	685				
MSM72	006	1	CTD/IADCP	03.03.18	12:06	BE	35° 06,458'N	026° 21,975'E	269			CHE1	
MSM72	006	1	CTD/IADCP	03.03.18	12:16	BO	35° 06,458'N	026° 21,975'E	269	266	10		
MSM72	006	1	CTD/IADCP	03.03.18	12:38	EN	35° 06,458'N	026° 21,976'E	269				ļ
MSM72	007	1	CTD/IADCP/LISST	03.03.18	13:37	BE	34° 58,087'N	026° 16,437'E	1593	1502	20	PHY	
MSM72 MSM72	007	1	CTD/IADCP/LISST CTD/IADCP/LISST	03.03.18	14:08 14:41	BO EN	34° 58,103'N 34° 58,103'N	026° 16,521'E 026° 16,521'E	1592 1595	1593	20		
MSM72	007	1	CTD/IADCP/LISST	03.03.18	14:41	BE	34° 48,189'N	026° 16,521 E	1246			CHE1	
MSM72	008	1	CTD/IADCP/LISST	03.03.18	16:13	BO	34° 48,043'N	026° 09,842'E	1246	1315	14	SHEL	
MSM72	008	1	CTD/IADCP/LISST	03.03.18	16:51	EN	34° 47,850'N	026° 09,610'E	1289	1010			
MSM72	009	1	CTD/IADCP	03.03.18	19:25	BE	34° 22,002'N	025° 57,540'E	4000			CHE2	
MSM72	009	1	CTD/IADCP	03.03.18	20:38	BO	34° 22,001'N	025° 57,541'E	3997	4054	14		
MSM72	009	1	CTD/IADCP	03.03.18	22:07	EN	34° 22,001'N	025° 57,540'E	4222				
MSM72	009	2	CTD	03.03.18	23:19	BE	34° 22,002'N	025° 57,541'E	3999				
MSM72	009	2	CTD	03.03.18	23:41	BO	34° 21,965'N	025° 57,556'E	3996	1000			
MSM72	009	2	CTD	04.03.18	0:19	EN	34° 21,860'N	025° 57,591'E	4055				
MSM72	010	1	CTD/IADCP	04.03.18	2:03	BE	34° 15,988'N	025° 37,520'E	2587	2604	16	PHY	
MSM72 MSM72	010	1	CTD/IADCP CTD/IADCP	04.03.18	2:53	BO EN	34° 15,988'N 34° 15,988'N	025° 37,519'E 025° 37,520'E	2584 2587	2604	16		
MSM72	010	1	CTD/IADCP	04.03.18	5:17	BE	34° 14,506'N	025° 18,044'E	3806			CHE1	
MSM72	011	1	CTD/IADCP	04.03.18	6:35	BO	34° 14,394'N	025° 18,023'E	3825	3870	16	CHEL	
MSM72	011	1	CTD/IADCP	04.03.18	7:48	EN	34° 14,379'N	025° 18,054'E	3827				
MSM72	011	2	CTD	04.03.18	8:15	BE	34° 14,378'N	025° 18,053'E	3829				
MSM72	011	2	CTD	04.03.18	9:23	BO	34° 14,321'N	025° 18,166'E	3835	3896	13		
MSM72	011	2	CTD	04.03.18	11:01	EN	34° 14,262'N	025° 18,284'E	3843				
MSM72	012	1	CTD/IADCP	04.03.18	13:17	BE	34° 14,012'N	024° 56,975'E	3494			PHY	
MSM72	012	1	CTD/IADCP	04.03.18	14:23	BO	34° 14,120'N	024° 56,916'E	3470	3523	19		
MSM72 MSM72	012	1	CTD/IADCP CTD/IADCP	04.03.18	15:39 18:12	EN BE	34° 14,263'N 34° 16,024'N	024° 56,820'E 024° 36,032'E	3464 3213			CHE1	
MSM72	013	1	CTD/IADCP	04.03.18	19:09	BO	34° 16,024 N	024° 36,032 E	3213	3275	13	CHEI	
MSM72	013	1	CTD/IADCP	04.03.18	20:33	EN	34° 16,230'N	024° 36,236'E	3237	5275	15		
MSM72	013	1	Float ARVOR I	04.03.18	20:39	Dployed	34° 16,199'N	024° 36,203'E	3224				
MSM72	013	2	Driftr DWS	04.03.18	20:57	Dployed	34° 15,469'N	024° 35,288'E	2908				
MSM72	014	1	CTD/IADCP/LISST	04.03.18	23:11	BE	34° 25,009'N	024° 14,996'E	2334			PHY	
MSM72	014	1	CTD/IADCP/LISST	04.03.18	23:53	BO	34° 25,016'N	024° 15,010'E	2325	2348	10		
MSM72	014	1	CTD/IADCP/LISST	05.03.18	0:40	EN	34° 25,015'N	024° 15,010'E	2342				
MSM72	015	1	CTD/IADCP	05.03.18	2:59	BE	34° 34,814'N	023° 54,011'E	2776	2767	4.0	CHE1	
MSM72 MSM72	015	1	CTD/IADCP CTD/IADCP	05.03.18	3:55 5:03	BO EN	34° 34,815'N	023° 54,012'E 023° 54,013'E	2781 2783	2797	12		
MSM72 MSM72	015	1	uCTD	05.03.18	6:25	BE	34° 34,816'N 34° 43,126'N	023° 54,013 E 023° 43,597'E	2/85	617			
MSM72	015	1	CTD/IADCP	05.03.18	8:09	BE	34° 51,511'N	023° 32,997'E	3011	511		РНҮ	
MSM72	016	1	CTD/IADCP	05.03.18	9:11	BO	34° 51,511'N	023° 33,010'E	3011	352	15		
MSM72	016	1	CTD/IADCP	05.03.18	10:14	EN	34° 51,514'N	023° 33,009'E	3010	_			
MSM72	016	2	uCTD	05.03.18	11:34	BE	34° 57,262'N	023° 22,038'E	2958	608			
MSM72	017	1	CTD/IADCP	05.03.18	13:09	BE	023° 11,950'N	023° 11,950'E	3221			CHE1	
MSM72	017	1	CTD/IADCP	05.03.18	14:10	BO	023° 12,017'N	023° 12,017'E	3201	3237	16		
MSM72	017	1	CTD/IADCP	05.03.18	15:27	EN	023° 12,017'N	023° 12,017'E	3202				
MSM72 MSM72	017	3	uCTD	05.03.18	16:16	BE	35° 00,128'N	023° 04,798'E	2210	640		PHY	
MSM72 MSM72	018	1	CTD/IADCP CTD/IADCP	05.03.18 05.03.18	17:33 18:35	BE BO	34° 57,306'N 34° 57,308'N	022° 56,027'E 022° 56,028'E	3219 3241	3261	14	rní	
MSM72	018	1	CTD/IADCP CTD/IADCP	05.03.18	19:45	EN	34° 57,306 N	022° 56,028 E	3226	5201	14		
MSM72	018	4	uCTD	05.03.18	21:38	BE	35° 08,864'N	023° 07,394'E	3753	579			
MSM72	019	1	CTD/IADCP	06.03.18	0:00	BE	35° 21,000' N	023° 19,024' E	3181			CHE1	
MSM72	019	1	CTD/IADCP	06.03.18	0:58	BO	35° 21,000' N		3184	3217	14		no bottle closing
MSM72	019	1	CTD/IADCP	06.03.18	2:14	EN	35° 21,001' N	023° 19,023' E	3185				
MSM72	019	2	CTD	06.03.18	11:06	BE	35° 21,001' N		3185				
MSM72	019	2	CTD	06.03.18	12:12	BO	35° 21,003' N		3176	3213	15		no bottle closing
MSM72	019	2	CTD	06.03.18	13:46	EN	35° 21,003' N	023° 19,025' E	3184				
MSM72	019	3	CTD	06.03.18	14:51	BE	35° 21,003' N		3184				Construction to the second
MSM72	019	3	CTD	06.03.18	15:49	BO	35° 21,003' N	023° 19,012' E	3429	3208	14		Canceling because of defective CTD
MSM72	019	3	CTD	06.03.18	18:28	EN	35° 21,003' N	023° 19,011' E	3181			L	

MSM72	019	5	uCTD	06.03.18	19:58	BE	35° 29,229' N	023° 19,303' E	2178	626			
MSM72	020	1	CTD/IADCP	06.03.18	22:00	BE	35° 39,015' N	023° 20,024' E	0			PHY	
MSM72	020	1	CTD/IADCP	06.03.18	22:13	BO	35° 39,015' N	023° 20,024' E	419	419	9		
MSM72	020	1	CTD/IADCP	06.03.18	22:38	EN	35° 39,014' N	023° 20,024' E	419				
MSM72	020	6	uCTD	07.03.18	0:28	BE	35° 38,973' N	023° 04,407' E	1892	660			
MSM72	021	1	CTD/IADCP	07.03.18	2:17	BE	35° 40,023' N	022° 55,011' E	2965			CHE1	
MSM72	021	1	CTD/IADCP	07.03.18	3:07	BO	35° 40,023' N	022° 55,011' E	2965	2994	16		
MSM72	021	1	CTD/IADCP	07.03.18	4:07	EN	35° 40,023' N	022° 55,011' E	2962				
MSM72	022	7	uCTD	07.03.18	4:37	BE	35° 39,870' N	022° 55,036' E	2964	593			
MSM72	022	8	uCTD	07.03.18	5:46	BE	35° 32,374' N	022° 55,776' E	2066	568			
MSM72	022	9	uCTD	07.03.18	6:46	BE	35° 25,958' N	022° 56,399' E	3470	627			
MSM72	022	10	uCTD	07.03.18	7:46	BE	35° 19,812' N	022° 56,949' E	3626	657			
MSM72	022	11	uCTD	07.03.18	8:48	BE	35° 13,127' N	022° 57,609' E	3537	662			
MSM72	022	12	uCTD	07.03.18	9:48	BE	35° 06,923' N	022° 58,278' E	3058	647			
MSM72	022	13	uCTD	07.03.18	10:53	BE	35° 00,204' N	022° 59,309' E	3488	0			no data recorded
MSM72	022	14	uCTD	07.03.18	11:50	BE	34° 54,122' N	022° 59,371' E	3185	594			
MSM72	022	15	uCTD	07.03.18	12:53	BE	34° 48,189' N	022° 57,892' E	2964	638			
MSM72	022	16	uCTD	07.03.18	13:44	BE	34° 48,698' N	022° 53,095' E	2947	680			
MSM72	022	1	CTD/IADCP	07.03.18	14:32	BE	34° 48,843' N	022° 51,444' E	2944			CHE1	
MSM72	022	1	CTD/IADCP	07.03.18	15:27	BO	34° 48,843' N	022° 51,444' E	2944	2970	14	U.I.L.L	Test of new CTD configuration
MSM72	022	1	CTD/IADCP	07.03.18	16:41	EN	34° 48,843' N	022° 51,444' E	2945	2070	44		rest of new erb coniguration
MSM72	022	17	uCTD	07.03.18	17:31	BE	34° 49,481' N		2943	663			
								022° 44,416' E		-			
MSM72	022	18	UCTD	07.03.18	18:30	BE	34° 50,032' N	022° 38,098' E	2906	707			
MSM72	022	19	UCTD	07.03.18	19:30	BE	34° 50,685' N	022° 32,570' E	2938				
MSM72	022	20	uCTD	07.03.18	20:30	BE	34° 51,348' N	022° 26,895' E	2992	721			
MSM72	022	21	uCTD	07.03.18	21:30	BE	34° 51,743' N	022° 20,618' E	3047	723			
MSM72	022	22	uCTD	07.03.18	22:30	BE	34° 52,403' N	022° 14,853' E	3098	662			
MSM72	022	23	uCTD	07.03.18	23:30	BE	34° 52,809' N	022° 08,485' E	3132	661			
MSM72	022	24	uCTD	08.03.18	0:31	BE	34° 53,704' N	022° 02,174' E	3298	674			
MSM72	022	25	uCTD	08.03.18	1:31	BE	34° 54,344' N	021° 55,913' E	3145	687			
MSM72	022	26	uCTD	08.03.18	2:28	BE	34° 55,030' N	021° 50,167' E	3157	669			
MSM72	022	27	uCTD	08.03.18	3:32	BE	34° 55,714' N	021° 43,348' E	3133	696			
MSM72	022	28	uCTD	08.03.18	4:29	BE	34° 56,354' N	021° 37,547' E	3257	692			
MSM72	022	29	uCTD	08.03.18	5:27	BE	34° 57,015' N	021° 31,588' E	3267	710			
MSM72	022	30	uCTD	08.03.18	6:30	BE	34° 57,754' N	021° 24,631' E	2899	785			
MSM72	022	31	uCTD	08.03.18	7:30	BE	34° 57,845' N	021° 19,067' E	2633	787			
MSM72	022	32	uCTD	08.03.18	8:30	BE	34° 58,487' N	021° 14,311' E	2733	773			
MSM72	022	33	uCTD	08.03.18	9:28	BE	35° 01,889' N	021° 04,678' E	2738	772			
MSM72	022	34	uCTD	08.03.18	11:00	BE	35° 01,889' N	021° 04,678' E	2738	672			
MSM72	022	35	uCTD	08.03.18	12:01	BE	35° 04,387' N	021° 09,788' E	2860	667			
MSM72	022	36	uCTD	08.03.18	12:59	BE	35° 06,651' N	021° 14,287' E	2816	638			
MSM72	022	37	uCTD	08.03.18	14:05	BE	35° 08,837' N	021° 19,654' E	3107	649			
MSM72	023	1	CTD/IADCP	08.03.18	21:26	BE	35° 40,991' N	022° 28,017' E	4525			CHE1	
MSM72	023	1	CTD/IADCP	08.03.18	22:45	BO	35° 40,992' N	022° 28,015' E	4524	4528	11	C.I.L.L	
MSM72	023	1	CTD/IADCP	09.03.18	0:35	EN	35° 40,991' N	022° 28,013' E	4525	4520			
MSM72	023	38	uCTD	09.03.18	2:07	BE	35° 40,466' N	022° 42,414' E	0	651			
MSM72	023	1	CTD/IADCP	09.03.18	3:39	BE	35° 39,990' N	022° 55,027' E	2965	031		CHE1	
					4:32					2097	15	CHEI	
MSM72	024	1	CTD/IADCP	09.03.18		BO	35° 39,989' N	022° 55,027' E 022° 55,028' E	2969	2987	15		
MSM72	024	1	CTD/IADCP	09.03.18	5:40	EN	35° 39,989' N		2969	802			
MSM72	024	39	uCTD	09.03.18	6:38	BE	35° 47,000' N	022° 58,292' E	1842	802			
MSM72	025	1	CTD/IADCP	09.03.18	8:09	BE	35° 54,986' N	023° 02,031' E	1051			PHY	
MSM72	025	1	CTD/IADCP	09.03.18	8:36	BO	35° 54,990' N	023° 02,028' E	1049	1053	10		
MSM72	025	1	CTD/IADCP	09.03.18	9:02	EN		023° 02,029' E					
MSM72	025	40	uCTD	09.03.18	10:39	BE	35° 57,879' N	022° 45,088' E	1163	695			
MSM72	026	1	CTD/IADCP	09.03.18	12:15	BE	35° 59,990' N	022° 32,028' E	3164			CHE1	
MSM72	026	1	CTD/IADCP	09.03.18	13:13	BO	35° 59,993' N		3167	3200	9		
MSM72	026	1	CTD/IADCP	09.03.18	14:31	EN	35° 59,994' N	022° 32,024' E	3169				
MSM72	026	41	uCTD	09.03.18	15:27	BE		022° 31,180' E	2792	706			
MSM72	027	1	CTD/IADCP	09.03.18	16:51	BE	36° 14,987' N	022° 30,031' E	2164			PHY	
MSM72	027	1	CTD/IADCP	09.03.18	17:31	BO	36° 14,986' N	022° 30,029' E	2166	2190	14		
MSM72	027	1	CTD/IADCP	09.03.18	18:16	EN	36° 14,986' N	022° 30,029' E	2163				
MSM72	027	42	uCTD	09.03.18	20:17	BE	36° 15,492' N	022° 06,983' E	2713	749			
MSM72	028	1	CTD/IADCP	09.03.18	22:58	BE	36° 15,843' N	,	3571			CHE1	
MSM72	028	1	CTD/IADCP	10.03.18	0:02	BO	36° 15,809' N	021° 42,499' E	3571	3605	8		
MSM72	028	1	CTD/IADCP	10.03.18	1:33	EN	36° 15,809' N	021° 42,499' E	3576				
MSM72	029	43	uCTD	10.03.18	1:45	BE	36° 16,011' N	021° 42,555' E	3539	650			
MSM72	029	44	uCTD	10.03.18	2:45	BE	36° 22,209' N	021° 44,487' E	3551	672			
MSM72	029	45	uCTD	10.03.18	3:44	BE	36° 27,591' N	021° 45,995' E	3093	667			
MSM72	029	46	uCTD	10.03.18	4:43	BE	36° 33,464' N		2427	694			
MSM72	029	47	uCTD	10.03.18	5:43	BE	36° 32,959' N	021° 48,632' E	2280	783			
MSM72	029	48	uCTD	10.03.18	6:45	BE	36° 26,914' N		2488	785			
MSM72	029	49	uCTD	10.03.18	7:47	BE	36° 20,742' N	021° 51,043' E	3744	778			
		50	uCTD	10.03.18	9:17	BE	36° 13,660' N	021° 52,271' E	3545	765			
	029		uCTD	10.03.18	10:14	BE	36° 08,564' N		3160	765			
MSM72	029	51			11:15	BE	36° 05,966' N		3886	757			
MSM72 MSM72	029	51 52		10.02.19		95			3567	787			
MSM72 MSM72 MSM72	029 029	52	uCTD	10.03.18		DE	26" 06 010' 1					1	1
MSM72 MSM72 MSM72 MSM72	029 029 029	52 53	uCTD uCTD	10.03.18	12:14	BE	36° 06,015' N 36° 06 027' N	021° 41,212' E 021° 33 438' E					
MSM72 MSM72 MSM72 MSM72 MSM72	029 029 029 029	52 53 54	uCTD uCTD uCTD	10.03.18 10.03.18	12:14 13:15	BE	36° 06,027' N	021° 33,438' E	3607	783			
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	029 029 029 029 029 029	52 53 54 55	uCTD uCTD uCTD uCTD	10.03.18 10.03.18 10.03.18	12:14 13:15 14:14	BE BE	36° 06,027' N 36° 06,004' N	021° 33,438' E 021° 25,814' E	3607 3693	783 773			
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	029 029 029 029 029 029 029	52 53 54 55 56	uCTD uCTD uCTD uCTD uCTD uCTD	10.03.18 10.03.18 10.03.18 10.03.18	12:14 13:15 14:14 15:14	BE BE BE	36° 06,027' N 36° 06,004' N 36° 08,009' N	021° 33,438' E 021° 25,814' E 021° 19,984' E	3607 3693 3972	783 773 816			
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	029 029 029 029 029 029 029 029	52 53 54 55 56 57	UCTD UCTD UCTD UCTD UCTD UCTD UCTD	10.03.18 10.03.18 10.03.18 10.03.18 10.03.18	12:14 13:15 14:14 15:14 16:13	BE BE BE BE	36° 06,027' N 36° 06,004' N 36° 08,009' N 36° 13,914' N	021° 33,438' E 021° 25,814' E 021° 19,984' E 021° 19,993' E	3607 3693 3972 4352	783 773 816 818			
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	029 029 029 029 029 029 029 029 029	52 53 54 55 56 57 58	UCTD UCTD UCTD UCTD UCTD UCTD UCTD	10.03.18 10.03.18 10.03.18 10.03.18 10.03.18 10.03.18	12:14 13:15 14:14 15:14 16:13 17:14	BE BE BE BE BE	36° 06,027' N 36° 06,004' N 36° 08,009' N 36° 13,914' N 36° 20,172' N	021° 33,438' E 021° 25,814' E 021° 19,984' E 021° 19,993' E 021° 20,053' E	3607 3693 3972 4352 4312	783 773 816 818 814			
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	029 029 029 029 029 029 029 029	52 53 54 55 56 57	UCTD UCTD UCTD UCTD UCTD UCTD UCTD	10.03.18 10.03.18 10.03.18 10.03.18 10.03.18	12:14 13:15 14:14 15:14 16:13	BE BE BE BE	36° 06,027' N 36° 06,004' N 36° 08,009' N 36° 13,914' N	021° 33,438' E 021° 25,814' E 021° 19,984' E 021° 19,993' E 021° 20,053' E 021° 19,997' E	3607 3693 3972 4352	783 773 816 818		CHE1	

Hondy Die         Bis 1         Chyalogy         Bis 3														
Mod20         B         1         CTDBACP         IDEAL         IDEAL <thideal< th=""> <thideal< th=""> <thideal< t<="" td=""><td>MSM72</td><td>30</td><td>1</td><td>CTD/IADCP</td><td>10.03.18</td><td>20:25</td><td>BO</td><td>36° 30,042' N</td><td>021° 20,025' E</td><td>4233</td><td>4290</td><td>11</td><td></td><td></td></thideal<></thideal<></thideal<>	MSM72	30	1	CTD/IADCP	10.03.18	20:25	BO	36° 30,042' N	021° 20,025' E	4233	4290	11		
Image         Image <th< td=""><td>MSM72</td><td>30</td><td>1</td><td>CTD/IADCP</td><td>10.03.18</td><td>22:02</td><td>FN</td><td>36° 30.042' N</td><td></td><td>4235</td><td></td><td></td><td></td><td></td></th<>	MSM72	30	1	CTD/IADCP	10.03.18	22:02	FN	36° 30.042' N		4235				
MADEQ         10         10         COUNDARY         11.01         12.01         12.00         PF           MADEZ         10         COUNDARY         11.01.01         15.01         15.00         PF ALEMAN         DEV AL											722			
MADD2         3.1         1.1         CONAGE         Hold AL         Hold AL         Part AL         State H         State H </td <td></td> <td>122</td> <td></td> <td></td> <td></td>											122			
Monty         13.         1         Complexe         11.0.1.0         54.         PF 54.891         OPE 1.4.847         2.975         TO         TO           MORT         13.         1         COMAC         13.0.1.0         14.0         PC 1.0.000         12.0.1.1         14.0         PC 1.0.000         12.0.1.1         14.0         PC 1.0.000         12.0.1.1         14.0         PC 1.0.000         12.0.1.1         14.0         PC 1.0.000         12.0.0.0000	MSM72	31	1		11.03.18	2:23	BE	36° 58,485' N	020° 51,618' E	2574			РНҮ	
Montor         31.         64.         CCTO         11.0.1.8         64.0         87.0.277         10.0.27.8.4007         10.0.1.8         0.0.1           Montor         11.         CTO/MACC         11.0.1.8         10.0	MSM72	31	1	CTD/IADCP	11.03.18	3:15	BO	36° 58,486' N	020° 51,618' E	2578	2554	3		1
Image         13         1         CONMACC         11.011         0.01         17         25.14%         0.07         25.007         4.00         10.011         0.01           MM07         10         1         CONMACC         11.011         10.01         10.01         10.011         0.01         0.000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.00000         1.00	MSM72	31	1	CTD/IADCP	11.03.18	3:56	EN	36° 58,485' N	020° 51,618' E	2575				
Image         13         1         CONMACC         11.011         0.01         17         25.14%         0.07         25.007         4.00         10.011         0.01           MM07         10         1         CONMACC         11.011         10.01         10.01         10.011         0.01         0.000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.00000         1.00	MSM72	31	61	uCTD	11.03.18	5:43	BE	37° 09.676' N	020° 36.886' E	2595	730			
Holdy 2         3.1         CONAGE         10.101         <													CHE1	
Hearty         12         3         TopMacro         11.01.1 </td <td></td> <td>4222</td> <td>10</td> <td>CHEI</td> <td></td>											4222	10	CHEI	
Model         12         3         Peak AUGH         11.03.1         11.04         #20000         377.255 K h         007 X 0.01 (0.10)         12.01 <th12.01< th=""> <th12.01< th=""> <th12.01< <="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4322</td><td>10</td><td></td><td></td></th12.01<></th12.01<></th12.01<>											4322	10		
MMO7         12         62         VCT0         11.0.1.0         13.00         18         17*56/88         10         778         PFY           MMO7         13         1         CTD/MAC/M37         11.0.1.1         13.0         60         17.07         61.1         100         15           MMO7         13         1         CTD/MAC/M37         11.0.1.1         13.0         60         17.00         1400         15           MMO7         13         1         CTD/MAC/M37         11.0.1.1         13.0         60         17.00         1400         1400         150           MMO7         14         1         CTD/MAC/P         11.0.1.1         12.01         160         17.20         1600         12.00         1600         11.0.1.1         12.01         160         17.20         1600         12.00         12.00         12.00         12.00         12.00         12.00         10.00         12.00 <td>MSM72</td> <td>32</td> <td>1</td> <td>CTD/IADCP</td> <td>11.03.18</td> <td>11:01</td> <td>EN</td> <td>37° 22,511' N</td> <td>020° 20,030' E</td> <td>4496</td> <td></td> <td></td> <td></td> <td>I</td>	MSM72	32	1	CTD/IADCP	11.03.18	11:01	EN	37° 22,511' N	020° 20,030' E	4496				I
MM07         32         62         CUTD         10.31a         10.00         HS         17.468/HT         67.30/1         27.35         27.36         10.3           MM07         33         1         CUTD/ADC/M37         11.01.1         10.3         HS         10.5         10.0	MSM72	32	3	Float AVOR I	11.03.18	11:04	deployed	37° 22,506' N	020° 20,031' E	4240				
MM07         31         1         CTD/MAGP(MST         110.31         13.17         HE         P*F_ATT         No         15.0         P*F           MM07         31         1         CTD/MAGP(MST         11.01         0.00         FA         15.1         15           MM07         31         1         CTD/MAGP(MST         11.01         0.00         FA         15.2         11.0         15.0           MM07         34         1         CTD/MAGP(MST         11.01         12.0         15.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0         10.0         12.0 <t< td=""><td>MSM72</td><td>32</td><td>62</td><td>UCTD</td><td>11.03.18</td><td>13:08</td><td></td><td></td><td></td><td>2714</td><td>728</td><td></td><td></td><td></td></t<>	MSM72	32	62	UCTD	11.03.18	13:08				2714	728			
MMAT         18         1         CTO/ADC/MIST         11.11.11         11.24         100         137 57.21 %         100 %         10.3           MMAT         18         0         CTO/ADC/MIST         11.11.11         11.12 %         10.0         11.12 %         10.0         11.12 %         10.0         11.11 %         10.0         11.11 %         10.0         11.11 %         10.0         11.11 %         10.0         11.11 %         10.0         11.11 %         10.0 %         10.											120		DUV	
MeMOR2         83         1         CTD/MAGP/MIST         110.31         0.00         PER         3PT-562T N         6000 13.05         6000         CPL           MeMOR2         84         1         CTD/MAGP         110.31         125.24         88         87.125 N         6000 (1.357         6000         10.01											007	45		
MMX7         31         65         UCT0         110.11         22.28         68         3F 1.12 kV         0.02 *0.07 %         1400         1401           MMX7         14         1         CTD/AGD*         110.11         201         160         3F 2.38 kV         2007         2007         2007           MMX7         14         1         CTD/AGD*         110.11         22.21         160         3F 2.38 kV         2007         200         1           MMX7         14         2         CTD         110.11         22.31         46 0         3F 2.38 kV         2007         1.20         1         1           MMX7         14         2         CTD         110.11         22.31         46 0         3F 2.38 kV         2007         1.45 kV         2007         2.01			_								807	15		
IMM07         14         1         CTD/ABCP         1.03.18         19:24         RE         187.28,25.18         007         1.03.18         12.22         10         10           MM077         14         1         CTD/ABCP         1.03.18         11.41         RE         187.28,15.18         007         10.58.18         2.38.17         1007         10.51         10.	MSM72	33	1	CTD/IADCP/LISST	11.03.18	0:00	EN	37° 57,622' N	020° 15,025' E	811				1
MAM72         14         1         CTD/AGCP         10.318         19.34         8         39.35         1007         13.34         2         2         1 <th1< th="">         1         1&lt;        &lt;</th1<>	MSM72	33	63	uCTD	11.03.18	17:29	BE	38° 11,122' N	020° 08,073' E	3400	747			
MAM72         24         1         CTD/ABCP         10.10.10         20.11         RV         25.25,81 %         RV         20.13,81 %         20.50         20.44         10.         10.10.10         21.14         RV         25.25,81 %         RV         20.13,81 %         20.50         10.10.10         22.11         RV         20.13,21 %         20.50 <td>MSM72</td> <td>34</td> <td>1</td> <td>CTD/IADCP</td> <td>11.03.18</td> <td>19:24</td> <td>BE</td> <td></td> <td></td> <td>2602</td> <td></td> <td></td> <td>CHE2</td> <td></td>	MSM72	34	1	CTD/IADCP	11.03.18	19:24	BE			2602			CHE2	
MMM72         84         1         CTO/LADCY         L0.18         21:14         68         87 24,825         Nor 0.1896         2.999         Nor           MMM72         14         2         CTD         10.18         22:17         60         38 2.3207         Nor 0.20147         200         10.18         10.18           MM72         14         2         CTD         10.18         22:18         60         38 2.3207         Nor 0.20147         240         10.18								,			2624	10	0.1.22	
MMM72         84         2         CTD         11.03.18         22.27         86         36 2 3.28.07         Nor 0.1.94.47         2405         Nor											2024	10		
MMX72         24         2         CTD         L10.18         22.38         80         352.362.W         807         61.347         2.864         2.03         No           MMX72         14         4         Pest PRO+H0         L10.18         2.23         FK         807.01         1.35         1.00         1.03.18         2.20         No         1.00         1.03.18         2.00         No         1.00														
MSM72         34         2         CT0         11.01.15         22.45         8020         2002         2002         2002           MSM72         34         44         46         Fuel CP0         12.01.18         23.01 km         2002         20.01.86         2002           MSM72         35         1         CT0/MACP         12.01.18         23.01 km         12.01.18         12.01 km         12.01.18         12.01 km	MSM72	34	2	CTD	11.03.18	22:27	BE	38° 23,920' N	020° 01,534' E	2605				
MSM72         34         4         Floar PROV-400         110.3.15         22.51         884port         827 2.51         2200         P           MSM72         28         1         CTD/ADCP         12.0.3.18         22.85         884 875         North         1545         1645         1445         1445         1445         144           MSM72         28         1         CTD/ADCP         12.0.3.18         25.55         167         155.51114         10.777.7777         1440         1450         1441         1440           MSM72         28         1         CTD/ADCP         12.0.3.18         144         145         1440         1412         1401           MSM72         38         1         CTD/ADCP         12.0.3.18         171         1407         12.0.3.18         1114         180         371.50.207         1404         1412         10         1           MSM72         39         1         CTD/ADCP         12.0.3.18         11.2         140         143.2         140         141         141         141         141         141         141         141         141         141         141         141         141         141         141         141	MSM72	34	2	CTD	11.03.18	22:35	BO	38° 23,920' N	020° 01,534' E	2604	203			
MSM72         34         4         Floar PROV-400         110.3.15         22.51         884port         827 2.51         2200         P           MSM72         28         1         CTD/ADCP         12.0.3.18         22.85         884 875         North         1545         1645         1445         1445         1445         144           MSM72         28         1         CTD/ADCP         12.0.3.18         25.55         167         155.51114         10.777.7777         1440         1450         1441         1440           MSM72         28         1         CTD/ADCP         12.0.3.18         144         145         1440         1412         1401           MSM72         38         1         CTD/ADCP         12.0.3.18         171         1407         12.0.3.18         1114         180         371.50.207         1404         1412         10         1           MSM72         39         1         CTD/ADCP         12.0.3.18         11.2         140         143.2         140         141         141         141         141         141         141         141         141         141         141         141         141         141         141         141	MSM72	34	2	CTD	11.03.18	22:49	EN			2602				
IMM072         24         64         evcT0         12.01.16         0.93         82         387 367.01         0.95 44,397 £         1922         68         PHY           MM72         35         1         CT0/ADCP         12.01.18         255         68         944         145         14         PHY           MM72         15         1         CT0/ADCP         12.01.18         450         64         350.111*         01977.49907         1448         145         14         PHY           MM72         15         1         CT0/ADCP         12.01.18         450         64         397.0217         1444         755         DHT         1414         755         DHT         1442         10         DHT           MM72         37         1         CT0/ADCP         12.01.18         11.18         897.402.21*         1097.127.885         146         397         11         DHT         1414         81         397.402.21*         1432         146         397         147         1414         143         143         143         143         143         143         143         143         144         143         144         144         144         144         144 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
MSM72         35         1         CT0/AGCP         12.83.8         2.25         86         85 50.11*         N 97 7390:E         1485         N           MSM72         35         1         CT0/AGCP         12.83.8         3.25         N         85 50.11*         0.97 74.990:F         1448.1         N           MSM72         35         1         CT0/AGCP         12.03.18         3.25         N         85 50.11*         0.97 74.990:F         1448.1         N           MSM72         35         1         CT0/AGCP         12.03.18         0.90         99 70.02*         14.04         N         0.91           MSM72         35         1         CT0/AGCP         12.03.18         92         14.97         19.33.12*         12.33         77         N           MSM72         37         1         CT0/AGCP         12.03.18         11.28         80         94.022*14         0.97 72.485         146         10         10           MSM72         37         1         CT0/AGCP         12.03.18         14.85         149 422*14         0.97 72.485         146         10         10         10         10         10         10         10         10         10         10 </td <td></td> <td>  </td> <td></td>														
MSM72         85         1         CTD/AGCP         120.31         235         80         88* 50.11*         N 09* 7.890*[         144         144         144           MSM72         38         65         ucTD         120.31         450         RE         997 7.970*[         144         755         uc           MSM72         38         1         CTD/AGCP         120.31         450         RE         997 7.977*[         140.44         765         uc           MSM72         38         1         CTD/AGCP         120.31         711         R0         97 7.977*[         140.44         765         uc         <											695			
MSM72         35         1         CTD/ADCP         120.318         235         N         395 for 2012 'N         109' 47.991'E         1463         -         -           MSM72         36         1         CTD/ADCP         120.318         450         48         95' 00.207'N         109' 37.297'E         1464         144         765           MSM72         36         1         CTD/ADCP         120.318         711         80'''         19''''''''''''''''''''''''''''''''''''	MSM72	35	1			2:25	BE	38° 50,114' N	019° 47,991' E	1455			PHY	
MSM72         35         1         CTD/AGCP         120.31         235         FN         88 *00,227 %         108 *03,271 %         148 *76         CH1           MSM72         36         1         CTD/AGCP         120.31 %         644         8E         39*0,202 %         109*3,227 %         1448 *765         CH1           MSM72         36         1         CTD/AGCP         120.31 %         755 %         1444 *765         CH1           MSM72         36         1         CTD/AGCP         120.31 %         756 %         140 *1 *100 *100 *100 *100 *100 *100 *10	MSM72	35	1	CTD/IADCP	12.03.18	2:55	BO	38° 50,111' N	019° 47,990' E	1448	1458	14		
MSM72         38         64         0         EE         39 0.029 N         097 33.297 E         1.444         756         N           MSM72         38         1         CTD/ABCP         120.31         7.51         80         39 73.97 E         1.404         142         0           MSM72         38         1         CTD/ABCP         120.31         7.56         RN         197 33.07 E         1.404         142         10           MSM72         38         1         CTD/ABCP         120.31         122.85         197 27.355 E         135         1         1           MSM72         37         1         CTD/ABCP         120.31         112.46         86         197 42.227 N         107 27.355 E         146         339         1           MSM72         38         1         CTD/ABCP         120.31         125.4         86         397 54.227 N         197 1599 E         98.         147           MSM72         38         1         CTD/ABCP         120.31         142.5         N         397 56.227 N         197 1599 E         98.         145           MSM72         38         1         CTD/ABCP         120.31         142.03 N         197 1590 E <t< td=""><td>MSM72</td><td>35</td><td>1</td><td>CTD/IADCP</td><td>12.03.18</td><td>3:25</td><td>EN</td><td></td><td></td><td>1463</td><td></td><td></td><td></td><td></td></t<>	MSM72	35	1	CTD/IADCP	12.03.18	3:25	EN			1463				
MSM72         B6         1         CTD/AGCP         120.3.8         6.44         EE         B9 15.0.4* No         NU B9 30.2* E         1.40         H           MSM72         B6         1         CTD/AGCP         120.3.3         7.56         FN         B9 73.02* E         1.406         H         H           MSM72         B6         66         UCCT         120.3.3         7.56         FN         B9 73.02* E         1.406         H <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>,</td> <td>,</td> <td></td> <td>765</td> <td></td> <td></td> <td></td>								,	,		765			
MSM072         36         1         CTO/ACCP         12.0.18         756         FN         39' 15.04''         0.9'' 38.02''         1.406         I           MSM072         36         66         ucTo         12.0.18         756         FN         39''''         1.0''''         1.0'''''         1.0''''''''''''''''''''''''''''''''''''											705		CUE1	
MSM72         36         1         CTO/ADCP         12.0.18         7.55         EN         39         15.0.42*         10         97         12.01         12.01         10           MSM72         37         1         CTO/ADCP         12.0.18         11.14         86         39* 40.22*         10         127.3.85*         12.83         74         PHY           MSM72         37         1         CTO/ADCP         12.0.18         11.12         80         39* 40.22*         10         127.3.85*         12.84         13.9         PH         22.9         66         PHY         14.9         12.9													CHE1	
MSM72         36         66         ucrto         12.03.18         9.22         65         97.2162*         0.97         23.112*         12.33         A7         PHY           MSM72         37         1         CTO/ADCP         12.03.18         11.14         66         39*0.222*         N0.97         27.885*         54.94         39         11           MSM72         37         1         CTO/ADCP         12.03.18         11.25         68         39*0.222*         N0.97         28.95         24.7            MSM72         38         1         CTO/ADCP         12.03.18         12.54         86         39*0.222*         N0.97         18.99*6         98.9         C/FE1           MSM72         38         1         CTO/ADCP         12.03.18         14.55         N0         39*50.23*         N0.97*1.699*6         987         15           MSM72         38         1         CTO/ADCP         12.03.18         14.44         84         40*0.10.37*1         10.97*1.09*1.03.18         13.5         15           MSM72         38         1         CTO/ADCPUST         12.03.18         10.03         10.97*1.09*1.03.18         13.5         150         10.07*1.00*1.00*1.00*1.00*1.00*1.00*		36	1				BO	39° 15,043' N		1404	1412	10		
MSM72         36         66         ucrto         12.03.18         9.22         65         97.2162*         0.97         23.112*         12.33         A7         PHY           MSM72         37         1         CTO/ADCP         12.03.18         11.14         66         39*0.222*         N0.97         27.885*         54.94         39         11           MSM72         37         1         CTO/ADCP         12.03.18         11.25         68         39*0.222*         N0.97         28.95         24.7            MSM72         38         1         CTO/ADCP         12.03.18         12.54         86         39*0.222*         N0.97         18.99*6         98.9         C/FE1           MSM72         38         1         CTO/ADCP         12.03.18         14.55         N0         39*50.23*         N0.97*1.699*6         987         15           MSM72         38         1         CTO/ADCP         12.03.18         14.44         84         40*0.10.37*1         10.97*1.09*1.03.18         13.5         15           MSM72         38         1         CTO/ADCPUST         12.03.18         10.03         10.97*1.09*1.03.18         13.5         150         10.07*1.00*1.00*1.00*1.00*1.00*1.00*	MSM72	36	1	CTD/IADCP	12.03.18	7:56	EN	39° 15,042' N	019° 38,020' E	1406				
MSM72         37         1         CTO/ADCP         12.03.18         11.14         6E         39*40221         10         27.885'E         346         39         11           MSM72         37         1         CTO/ADCP         12.03.18         11.36         DN         39*40222'N         109*27.885'E         347         Image: Control 10.03.18         11.45         No         39*4022'N         109*27.885'E         347         Image: Control 10.03.18         1.45         No         39*4022'N         109*27.885'E         347         32         Image: Control 10.03.18         1.45         No         39*50.25'N         109*15.994'E         987         922         15           MSM72         38         1         CTO/ADCP         12.03.18         1.455         EN         39*50.25'N         109*12.802'E         987         922         15           MSM72         39         1         CTO/ADCP/UST         12.03.18         17.24         B4         40*0.23'N         10*12.837'E         989         95         15         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>747</td><td></td><td></td><td></td></td<>											747			
MSM72         37         1         CTD/ADCP         120.3.8         11.36         80         97 40.22%         No 127,885%         134         138           MSM72         37         1         CTD/ADCP         120.3.18         11.36         80         97 40.22%         No 127,885%         134         1           MSM72         38         1         CTD/ADCP         120.3.18         14.44         BE         39 49.22%         No 12 19.903%         836         C         CH1           MSM72         38         1         CTD/ADCP         120.3.18         14.45         B0         39 56.025%         No 12 16.994%         985         C           MSM72         38         64         out CD         120.3.18         14.45         B0         39 56.025%         No 12 16.994%         985         C           MSM72         39         1         CTD/ADCP/UST         120.3.18         17.44         B0         40 10.227%         No 11 8.801%         995         15           MSM72         40         1         CTD/ADCP/UST         120.3.18         17.45         B0         40 10.227%         101 10.307%         99 497         10           MSM72         40 <th1< th=""> <th107 <="" adcp="" td="" ust<=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>PHY</td><td></td></th107></th1<>													PHY	
MSM72         37         1         CT0/ACCP         12.03.18         12.84         EN         97 4.02.27         No         P           MSM72         38         1         CT0/ACCP         12.03.18         14.04         8E         37 4.92.27         89         19.1         67         92.1         67         12.0         14.04         8E         37 5.60.27         10.1         15.94         15           MSM72         38         1         CT0/ACCP         12.03.18         14.45         EN         37 5.60.27         10.1         15.94.45         88         1         14.0           MSM72         38         1         CT0/ACCP/UST         12.03.18         17.44         BE         47 10.237         10.1         15.94.45         80         47 10.237         10.91         19.1         10.00         10.00         14.00<									· · ·		220		PH1	
MSM72         37         67         ucCTD         12:03.18         12:54         8E         19* 49.22%         No 19* 19:091*         283         46         m           MSM72         38         1         CTD/ADCP         12:03.18         14:25         80         39* 55.02%         109* 19:5994*         985         64         64           MSM72         38         68         urCTD         12:03.18         14:35         80         39* 55.02%         109* 19:5994*         985         65         1           MSM72         38         68         urCTD         12:03.18         17:34         86         40* 02.08%         19* 19:202*         985         65         1           MSM72         39         1         CTD/ADCP/UST         12:03.18         17:24         80         40* 10.23*         10* 19:30*         997         10         1         10         13         10         10         10         10         10         10											339	11		
MSM72         38         1         CT0/ADCP         12.03.8         14.04         BE         39" 55.025"         101" 16.94" E         986         CHE1           MSM72         38         1         CT0/ADCP         12.03.8         14.35         EN         39" 55.025"         102" 16.94" E         987         982         15           MSM72         38         68         UCTD         12.03.8         15.44         BE         40" 10.237"         102" 18.80" E         937         PHY           MSM72         39         1         CT0/ADCPLISST         12.03.8         77.44         BE         40" 10.237"         102" 18.80" E         937         C         PHY           MSM72         39         1         CT0/ADCPLISST         12.03.8         17.54         EN         40" 10.237"         102" 18.80" E         937         C         CHE1           MSM72         40         1         CT0/ADCPLISST         12.03.8         21.03         E         40" 10.232"         102" 10.21" E         937         P         PHY           MSM72         41         CT0/ADCPLISST         12.03.8         21.15         E         40" 10.22" N         102" 40.478" E         777         CHE1           MSM72<	MSM72	37	1	CTD/IADCP	12.03.18	11:38	EN	39° 40,222' N	019° 27,886' E	347				
MSM72         38         1         CT0/ADCP         12.03.8         14.25         BO         995.6025 N         012' 16.94'E         982         15           MSM72         38         68         UCTO         12.03.8         15:44         BE         40' 02.055 N         012' 15.20'E         985         97         PHY           MSM72         39         1         CT0/ADCPLISST         12.03.8         17.04         BE         40' 10.237 N         102' 15.80'E         937         PHY           MSM72         39         1         CT0/ADCPLISST         12.03.8         17.04         BE         40' 10.237 N         102' 15.80'E         937         C           MSM72         40         1         CT0/ADCPLISST         12.03.18         12.03         N01' 10.23'N         N01' 10.23'E         10'         10.21'E         950         057         10           MSM72         40         1         CT0/ADCPLISST         12.03.18         21.06         40' 10.22'N         N01' 0.03'K E         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10' </td <td>MSM72</td> <td>37</td> <td>67</td> <td>ucCTD</td> <td>12.03.18</td> <td>12:54</td> <td>BE</td> <td>39° 49,228' N</td> <td>019° 19,903' E</td> <td>823</td> <td>646</td> <td></td> <td></td> <td></td>	MSM72	37	67	ucCTD	12.03.18	12:54	BE	39° 49,228' N	019° 19,903' E	823	646			
MSM72         38         1         CT0/ADCP         12.03.8         14.25         BO         995.6025 N         012' 16.94'E         982         15           MSM72         38         68         UCTO         12.03.8         15:44         BE         40' 02.055 N         012' 15.20'E         985         97         PHY           MSM72         39         1         CT0/ADCPLISST         12.03.8         17.04         BE         40' 10.237 N         102' 15.80'E         937         PHY           MSM72         39         1         CT0/ADCPLISST         12.03.8         17.04         BE         40' 10.237 N         102' 15.80'E         937         C           MSM72         40         1         CT0/ADCPLISST         12.03.18         12.03         N01' 10.23'N         N01' 10.23'E         10'         10.21'E         950         057         10           MSM72         40         1         CT0/ADCPLISST         12.03.18         21.06         40' 10.22'N         N01' 0.03'K E         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10'         10' </td <td>MSM72</td> <td>38</td> <td>1</td> <td>CTD/IADCP</td> <td>12.03.18</td> <td>14:04</td> <td>BE</td> <td>39° 56.025' N</td> <td>019° 16,994' E</td> <td>986</td> <td></td> <td></td> <td>CHE1</td> <td></td>	MSM72	38	1	CTD/IADCP	12.03.18	14:04	BE	39° 56.025' N	019° 16,994' E	986			CHE1	
MSM72         38         1         CTD/LACPU 12.03.8         14-55         EN         39" 56.025 N         102" 15.994" E         985            MSM72         39         1         CTD/LACPUSST         12.03.8         17.04         BE         40" 10.237 N         102" 19.80" E         937         PHY           MSM72         39         1         CTD/LACPUSST         12.03.8         17.24         BO         40" 10.237 N         102" 19.80" E         937         C         HE           MSM72         40         1         CTD/LACPUSST         12.03.8         17.24         BO         40" 10.237 N         102" 19.80" E         937         C         CHE           MSM72         40         1         CTD/LACPUSST         12.03.8         12.03         BE         40" 10.232" N         109" 10.21" E         970         C         CHE           MSM72         41         CTD/LACPUSST         12.03.8         21.17         BE         40" 10.22" N         109" 0.043" E         921         P         PHY           MSM72         41         CTD/LACPUSST         12.03.8         21.81         BO         40" 10.22" N         109" 0.043" E         921         P         PHY           MSM72											092	15		
MSM72         38         68         vct         120.218.8         15.44         88         40° 02.085 N         0.97' 8.202 E         98         695         PHY           MSM72         39         1         CTD/ADCP/UST         120.818         17.24         80         40° 10.237 N         019' 9.831 E         937         PHY           MSM72         39         1         CTD/ADCP/UST         120.818         17.24         80         40° 10.237 N         019' 9.831 E         937         PHY           MSM72         40         1         CTD/ADCP/UST         120.818         120.81         10° 10.237 N         019' 10.217 E         970         CHE1           MSM72         40         1         CTD/ADCP/UST         120.818         21.21         86         40° 10.227 N         10° 10.217 E         977         C         CHE1           MSM72         41         1         CTD/ADCP/UST         120.318         21.36         80         40° 10.227 N         10° 0.045 E         291         10         PHY           MSM72         41         1         CTD/ADCP/UST         120.318         23.31         80         40° 10.227 N         10° 0.457 E         291         10°         10° <td< td=""><td></td><td></td><td></td><td>,</td><td></td><td></td><td></td><td></td><td></td><td></td><td>302</td><td>15</td><td></td><td></td></td<>				,							302	15		
MSM72         39         1         CTO/LADCP/UST         120.318         17.24         80         40710.237 N         01971.98.31 E         937         PHY           MSM72         39         1         CTO/LADCP/UST         120.318         17.24         80         40710.237 N         01971.98.31 E         937         C           MSM72         40         1         CTO/LADCP/UST         120.318         1927         80         40710.237 N         01971.98.31 E         937         C         CHEI           MSM72         40         1         CTO/LADCP/UST         120.318         1927         80         40710.231 N         01970.018 E         907         10           MSM72         41         1         CTO/LADCP/UST         120.318         21.36         60         40710.222 N         01970.0045 E         919         10         PHY           MSM72         42         1         CTO/LADCP/UST         120.318         21.35         86         40710.222 N         01970.0045 E         921         0         10         11         10710ACP/UST         120.318         21.34         0.44710.222 N         01874.9788 E         777         774         10           MSM72         42         1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>														
MSM7Z         39         1         CT0/ADCP/UST         1203.18         172.4         BO         AV         0.0123.27         0.0124.83/1 E         93         925         15           MSM7Z         40         1         CT0/ADCP/UST         1203.18         172.4         EN         AV         0.023.7         0.0124.17         939         0.2         CHE1           MSM7Z         40         1         CT0/ADCP/UST         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.17         1203.18         1203.18         1203.17         1203.17         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1203.18         1002.27         100.045 E         921         1         1203.18         1203.1	MSM72	38	68	uCTD	12.03.18	15:44	BE	40° 02,085' N	019° 18,202' E	996	695			
MSM72         39         1         CT0/ADCP/USST         12.03.18         19.74         E         M         40 <sup>-1</sup> 10.27 <sup>1</sup> N         19.7 <sup>1</sup> 10.21 <sup>1</sup> E         970         CHEI           MSM72         40         1         CT0/ADCP/USST         12.03.18         19.27         B0         40 <sup>-1</sup> 10.27 <sup>1</sup> N         10.1 <sup>1</sup> 10.17 <sup>1</sup> E         970         CHEI           MSM72         40         1         CT0/ADCP/USST         12.03.18         20.00         EV         10.1 <sup>1</sup> 20.17 <sup>1</sup> E         978         C           MSM72         41         1         CT0/ADCP/USST         12.03.18         21.17         B5         40 <sup>-1</sup> 10.222 <sup>1</sup> N         101 <sup>2</sup> 00.045 <sup>1</sup> E         910         PHY           MSM72         41         1         CT0/ADCP/USST         12.03.18         21.36         B0         40 <sup>-1</sup> 10.222 <sup>1</sup> N         101 <sup>2</sup> 00.045 <sup>1</sup> E         926         915         10           MSM72         42         1         CT0/ADCP/USST         12.03.18         23.34         B0         40 <sup>-1</sup> 10.222 <sup>1</sup> N         101 <sup>2</sup> 49.078 <sup>1</sup> E         977         CHE1           MSM72         43         1         CT0/ADCP/USST         13.03.18         10.01         10.012 <sup>2</sup> N         101 <sup>2</sup> 43.015 <sup>1</sup> E         596         P         PHY </td <td>MSM72</td> <td>39</td> <td>1</td> <td>CTD/IADCP/LISST</td> <td>12.03.18</td> <td>17:04</td> <td>BE</td> <td>40° 10,237' N</td> <td>019° 19,830' E</td> <td>937</td> <td></td> <td></td> <td>PHY</td> <td></td>	MSM72	39	1	CTD/IADCP/LISST	12.03.18	17:04	BE	40° 10,237' N	019° 19,830' E	937			PHY	
MSM72         39         1         CT0/ADCP/USST         12.03.18         19.74         E         M         40 <sup>-1</sup> 10.27 <sup>1</sup> N         19.7 <sup>1</sup> 10.21 <sup>1</sup> E         970         CHEI           MSM72         40         1         CT0/ADCP/USST         12.03.18         19.27         B0         40 <sup>-1</sup> 10.27 <sup>1</sup> N         10.1 <sup>1</sup> 10.17 <sup>1</sup> E         970         CHEI           MSM72         40         1         CT0/ADCP/USST         12.03.18         20.00         EV         10.1 <sup>1</sup> 20.17 <sup>1</sup> E         978         C           MSM72         41         1         CT0/ADCP/USST         12.03.18         21.17         B5         40 <sup>-1</sup> 10.222 <sup>1</sup> N         101 <sup>2</sup> 00.045 <sup>1</sup> E         910         PHY           MSM72         41         1         CT0/ADCP/USST         12.03.18         21.36         B0         40 <sup>-1</sup> 10.222 <sup>1</sup> N         101 <sup>2</sup> 00.045 <sup>1</sup> E         926         915         10           MSM72         42         1         CT0/ADCP/USST         12.03.18         23.34         B0         40 <sup>-1</sup> 10.222 <sup>1</sup> N         101 <sup>2</sup> 49.078 <sup>1</sup> E         977         CHE1           MSM72         43         1         CT0/ADCP/USST         13.03.18         10.01         10.012 <sup>2</sup> N         101 <sup>2</sup> 43.015 <sup>1</sup> E         596         P         PHY </td <td>MSM72</td> <td>39</td> <td>1</td> <td>CTD/IADCP/LISST</td> <td>12.03.18</td> <td>17:24</td> <td>BO</td> <td>40° 10.237' N</td> <td>019° 19.831' E</td> <td>935</td> <td>925</td> <td>15</td> <td></td> <td></td>	MSM72	39	1	CTD/IADCP/LISST	12.03.18	17:24	BO	40° 10.237' N	019° 19.831' E	935	925	15		
MSM72         40         1         CT0/IADCP/USST         12.03.18         19.05         BE         A0'10.231'N         0.01'0.10.1''         970         CHE1           MSM72         40         1         CT0/IADCP/USST         12.03.18         20.06         EN         40'10.231'N         011'0.21'F         970         D         D           MSM72         40         1         CT0/IADCP/USST         12.03.18         21.17         BE         40'10.221'N         011'0.00.045'E         913         PHY           MSM72         41         1         CT0/IADCP/USST         12.03.18         21.16         BO         40'10.222'N         012'0.00.45'E         92.1         PHY           MSM72         42         1         CT0/IADCP/USST         12.03.18         21.35         BE         40'10.222'N         012'0.40.47.97E'E         92.1         CHE1           MSM72         42         1         CT0/IADCP/USST         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18         12.03.18														
MSW72         40         1         CT0/ADCP/UST         12.018         19.27         80         40'10.232'N         1019'10.217'E         993         997         10           MSM72         41         1         CTD/ADCP/UST         12.03.18         21.17         BE         40'10.23'N         019'10.217'E         973         -           MSM72         41         1         CTD/ADCP/UST         12.03.18         21.17         BE         40'10.22'N         019'0.0042'E         915         10           MSM72         41         1         CTD/ADCP/UST         12.03.18         23.13         BN         40'10.22'N         10.97'0.054'E         926         915         10           MSM72         42         1         CTD/ADCP/UST         12.03.18         32.13         BN         40'10.22'N         10.8'4.978'E         777         74         10           MSM72         43         1         CTD/ADCP/UST         13.03.18         12.02         10.8'4.978'E         577         PHY           MSM72         43         1         CTD/ADCP/UST         13.03.18         12.22         80         40'10.22'N         10.8'4.301'E         598         9           MSM72         43         1													01154	
MSW72         40         1         CT0/ADCP/UST         12.03.18         20.06         EN         40'10.23'N         0.19'10.042'E         91         PHY           MSW72         41         1         CT0/ADCP/UST         12.03.18         21:17         6E         40'10.22'N         019'0.0043'E         910         PHY           MSM72         41         1         CT0/ADCP/UST         12.03.18         21:17         6E         40'10.22'N         019'0.0043'E         920         915         10           MSM72         42         1         CT0/ADCP/UST         12.03.18         21:3         6E         40'10.22'N         018'49.789'E         777         CHEI           MSM72         42         1         CT0/ADCP/UST         13.03.18         10.06         EN         40'10.22'N         018'49.789'E         777         H         10           MSM72         43         1         CT0/ADCP/UST         13.03.18         1.07         BE         40'10.22'N         018'43.015'E         597         PHY           MSM72         43         1         CT0/ADCP/UST         13.03.18         1.48         BE         39'47.05'N         108'43.015'S         597         PHY           MSM72         43 </td <td></td> <td>CHE1</td> <td></td>													CHE1	
MSW72         41         1         CT0/ADCP/USST         12.01.8         21.17         BE         40'10.220' N         019'00.045' E         919         PHY           MSW72         41         1         CT0/ADCP/USST         12.03.18         22.13         6N         40'10.222' N         019'00.045' E         915         10           MSM72         41         1         CT0/ADCP/USST         12.03.18         23.15         BE         40'10.222' N         019'00.045' E         926         915         10           MSM72         42         1         CT0/ADCP/USST         12.03.18         23.34         80.         40'10.222' N         018'4.97.85' E         777         74         10           MSM72         43         1         CT0/ADCP/USST         13.03.18         10.22' N         018'4.97.85' E         597         PHY           MSM72         43         1         CT0/ADCP/USST         13.03.18         13.03.18         13.03.18         13.02' N         018'4.30.15' E         598             MSM72         43         71         uCTD         13.03.18         13.82 E         39'4.010'N 018'4.90.15' 0.5'7 E         174'             MSM72         43	MSM72	40	1		12.03.18	19:27	BO	40° 10,232' N	019° 10,217' E	969	967	10		
MSM72         41         1         CTD/IADCP/USST         12.03.18         21.36         80         40° 10.222 N         0.19° 00.045° E         926         915         10           MSM72         42         1         CTD/IADCP/USST         12.03.18         22:13         EN         40° 10.222 N         0.19° 00.045° E         926         915         10           MSM72         42         1         CTD/IADCP/USST         12.03.18         23:14         BE         40° 10.223 N         0.18° 49,789° E         777         74         10           MSM72         42         1         CTD/IADCP/USST         13.03.18         0.06         EN         40° 10.223 N         0.18° 49,789° E         777         74         10           MSM72         43         1         CTD/IADCP/USST         13.03.18         1.07         BE         40° 10.223 N         0.18° 49,10° E         598         599         9           MSM72         43         1         CTD/IADCP/USST         13.03.18         1.12         BO         40° 10.223 N         0.18° 49,10° E         598         599         9           MSM72         43         71         uCTD         13.03.18         1.18         BE         39° 46,10° N         10'9'0,	MSM72	40	1	CTD/IADCP/LISST	12.03.18	20:06	EN	40° 10,231' N	019° 10,217' E	973				
MSM72         41         1         CTD/IADCP/USST         12.03.18         21.36         80         40° 10.222 N         0.19° 00.045° E         926         915         10           MSM72         42         1         CTD/IADCP/USST         12.03.18         22:13         EN         40° 10.222 N         0.19° 00.045° E         926         915         10           MSM72         42         1         CTD/IADCP/USST         12.03.18         23:14         BE         40° 10.223 N         0.18° 49,789° E         777         74         10           MSM72         42         1         CTD/IADCP/USST         13.03.18         0.06         EN         40° 10.223 N         0.18° 49,789° E         777         74         10           MSM72         43         1         CTD/IADCP/USST         13.03.18         1.07         BE         40° 10.223 N         0.18° 49,10° E         598         599         9           MSM72         43         1         CTD/IADCP/USST         13.03.18         1.12         BO         40° 10.223 N         0.18° 49,10° E         598         599         9           MSM72         43         71         uCTD         13.03.18         1.18         BE         39° 46,10° N         10'9'0,	MSM72	41	1	CTD/IADCP/LISST	12.03.18	21:17	BE	40° 10.220' N	019° 00.043' E	919			PHY	
MSM72         41         1         CTD/IADCP/USST         120.318         22.13         EN         40° 10.223° N         0.16° 40,785 E         777         C         CHE1           MSM72         42         1         CTD/IADCP/USST         12.03.18         23:15         BE         40° 10.223° N         0.18° 40,785 E         777         C         CHE1           MSM72         42         1         CTD/IADCP/USST         13.03.18         0.06         EN         40° 10.223° N         0.18° 40,785 E         777         10           MSM72         43         1         CTD/IADCP/USST         13.03.18         10.27         BE         40° 10.232° N         0.18° 43,015° E         597         PHY           MSM72         43         1         CTD/IADCP/USST         13.03.18         1.22         BO         40° 10.229° N         0.18° 43,016° E         598         9           MSM72         43         1         CTD/IADCP/USST         13.03.18         1.28         BE         39° 49,705° N         0.18° 56,53° E         904         71.8         11         10.23.17         74         10         10.21.175         10         10.03.18         10.16         10.23.17         74.17         10.23.179         10         10.33.											015	10		
MSM72         42         1         CTD/IADCP/UST         1203.18         233.4         BE         40*10.223*N         0.18*97.89*E         777         C         CHEI           MSM72         42         1         CTD/IADCP/UST         13.03.18         0:06         EN         40*10.223*N         0.18*97.89*E         777         10           MSM72         43         1         CTD/IADCP/UST         13.03.18         0:06         EN         40*10.223*N         0.18*97.89*E         774         10           MSM72         43         1         CTD/IADCP/UST         13.03.18         1:22         80         40*10.022*N         0.18*49.015*E         597         PHY           MSM72         43         1         CTD/IADCP/UST         13.03.18         1:22         80         47:00.22*N         0.18*49.015*E         598         PHY           MSM72         43         70         uCTD         13.03.18         1:12         88         39*36.106*N         0.19*9.094*E         1062.1         724         PHY           MSM72         43         72         uCTD         13.03.18         10:16         BE         39*2.012*N         10.4*1.96*1'E         1062.3         727         P           MSM72<											515	10		
MSM72         42         1         CTD/IADCP/USST         12.03.18         23.34         BO         40° 10.223'N         0.18° 49,788'E         777         774         10           MSM72         43         1         CTD/IADCP/USST         13.03.18         1.07         BE         40° 10.223'N         0.18° 49,788'E         774             MSM72         43         1         CTD/IADCP/USST         13.03.18         1.07         BE         40° 10.223'N         0.18° 49,016'E         598             MSM72         43         1         CTD/IADCP/USST         13.03.18         1.149         EN         40° 10.022'N         0.18° 43,016'E         598             MSM72         43         70         uCTD         13.03.18         6:18         BE         39° 49,705'N         0.18° 43,016'E         598              106.1         BE         39° 67,10'N         0.19° 19,285'E         1167,6         727             MSM72         43         74         uCTD         13.03.18         1215         BE         39° 67,414'N         0.19° 19,285'E         1162,1         734														
MSM72         42         1         CTD/IADCP/USST         13.03.18         1:0:0         EN         40* 10.222* N         0.18* 49.79* E         7.4         PHY           MSM72         43         1         CTD/IADCP/USST         13.03.18         1:07         BE         40* 10.230* N         0.18* 49.016* E         597         PHY           MSM72         43         1         CTD/IADCP/USST         13.03.18         1:49         EN         40* 10.229* N         0.18* 49.016* E         598         PHY           MSM72         43         1         CTD/IADCP/USST         13.03.18         1:49         EN         40* 10.229* N         0.18* 49.016* E         598         PHY           MSM72         43         70         uCTD         13.03.18         1:13         BE         39* 20.90* N         0.18* 56.53* E         904         718         PHY           MSM72         43         71         uCTD         13.03.18         10:15         BE         39* 20.90* N         10!9* 0.80* E         140.5         727         PHY           MSM72         43         73         uCTD         13.03.18         14:14         BE         39* 20.90* N         10.91* 0.90* E         140.5         729         PHY	MSM72	42	1	CTD/IADCP/LISST	12.03.18	23:15	BE	40° 10,223' N	018° 49,789' E	777			CHE1	
MSM72         43         1         CTD/IADCP/USST         13.03.18         1:07         BE         40' 10.229' N         0.18' 43.015' E         597         PHY           MSM72         43         1         CTD/IADCP/USST         13.03.18         1:22         BO         40' 10.229' N         0.18' 43.016' E         598         599 <t< td=""><td>MSM72</td><td>42</td><td>1</td><td>CTD/IADCP/LISST</td><td>12.03.18</td><td>23:34</td><td>BO</td><td>40° 10,223' N</td><td>018° 49,788' E</td><td>777</td><td>774</td><td>10</td><td></td><td></td></t<>	MSM72	42	1	CTD/IADCP/LISST	12.03.18	23:34	BO	40° 10,223' N	018° 49,788' E	777	774	10		
MSM72         43         1         CTD/IADCP/USST         13.03.18         1:07         BE         40' 10.229' N         0.18' 43.015' E         597         PHY           MSM72         43         1         CTD/IADCP/USST         13.03.18         1:22         BO         40' 10.229' N         0.18' 43.016' E         598         599 <t< td=""><td>MSM72</td><td>42</td><td>1</td><td></td><td></td><td>0.06</td><td>EN</td><td>40° 10.222' N</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	MSM72	42	1			0.06	EN	40° 10.222' N						
MSM72         43         1         CTD/IADCP/UISST         13.03.18         1.22         00         40° 10.229' N         018° 43.016' E         598         9           MSM72         43         1         CTD/IADCP/UISST         13.03.18         1.49         EN         40' 10.229' N         018° 43.016' E         598				CTD/IADCP/LISST	13.03.18			TO LOJELE IT	018° 49.789' F	774				
MSM72         43         1         CTD/IADCP/LUSST         13.03.18         1.49         F.N         40' 10.22* N         018' 43.016'         598         M           MSM72         43         69         uCTD         13.03.18         61.18         BE         39' 49,705'N         018' 56,63'E         904         718           MSM72         43         70         uCTD         13.03.18         61.8         BE         39' 22,39'O         108' 56,63'E         904         718           MSM72         43         71         uCTD         13.03.18         BE         39' 22,39'O         109' 39,60'F         1102,3         727            MSM72         43         73         uCTD         13.03.18         12:15         BE         39' 23,96'O         130.43.0         729            MSM72         43         74         uCTD         13.03.18         14:14         BE         38' 24,23'O         0.0' 23,64'E         176,4         72            MSM72         43         76         uCTD         13.03.18         18:12         BE         38' 24,23'O         0.2' 21,64'E         159.2         746            MSM72         43         76         uCT	MSN/72							40° 10 220' N						
MSM72         43         69         uCTD         13.03.18         4:18         BE         39' 49,705'N         018' 58,653'E         904         718           MSM72         43         70         uCTD         13.03.18         6:18         BE         39' 36,106'N         019' 08,904'E         102,1         754           MSM72         43         71         uCTD         13.03.18         113         BE         39' 22,396'N         019' 30,607'E         1102,3         797           MSM72         43         72         uCTD         13.03.18         111         BE         39' 22,396'N         019' 30,607'E         1102,3         797           MSM72         43         74         uCTD         13.03.18         114'14         BE         38' 52,918'N         116'14,90,572         729           MSM72         43         75         uCTD         13.03.18         16'13         BE         38' 20,160'N         02''0,340'E         2684,6         712.           MSM72         43         76         uCTD         13.03.18         12'14         BE         38' 20,160'N         02''0,3585'E         1129,2         697           MSM72         43         78         uCTD         14.03.18		43		CTD/IADCP/LISST	13.03.18	1:07	BE		018° 43,015' E	597	500	^	PHY	
MSM72         43         70         uCTD         13.03.18         6:18         BE         39° 36,109°         101° 08,904°         1082,1         754           MSM72         43         71         uCTD         13.03.18         8:13         BE         39° 22,396° N         019° 19,285° E         1167,6         727           MSM72         43         73         uCTD         13.03.18         10:16         BE         39° 07,414' N         019° 19,285° E         1167,6         727           MSM72         43         73         uCTD         13.03.18         12:15         BE         38° 52,918'N         019° 41,961'E         1340,5         729           MSM72         43         75         uCTD         13.03.18         16:13         BE         38' 09,190'N         020' 11,644'E         250,2         746           MSM72         43         76         uCTD         13.03.18         12:15         BE         37' 54,040'N         020' 23,862'E         159,2         739           MSM72         43         76         uCTD         13.03.18         0:14         BE         37' 25,698'N         020' 35,88'E         152,2         739           MSM72         43         80         uCTD	MSM72	43 43	1	CTD/IADCP/LISST CTD/IADCP/LISST	13.03.18 13.03.18	1:07 1:22	BE BO	40° 10,229' N	018° 43,015' E 018° 43,016' E	597 598	589	9	PHY	
MSM72         43         70         uCTD         13.03.18         6:18         BE         39° 36,109°         101° 08,904°         1082,1         754           MSM72         43         71         uCTD         13.03.18         8:13         BE         39° 22,396° N         019° 19,285° E         1167,6         727           MSM72         43         73         uCTD         13.03.18         10:16         BE         39° 07,414' N         019° 19,285° E         1167,6         727           MSM72         43         73         uCTD         13.03.18         12:15         BE         38° 52,918'N         019° 41,961'E         1340,5         729           MSM72         43         75         uCTD         13.03.18         16:13         BE         38' 09,190'N         020' 11,644'E         250,2         746           MSM72         43         76         uCTD         13.03.18         12:15         BE         37' 54,040'N         020' 23,862'E         159,2         739           MSM72         43         76         uCTD         13.03.18         0:14         BE         37' 25,698'N         020' 35,88'E         152,2         739           MSM72         43         80         uCTD	MSM72	43 43	1	CTD/IADCP/LISST CTD/IADCP/LISST	13.03.18 13.03.18	1:07 1:22	BE BO	40° 10,229' N 40° 10,229' N	018° 43,015' E 018° 43,016' E 018° 43,016' E	597 598 598	589	9	PHY	
MSM72         43         71         uCTD         13.03.18         8:13         BE         39° 22,396'N         019° 19,285'E         1167,6         727           MSM72         43         72         uCTD         13.03.18         10:16         BE         39° 07,414'N         019° 30,607'E         110.23         797           MSM72         43         73         uCTD         13.03.18         12:15         BE         38° 52,918'N         019° 43,061'E         1340.57         729           MSM72         43         74         uCTD         13.03.18         14:14         BE         38° 52,918'N         019° 52,648'E         170,17         731           MSM72         43         76         uCTD         13.03.18         12:12         BE         38' 09,169'N         020' 13,644'E         2505,2         746           MSM72         43         77         uCTD         13.03.18         22:15         BE         37' 36,69'N         020' 23,585'E         1129,2         697           MSM72         43         79         uCTD         14.03.18         2:15         BE         37' 26,69'N         020' 35,58'E         1129,2         697           MSM72         43         80         uCTD	MSM72 MSM72	43 43 43	1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	13.03.18 13.03.18 13.03.18	1:07 1:22 1:49	BE BO EN	40° 10,229' N 40° 10,229' N	018° 43,015' E 018° 43,016' E 018° 43,016' E	597 598 598		9	PHY	
MSM72         43         72         uCTD         13.03.18         10:16         BE         39° 07,14'N         019° 30,607'E         1102,3         797           MSM72         43         73         uCTD         13.03.18         12:15         BE         38° 50,918'N         019° 41,961'E         140,05         729           MSM72         43         74         uCTD         13.03.18         16:13         BE         38° 38,660'N         019° 41,961'E         140,05         729           MSM72         43         76         uCTD         13.03.18         16:13         BE         38° 24,230'N         020° 03,409'E         2684,6         712           MSM72         43         76         uCTD         13.03.18         20:14         BE         37° 54,040'N         020° 32,862'E         159,2         739           MSM72         43         79         uCTD         14.03.18         0:14         BE         37° 25,669'N         020° 45,781'E         1361,7         701           MSM72         43         80         uCTD         14.03.18         6:16         BE         36° 36,692'N         021° 43,786'E         120,2         697           MSM72         43         82         uCTD	MSM72 MSM72 MSM72	43 43 43 43	1 1 1 69	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST uCTD	13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18	BE BO EN BE	40° 10,229' N 40° 10,229' N 39° 49,705' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E	597 598 598 904	718	9	PHY	
MSM72         43         73         UCTD         13.03.18         12:15         BE         38° 52,918' N         019° 41,961' E         1340,5         729           MSM72         43         74         UCTD         13.03.18         14:14         BE         38° 38,660' N         019° 52,648' E         1761,7         731           MSM72         43         75         UCTD         13.03.18         16:13         BE         38° 24,230' N         020° 34,069' E         268,66         712            MSM72         43         76         UCTD         13.03.18         20:14         BE         38° 09,169' N         020° 11,644' E         2505,2         746            MSM72         43         77         UCTD         13.03.18         22:15         BE         37° 39,699' N         020° 35,587' E         1129,2         697             MSM72         43         80         UCTD         14.03.18         0:14         BE         37° 25,699' N         020° 45,781' E         3361,7         701            MSM72         43         81         UCTD         14.03.18         8:13         BE         36° 26,328' N         021° 3,766' E         3898,2         847	MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43	1 1 69 70	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST uCTD uCTD	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18	BE BO EN BE BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E	597 598 598 904 1082,1	718 754	9	PHY	
MSM72         43         74         uCTD         13.03.18         14:14         BE         38' 38,660'N         019' 52,648' E         1761,7         731           MSM72         43         75         uCTD         13.03.18         16:13         BE         38' 24,230'N         020' 03,409'E         2884,6         712            MSM72         43         76         uCTD         13.03.18         18:12         BE         38' 24,230'N         020' 03,409'E         2505,2         746            MSM72         43         77         uCTD         13.03.18         20:14         BE         37' 54,040'N         020' 33,552'E         1599,2         739            MSM72         43         79         uCTD         14.03.18         0:14         BE         37' 52,669'N         020' 45,781'E         361,7         701             MSM72         43         80         uCTD         14.03.18         6:16         BE         36' 53,692'N         021' 33,766'E         3898,2         847            MSM72         43         82         uCTD         14.03.18         16:18         BE         35' 01,984'N         022' 40,019'E         3154         CHE1 </td <td>MSM72 MSM72 MSM72 MSM72 MSM72</td> <td>43 43 43 43 43 43 43</td> <td>1 1 69 70 71</td> <td>CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST uCTD uCTD uCTD uCTD</td> <td>13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18</td> <td>1:07 1:22 1:49 4:18 6:18 8:13</td> <td>BE BO EN BE BE BE</td> <td>40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N</td> <td>018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E</td> <td>597 598 598 904 1082,1 1167,6</td> <td>718 754 727</td> <td>9</td> <td>PHY</td> <td></td>	MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43	1 1 69 70 71	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST uCTD uCTD uCTD uCTD	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13	BE BO EN BE BE BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E	597 598 598 904 1082,1 1167,6	718 754 727	9	PHY	
MSM72         43         75         uCTD         13.03.18         16:13         BE         38' 24,230'N         020' 03,409'E         2684,6         712           MSM72         43         76         uCTD         13.03.18         18:12         BE         38' 09,169'N         020' 11,644'E         2505,2         746           MSM72         43         77         uCTD         13.03.18         20:14         BE         37' 54,040'N         020' 23,862'E         1599,2         739           MSM72         43         78         uCTD         14.03.18         0:14         BE         37' 39,699'N         020' 53,585'E         1129,2         697           MSM72         43         80         uCTD         14.03.18         0:14         BE         37' 25,669'N         020' 45,781'E         3361,7         701           MSM72         43         80         uCTD         14.03.18         6:16         BE         36' 53,692'N         021' 39,335'E         2015,9         771           MSM72         43         81         uCTD         14.03.18         16:18         BE         36' 26,328'N         021' 22,171'E         4108         76'E         399,62'N         021' 22,171'E         108'108         10'108	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43	1 1 69 70 71 72	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST uCTD uCTD uCTD uCTD uCTD	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16	BE BO EN BE BE BE BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 39° 07,414' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E	597 598 598 904 1082,1 1167,6 1102,3	718 754 727 797	9	PHY	
MSM72         43         76         uCTD         13.03.18         18:12         BE         38'09,169' N         020' 11,644' E         2505,2         746           MSM72         43         77         uCTD         13.03.18         20:14         BE         37' 36,040' N         020' 23,862' E         1599,2         739            MSM72         43         78         uCTD         13.03.18         22:15         BE         37' 39,699' N         020' 43,781' E         1129,2         697            MSM72         43         79         uCTD         14.03.18         0:14         BE         37' 39,669' N         020' 45,781' E         3061,7         701           MSM72         43         80         uCTD         14.03.18         6:16         BE         36' 53,692' N         021' 09,335' E         2015,9         771           MSM72         43         82         uCTD         14.03.18         BE         36' 26,328' N         021' 22,717' E         4108         745           MSM72         44         1         CTD/ADCP         14.03.18         BE         35' 02,016' N         022' 40,019' E         3154         3186         15.16           MSM72         44         1 </td <td>MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72</td> <td>43 43 43 43 43 43 43 43 43 43</td> <td>1 1 69 70 71 72 73</td> <td>CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD</td> <td>13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18</td> <td>1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15</td> <td>BE BO EN BE BE BE BE BE</td> <td>40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N</td> <td>018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E</td> <td>597 598 904 1082,1 1167,6 1102,3 1340,5</td> <td>718 754 727 797 729</td> <td>9</td> <td>PHY</td> <td></td>	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43	1 1 69 70 71 72 73	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15	BE BO EN BE BE BE BE BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E	597 598 904 1082,1 1167,6 1102,3 1340,5	718 754 727 797 729	9	PHY	
MSM72         43         76         uCTD         13.03.18         18:12         BE         38'09,169' N         020' 11,644' E         2505,2         746           MSM72         43         77         uCTD         13.03.18         20:14         BE         37' 36,040' N         020' 23,862' E         1599,2         739            MSM72         43         78         uCTD         13.03.18         22:15         BE         37' 39,699' N         020' 43,781' E         1129,2         697            MSM72         43         79         uCTD         14.03.18         0:14         BE         37' 39,669' N         020' 45,781' E         3061,7         701           MSM72         43         80         uCTD         14.03.18         6:16         BE         36' 53,692' N         021' 09,335' E         2015,9         771           MSM72         43         82         uCTD         14.03.18         BE         36' 26,328' N         021' 22,717' E         4108         745           MSM72         44         1         CTD/ADCP         14.03.18         BE         35' 02,016' N         022' 40,019' E         3154         3186         15.16           MSM72         44         1 </td <td>MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72</td> <td>43 43 43 43 43 43 43 43 43 43</td> <td>1 1 69 70 71 72 73</td> <td>CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD</td> <td>13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18</td> <td>1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15</td> <td>BE BO EN BE BE BE BE BE</td> <td>40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N</td> <td>018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 019° 52,648' E</td> <td>597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7</td> <td>718 754 727 797 729</td> <td>9</td> <td>PHY</td> <td></td>	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43	1 1 69 70 71 72 73	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15	BE BO EN BE BE BE BE BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 019° 52,648' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7	718 754 727 797 729	9	PHY	
MSM72         43         77         uCTD         13.03.18         20:14         BE         37' 54,040' N         020' 23,862' E         1599,2         739            MSM72         43         78         uCTD         13.03.18         22:15         BE         37' 39,699' N         020' 35,585' E         1129,2         697            MSM72         43         79         uCTD         14.03.18         0:14         BE         37' 25,669' N         020' 45,781' E         3361,7         701            MSM72         43         80         uCTD         14.03.18         6:16         BE         36' 53,692' N         021' 09,335' E         2015,9         771            MSM72         43         81         uCTD         14.03.18         6:16         BE         36' 26,328' N         021' 09,335' E         2015,9         771           MSM72         43         82         uCTD         14.03.18         16:18         BE         36' 20,28' N         021' 33,766' E         389,2         847           MSM72         44         1         CTD/IADCP         14.03.18         17:18         BO         35' 02,016' N         022' 40,04' E         3154         3166         15.16<	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43	1 1 69 70 71 72 73 74	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14	BE BO EN BE BE BE BE BE BE BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N 38° 38,660' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 019° 52,648' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7	718 754 727 797 729 731	9	РНҮ 	
MSM72         43         78         uCTD         13.03.18         22:15         BE         37" 39,699' N         020" 35,585' E         1129,2         697            MSM72         43         79         uCTD         14.03.18         0:14         BE         37" 25,669' N         020" 45,781' E         3361,7         701            MSM72         43         80         uCTD         14.03.18         4:13         BE         36" 53,692' N         021" 09,337' E         2015,9         771            MSM72         43         81         uCTD         14.03.18         6:16         BE         36" 26,328' N         021" 33,766' E         3898,2         847            MSM72         44         1         CTD/IADCP         14.03.18         BE         36" 26,328' N         021" 33,766' E         3898,2         847            MSM72         44         1         CTD/IADCP         14.03.18         BE         35" 02,961' N         022" 40,019' E         3154         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         18:36         EN         35" 02,016' N         022" 40,019' E         3155            MSM72 <td>MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72</td> <td>43 43 43 43 43 43 43 43 43 43 43</td> <td>1 1 69 70 71 72 73 74 75</td> <td>CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT</td> <td>13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18</td> <td>1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13</td> <td>BE BO EN BE BE BE BE BE BE BE BE</td> <td>40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N 38° 38,660' N 38° 24,230' N</td> <td>018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 019° 52,648' E 020° 03,409' E</td> <td>597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6</td> <td>718 754 727 797 729 731 712</td> <td>9</td> <td>PHY</td> <td></td>	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43	1 1 69 70 71 72 73 74 75	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13	BE BO EN BE BE BE BE BE BE BE BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N 38° 38,660' N 38° 24,230' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 019° 52,648' E 020° 03,409' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6	718 754 727 797 729 731 712	9	PHY	
MSM72         43         79         UCTD         14.03.18         0:14         BE         37° 25,669' N         020° 45,781' E         3361,7         701           MSM72         43         80         UCTD         14.03.18         4:13         BE         36° 53,692' N         021° 09,335' E         2015,9         771           MSM72         43         81         UCTD         14.03.18         6:16         BE         36° 53,692' N         021° 09,335' E         2015,9         771           MSM72         43         82         UCTD         14.03.18         6:16         BE         36° 26,328' N         021° 32,76' E         3898,2         847           MSM72         44         1         CTD/IADCP         14.03.18         16:18         BE         35° 0,984' N         022° 40,04' E         3154         3186         15.16           MSM72         44         1         CTD/IADCP         14.03.18         18:36         EN         35° 0,016' N         022° 40,04' E         3154         3186         15.16           MSM72         44         1         CTD/IADCP         14.03.18         19:32         BE         35° 0,420' N         022° 20,042' E         3314         PHY           MSM72	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43	1 1 69 70 71 72 73 74 75 76	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12	BE BO EN BE BE BE BE BE BE BE BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N 38° 38,660' N 38° 24,230' N 38° 09,169' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 019° 52,648' E 020° 03,409' E 020° 11,644' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2	718 754 727 797 729 731 712 746	9	РНҮ 	
MSM72         43         80         uCTD         14.03.18         4:13         BE         36° 53,692' N         021° 09,335' E         2015,9         771           MSM72         43         81         uCTD         14.03.18         6:16         BE         36° 39,668' N         021° 22,171' E         4108         745           MSM72         43         82         uCTD         14.03.18         8:13         BE         36° 26,328' N         021° 32,767' E         3898,2         847           MSM72         44         1         CTD/IADCP         14.03.18         16:18         BE         35° 01,984' N         022° 40,041' E         3154         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         16:18         BE         35° 02,016' N         022° 40,019' E         3154         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         18:36         EN         35° 02,016' N         022° 40,019' E         3155         CHE1           MSM72         44         83         uCTD         14.03.18         18:36         EN         35° 04,629' N         022° 20,042' E         3314         PHY           MSM72         45         1	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 07,414' N 38° 52,918' N 38° 38,660' N 38° 24,230' N 38° 09,169' N 37° 54,040' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 019° 52,648' E 020° 03,409' E 020° 11,644' E 020° 23,862' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2	718 754 727 797 729 731 712 746 739	9	PHY	
MSM72         43         81         uCTD         14.03.18         6:16         BE         36° 39,668' N         021° 22,171' E         4108         745           MSM72         43         82         uCTD         14.03.18         8:13         BE         36° 26,328' N         021° 33,766' E         3898,2         847           MSM72         44         1         CTD/IADCP         14.03.18         16:18         BE         35° 01,984' N         022° 40,044' E         3154         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         17:18         BO         35° 02,016' N         022° 40,019' E         3154         S154         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         18:36         EN         35° 02,016' N         022° 40,019' E         3154         3156         D           MSM72         44         1         CTD/IADCP         14.03.18         19:32         BE         35° 04,90' N         022° 20,042' E         3314         PHY           MSM72         45         1         CTD/IADCP         14.03.18         21:53         BO         35° 04,629' N         022° 20,007' E         3314         PHY           MSM72 </td <td>MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72</td> <td>43 43 43 43 43 43 43 43 43 43 43 43 43 4</td> <td>1 1 69 70 71 72 73 74 75 76 77 78</td> <td>CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT</td> <td>13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18</td> <td>1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15</td> <td>BE           BO           EN           BE           BE</td> <td>40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39° 07,414' N 38° 52,918' N 38° 22,396' N 38° 24,290' N 38° 24,230' N 38° 09,169' N 37' 54,040' N 37' 39,699' N</td> <td>018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 020° 33,009' E 020° 11,644' E 020° 23,862' E 020° 35,585' E</td> <td>597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2</td> <td>718 754 727 797 729 731 712 746 739 697</td> <td>9</td> <td>РНҮ </td> <td></td>	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39° 07,414' N 38° 52,918' N 38° 22,396' N 38° 24,290' N 38° 24,230' N 38° 09,169' N 37' 54,040' N 37' 39,699' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 020° 33,009' E 020° 11,644' E 020° 23,862' E 020° 35,585' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2	718 754 727 797 729 731 712 746 739 697	9	РНҮ 	
MSM72         43         81         uCTD         14.03.18         6:16         BE         36° 39,668' N         021° 22,171' E         4108         745         Image: Constraint of the constraint	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 38° 52,918' N 38° 52,918' N 38° 38,660' N 38° 24,230' N 38° 09,169' N 37° 54,040' N 37° 39,699' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 019° 52,648' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 35,585' E 020° 45,781' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7	718 754 727 797 729 731 712 746 739 697 701	9	PHY	
MSM72         43         82         uCTD         14.03.18         8:13         BE         36° 26,328' N         021° 33,766' E         3898,2         847         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         16:18         BE         35° 01,984' N         022° 40,044' E         3154         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         17:18         BO         35° 02,016' N         022° 40,019' E         3154         S166         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         18:36         EN         35° 02,016' N         022° 40,019' E         3156         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         19:32         BE         35° 03,141' N         022° 40,019' E         3156         CHE1           MSM72         44         5         1         CTD/IADCP         14.03.18         19:32         BE         35° 04,950' N         022° 20,042' E         3314         PHY           MSM72         45         1         CTD/IADCP         14.03.18         21:53         BO         35° 04,629' N         022° 20,007' E         3314         PHY	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 38° 52,918' N 38° 52,918' N 38° 38,660' N 38° 24,230' N 38° 09,169' N 37° 54,040' N 37° 39,699' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 019° 52,648' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 35,585' E 020° 45,781' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7	718 754 727 797 729 731 712 746 739 697 701	9	PHY	
MSM72         44         1         CTD/IADCP         14.03.18         16:18         BE         35° 01,984' N         022° 40,044' E         3154         CHE1           MSM72         44         1         CTD/IADCP         14.03.18         17:18         BO         35° 02,016' N         022° 40,019' E         3154         3186         15.16           MSM72         44         1         CTD/IADCP         14.03.18         18:36         EN         35° 02,016' N         022° 40,019' E         3154         3186         15.16           MSM72         44         83         uCTD         14.03.18         19:32         BE         35° 03,141' N         022° 40,019' E         3346,7         731            MSM72         45         1         CTD/IADCP         14.03.18         21:53         BO         35° 04,628' N         022° 20,009' E         3321         3372         11.2           MSM72         45         1         CTD/IADCP         14.03.18         21:53         BC         35° 04,628' N         022° 20,007' E         3309             MSM72         45         1         CTD/IADCP         14.03.18         23:45         BE         35° 07,209' N         022° 20,007' E         3	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 38° 52,918' N 38° 38,660' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 37° 54,040' N 37° 35,669' N 36° 53,692' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 019° 52,648' E 020° 03,409' E 020° 11,644' E 020° 23,585' E 020° 45,781' E 021° 09,335' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9	718 754 727 797 729 731 712 746 739 697 701 771	9	PHY	
MSM72         44         1         CTD/IADCP         14.03.18         17:18         BO         35° 02,016' N         022° 40,019' E         3154         3186         15.16           MSM72         44         1         CTD/IADCP         14.03.18         18:36         EN         35° 02,016' N         022° 40,019' E         3154         3186         15.16           MSM72         44         83         UCTD         14.03.18         19:32         BE         35° 03,141' N         022° 40,019' E         3155             MSM72         45         1         CTD/IADCP         14.03.18         19:32         BE         35° 04,590' N         022° 20,042' E         3314         PHY           MSM72         45         1         CTD/IADCP         14.03.18         20:53         BO         35° 04,629' N         022° 20,002' E         3321         3372         11.2           MSM72         45         1         CTD/IADCP         14.03.18         23:55         EN         35° 04,629' N         022° 20,007' E         3309             MSM72         45         1         CTD/IADCP         14.03.18         23:45         BE         35° 07,209' N         021° 59,405' E         3252 <td>MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72</td> <td>43 43 43 43 43 43 43 43 43 43 43 43 43 4</td> <td>1 1 69 70 71 72 73 74 75 76 77 78 79 80 81</td> <td>CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT</td> <td>13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18</td> <td>1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16</td> <td>BE           BO           EN           BE           BE</td> <td>40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 38° 52,918' N 38° 38,660' N 38° 38,660' N 38° 24,230' N 38° 24,230' N 37° 54,040' N 37° 39,699' N 37° 35,692' N 36° 53,692' N</td> <td>018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 019° 52,648' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 35,852' E 020° 45,781' E 021° 09,335' E</td> <td>597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108</td> <td>718 754 727 797 729 731 712 746 739 697 701 771 771 745</td> <td>9</td> <td>PHY</td> <td></td>	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 38° 52,918' N 38° 38,660' N 38° 38,660' N 38° 24,230' N 38° 24,230' N 37° 54,040' N 37° 39,699' N 37° 35,692' N 36° 53,692' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 019° 52,648' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 35,852' E 020° 45,781' E 021° 09,335' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108	718 754 727 797 729 731 712 746 739 697 701 771 771 745	9	PHY	
MSM72         44         1         CTD/IADCP         14.03.18         18:36         EN         35° 02,016' N         022° 40,019' E         3155             MSM72         44         83         uCTD         14.03.18         19:32         BE         35° 03,141' N         022° 31,015' E         3346,7         731           MSM72         45         1         CTD/IADCP         14.03.18         20:50         BE         35° 04,590' N         022° 20,002' E         3314         PHY           MSM72         45         1         CTD/IADCP         14.03.18         21:53         BO         35° 04,629' N         022° 20,002' E         3314         PHY           MSM72         45         1         CTD/IADCP         14.03.18         22:55         EN         35° 04,629' N         022° 20,007' E         3309            MSM72         45         1         CTD/IADCP         14.03.18         23:45         BE         35° 04,629' N         022° 20,007' E         3309            MSM72         45         84         uCTD         14.03.18         23:45         BE         35° 07,209' N         022° 10,493' E         3185,9         705           MSM72         46	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 76 77 78 79 80 81 82	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 07,414' N 38° 52,918' N 38° 52,918' N 38° 22,396' N 38° 22,396' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 37° 54,040' N 37° 54,040' N 37° 55,699' N 36° 53,692' N 36° 39,668' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 019° 52,648' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 45,781' E 021° 09,335' E 021° 03,35' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2	718 754 727 797 729 731 712 746 739 697 701 771 771 745	9		
MSM72         44         83         UCTD         14.03.18         19:32         BE         35° 03,141'N         022° 31,015'E         3346,7         731           MSM72         45         1         CTD/IADCP         14.03.18         20:50         BE         35° 04,590'N         022° 20,042'E         3314         PHY           MSM72         45         1         CTD/IADCP         14.03.18         21:53         BO         35° 04,628'N         022° 20,009'E         3321         3372         11.2           MSM72         45         1         CTD/IADCP         14.03.18         22:55         EN         35° 04,629'N         022° 20,007'E         3309            MSM72         45         1         CTD/IADCP         14.03.18         22:55         EN         35° 04,629'N         022° 20,007'E         3309            MSM72         45         84         UCTD         14.03.18         23:45         BE         35° 07,209'N         022° 20,007'E         3309            MSM72         46         1         CTD/IADCP         15.03.18         0:59         BE         35° 07,209'N         021° 59,405'E         3252         CHE1           MSM72         46         1 <td>MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72</td> <td>43 43 43 43 43 43 43 43 43 43 43 43 43 4</td> <td>1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1</td> <td>CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT</td> <td>13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18</td> <td>1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18</td> <td>BE           BO           EN           BE           BE</td> <td>40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39° 07,414' N 38° 52,918' N 38° 07,414' N 38° 52,918' N 38° 24,230' N 38° 09,169' N 37° 54,040' N 37° 55,669' N 36° 39,668' N 36° 39,668' N 35° 01,984' N</td> <td>018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 30,607' E 019° 30,607' E 019° 30,607' E 019° 41,961' E 020° 11,644' E 020° 13,649' E 020° 11,644' E 020° 23,862' E 020° 45,781' E 021° 22,171' E 021° 22,171' E 021° 33,766' E</td> <td>597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154</td> <td>718 754 727 797 729 731 712 746 739 697 701 771 745 847</td> <td></td> <td></td> <td></td>	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39° 07,414' N 38° 52,918' N 38° 07,414' N 38° 52,918' N 38° 24,230' N 38° 09,169' N 37° 54,040' N 37° 55,669' N 36° 39,668' N 36° 39,668' N 35° 01,984' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 30,607' E 019° 30,607' E 019° 30,607' E 019° 41,961' E 020° 11,644' E 020° 13,649' E 020° 11,644' E 020° 23,862' E 020° 45,781' E 021° 22,171' E 021° 22,171' E 021° 33,766' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154	718 754 727 797 729 731 712 746 739 697 701 771 745 847			
MSM72         44         83         UCTD         14.03.18         19:32         BE         35° 03,141'N         022° 31,015'E         3346,7         731           MSM72         45         1         CTD/IADCP         14.03.18         20:50         BE         35° 04,590'N         022° 20,042'E         3314         PHY           MSM72         45         1         CTD/IADCP         14.03.18         20:50         BE         35° 04,590'N         022° 20,009'E         3321         3372         11.2           MSM72         45         1         CTD/IADCP         14.03.18         22:55         EN         35° 04,629'N         022° 20,007'E         3309             MSM72         45         1         CTD/IADCP         14.03.18         22:55         EN         35° 04,629'N         022° 20,007'E         3309             MSM72         46         1         CTD/IADCP         14.03.18         23:45         BE         35° 07,209'N         022° 20,007'E         3309             MSM72         46         1         CTD/IADCP         15.03.18         0:59         BE         35° 07,209'N         021° 59,405'E         3252         CHE1	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39' 22,396' N 38' 52,918' N 38' 52,918' N 38' 52,918' N 38' 24,230' N 38' 09,169' N 37' 54,040' N 37' 54,040' N 37' 55,669' N 36' 53,692' N 36' 39,668' N 36' 26,328' N 35' 01,984' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 30,607' E 019° 30,607' E 019° 30,607' E 019° 52,648' E 020° 11,644' E 020° 23,862' E 020° 11,644' E 020° 23,585' E 020° 45,781' E 021° 33,766' E 021° 33,766' E 022° 40,044' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154	718 754 727 797 729 731 712 746 739 697 701 771 745 847			
MSM72         45         1         CTD/IADCP         14.03.18         20:50         BE         35° 04,590' N         022° 20,042' E         3314         PHY           MSM72         45         1         CTD/IADCP         14.03.18         21:53         BO         35° 04,628' N         022° 20,009' E         3321         3372         11.2           MSM72         45         1         CTD/IADCP         14.03.18         22:55         EN         35° 04,628' N         022° 20,007' E         3309             MSM72         45         1         CTD/IADCP         14.03.18         22:55         EN         35° 04,629' N         022° 20,007' E         3309             MSM72         45         84         uCTD         14.03.18         23:45         BE         35° 05,824' N         022° 10,493' E         3185,9         705            MSM72         46         1         CTD/IADCP         15.03.18         0:59         BE         35° 07,230' N         021° 59,405' E         3252         CHE1           MSM72         46         1         CTD/IADCP         15.03.18         1:15         EN         35° 07,239' N         021° 59,410' E         3247         3275	MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18 17:18	BE           BO           EN           BE           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39' 22,396' N 38' 52,918' N 38' 52,918' N 38' 52,918' N 38' 24,230' N 38' 09,169' N 37' 54,040' N 37' 54,040' N 37' 55,669' N 36' 53,692' N 36' 39,668' N 36' 26,328' N 35' 01,984' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 30,607' E 019° 30,607' E 019° 30,607' E 019° 52,648' E 020° 11,644' E 020° 23,862' E 020° 11,644' E 020° 23,585' E 020° 45,781' E 021° 33,766' E 021° 33,766' E 022° 40,044' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1129,2 3361,7 2015,9 4108,2 3389,2 3154 3154	718 754 727 797 729 731 712 746 739 697 701 771 745 847			
MSM72         45         1         CTD/IADCP         14.03.18         21:53         BO         35° 04,628' N         022° 20,009' E         3321         3372         11.2           MSM72         45         1         CTD/IADCP         14.03.18         22:55         EN         35° 04,629' N         022° 20,007' E         3309         Image: Comparison of the compariso	MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 16:13 18:12 20:14 4:13 6:16 8:13 16:18 117:18 18:36	BE           BO           EN           BE           BO           EN	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 22,396' N 38° 52,918' N 38° 52,918' N 38° 52,918' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 37° 54,040' N 37° 35,699' N 36° 53,692' N 36° 26,328' N 35° 02,016' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 019° 52,648' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 45,781' E 021° 09,335' E 021° 22,171' E 021° 33,766' E 022° 40,019' E 022° 40,019' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154	718 754 727 797 729 731 712 746 739 697 701 771 745 847 3186			
MSM72         45         1         CTD/IADCP         14.03.18         22:55         EN         35° 04,629' N         022° 20,007' E         3309         Image: Constraint of the constrain	MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 1 83	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:16 8:13 16:16 8:13 16:18 17:18 18:36 19:32	BE           BO           EN           BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 07,414' N 38° 52,918' N 38° 38,660' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 37° 54,040' N 37° 54,040' N 37° 55,669' N 36° 53,662' N 36° 39,668' N 36° 26,328' N 35° 02,016' N 35° 03,141' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 019° 52,648' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 35,585' E 020° 45,781' E 021° 09,335' E 021° 22,171' E 021° 33,766' E 022° 40,019' E 022° 40,019' E 022° 31,015' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3155 3346,7	718 754 727 797 729 731 712 746 739 697 701 771 745 847 3186		CHE1	
MSM72         45         84         uCTD         14.03.18         23:45         BE         35° 05,824' N         022° 10,493' E         3185,9         705           MSM72         46         1         CTD/IADCP         15.03.18         0:59         BE         35° 07,20' N         021° 59,405' E         3252         CHE1           MSM72         46         1         CTD/IADCP         15.03.18         1:59         BO         35° 07,230' N         021° 59,405' E         3247         3275         10           MSM72         46         1         CTD/IADCP         15.03.18         3:15         EN         35° 07,230' N         021° 59,410' E         3244         3244           MSM72         46         1         CTD/IADCP         15.03.18         3:15         EN         35° 07,230' N         021° 59,410' E         3244         3244           MSM72         46         85         uCTD         15.03.18         4:25         BE         35° 10,719' N         021° 44,345' E         3304,1         672           MSM72         47         1         CTD/IADCP         15.03.18         5:56         BE         35° 10,719' N         021° 28,850' E         3527         CHE2	MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 80 81 82 1 1 1 83 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18 17:18 18:18 17:18 18:36 19:32 20:50	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39' 07,414' N 38' 52,918' N 38' 07,414' N 38' 52,918' N 38' 09,169' N 37' 54,040' N 37' 54,040' N 37' 54,040' N 37' 39,699' N 36' 53,692' N 36' 39,668' N 36' 26,328' N 35' 01,984' N 35' 02,016' N 35' 03,141' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 41,961' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 35,585' E 020° 35,585' E 021° 09,335' E 021° 09,335' E 021° 22,171' E 021° 33,766' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 20,042' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154 3154 3155 3346,7 3314	718 754 727 729 731 712 746 739 697 701 771 771 745 847 3186 731	15.16	CHE1	
MSM72         46         1         CTD/IADCP         15.03.18         0:59         BE         35° 07,209' N         021° 59,405' E         3252         CHE1           MSM72         46         1         CTD/IADCP         15.03.18         1:59         BO         35° 07,230' N         021° 59,405' E         3247         3275         10           MSM72         46         1         CTD/IADCP         15.03.18         3:15         EN         35° 07,230' N         021° 59,411' E         3244            MSM72         46         1         CTD/IADCP         15.03.18         3:15         EN         35° 07,239' N         021° 59,411' E         3244             MSM72         46         85         uCTD         15.03.18         4:25         BE         35° 10,719' N         021° 44,345' E         3304,1         672           MSM72         47         1         CTD/IADCP         15.03.18         5:56         BE         35° 14,319' N         021° 28,850' E         3527         CHE2	MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 83 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18 17:18 18:32 20:50 21:53	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39' 22,396' N 39' 07,414' N 38' 52,918' N 38' 24,230' N 38' 24,230' N 38' 07,414' N 38' 24,230' N 38' 09,169' N 37' 54,040' N 37' 55,669' N 37' 25,669' N 36' 39,698' N 36' 26,328' N 35' 01,984' N 35' 02,016' N 35' 02,016' N 35' 03,141' N 35' 04,628' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 019° 41,961' E 020° 11,644' E 020° 13,649' E 020° 11,644' E 020° 23,862' E 020° 45,781' E 021° 23,785' E 021° 22,171' E 021° 33,766' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 20,042' E 022° 20,049' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154 3154 3154 3346,7 3314 3321	718 754 727 729 731 712 746 739 697 701 771 771 745 847 3186 731	15.16	CHE1	
MSM72         46         1         CTD/IADCP         15.03.18         0:59         BE         35° 07,209' N         021° 59,405' E         3252         CHE1           MSM72         46         1         CTD/IADCP         15.03.18         1:59         BO         35° 07,230' N         021° 59,405' E         3247         3275         10           MSM72         46         1         CTD/IADCP         15.03.18         3:15         EN         35° 07,230' N         021° 59,410' E         3247         3275         10           MSM72         46         1         CTD/IADCP         15.03.18         3:15         EN         35° 07,239' N         021° 59,411' E         3244             MSM72         46         85         uCTD         15.03.18         4:25         BE         35° 10,719' N         021° 44,345' E         3304,1         672            MSM72         47         1         CTD/IADCP         15.03.18         5:56         BE         35° 14,319' N         021° 28,850' E         3527         CHE2	MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 83 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18 17:18 18:32 20:50 21:53	BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39' 22,396' N 39' 07,414' N 38' 52,918' N 38' 38,660' N 38' 24,230' N 38' 09,169' N 37' 54,040' N 37' 54,040' N 37' 54,040' N 37' 55,669' N 36' 39,668' N 36' 26,328' N 35' 01,984' N 35' 02,016' N 35' 02,016' N 35' 04,590' N 35' 04,628' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 30,607' E 019° 30,607' E 019° 30,607' E 020° 11,644' E 020° 23,862' E 020° 35,585' E 020° 45,781' E 021° 33,766' E 021° 22,711' E 021° 33,766' E 022° 40,019' E 022° 40,019' E 022° 31,015' E 022° 20,009' E 022° 20,009' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154 3154 3155 3346,7 3314 3321 3309	718 754 727 729 731 712 746 739 697 701 771 771 745 847 3186 731	15.16	CHE1	
MSM72         46         1         CTD/IADCP         15.03.18         1:59         BO         35° 07,230' N         021° 59,410' E         3247         3275         10           MSM72         46         1         CTD/IADCP         15.03.18         3:15         EN         35° 07,230' N         021° 59,410' E         3247         3275         10           MSM72         46         1         CTD/IADCP         15.03.18         3:15         EN         35° 07,239' N         021° 59,411' E         3244             MSM72         46         85         uCTD         15.03.18         4:25         BE         35° 10,719' N         021° 44,345' E         3304,1         672            MSM72         47         1         CTD/IADCP         15.03.18         5:56         BE         35° 14,319' N         021° 28,850' E         3527         CHE2	MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 1 83 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18 17:18 18:36 19:32 20:50 21:53 22:55	BE           BO           EN           BE           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39' 22,396' N 39' 07,414' N 38' 52,918' N 38' 38,660' N 38' 24,230' N 38' 09,169' N 37' 54,040' N 37' 54,040' N 37' 54,040' N 37' 55,669' N 36' 39,668' N 36' 26,328' N 35' 01,984' N 35' 02,016' N 35' 02,016' N 35' 04,590' N 35' 04,628' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 30,607' E 019° 30,607' E 019° 30,607' E 020° 11,644' E 020° 23,862' E 020° 35,585' E 020° 45,781' E 021° 33,766' E 021° 22,711' E 021° 33,766' E 022° 40,019' E 022° 40,019' E 022° 31,015' E 022° 20,009' E 022° 20,009' E	597 598 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154 3154 3155 3346,7 3314 3321 3309	718 754 727 797 729 731 712 739 697 739 697 701 771 745 847 3186 731 3372	15.16	CHE1	
MSM72         46         1         CTD/IADCP         15.03.18         3:15         EN         35° 07,239' N         021° 59,411' E         3244             MSM72         46         85         uCTD         15.03.18         4:25         BE         35° 10,719' N         021° 59,411' E         3244              MSM72         46         85         uCTD         15.03.18         4:25         BE         35° 10,719' N         021° 44,345' E         3304,1         672            MSM72         47         1         CTD/IADCP         15.03.18         5:56         BE         35° 14,319' N         021° 28,850' E         3527         CHE2	MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 1 83 1 1 83 1 1 84	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:16 8:13 16:16 8:13 16:16 19:32 20:50 21:53 22:55 23:45	BE           BO           EN           BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39' 22,396' N 39' 07,414' N 38' 52,918' N 38' 38,660' N 38' 24,230' N 38' 09,169' N 37' 54,040' N 37' 54,040' N 37' 54,040' N 37' 55,669' N 36' 39,668' N 36' 39,668' N 35' 02,016' N 35' 02,016' N 35' 02,016' N 35' 03,141' N 35' 04,629' N 35' 04,629' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 020° 11,644' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 45,781' E 021° 03,585' E 021° 22,171' E 021° 33,766' E 022° 40,044' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 20,009' E 022° 20,009' E 022° 20,009' E 022° 20,009' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154 3155 3346,7 3114 3155 3346,7 3314 3309 3185,9	718 754 727 797 729 731 712 739 697 739 697 701 771 745 847 3186 731 3372	15.16	CHE1	
MSM72         46         85         uCTD         15.03.18         4:25         BE         35° 10,719' N         021° 44,345' E         3304,1         672           MSM72         47         1         CTD/IADCP         15.03.18         5:56         BE         35° 14,319' N         021° 28,850' E         3527         CHE2	MSM72 MSM72	43           44           44           45           45           45           46	1 1 69 70 71 72 73 74 75 76 77 78 80 81 82 1 1 1 83 1 1 1 84 1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18	1:07 1:22 1:49 4:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18 8:13 16:18 17:18 18:36 19:32 20:50 21:53 22:55 23:45 0:59	BE           BO           EN           BE           BO           EN           BE           BO           EN           BE           BE	40° 10,229' N 40° 10,229' N 39° 49,705' N 39° 36,106' N 39° 07,414' N 38° 52,918' N 38° 52,918' N 38° 22,396' N 38° 22,396' N 38° 22,396' N 38° 22,20' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 37° 54,040' N 37° 54,040' N 37° 39,699' N 37° 25,669' N 36° 39,668' N 36° 39,668' N 36° 26,328' N 35° 02,016' N 35° 03,141' N 35° 04,629' N 35° 04,629' N 35° 05,624' N 35° 07,209' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 020° 11,644' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 35,585' E 021° 09,335' E 021° 22,171' E 021° 33,766' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 20,009' E 022° 20,009' E 022° 20,007' E 022° 20,007' E 022° 10,493' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154 3154 3155 3346,7 3314 3321 3309 3185,9 3252	718 754 727 797 729 731 712 746 697 701 771 745 847 3186 731 3386 731 3372	15.16	CHE1	
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	MSM72 MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 1 83 1 1 1 84 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 14.03.18 15.03.18 15.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18 17:18 18:32 20:50 21:53 22:55 23:45 0:59 3:15	BE           BO           EN           BE           BO           EN	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39' 22,396' N 39' 07,414' N 38' 52,918' N 38' 28,660' N 38' 24,230' N 38' 24,230' N 37' 54,040' N 37' 54,040' N 37' 54,040' N 37' 55,669' N 37' 25,669' N 36' 25,668' N 36' 26,328' N 35' 01,984' N 35' 02,016' N 35' 02,016' N 35' 03,141' N 35' 04,629' N 35' 04,629' N 35' 07,209' N 35' 07,209' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 020° 31,644' E 020° 11,644' E 020° 23,862' E 020° 11,644' E 020° 35,585' E 020° 43,781' E 021° 33,766' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 20,042' E 022° 20,042' E 022° 20,042' E 022° 20,007' E 022° 20,007' E 022° 10,493' E 021° 59,410' E 021° 59,411' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154 3154 3154 3154 3346,7 3314 3321 3309 31252 3247 3244	718 754 727 797 729 731 712 739 697 701 771 745 847 3186 3186 3372 705 3275	15.16	CHE1	
	MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 1 83 1 1 1 84 1 1 85	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 15.03.18 15.03.18 15.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18 17:18 18:36 19:32 20:50 21:53 22:55 23:45 0:59 1:59 3:15 4:25	BE           BO           EN           BE           BO           EN	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 37° 54,040' N 37° 54,040' N 37° 54,040' N 37° 54,040' N 37° 54,040' N 37° 54,040' N 36° 39,668' N 36° 26,328' N 35° 01,984' N 35° 02,016' N 35° 03,621' N 35° 04,629' N 35° 04,629' N 35° 05,824' N 35° 07,209' N 35° 07,230' N 35° 07,230' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 020° 03,409' E 020° 03,409' E 020° 11,644' E 020° 23,882' E 020° 35,585' E 020° 45,781' E 021° 09,335' E 021° 22,171' E 021° 09,335' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 20,009' E 022° 20,009' E 022° 10,493' E 021° 59,411' E 021° 44,345' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154 3154 3154 3154 3346,7 3314 3321 3309 31252 3247 3244	718 754 727 797 729 731 712 739 697 701 771 745 847 3186 3186 3372 705 3275	15.16	CHE1	
	MSM72	43 43 43 43 43 43 43 43 43 43 43 43 43 4	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 1 83 1 1 1 84 1 1 85	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 15.03.18 15.03.18 15.03.18	1:07 1:22 1:49 4:18 6:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:18 17:18 18:36 19:32 20:50 21:53 22:55 23:45 0:59 1:59 3:15 4:25	BE           BO           EN           BE           BO           EN           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39° 22,396' N 39° 07,414' N 38° 52,918' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 38° 24,230' N 37° 54,040' N 37° 54,040' N 37° 54,040' N 37° 54,040' N 37° 54,040' N 37° 54,040' N 36° 39,668' N 36° 26,328' N 35° 01,984' N 35° 02,016' N 35° 03,621' N 35° 04,629' N 35° 04,629' N 35° 05,824' N 35° 07,209' N 35° 07,230' N 35° 07,230' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 020° 03,409' E 020° 03,409' E 020° 11,644' E 020° 23,882' E 020° 35,585' E 020° 45,781' E 021° 09,335' E 021° 22,171' E 021° 09,335' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 20,009' E 022° 20,009' E 022° 10,493' E 021° 59,411' E 021° 44,345' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3154 3154 3154 3155 3346,7 3314 3321 3309 3185,9 3252 3247 3244 3304,1	718 754 727 797 729 731 712 739 697 701 771 745 847 3186 3186 3372 705 3275	15.16	CHE1	
	MSM72           MSM72	43           44           44           45           45           46           46           46	1 1 69 70 71 72 73 74 75 76 77 78 79 80 81 82 1 1 1 83 1 1 1 83 1 1 1 84 1 1 1 85 1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD UCTD UCTD UCTD UCTD UCTD UCT	13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 13.03.18 14.03.18 15.03.18 15.03.18 15.03.18	1:07 1:22 1:49 4:18 8:13 10:16 12:15 14:14 16:13 18:12 20:14 22:15 0:14 4:13 6:16 8:13 16:16 8:13 16:16 8:13 16:16 8:13 16:16 19:32 20:50 21:53 22:55 23:45 0:59 1:59 3:15 9:315	BE           BO           EN           BE           BO           EN           BE           BE	40° 10,229' N 40° 10,229' N 39' 49,705' N 39' 36,106' N 39' 22,396' N 39' 22,396' N 39' 07,414' N 38' 52,918' N 38' 38,660' N 38' 24,230' N 38' 09,169' N 37' 54,040' N 37' 54,040' N 37' 54,040' N 37' 55,669' N 36' 53,692' N 36' 53,692' N 35' 02,016' N 35' 02,016' N 35' 02,016' N 35' 02,016' N 35' 02,016' N 35' 02,016' N 35' 04,629' N 35' 07,209' N 35' 07,239' N 35' 07,239' N 35' 10,719' N	018° 43,015' E 018° 43,016' E 018° 43,016' E 018° 58,653' E 019° 08,904' E 019° 19,285' E 019° 30,607' E 019° 30,607' E 019° 41,961' E 020° 03,409' E 020° 11,644' E 020° 23,862' E 020° 45,781' E 021° 45,781' E 021° 45,781' E 021° 33,766' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 40,019' E 022° 20,009' E 022° 20,009' E 022° 20,009' E 022° 10,493' E 021° 59,410' E 021° 59,410' E 021° 59,410' E 021° 24,3850' E	597 598 904 1082,1 1167,6 1102,3 1340,5 1761,7 2684,6 2505,2 1599,2 1129,2 3361,7 2015,9 4108 3898,2 3154 3364,7 3154 3154 3154 3155 3346,7 3314 3320 3185,9 3252 3247 3247 3304,1 3527	718 754 727 797 729 731 712 746 739 697 701 771 745 847 3186 731 3186 731 3372 705 3275 672	15.16	CHE1	

MSM72	47	1	CTD/IADCP	15.03.18	7:12	EN	35° 14,319' N	021° 28,850' E					
MSM72	47	2	CTD/IADCP	15.03.18	8:40	BE	35° 14,394' N	021° 28,850' E	3522			CHE2	
MSM72	47	2	CTD/IADCP	15.03.18	9:46	BO	35° 14,394' N	021° 28,850' E	3528		10.1		
							35° 14,393' N	,			10.1		
MSM72	47	2	CTD/IADCP	15.03.18	10:56	EN	- <u> </u>	021° 28,848' E	3536				
MSM72	47	86	uCTD	15.03.18	12:04	BE	35° 11,648' N	021° 14,156' E	3095,9	730			
MSM72	48	1	CTD/IADCP	15.03.18	13:32	BE	35° 08,979' N	021° 00,065' E	3076			PHY	
MSM72	48	1	CTD/IADCP	15.03.18	14:27	BO	35° 08,992' N	021° 00,050' E	3078	3118	14.8		
				15.03.18						5110	14.0		
MSM72	48	1	CTD/IADCP		15:25	EN	35° 08,992' N	021° 00,051' E	3076				
MSM72	48	87	uCTD	15.03.18	16:10	BE	35° 07,853' N	020° 50,846' E	2805,9	761			
MSM72	49	1	CTD/IADCP/LISST	15.03.18	17:20	BE	35° 06,588' N	020° 14,523' E	2844			CHE1	
MSM72	49	1	CTD/IADCP/LISST	15.03.18	18:13	BO	35° 06,588' N	020° 14,523' E	2851	2877	9.3		
										2077	5.5		
MSM72	49	1	CTD/IADCP/LISST	15.03.18	19:28	EN	35° 06,588' N	020° 14,523' E	2848				
MSM72	49	88	uCTD	15.03.18	20:12	BE	35° 05,528' N	020° 31,758' E	2957,9	757			
MSM72	50	1	CTD/IADCP/LISST	15.03.18	21:27	BE	35° 04,218' N	020° 21,053' E	2984			PHY	
MSM72	50	1	CTD/IADCP/LISST	15.03.18	22:22	BO	35° 04,234' N	020° 21,014' E	2996	3014	9.9		
		-								3014	5.5		
MSM72	50	1	CTD/IADCP/LISST	15.03.18	23:16	EN	35° 04,234' N	020° 21,013' E	2956				
MSM72	50	5	Drifter	15.03.18	23:24	deployed	35° 04,189' N	020° 20,990' E	3237				
MSM72	50	89	uCTD	16.03.18	0:31	BE	35° 07,565' N	020° 06,521' E	2957,9	685			
MSM72	51	1	CTD/IADCP	16.03.18	1:58	BE	35° 10,760' N	019° 53,220' E	2976			CHE1	
										2002	45.4	CHLI	
MSM72	51	1	CTD/IADCP	16.03.18	2:55	BO	35° 10,760' N	019° 53,219' E	2975	2982	15.1		
MSM72	51	1	CTD/IADCP	16.03.18	4:05	EN	35° 10,760' N	019° 53,219' E	2975				
MSM72	51	90	uCTD	16.03.18	4:57	BE	35° 13,510' N	019° 41,652' E	3176.1	731			
MSM72	52	1	CTD/IADCP	16.03.18	6:36	BE	35° 17,144' N	019° 25,472' E	3366.1			CHE1	
										2422	40.0	CHCI	
MSM72	52	1	CTD/IADCP	16.03.18	7:38	BO	35° 17,143' N	019° 25,474' E		3402.4	10.8		
MSM72	52	1	CTD/IADCP	16.03.18	8:54	EN	35° 17,143' N	019° 25,474' E	3368.3				
MSM72	52	91	uCTD	16.03.18	6:37	BE	35° 17,145' N	019° 25,473' E	3369	733			
MSM72	53	1	CTD/IADCP	16.03.18	11:50	BE	35° 23,621' N	018° 57,817' E	3771			CHE1	
										2027	<u> </u>	CHEL	
MSM72	53	1	CTD/IADCP	16.03.18	12:55	BO	35° 23,621' N	018° 57,818' E	3771	3825	9.2		
MSM72	53	1	CTD/IADCP	16.03.18	14:23	EN	35° 23,621' N	018° 57,816' E	3772				
MSM72	53	92	uCTD	16.03.18	15:32	BE	35° 27,785' N	018° 44,951' E	3917,7	724			
MSM72	54	1	CTD/IADCP	16.03.18	17:09	BE		018° 29,977' E	4029			PHY	
							35° 30,019' N			4077	44.5	- 111	
MSM72	54	1	CTD/IADCP	16.03.18	18:32	BO	35° 29,658' N	018° 29,959' E	4018	4029	10.3		
MSM72	54	1	CTD/IADCP	16.03.18	19:49	EN	35° 29,379' N	018° 29,956' E					
MSM72	54	6	Float	16.03.18	19:59	deployed	35° 29,341' N	018° 29,951' E	4016				
MSM72	54	7	Drifter	16.03.18	20:09	deployed	35° 28,541' N	018° 30,037' E	4283,8				
MSM72	54	93	uCTD	16.03.18	20:49	BE	35° 24,683' N	018° 23,038' E	3908,4	816			
MSM72	55	1	CTD/IADCP	16.03.18	22:22	BE	35° 18,001' N	018° 11,991' E	3866			CHE2	
MSM72	55	1	CTD/IADCP	16.03.18	23:32	BO	35° 18,002' N	018° 11,991' E	3862	3924	9.9		
										0024	515		
MSM72	55	1	CTD/IADCP	17.03.18	0:55	EN	35° 18,000' N	018° 11,993' E	3868				
MSM72	55	2	CTD/IADCP	17.03.18	2:08	BE	35° 18,000' N	018° 11,994' E	3865,7			CHE2	
MSM72	55	2	CTD/IADCP	17.03.18	2:30	BO	35° 17,996' N	018° 11,995' E	3865,7	1009			
MSM72	55	2	CTD/IADCP	17.03.18	3:02	EN	35° 17,996' N	018° 11,993' E	3865,7				
MSM72	56		CTD/IADCP		5:05				3579			PHY	
		1		17.03.18		BE	35° 06,023' N	017° 53,992' E				PHI	
MSM72	56	1	CTD/IADCP	17.03.18	6:10	BO	35° 06,020' N	017° 53,992' E	3576	3615	14.6		
MSM72	56	1	CTD/IADCP	17.03.18	7:21	EN	35° 06,022' N	017° 53,992' E	3591				
MSM72	57	1	CTD/IADCP	17.03.18	9:51	BE	34° 54,048' N	017° 35,983' E	2965			CHE1	
										2004	12		
MSM72	57	1	CTD/IADCP	17.03.18	10:45	BO	34° 54,048' N	017° 35,988' E	2950	2994	12		
MSM72	57	1	CTD/IADCP	17.03.18	12:02	EN	34° 54,047' N	017° 35,987' E	2962				
MSM72	58	1	CTD/IADCP	17.03.18	14:21	BE	34° 42,007' N	017° 18,012' E	2830			PHY	
MSM72	58	1	CTD/IADCP	17.03.18	15:15	BO	34° 42,006' N	017° 18,011' E	2831	2856	14		
		-								2000	14		
MSM72	58	1	CTD/IADCP	17.03.18	16:10	EN	34° 42,008' N	017° 18,012' E	2832				
MSM72	59	1	CTD/IADCP/LISST	17.03.18	18:47	BE	34° 50,995' N	016° 48,006' E	2292			CHE1	
MSM72	59	1	CTD/IADCP/LISST	17.03.18	19:32	BO	34° 50,995' N	016° 48,006' E	2292	2310	9.8		
MSM72	59	1	CTD/IADCP/LISST	17.03.18	20:32	EN		016° 48,006' E	2290				
										750			+
MSM72	59	94	uCTD	17.03.18	21:53	BE		016° 33,362' E		758			
MSM72	60	1	CTD/IADCP	17.03.18	23:45	BE	35° 00,007' N	016° 17,985' E	1504			PHY	
MSM72	60	1	CTD/IADCP	18.03.18	0:16	BO	35° 00,009' N	016° 17,985' E	1497	1487	11.5		
MSM72	60	1	CTD/IADCP	18.03.18	0:47	EN			1495				
MSM72		1		18.03.18	4:05							CHE1	
	61		CTD/IADCP			BE	35°18,894' N	015° 49,817' E	413	1.00	4.5.0	CHCI	
MSM72	61	1	CTD/IADCP	18.03.18	4:18	BO		015° 49,829' E		406	10.2		
MSM72	61	1	CTD/IADCP	18.03.18	4:37	EN	35°18,808' N	015° 49,858' E	415				
MSM72	62	1	CTD/IADCP/LISST	18.03.18	7:41	BE	35°37,783' N	015° 21,642' E	284			РНҮ	
MSM72	62	1	CTD/IADCP/LISST	18.03.18	7:53	BO	35°37,786' N	015° 21,641' E	284	279	10.5		
						-				-/-	20.0		
MSM72	62	1	CTD/IADCP/LISST	18.03.18	8:04	EN	35°37,786' N	015° 21,640' E	286				
MSM72	63	1	CTD/IADCP	18.03.18	11:41	BE	35°37,920' N	014° 45,780' E	134			CHE1	
MSM72	63	1	CTD/IADCP	18.03.18	11:48	BO	35°37,920' N	014° 45,780' E	134	125	9.2		
MSM72	63	1	CTD/IADCP	18.03.18	11:59	EN		014° 45,781' E					
						BE						PHY	
MSM72	64	1	CTD/IADCP	18.03.18	15:06		35°38,029' N	014° 10,026' E	560			r n í	
MSM72	64	1	CTD/IADCP	18.03.18	15:26	BO	35°38,028' N		556	546	14		
MSM72	64	1	CTD/IADCP	18.03.18	15:41	EN	35°38,028' N	014° 10,025' E	551				
MSM72	64	95	uCTD	18.03.18	17:38	BE		013° 45,671' E		547			
MSM72	64	96	uCTD	18.03.18	20:02	BE		013° 18,644' E		667			
										007		DUD:	
MSM72	65	1	CTD/IADCP	18.03.18	22:19	BE	35°49,994' N	013° 05,030' E				PHY	
MSM72	65	1	CTD/IADCP	18.03.18	22:52	BO	35°49,965' N	013° 05,074' E	1530	1536.3	11.6		
MSM72	65	1	CTD/IADCP	18.03.18	23:22	EN	35°49,944' N	013° 05,105' E	1526				
MSM72	65	97	uCTD	18.03.18	23:36	BE				665			
						-				303		01151	
MSM72	66	1	CTD/IADCP	19.03.18	3:05	BE			1109			CHE1	
MSM72	66	1	CTD/IADCP	19.03.18	3:30	BO	36° 00,995' N	013° 47,503' E	1111	1111	13.2		
MSM72	66	1	CTD/IADCP	19.03.18	4:03	EN	36°00,994' N	013° 47,502' E	1108				
MSM72	66	98	uCTD	19.03.18	4:45	BE		013° 44,004' E		647			
										5.1		РНҮ	
MSM72	67	1	CTD/IADCP	19.03.18	5:52	BE	36° 12,990' N	013° 38,977' E	1309			FHI	
	67	1	CTD/IADCP	19.03.18	6:23	BO	36° 12,990' N	013° 38,976' E	1308	1315	9.9		
MSM72							0.02 4 0 0 0 4 L M		1000				
MSM72 MSM72	67	1	CTD/IADCP	19.03.18	6:53	EN	36°12,984°N	013° 38,971' E	1306	I			

Second         60         90         Cond Cond Cond Cond Cond Cond Cond Cond														1
IMADE         64         1         CONLONYING         BOD M         BOD M         BOT M         BOT MOD M         BOT MOD M         BOD M         BOD M         BOT MOD M         BOD M         BOD M         BOT MOD M         BOD M <td>MSM72</td> <td>67</td> <td>99</td> <td>uCTD</td> <td>19.03.18</td> <td>7:44</td> <td>BE</td> <td>36° 18,722' N</td> <td>013° 31,740' E</td> <td>1265,4</td> <td>729</td> <td></td> <td></td> <td></td>	MSM72	67	99	uCTD	19.03.18	7:44	BE	36° 18,722' N	013° 31,740' E	1265,4	729			
NUMPY         64         1         CPD/NUMPY         64         1         CPD NUMPY         1         CPD NUMPY         1         NUMPY         64         1         CPD NUMPY         1         NUMPY         1     <			1					,					CHE2	
IMMUP         64         100         cords         130.1         100         10	MSM72	68	1	CTD/IADCP/LISST	19.03.18	9:35	BO	36° 23,981' N	013° 25,032' E	1710	1722	10.7		
IMMAT         60         1         CPU ADC 1/LST         10.1	MSM72	68	1	CTD/IADCP/LISST	19.03.18	10:24	EN	36° 23,980' N	013° 25,032' E	1712				
IMAD2         60         1         CTMMACPUED         10         CTMMACPUED         10         CTMMACPUED         10         CTMMACPUED         10         CTMMACPUED         10         CTMMACPUED         10	MSM72	68	100	uCTD	19.03.18	11:03	BE	36° 26,885' N	013° 19,663' E	1722	722			
MARD2         0         1         CTO/MACP/LOST         19-18         19-10         No         No <td>MSM72</td> <td>69</td> <td>1</td> <td>CTD/IADCP/LISST</td> <td>19.03.18</td> <td>12:01</td> <td>BE</td> <td>36° 30,016' N</td> <td>013° 13,982' E</td> <td>1715</td> <td></td> <td></td> <td>PHY</td> <td></td>	MSM72	69	1	CTD/IADCP/LISST	19.03.18	12:01	BE	36° 30,016' N	013° 13,982' E	1715			PHY	
MAND2         Ø         1         CPUMACPUST         BAD13         BAD         PAD SET         Dist	MSM72	69	1	CTD/IADCP/LISST	19.03.18	12:36	BO	36° 30,018' N	013° 13,981' E	1713	1705	10.3		
IMADUR         00         10         10         10         10         10         10         10         10         10           04071         70         1         CTUMODUM         100.11         10.15         10.16         10.17         10.16	MSM72	69	1	CTD/IADCP/LISST	19.03.18	13:10	EN	36° 30,018' N	013° 13,982' E	1714				
MMAD7         70         1         CPUMACP/LAT         100.11         100.12         100.10	MSM72	69	101			14:05	BE				799			
NUMARY         70         1         CTP/MACP/LAST         19.18         19.0         PE SAMEN         0.17 2798"         0.18         19.18         19.45           MOMEZ         70         10         CTP/MACP/LAST         19.18         18.06         18         19.46         10.17         10.18         10.16        <													CHE1	
MMAR2         70         1         CTORADE/LIST         March         Mar         Mar         Tor         Mar         <											1013 5	13.45	CHEL	
MM27         70         102         uCTD         193.18         134.4         88         37 3680 ft         127 5.00 ft         285.5         585             MM27         7.1         1.1         CTD/A007/0351         133.11         132         130         137         130         137         130         137         130											1015.5	15.45		
MMAR2         70         103         UCTD         105.138         118.00         88         397 3488 N         127 38.787         118         697         Pert           MMAR7         71         1         CTD/ADAC/UST         152.818         188         132         132         Pert           MMAR7         71         1         CTD/ADAC/UST         132.11         135         143         132         132         Pert           MMAR7         71         1         CTD/ADACP         130.11         131         140         127         C         141         143         143         142         141         143         143         143         143         143         143         143         143         143         143         143         143         143         143         143         143         143         143         144         144         144         144         144         144         143         144         1											550			
MMAR2         71         1         CTO/ADCPUST         100.11         123.44         88         367 3768 N         127 23.527         131         133         5           MMAR2         7.1         1         CTO/ADCPUST         130.11         130         5            MMAR2         7.1         1         CTO/ADCPUST         130.11         130         5            MMAR2         7.1         1         CTO/ADCP         130.11         130.1														
MAND7         71         1         COD/AGC/UST         Biolar											699		<b>0</b> 1.07	
MSM27         71         1         CD/ADC/UST         193.18         293.28         18         273.98.27         13.08         P         P           MSM27         7.1         1.0         CD/ADC0         193.18         22.47         18         182.93.274         131.0         27         CPL           MSM27         7.1         1         CD/ADC0         193.18         23.53         193.27         135.12         137         7         CPL           MSM27         7.2         105         UCD         203.18         20.75         143.12         137         148         171.4864         136.4         7         143.6         137         148         171.4864         136.4         7         136.6         CFL         145.1         137.2364         137.2364         137.2364         137.2364         137.2364         137.2364         137.2364         137.2364         137.2364         147.2364         137.23													РНҮ	
MMA72         71         564         orth         13:13         BE         367 392.42         12:3328 5         13:15,0         777         C         C           MMA72         72         1         CTD/ABCC         10.0113         22:37         65         30:221 %         12:3228 1         12:15,0         C			1				BO				1313	9.5		
MAD72         72         1         CTO/AGC         19.0.18         22.47         BE         39 36.27         Noi: 15.027         C         Oct.           MAD72         72         1         CTO/AGC         10.0.13         10.1         10.1         10.1           MAD72         72         1         CTO/AGC         10.0.11         EC         88 347         10.2         10.2         10.1           MAD72         72         1         CTO/AGC/MUS7         20.0.11         70         80         77.1.247         10.2         10.1	MSM72	71	1	CTD/IADCP/LISST	19.03.18	20:23	EN	36° 37,985' N	012° 29,520' E	1308				
MMA72         72         1         CTO/MACP         190.18         23.16         100         39 28 20 X         102' 15.007         1100         100         100           MMA72         72         105         uCTD         200.18         101         86         26 28.38 Y         102' 14.567         1104         405         110           MMA77         7         1         CTO/MACP/LIST         200.11         70         80         77 24.44         102' 14.567         114.4         105         100           MMA77         74         1         CTO/MACP/LIST         200.11         70         80         77 24.57         102' 14.567         102' 14.567         102' 14.567         100         102' 14.567         100         100' 14.57         100' 14.57         100' 14.57         100' 14.57         100' 14.57         100' 14.57         100' 14.57         102' 14.567         102' 14.567         100' 14.57         100' 14.57         101' 14.57         102' 14.567         102' 14.567         100' 14.57         100' 14.57         102' 14.567         102' 14.567         102' 14.567         100' 14.57         102' 14.57         102' 14.567         100' 14.57         100' 14.57         102' 14.57         102' 14.57         102' 14.557         101'14.57         101' 15.	MSM72	71	104	uCTD	19.03.18	21:13	BE	36° 39,242' N	012° 23,235' E	1315,7	777			
MM3/72         72         1         CTO(ABCP         160:18         93:33         88:3         91:30:278         92:15:007         7         0         0           MM3/7         72         165         urd         200:18         01:1         65:007         17         15         68:007         72         165         urd         0         0         12:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:1:	MSM72	72	1	CTD/IADCP	19.03.18	22:47	BE	36° 38,022' N	012° 15,028' E	1302			CHE1	
MMM72         72         105         UTC         200.18         0.21         862         0.24.486E         129.44.8         75         Image: Control of the contro	MSM72	72	1	CTD/IADCP	19.03.18	23:16	BO	36° 38,022' N	012° 15,030' E	1302	1308	10.7		
MMM72         72         105         UTC         200.18         0.21         862         0.24.486E         129.44.8         75         Image: Control of the contro	MSM72	72	1	CTD/IADCP	19.03.18	23:53	EN	36° 38,022' N	012° 15,030' E	?				
MMX72         72         10         CUP/ACPUISTS         20.3         82         32 + 45.49 %         102 + 12.000 €         13.80         68         P           MMX72         73         1         CUP/ACPUISTS         20.33         70.8         80         37 + 23.84 %         102 + 20.001 €         71         72.3         71         71         72.3         71         71         72.3         71         71         72.3         71         71         72.3         71         71         72.3 <td></td> <td>72</td> <td>105</td> <td></td> <td></td> <td></td> <td>BE</td> <td></td> <td></td> <td>1304.4</td> <td>705</td> <td></td> <td></td> <td></td>		72	105				BE			1304.4	705			
MAM72         78         1         CTD/ABCP/UST         200.11         77         72         72         73         72         74           MSM72         73         1         CTD/ABCP/UST         200.11         77         72         73										· ·				
MMM72         78         1         CTOPADCPUIST         203.81         7/9         80.7         7/2.1         7/2.2         7/2.7         7													CHE1	
MSM72         78         1         CTD/MACP/MST         200.318         717         877         712.224         10         703.200 F         70         70           MSM72         74         1         CTD/MACP/MST         200.318         10.20         80         373.20.37N         0127.22.20FE         80         67.8         95           MSM72         74         1         CTD/MACP/MST         200.318         10.20         80         373.20.37N         0127.22.20FE         80         67.8         95           MSM72         75         1         CTD/MACP/LSST         200.318         80         873.20.37N         0137.90.00FE         10.87N         0137.90.00FE         10.87N         0137.90.00FE         10.87N         0137.90.00FE         10.87N         0137.90.00FE         10.87N         0137.90.00FE         10.80N         01.70.70.00FE         10.80N											72.2	9.7	SILL	
MM372         74         1         CTD/ADCPUIST         20.31         10.20         80         77 32.07 M         012 72.087 F         80         PW           MM372         74         1         CTD/ADCPUIST         20.03.1         10.20         80         37 32.07 M         012 72.287 F         80         87.8         55         55           MM372         74         1         CTD/ADCPUIST         20.03.1         10.22 SUD K         102 72.07 F         50         87.8         55         55           MM372         73         1         CTD/ADCP         11.03 H         11.4         61.9         91.037 M         103 75.007 F         500         31.22         11.6         64.1           MM372         75         2         CTD/ADCP         11.03.1         11.4         69         397.1046 M         103 75.007 F         500         31.22         1.6         64.1           MM372         75         7         F Feat         21.03.18         11.44         86         397.1046 M         103 75.007 F         500         31.22         1.6         64.1           MM372         75         167         CTD/ADCP         11.03.1         154.4         80         397.1046 M         103 75.00											12.2	0,/		
MBM72         7.4         1         CTO/ADCP/UST         20.3.1         10.20         80         9.7         9.5         P           MBM72         7.1         1         CTO/ADCP/UST         20.3.1         10.25         N         37 32.001 M         012 22.127 °         90         9.5         Bottesi adi not close, cd probe changed           MBM72         7.7         1         CTO/ADCP         21.0.3.1         6.37         86         37 10.041 M         101 30.065 °         20.06         312         1.6         Hanged													DUV	
MMM72         74         1         CTD/ADCP/LIST         200.3         10.22         21.22         2.90         -         Destination of the problem of the p											67.5	0.5	FMT	
MMT/2         7         1         CTD/AGCP         21.0.3         6.37         6         37 10/7/Y         0.13" 30.062"         300         Ret Her darged harged           MMM72         75         1         CTD/AGCP         21.0.3.3         7.38         80         37' 10/44" North 21' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.062"         300         31' 30.06"         300         31' 30.06"         300         31' 30.06"         300         31' 30.01" <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>67.8</td><td>9,5</td><td></td><td></td></t<>											67.8	9,5		
MMM72         75         1         CTO/ADCP         21.0.318         6.37         BE         57.0.577         0.375         CH1         changed           MM72         75         1         CTO/ADCP         21.0.318         738         B0         312 30647         3076         3122         11.6         CH1           MM72         75         1         CTO/ADCP         21.0.318         13.114         B12         B0.96         312 30647         10.0         CH1           MM72         75         2         CTO/ADCP         21.0.318         13.23         B1.0         137 30677         13.00         CH1         CH1           MM77         75         2         CTO/ADCP         21.0.318         13.42 <i>dep</i> 11.30847         13.00         10.0         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         13.00         10.00         10.00         10.00         10.00         11.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00 </td <td>MSM72</td> <td>74</td> <td>1</td> <td>CTD/IADCP/LISST</td> <td>20.03.18</td> <td>10:25</td> <td>EN</td> <td>37° 32,003' N</td> <td>012° 22,129' E</td> <td>80</td> <td></td> <td></td> <td></td> <td></td>	MSM72	74	1	CTD/IADCP/LISST	20.03.18	10:25	EN	37° 32,003' N	012° 22,129' E	80				
MoM/12         75         1         C10/MACP         21.03         87         85         97         10.340 (*)         10.33 30.647         2006         32.22         11.6           MoM/17         75         1         C10/MACP         21.03.18         8.30         60         397 10.944 (*)         10.33 30.647 (*)         3005         100         3122         6.5           MOM/17         75         2         CT0/MACP         31.03.18         13.33         8.00         397 10.944 (*)         10.33 30.647 (*)         3000         3122         6.5           MSM72         75         7         Firet         21.03.18         13.442         6999(*)         97 10.940 (*)         10.30.947 (*)         310.03         12         6.5         1         C10/MACP         10.03.18         13.44         80         10.13.26 (*)         315.05         8.8         11         C10/MACP         11.03.18         13.44         80         12 .50.07 (*)         31.03         12 .50.07 (*)         31.03         12 .50.07 (*)         31.03         12 .50.07 (*)         31.03         12 .50.07 (*)         31.03         12 .50.07 (*)         31.03         12 .50.07 (*)         31.00         10.2 .50.07 (*)         31.00         10.2 .50.07 (*)         31.00								39° 10 979' N	013° 30 062' F	3076				Bottles did not close, ctd probe
MSM72         75         1         CTO/ADCP         21.03.88         800         FN         397 10.944*         0.12* 30.645*         Source         CH1           MSM72         75         2         CTO/ADCP         21.03.18         11:14         B0         39* 10.944*         0.13* 30.645*         51.00         12.0         6.5           MSM72         75         7         Foat         21.03.18         12.44         deployed         39* 10.944*         0.13* 30.05*         30.00             MSM72         75         107         UCTO         21.03.18         13.44         deployed         39* 10.944*         0.13* 30.05*         30.00            MCTO         10.01.18         13.44         deployed         39* 10.90*         0.13* 10.27*         A1.44         PH           MSM72         76         1         CTO/ADCP         21.03.18         12.04         82         9* 13.10*         0.12* 50.27* 13.17.3            A1.45	MSM72		1	CTD/IADCP	21.03.18	6:37	BE	33 10,375 N	515 50,002 E	3070			CHE1	changed
MSM72         75         2         CTO/NACP         21.03.8         11.4         6E         99 10,944*         0.13*0,067*         3005         1007         12.0           MSM72         75         2         CTO/NACP         21.03.18         13.24         66         91:0,944*         0.13*0,067*         3100         3127         6.5           MSM72         75         7         F1064         21.03.18         14.44         64/944         0.13*0,067*         3100         3127         6.5           MSM72         76         1         CTO/ACP         21.03.18         15.56         8E         39'11,988*         0.13*0,072*         314.4         PHY           MSM72         76         1         CTO/ACP         21.03.18         13.44         80         39'13,00*         0.12*50,027*         3100             MSM72         76         1         CTO/ACP         21.03.18         22.04         8E         39'13,10**         0.12*50,027*         3100             41.6*         39'13,10**         0.14*50,40**         32.10             41.7*           41.6*         39'13,10** <t< td=""><td>MSM72</td><td>75</td><td>1</td><td>CTD/IADCP</td><td>21.03.18</td><td>7:38</td><td>BO</td><td>39° 10,948' N</td><td>013° 30,066' E</td><td>3096</td><td>3122</td><td>11.6</td><td></td><td></td></t<>	MSM72	75	1	CTD/IADCP	21.03.18	7:38	BO	39° 10,948' N	013° 30,066' E	3096	3122	11.6		
MSM72         75         2         CTO/ADCP         110.318         132.44         80         99' 10.944*         N 13' 30.06*         1317         6.5           MSM72         75         7         Float         210.318         134.4         deployed         91' 10.944*         01' 30.06*         310.0         1 <td>MSM72</td> <td>75</td> <td>1</td> <td>CTD/IADCP</td> <td>21.03.18</td> <td>8:50</td> <td>EN</td> <td>39° 10,948' N</td> <td>013° 30,066' E</td> <td></td> <td></td> <td></td> <td></td> <td></td>	MSM72	75	1	CTD/IADCP	21.03.18	8:50	EN	39° 10,948' N	013° 30,066' E					
MSM72         75         2         CTO/ADCP         110.318         132.44         80         99' 10.944*         N 13' 30.06*         1317         6.5           MSM72         75         7         Float         210.318         134.4         deployed         91' 10.944*         01' 30.06*         310.0         1 <td>MSM72</td> <td>75</td> <td>2</td> <td>CTD/IADCP</td> <td>21.03.18</td> <td>11:14</td> <td>BE</td> <td>39° 10,946' N</td> <td>013° 30,067' E</td> <td>3095</td> <td></td> <td></td> <td>CHE1</td> <td></td>	MSM72	75	2	CTD/IADCP	21.03.18	11:14	BE	39° 10,946' N	013° 30,067' E	3095			CHE1	
MSM22         75         7         Field         210.318         13.28         EN         99 10.94F N         013 30.057         3080         P           MSM22         75         107         uCTD         210.318         1356         BE         99 11.98F N         013 10.12F         3080         PHY           MSM22         76         1         CTD/AGCP         210.318         1356         BE         99 11.98F N         013 10.12F         231.0         PHY           MSM22         76         1         CTD/AGCP         210.318         138.44         BO         39 13.000 N         012 '50.02F         241.1         PHY           MSM22         76         10         UCTD         20.31.8         13.95         Not N         12'59.29F         21.01.0         PHY           MSM22         77         1         CTO/AGCP         22.03.18         149         PN         91'1.305'N         011'4.504'E         23.16         CH         CH2           MSM22         77         1         CTO/AGCP         22.03.18         149         PN         114'5.04'E         23.11         PHY           MSM22         77         2         CTO/AGCP         22.03.18         FH         PHY </td <td></td> <td>3127</td> <td>6.5</td> <td></td> <td></td>											3127	6.5		
MSM22         75         7         Float         21.03.18         15.44.2         deployed         39:10,44.8         013:20,02*E         30.41.5         760         1           MSM22         76         1         CTO/ADCP         21.03.18         173.7         8E         39:11,08.8         10:250,02*E         34.14         PHY           MSM22         76         1         CTO/ADCP         21.03.18         18.44         80         39:11,000.N         012:50,027*E         34.11         84.59         8.8           MSM22         76         1.0         CTO/ADCP         21.03.18         22.04         8E         39:13,000.N         012:50,027*E         34.17         8         91         34.000.N         012:50,027*E         34.17         8         91         34.014.N         012:50,027*E         34.17         8         91         34.014.N         012:50,027*E         34.17         8         14.39.114.N         012:50,027*E         34.10         91         34.198*N         011:43,041*E         32.16         CHE2         14.1         34.19.114.N         91         34.198*N         011:43,041*E         32.16         CHE2         14.1         14.1         14.1         14.1         14.1         14.1         14.1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
MSM22         75         107         UCTO         21.03.18         13:56         BE         39' 1.198' N         103' 1.0.12' E         131.13         PHY           MSM22         76         1         CTO/ADCP         21.03.18         13:44         BO         39' 1.3.000N         102' 50.02' E         341.1         PHY           MSM22         76         1.0         CTO/ADCP         21.03.18         22.04         BE         39' 1.3.000N         102' 50.02' E         341.7         PHY           MSM22         77         1.0         CTO/ADCP         22.03.18         12.04         BE         39' 1.3.00'N         102' 50.29' E         310.0         PC           MSM21         77         1         CTO/ADCP         22.03.18         1.59         BE         39' 1.3.06'N         101' 45.04'E         3218         PHZ           MSM21         77         1         CTO/ADCP         22.03.18         2.44         EN         39' 1.3.19'N         N01' 45.04'E         3218         PHZ         PHZ           MSM21         77         2         CTO/ADCP         22.03.18         5.44         BO         39' 1.3.00'N         N01' 45.09'E         3218         PHZ           MSM21         78 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
MSM72         76         1         CTD/ADCP         21.03.18         17:37         BE         39' 12.988.N         D27' 50.297'E         341.4         PHY           MSM72         76         1         CTD/ADCP         21.03.18         19:50         EN         39' 13.000N         D2' 50.007'E         341.8         456.8         B           MSM72         76         108         UCTD         21.03.18         22:04         BE         39' 13.000N         D2' 50.27'E         310.0         -           MSM72         76         109         UCTD         22.03.18         22:04         BE         39' 13.10'N         D12' 50.20'E         310.0         -           MSM72         77         1         CTD/ADCP         22.03.18         2:17         BO         B1' 31.10'N         D12' 45.04'E         2:31.0         CH2           MSM72         77         1         CTD/ADCP         22.03.18         3:49         BE         39' 13.19'N         D11' 45.03'E         310.10'N         D11' 44.95'E         310.7         -         EH         MS/72         77         2         CTD/ADCP         22.03.18         5:54         EN         39' 12.90'N         D11' 44.95'E         310.20'D         D11' 44.95'E         310.7											760			
MSM272         76         1         CTD/ADCP         21.03.18         18:44         80         97 13.000 N 027 50.027 E         3417           MSM272         76         108         UCTD         22.03.18         22.04         8E         97 13.000 N 027 50.277 E         3417           MSM272         76         108         UCTD         22.03.18         22.04         8E         97 13.000 N 027 50.276 E         310.03           MSM272         77         1         CTD/ADCP         22.03.18         1.59         8E         97 13.195" N 017.450.472 E         311.0         OLT 45.047 E         311.0         OLT 45.057 E         311.0         OLT 45.057 E         311.0         OLT 45.057 E         310.0         OLT 45.057 E         311.0         OLT 45.057 E											760		DUN	
MSM72         76         1         CTD/ADCP         210.318         29:30         EM         39:13,000         012:50,027 E         317.3         Image: Constraint of the constraint of th													РНҮ	
MSM72         76         108         UCTD         21.03.18         22.04         BE         SP 13.06 M         0127.92.92 E         31.00 M         Description           MSM72         77         1         CTD/ADCP         22.03.18         12.00         BE         3971.310 M         0127.65.927 E         310.0         CHE2           MSM72         77         1         CTD/ADCP         22.03.18         2:17         BO         371.310 M         0127.65.927 E         3216         CHE2           MSM72         77         1         CTD/ADCP         22.03.18         2:44         EN         3971.3197 M         011.45.0471 E         3217         CHE2           MSM72         77         2         CTD/ADCP         22.03.18         4.49         BO         3971.3197 M         011.45.0471 E         3218         CHE2           MSM72         77         2         CTD/ADCP         22.03.18         6.54         BY 12.267 M         011.44.957 E         3218         14.1           MSM72         78         110         UCTD         22.03.18         6.52         BS 12.507 M         011.44.977 E         3218         016         14.42.972 E         3218         16.21         BS 397.5074 M         011.44.977 E											3465.9	8.8		
MSM72         76         109         uCTD         22.03.18         22.04         BE         97 13.191 N         012 05.201         31.00         CH2           MSM72         77         1         CTD/ADCP         22.03.18         2.19         BE         97 13.198'N         011'45.041'E         3216         CH2           MSM72         77         1         CTD/ADCP         22.03.18         2.44         FN         97 13.198'N         011'45.041'E         3218         CH2           MSM72         77         2         CTD/ADCP         22.03.18         4.44         FN         97 13.010'N         011'45.031'E         3218         CH2           MSM72         77         2         CTD/ADCP         22.03.18         6.44         FN         97 13.010'N         011'44.927'E         3315         5.201         H1           MSM72         77         2         CTD/ADCP         22.03.18         6.621         BE         397 13.20'N         011'44.927'E         3025, 5.686            MSM72         78         110         uCTD         22.03.18         6.33         95.696'N         011'44.927'E         2351, 8         721            MSM72         78         113 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>														
MSM72         77         1         CTD/ADOP         220.318         1.59         BE         97 13.98*N         0.11*45.04*E         3216         CH2           MSM72         77         1         CTD/ADOP         220.318         2:44         EN         99*13.98*N         0.11*45.04*E         3217         C           MSM72         77         2         CTD/ADOP         220.31.8         3:49         BE         39*13.98*N         0.11*45.03*E         3217         C           MSM72         77         2         CTD/ADOP         22.03.18         3:49         BE         39*13.95*N         0.11*45.03*E         3218         CH2           MSM72         77         2         CTD/ADOP         22.03.18         8:54         EN         39*12.25°N         0.11*44.95*E         3107         1         935.5         686         1         1         4.49         505.5         686         1         1         4.49         505.5         686         1         1         4.49         505.5         506         1         1         4.49         505.5         867         1         4.49         505.5         867         1         1         4.49         4.49         505.5         867 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>														
MSM72         77         1         CTD/ADCP         2203.18         2:17         80         9713.198'N         0.11*45.047'E         3218         758           MSM72         77         1         CTD/ADCP         2203.18         3:44         EN         89'13.197'N         11'45.047'E         3218         CHE2           MSM72         77         2         CTD/ADCP         22.03.18         3:49         BE         39'13.197'N         101'45.037'E         3218         CHE2           MSM72         77         2         CTD/ADCP         22.03.18         5:54         EN         39'12.20'N         101'44.950'E         3105         4           MSM72         77         8         Fleat         22.03.18         5:54         EN         39'12.20'N         101'44.92'E         305.55         666           MSM72         78         111         uCTD         22.03.18         8:30         8'5.08'N         101'42.32'E         22.51,8         721         E           MSM72         78         113         uCTD         22.03.18         8:32         8'5.08'N         101'42.02'E         12.93.2         718           MSM72         78         113         uCTD         22.03.18         13.59<			109		22.03.18	22:04	BE	39° 13,110' N	012° 05,920' E	3100				
MSM72         77         1         CTD/ADCP         22.03.18         2:44         FN         39'13.198'N         0.11'45.091'E         32.12         CH           MSM72         77         2         CTD/ADCP         22.03.18         3:49         BE         39'13.010'N         0.11'45.091'E         3215         3219         14.1           MSM72         77         2         CTD/ADCP         22.03.18         5:44         EN         39'13.010'N         0.11'44.992'E         3155         3219         14.1           MSM72         77         2         CTD/ADCP         22.03.18         6:68         BE         39'12.950'N         0.11'44.992'E         3205         6:66           MSM72         78         111         UCTD         22.03.18         6:21         BE         39'12.950'N         0.11'4.020'E         252.18         716           MSM72         78         113         UCTD         22.03.18         9:33         BE         38'5.078'N 01'14.490'E         253.24         716           MSM72         78         113         UCTD         22.03.18         15:25         BE         38'21.813'N         0.11'4.228'E         183.22         718         MSM72	MSM72	77	1	CTD/IADCP	22.03.18	1:59	BE	39° 13,198' N	011° 45,041' E	3216			CHE2	
MSM72         77         2         CTD/ADCP         22.03.18         3:49         96         9'13.19'N         0.11'45.99'E         23.18         CHE2           MSM72         77         2         CTD/ADCP         22.03.18         5:54         EN         39'13.01'N         0.11'44.99'E         31.07         1	MSM72	77	1	CTD/IADCP	22.03.18	2:17	BO	39° 13,198' N	011° 45,042' E	3218	758			
MSM72         77         2         CTD/ADCP         22.03.18         4-49         80         39'13.00'N         011'44.956'E         315         3219         14.1           MSM72         77         2         CTD/ADCP         22.03.18         6:54         EN         39'12.950'N         011'44.956'E         3200           MSM72         77         8         Float         22.03.18         6:60         BE         39'12.950'N         011'44.96'E         3200           MSM72         78         110         UCTD         22.03.18         6:21         BE         39'12.950'N         011'44.96'E         320.5         666           MSM72         78         113         UCTD         22.03.18         8:33         BE         39'05.512'N         011'44.90'E         193.2         18           MSM72         78         113         UCTD         22.03.18         12:25         BE         38'12.93'N         011'41.404'E         193.2         18           MSM72         78         116         UCTD         22.03.18         15:19         BE         38'21.81'N         011'3.8655'E         1071.2         634           MSM72         78         116         UCTD         22.03.18         15:1	MSM72	77	1	CTD/IADCP	22.03.18	2:44	EN	39° 13,198' N	011° 45,041' E	3217				
MSM72         77         2         CTD/ADCP         22.03.18         4-49         BO         39'13.00'N         0.11'44.95'E         315.3         32.0         14.1           MSM72         77         2         CTD/ADCP         22.03.18         6:06         BE         39'12.20'N         0.11'44.95'E         3200            MSM72         77         10         UCTD         22.03.18         6:01         BE         39'12.70'N         0.11'44.95'E         3200            MSM72         78         111         UCTD         22.03.18         6:21         BE         39'12.70'N         0.11'44.90'E         525.18         721           MSM72         78         113         UCTD         22.03.18         8:33         BE         38'5.07.81'N         0.11'44.90'E         193.2         18           MSM72         78         113         UCTD         22.03.18         12:25         BE         38'21.81'N         0.11'36.855'E         1071.2         634           MSM72         78         113         UCTD         22.03.18         15:19         BE         38'21.81'N         0.11'36.97'E         70.89         445           MSM72         78         113         UCTD	MSM72	77	2	CTD/IADCP	22.03.18	3:49	BE	39° 13,197' N	011° 45,039' E	3218			CHE2	
MSM72         77         2         CTD/ADCP         22.03.18         5:54         EN         39*12;920*N         0.11*44;96*E         3107         Image: Constraint of the constraint of t	MSM72	77	2	CTD/IADCP	22.03.18	4:49	BO	39° 13,010' N	011° 44,992' E	3155	3219	14.1		
MSM72         77         8         Finat         22.03.18         6:08         BE         39'12.950'N         011'4.96'E         2005         5           MSM72         78         110         uCTO         22.03.18         6:21         BE         39'12.950'N         011'4.96'E         2055,5         566            MSM72         78         111         uCTO         22.03.18         8:33         BE         39'55.312'N         011'4.96,0'E         255,18         721            MSM72         78         112         uCTO         22.03.18         8:33         BE         38'50.06'N         011'4.22.08'I         1255,2         716           MSM72         78         113         uCTO         22.03.18         12.25         BE         38'12.83'N         011'42.28'I         1231,4         716           MSM72         78         116         uCTO         22.03.18         13:59         BE         38'12.83'N         011'37.964'E         713.1         466           MSM72         78         117         uCTO         22.03.18         13:14         BU         37'55.35'N         11'35.55'E         476         12'13'N         14'55.55'E         476         12'13'N         14'55		77	2			5:54	EN							
MSM72         78         110         uCTD         22.03.18         6-21         BE         39' 12.704'N         011' 44.070' E         305.55         666         M           MSM72         78         111         uCTD         22.03.18         7.27         BE         39' 50.512'N         011' 44.070' E         255.8         721         M           MSM72         78         113         uCTD         22.03.18         9:40         BE         38' 50,764'N         011' 42.278' E         1933.2         718           MSM72         78         114         uCTD         22.03.18         10:57         BE         38' 19.65'N         011' 41.040' E         1933.2         718           MSM72         78         115         uCTD         22.03.18         13:59         BE         38' 12.93'N         011' 37.984' E         173.1         466           MSM72         78         110         uCTD         22.03.18         16:32         BE         38' 0.2816'N         011' 35.591' E         473.3         445           MSM72         79         1         CTD/ADCP/UST         22.03.18         18:34         BN         35.591'N         11' 35.591'E         473         5.444         470         9.7 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>														
MSM72         78         111         uCTD         22.03.18         7:27         BE         39' 05.312'N         011' 44.270'E         255.18         721           MSM72         78         112         uCTD         22.03.18         9:30         BE         38' 56.06'N         011' 44.278'E         1259, 392           MSM72         78         113         uCTD         22.03.18         10:57         BE         38' 56.06'N         011' 44.278'E         1359, 392           MSM72         78         116         uCTD         22.03.18         10:57         BE         38' 42.28'N         011' 44.40'E         1393, 716           MSM72         78         116         uCTD         22.03.18         13:59         BE         38' 21.81'N         011' 36.65'E         1071, 2         634           MSM72         78         116         uCTD         22.03.18         16:32         BE         38' 21.81'N         011' 36.65'E         1071, 2         634           MSM72         79         1         CTD/IADCP/USST         22.03.18         18:31         BO         37' 53.64'N         011' 35.59'E         474         470         9.7           MSM72         79         1         CTD/IADCP/USST         22.03.1											686			
MSM72         78         112         uCTD         22.03.18         8:33         BE         36' 56,066' N         0.11' 43,278' E         2284         706           MSM72         78         114         uCTD         22.03.18         9:40         BE         38' 50,784' N         0.11' 43,248' E         183.52,238' N         0.11' 43,248' E         193.32         718           MSM72         78         116         uCTD         22.03.18         12:25         BE         38' 21,813' N         0.11' 43,049' E         133.54         1         14' 44' A'         11' 33,655' E         1071,2         634         1           MSM72         78         116         uCTD         22.03.18         15:32         BE         38' 02,814'N         0.11' 35,675' E         103,9         445         1         14' 4'         13' 5,558' E         474         470         9.7         1         CTD/IADCP/USST         22.03.18         18:11         BO         37' 55,538' N         0.11' 35,558' E         474         470         9.7         1         MSM72         79         1         CTD/IADCP/USST         22.03.18         21:07         BE         38' 05,360' N         0.11' 20,776' E									,					
MSM72         78         113         UCTD         22.03.18         9:40         BE         38' 50,784'N         011' 42,289'E         1859,2         392           MSM72         78         114         UCTD         22.03.18         10:57         BE         38' 42,283'N         011' 41,445'E         1933,2         716           MSM72         78         116         UCTD         22.03.18         13:59         BE         38' 32,183'N         011' 41,040'E         2134,24'N         16           MSM72         78         116         UCTD         22.03.18         15:19         BE         38' 12,334'N         011' 36,97'E         708,9         445           MSM72         78         113         UCTD         22.03.18         16:32         BE         38' 02,816'N         011' 36,97'E         708,9         445           MSM72         79         1         CTD/ADCP/USST         22.03.18         18:31         BO         37' 53,549'N         011' 35,591'E         474         70         9.7           MSM72         79         1         CTD/ADCP/USST         22.03.18         21:10'T         BE         38' 06,340'N         011' 20,775'E         500         484         9.8           MSM72										· · ·				
MSM72         78         114         UCTD         22.03.18         10:57         BE         38*42.28*         0 11*41,44'E         193.2         718           MSM72         78         115         UCTD         22.03.18         12:25         BE         38*31,965'N         011*41,040'E         2512.4         716           MSM72         78         116         UCTD         22.03.18         15:19         BE         38*12,33'N         011*3,855'E         107.12         634           MSM72         78         118         UCTD         22.03.18         15:19         BE         38*12,33'N         011*3,855'E         733,14'66           MSM72         79         1         CTD/ALOCP/USST         22.03.18         17:57         BE         37'53,46'N         011*3,550'E         476         CHE1           MSM72         79         1         CTD/ALOCP/USST         22.03.18         18:11         BO         37'53,546'N         011*3,550'E         476         CHE1           MSM72         80         1         CTD/ALOCP         22.03.18         12:14         BO         38'6,6,340'N         011*2,0,75'E         500         L           MSM72         80         1         CTD/ALOCP         22.03														
MSM72         78         115         uCTD         22.03.18         12.25         BE         38° 31,965' N         011' 41,040' E         251,4         716           MSM72         78         116         uCTD         22.03.18         13:59         BE         38' 12,33' N         011' 36,655' E         101',2         634           MSM72         78         113         uCTD         22.03.18         16:32         BE         38' 12,33' N         011' 36,797' E         708,9         445           MSM72         79         1         CTD/LADCP/LISST         22.03.18         15:75         BE         37' 53,569' N         011' 35,581' E         473         CHEI           MSM72         79         1         CTD/LADCP/LISST         22.03.18         18:34         EN         37' 53,569' N         011' 35,569' E         474         470         9.7           MSM72         80         1         CTD/LADCP         22.03.18         12:14         BO         38' 06,360' N         011' 20,776' E         500         484         9.8           MSM72         80         1         CTD/LADCP         22.03.18         16:10         BO         38' 19,33' N         011' 6,107' E         716         CHE1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></td<>										-				
MSM72         78         116         uCTD         22.03.18         13:59         BE         38° 21,813° N         011° 38,655° E         1071,2         634           MSM72         78         117         uCTD         22.03.18         15:19         BE         38° 12,313° N         011° 37,984° E         713,1         466           MSM72         78         118         uCTD         22.03.18         16:32         BE         38° 02,816° N         011° 35,697° E         708,9         445           MSM72         79         1         CTD/IADCP/USST         22.03.18         18:11         BO         37° 53,639° N         011° 35,598° E         473         470         9.7           MSM72         80         1         CTD/IADCP/USST         22.03.18         EN         37° 53,646° N         011° 20,776° E         493         PHY           MSM72         80         1         CTD/IADCP         22.03.18         21:21         BO         38° 06,340° N         011° 20,776° E         500         484         9.8           MSM72         80         1         CTD/IADCP         22.03.18         21:21         BO         38° 06,340° N         011° 20,776° E         500         484         9.8          47										-				
MSM72         78         117         uCTD         22.03.18         15:19         BE         38* 12,334'N         011* 37,984'E         713,1         466           MSM72         78         118         uCTD         22.03.18         16:32         BE         38* 02,816'N         011* 35,797'E         708,9         445           MSM72         79         1         CTD/IADCP/LISST         22.03.18         17:57         BE         37* 53,489'N         011* 35,591'E         473         CHEI           MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:11         BO         37* 53,589'N         011* 35,591'E         474         470         9.7           MSM72         80         1         CTD/IADCP         22.03.18         12:12         BO         38* 06,366'N         011* 20,776'E         500         484         9.8           MSM72         80         1         CTD/IADCP         22.03.18         21:21         BO         38* 06,366'N         011* 20,776'E         500         484         9.8           MSM72         81         1         CTD/IADCP         22.03.18         21:35         BE         38' 19,334'N         011* 6,105'E         712         706         14.7														
MSM72         78         118         uCTD         22.03.18         16:32         BE         38° 02,816'N         011° 36,797'E         708,9         445         CHE1           MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:11         BO         37' 53,539'N         011° 35,581'E         473         CHE1           MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:34         EN         37' 53,636'N         011° 35,581'E         476            MSM72         80         1         CTD/IADCP         22.03.18         18:34         EN         37' 53,646'N         011° 35,508'E         476            MSM72         80         1         CTD/IADCP         22.03.18         21:21         BO         38' 06,366'N         011° 20,776'E         500         484         9.8           MSM72         80         1         CTD/IADCP         22.03.18         21:34         EN         38' 06,366'N         011° 20,776'E         500         484         9.8            MSM72         81         1         CTD/IADCP         23.03.18         0:05         EN         38' 19,332'N         011° 6,107'E         716         CHE1	MSM72	78	116	uCTD		13:59	BE	38° 21,813' N		1071,2	634			
MSM72         79         1         CTD/IADCP/LISST         22.03.18         17:57         BE         37*53,489'N         011*35,581'E         473         CHE1           MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:11         BO         37*53,489'N         011*35,558'E         474         470         9.7           MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:34         EN         37*53,469'N         011*35,558'E         474         470         9.7           MSM72         80         1         CTD/IADCP         22.03.18         21:07         BE         38*06,360'N         011*20,776'E         493         PHY           MSM72         80         1         CTD/IADCP         22.03.18         21:21         BO         38*06,380'N         011*20,776'E         500         484         9.8           MSM72         81         1         CTD/IADCP         22.03.18         21:51         BE         38*19,333'N         011*6,106'E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38*19,333'N         010*5,15,23'E         716         D         D         <	MSM72	78	117	uCTD	22.03.18	15:19	BE	38° 12,334' N	011° 37,984' E	713,1	466			
MSM72         79         1         CTD/IADCP/LISST         22.03.18         17:57         BE         37*53,489'N         0.11*35,581'E         473         CHE1           MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:11         BO         37*53,489'N         0.11*35,558'E         474         470         9.7           MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:14         BO         37*53,469'N         0.11*35,558'E         474         470         9.7           MSM72         80         1         CTD/IADCP         22.03.18         21:07         BE         38*06,340'N         0.11*20,776'E         500         484         9.8           MSM72         80         1         CTD/IADCP         22.03.18         21:34         EN         38*06,336'N         0.11*20,776'E         500         484         9.8           MSM72         81         1         CTD/IADCP         22.03.18         0:10         BO         38*19,333'N         0.11*6,107'E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38*19,332'N         0.10*6,107'E         716         1.47	MSM72	78	118	uCTD	22.03.18	16:32	BE	38° 02,816' N	011° 36,797' E	708,9	445			
MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:11         BO         37'53,539'N         011'35,558'E         474         470         9.7           MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:34         EN         37'53,646'N         011'35,508'E         476            MSM72         80         1         CTD/IADCP         22.03.18         21:07         BE         38'06,346'N         011'20,776'E         493         PHY           MSM72         80         1         CTD/IADCP         22.03.18         21:21         BO         38'06,366'N         011'20,776'E         500         484         9.8           MSM72         80         1         CTD/IADCP         22.03.18         21:34         EN         38'0,636'N         011'20,776'E         500         484         9.8           MSM72         81         1         CTD/IADCP         22.03.18         21:35         BE         38'19,332'N         011'6,107'E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         3:08         B0         38'32,213'N         010'51,523'E         717         706         13.6 <t< td=""><td>MSM72</td><td>79</td><td>1</td><td>CTD/IADCP/LISST</td><td>22.03.18</td><td>17:57</td><td>BE</td><td>37° 53,489' N</td><td>011° 35,581' E</td><td>473</td><td></td><td></td><td>CHE1</td><td></td></t<>	MSM72	79	1	CTD/IADCP/LISST	22.03.18	17:57	BE	37° 53,489' N	011° 35,581' E	473			CHE1	
MSM72         79         1         CTD/IADCP/LISST         22.03.18         18:34         EN         37° 53,646' N         011° 35,508' E         476         PHY           MSM72         80         1         CTD/IADCP         22.03.18         21:07         BE         38° 06,340' N         011° 20,776' E         493         PHY           MSM72         80         1         CTD/IADCP         22.03.18         21:21         BO         38° 06,366' N         011° 20,776' E         493         PHY           MSM72         80         1         CTD/IADCP         22.03.18         21:34         EN         38° 06,366' N         011° 20,776' E         500         484         9.8           MSM72         81         1         CTD/IADCP         22.03.18         22:53         BE         38° 19,333' N         011° 6,107' E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38° 19,332' N         011° 6,103' E         716         CHE1           MSM72         82         1         CTD/IADCP         23.03.18         3:08         80         38° 32,213' N         010° 51,523' E         725         PHY           MSM72         8	MSM72	79	1	CTD/IADCP/LISST	22.03.18	18:11	BO	37° 53,539' N	011° 35,558' E	474	470	9.7		
MSM72         80         1         CTD/IADCP         22.03.18         21:07         BE         38' 06,340' N         011' 20,776' E         493         PHY           MSM72         80         1         CTD/IADCP         22.03.18         21:21         BO         38' 06,360' N         011' 20,776' E         500         484         9.8           MSM72         80         1         CTD/IADCP         22.03.18         21:34         EN         38' 06,380' N         011' 20,776' E         500             MSM72         81         1         CTD/IADCP         22.03.18         02:38         BE         38' 19,333' N         011' 6,107' E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38' 19,333' N         011' 6,103' E         716             MSM72         82         1         CTD/IADCP         23.03.18         3:08         BO         38' 32,213' N         010' 51,523' E         717         706         13.6           MSM72         82         1         CTD/IADCP         23.03.18         3:27         EN         38' 32,213' N         010' 51,523' E         712         706 <td< td=""><td></td><td>79</td><td>1</td><td></td><td></td><td></td><td>EN</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		79	1				EN							
MSM72         80         1         CTD/IADCP         22.03.18         21:21         BO         38° 06,366' N         011° 20,776' E         500         484         9.8           MSM72         80         1         CTD/IADCP         22.03.18         21:34         EN         38° 06,366' N         011° 20,776' E         500             MSM72         81         1         CTD/IADCP         22.03.18         22:33         BE         38' 19,333' N         011° 6,107' E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38' 19,332' N         011° 6,103' E         716            MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38' 19,332' N         011° 6,103' E         716            MSM72         82         1         CTD/IADCP         23.03.18         0:38         B0         38' 32,213' N         010' 51,523' E         717         706         13.6           MSM72         82         1         CTD/IADCP         23.03.18         5:35         BE         38' 44,976' N         010' 36,634' E         2468         CHE1           M													PHY	
MSM72         80         1         CTD/IADCP         22.03.18         21:34         EN         38° 06,380' N         011° 20,755' E         500         CHE           MSM72         81         1         CTD/IADCP         22.03.18         22:53         BE         38° 19,333' N         011° 6,107' E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         0:10         BO         38' 19,333' N         011° 6,107' E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38' 19,332' N         011° 6,106' E         716         CHE1           MSM72         82         1         CTD/IADCP         23.03.18         0:35         EN         38' 32,213' N         010' 51,523' E         717         706         13.6           MSM72         82         1         CTD/IADCP         23.03.18         3:27         EN         38' 32,213' N         010' 51,523' E         717         706         13.6           MSM72         83         1         CTD/IADCP         23.03.18         5:35         BE         38' 44,976' N         010' 36,631' E         2466         CHE1           MSM72 <td></td> <td>484</td> <td>9,8</td> <td></td> <td></td>											484	9,8		
MSM72         81         1         CTD/IADCP         22.03.18         22:53         BE         38° 19,333'N         011° 6,107'E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         0:10         BO         38° 19,333'N         011° 6,107'E         716         CHE1           MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38° 19,333'N         011° 6,103'E         716         CHE1           MSM72         82         1         CTD/IADCP         23.03.18         0:35         EN         38° 19,333'N         011° 6,103'E         716         CHE1           MSM72         82         1         CTD/IADCP         23.03.18         0:35         EN         38° 32,213'N         010° 51,523'E         727         PHY           MSM72         82         1         CTD/IADCP         23.03.18         3:26         BO         38° 42,210'N         010° 51,523'E         727         T76         13.6           MSM72         83         1         CTD/IADCP         23.03.18         5:35         BE         38° 44,977'N         010° 36,634'E         2469         2492         10.3           MSM72												5.0		
MSM72         81         1         CTD/IADCP         23.03.18         0:10         BO         38° 19,334' N         011° 6,106' E         712         706         14.7           MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38° 19,334' N         011° 6,103' E         716            MSM72         82         1         CTD/IADCP         23.03.18         2:51         BE         38° 32,213' N         010° 51,523' E         725         PHY           MSM72         82         1         CTD/IADCP         23.03.18         3:08         BO         38° 32,213' N         010° 51,523' E         717         706         13.6           MSM72         82         1         CTD/IADCP         23.03.18         3:02         EN         38° 32,210' N         010° 51,523' E         717         706         13.6           MSM72         83         1         CTD/IADCP         23.03.18         5:35         BE         38° 44,976' N         010° 36,634' E         2468         CHE1           MSM72         83         1         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,976' N         010° 36,634' E         2466													CHE1	
MSM72         81         1         CTD/IADCP         23.03.18         0:35         EN         38° 19,332' N         011° 6,103' E         716         Image: Control of the contro											706	147	CHEI	
MSM72         82         1         CTD/IADCP         23.03.18         2:51         BE         38° 32,213' N         010° 51,523' E         725         PHY           MSM72         82         1         CTD/IADCP         23.03.18         3:08         BO         38° 32,213' N         010° 51,523' E         717         706         13.6           MSM72         82         1         CTD/IADCP         23.03.18         3:27         EN         38° 32,213' N         010° 51,523' E         722             MSM72         83         1         CTD/IADCP         23.03.18         3:27         EN         38° 32,210' N         010° 51,534' E         722             MSM72         83         1         CTD/IADCP/LISST         23.03.18         5:35         BE         38° 44,976' N         010° 36,631' E         2468         CHE1           MSM72         83         1         CTD/IADCP/LISST         23.03.18         7:50         E         N         38° 44,976' N         010° 36,634' E         2469         2492         10.3           MSM72         83         2         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,976' N         010° 36,631' E         247											706	14./		
MSM72         82         1         CTD/IADCP         23.03.18         3:08         BO         38° 32,213' N         010° 51,523' E         717         706         13.6           MSM72         82         1         CTD/IADCP         23.03.18         3:27         EN         38° 32,213' N         010° 51,523' E         717         706         13.6           MSM72         83         1         CTD/IADCP         23.03.18         5:35         BE         38° 44,976' N         010° 36,631' E         2468         CHE1           MSM72         83         1         CTD/IADCP/LISST         23.03.18         6:23         BO         38° 44,977' N         010° 36,634' E         2469         2492         10.3           MSM72         83         1         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,978' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,978' N         010° 36,631' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         9:47         EN         38° 44,977' N         010° 36,631' E         2475         <													DUIX	
MSM72         82         1         CTD/IADCP         23.03.18         3:27         EN         38° 32,210' N         010° 51,534' E         722         1           MSM72         83         1         CTD/IADCP         23.03.18         5:35         BE         38° 44,976' N         010° 36,634' E         2468         CHE1           MSM72         83         1         CTD/IADCP/LISST         23.03.18         6:23         BO         38° 44,977' N         010° 36,634' E         2468         CHE1           MSM72         83         1         CTD/IADCP/LISST         23.03.18         7:30         EN         38° 44,978' N         010° 36,634' E         2466            MSM72         83         2         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,978' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,976' N         010° 36,631' E         2475         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         9:47         EN         38° 44,977' N         010° 36,631' E         2475            MSM72         8													РНҮ	
MSM72         83         1         CTD/IADCP         23.03.18         5:35         BE         38° 44,976' N         010° 36,631' E         2468         CHE1           MSM72         83         1         CTD/IADCP/LISST         23.03.18         6:23         BO         38° 44,977' N         010° 36,631' E         2468         CHE1           MSM72         83         1         CTD/IADCP/LISST         23.03.18         6:23         BO         38° 44,977' N         010° 36,634' E         2469         2492         10.3           MSM72         83         1         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,976' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         8:44         BO         38° 44,976' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         9:47         EN         38° 44,976' N         010° 36,631' E         2492         10.9           MSM72         83         10         uCTD         23.03.18         1112         BE         38° 44,977' N         010° 36,631' E         2475         E           <											706	13.6		
MSM72         83         1         CTD/IADCP/LISST         23.03.18         6:23         BO         38° 44,977' N         010° 36,634' E         2469         2492         10.3           MSM72         83         1         CTD/IADCP/LISST         23.03.18         7:30         EN         38° 44,978' N         010° 36,634' E         2466             MSM72         83         2         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,978' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         8:44         BO         38° 44,976' N         010° 36,631' E         2598         2492         10.9           MSM72         83         2         CTD/IADCP/LISST         23.03.18         9:47         EN         38° 44,977' N         010° 36,631' E         2475             MSM72         83         19         uCTD         23.03.18         11:12         BE         38° 43,878' N         010° 22,921' E         2689,6         655            MSM72         83         120         uCTD         23.03.18         12:41         BE         38° 42,870' N         010° 09,675' E														
MSM72         83         1         CTD/IADCP/LISST         23.03.18         7:30         EN         38° 44,978' N         010° 36,634' E         2466            MSM72         83         2         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,978' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         8:44         BO         38° 44,976' N         010° 36,631' E         2598         2492         10.9           MSM72         83         2         CTD/IADCP/LISST         23.03.18         9:47         EN         38° 44,977' N         010° 36,631' E         2475            MSM72         83         119         uCTD         23.03.18         11:12         BE         38° 43,878' N         010° 36,631' E         2475            MSM72         83         120         uCTD         23.03.18         11:12         BE         38° 43,878' N         010° 36,631' E         2475            MSM72         83         120         uCTD         23.03.18         12:41         BE         38° 42,800' N         010° 09,675' E         2110,3         707 <td< td=""><td>MSM72</td><td>83</td><td>1</td><td>CTD/IADCP</td><td>23.03.18</td><td>5:35</td><td>BE</td><td>38° 44,976' N</td><td>010° 36,631' E</td><td>2468</td><td></td><td></td><td>CHE1</td><td></td></td<>	MSM72	83	1	CTD/IADCP	23.03.18	5:35	BE	38° 44,976' N	010° 36,631' E	2468			CHE1	
MSM72         83         2         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,978' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         8:44         BO         38° 44,976' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         8:44         BO         38° 44,976' N         010° 36,631' E         2598         2492         10.9           MSM72         83         2         CTD/IADCP/LISST         23.03.18         9:47         EN         38° 44,977' N         010° 36,631' E         2475             MSM72         83         119         uCTD         23.03.18         11:12         BE         38° 43,878' N         010° 22,921' E         2689,6         655            MSM72         83         120         uCTD         23.03.18         14:02         BE         38° 42,006' N         010° 25,028' E         2110,3         707           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:42         BO         38° 42,007' N         009° 59,028' E         2277	MSM72	83	1	CTD/IADCP/LISST	23.03.18	6:23	BO	38° 44,977' N	010° 36,634' E	2469	2492	10.3		
MSM72         83         2         CTD/IADCP/LISST         23.03.18         7:57         BE         38° 44,978' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         8:44         BO         38° 44,976' N         010° 36,634' E         2477         CHE1           MSM72         83         2         CTD/IADCP/LISST         23.03.18         8:44         BO         38° 44,976' N         010° 36,631' E         2598         2492         10.9           MSM72         83         2         CTD/IADCP/LISST         23.03.18         9:47         EN         38° 44,977' N         010° 36,631' E         2475             MSM72         83         119         uCTD         23.03.18         11:12         BE         38° 43,878' N         010° 22,921' E         2689,6         655            MSM72         83         120         uCTD         23.03.18         14:02         BE         38° 42,006' N         010° 25,028' E         2110,3         707           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:42         BO         38° 42,007' N         009° 59,028' E         2277	MSM72	83	1	CTD/IADCP/LISST	23.03.18	7:30	EN	38° 44,978' N	010° 36,634' E	2466				
MSM72         83         2         CTD/IADCP/LISST         23.03.18         8:44         BO         38° 44,976' N         010° 36,631' E         2598         2492         10.9           MSM72         83         2         CTD/IADCP/LISST         23.03.18         9:47         EN         38° 44,977' N         010° 36,631' E         2475             MSM72         83         119         uCTD         23.03.18         11:12         BE         38° 43,878' N         010° 22,921' E         2689,6         655           MSM72         83         120         uCTD         23.03.18         12:41         BE         38° 42,070' N         010° 36,631' E         2110,3         707           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:02         BE         38° 42,000' N         009° 59,026' E         2277         PHY           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:48         BO         38° 42,000' N         009° 59,026' E         2277         PHY           MSM72         84         1         CTD/IADCP/LISST         23.03.18         15:42         EN         38° 42,007' N         009° 59,026' E         2272         247         <		83	2			7:57	BE						CHE1	
MSM72         83         2         CTD/IADCP/LISST         23.03.18         9:47         EN         38° 44,977' N         010° 36,631' E         2475            MSM72         83         119         uCTD         23.03.18         11:12         BE         38° 43,878' N         010° 36,631' E         2475             MSM72         83         120         uCTD         23.03.18         11:12         BE         38° 43,878' N         010° 22,921' E         2689,6         655            MSM72         83         120         uCTD         23.03.18         12:41         BE         38° 42,870' N         010° 09,675' E         2110,3         707           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:02         BE         38° 42,006' N         009° 59,028' E         2277         PHY           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:48         BO         38° 42,007' N         009° 59,026' E         2270         2297         13.6           MSM72         84         1         CTD/IADCP/LISST         23.03.18         15:42         EN         38° 42,007' N         009° 59,029' E         2272											2492	10.9		
MSM72         83         119         uCTD         23.03.18         11:12         BE         38° 43,878' N         010° 22,921' E         2689,6         655            MSM72         83         120         uCTD         23.03.18         12:41         BE         38° 42,870' N         010° 09,675' E         2110,3         707           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:02         BE         38° 42,006' N         009° 59,028' E         2277         PHY           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:48         BO         38° 42,007' N         009° 59,028' E         2277         PHY           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:48         BO         38° 42,007' N         009° 59,026' E         2270         2297         13.6           MSM72         84         1         CTD/IADCP/LISST         23.03.18         15:42         EN         38° 42,007' N         009° 59,029' E         2272														
MSM72         83         120         uCTD         23.03.18         12:41         BE         38° 42,870' N         010° 09,675' E         2110,3         707           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:02         BE         38° 42,006' N         009° 59,028' E         2277         PHY           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:48         BO         38° 42,007' N         009° 59,028' E         2277         PHY           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:48         BO         38° 42,007' N         009° 59,026' E         2270         2297         13.6           MSM72         84         1         CTD/IADCP/LISST         23.03.18         15:42         EN         38° 42,007' N         009° 59,029' E         2272											655			
MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:02         BE         38° 42,006' N         009° 59,028' E         2277         PHY           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:48         BO         38° 42,007' N         009° 59,028' E         2277         PHY           MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:48         BO         38° 42,007' N         009° 59,026' E         2270         2297         13.6           MSM72         84         1         CTD/IADCP/LISST         23.03.18         15:42         EN         38° 42,007' N         009° 59,029' E         2272														
MSM72         84         1         CTD/IADCP/LISST         23.03.18         14:48         BO         38° 42,007' N         009° 59,026' E         2270         2297         13.6           MSM72         84         1         CTD/IADCP/LISST         23.03.18         15:42         EN         38° 42,007' N         009° 59,026' E         2270         2297         13.6								,	,		/0/		PHV	
MSM72 84 1 CTD/IADCP/LISST 23.03.18 15:42 EN 38° 42,007' N 009° 59,029' E 2272											2207	12.6		
			_								2291	13.0		
MSW/2 84 121 UCD 23.03.18 16:49 BE 38°36,329'N 009°48,143'E 2060,7 766	<ul> <li>N/N////</li> </ul>	84									700			
								291 26 220' N	LOOM: 48 143' F	12060.7	/66			1

MSM72	85	1	CTD/IADCP/LISST	23.03.18	18:09	BE	38° 30,998' N	009° 38,540' E	1868			CHE1	
MSM72	85	1	CTD/IADCP/LISST	23.03.18	18:49	BO	38° 30,997' N	009° 38,543' E	1866	1884	8		
MSM72	85	1	CTD/IADCP/LISST	23.03.18	19:40	EN	38° 30,997' N	009° 38,544' E	1867				
	85						38° 30,919' N		1869,2	715			
MSM72		122	uCTD	23.03.18	19:53	BE	,	009° 38,023' E	,				
MSM72	85	123	uCTD	23.03.18	21:25	BE	38° 24,087' N	009° 26,078' E	1629,6	775			
MSM72	86	1	CTD/IADCP	23.03.18	22:45	BE	38° 19,982' N	009° 18,024' E	1934			PHY	
MSM72	86	1	CTD/IADCP	23.03.18	23:22	BO	38° 19,982' N	009° 18,023' E	1927	1942	14.3		
MSM72	86	1	CTD/IADCP	23.03.18	0:00	EN	38° 19,983' N	009° 18,018' E	1930				
			,				,	,					
MSM72	86	124	uCTD	24.03.18	1:05	BE	38° 19,242' N	009° 07,590' E	1991,3	705			
MSM72	87	1	CTD/IADCP	24.03.18	2:15	BE	38° 18,476' N	008° 58,528' E	2093			CHE1	
MSM72	87	1	CTD/IADCP	24.03.18	2:58	BO	38° 18,476' N	008° 58,525' E	2107				
MSM72	87	1	CTD/IADCP	24.03.18	3:53	EN	38° 18,476' N	008° 58,525' E	2107	2115	13,9		
											15,9		
MSM72	87	125	uCTD	24.03.18	4:43	BE	38° 17,771' N	008° 48,827' E	2177,6	781			
MSM72	88	1	CTD/IADCP	24.03.18	5:55	BE	38° 17,004' N	008° 39,029' E	2135			PHY	
MSM72	88	1	CTD/IADCP	24.03.18	6:41	BO	38° 17,005' N	008° 39,030' E	2124	2144	10		
MSM72	88	1	CTD/IADCP	24.03.18	7:25	EN	38° 17,004' N	008° 39,030' E	2120				
			,							65.4			
MSM72	88	126	uCTD	24.03.18	7:35	BE	38° 17,143' N	008° 38,765' E	2119,6	654			
MSM72	88	127	uCTD	24.03.18	9:03	BE	38° 22,224' N	008° 27,131' E	816,5	638			
MSM72	89	1	CTD/IADCP/LISST	24.03.18	10:12	BE	38° 25,511' N	008° 19,522' E	2097			CHE1	
MSM72	89	1	CTD/IADCP/LISST	24.03.18	10:54	BO	38° 25,526' N	008° 19,529' E	2112	2108.1	9		
MSM72	89				11:47		,			210011	-		
		1	CTD/IADCP/LISST	24.03.18		EN	38° 25,525' N	008° 19,531' E	2057				
MSM72	89	128	uCTD	24.03.18	12:55	BE	38° 29,908' N	008° 09,380' E	2241,8	646			
MSM72	90	1	CTD/IADCP/LISST	24.03.18	14:12	BE	38° 34,031' N	007° 50,987' E	2211			PHY	
MSM72	90	1	CTD/IADCP/LISST	24.03.18	14:56	BO	38° 34,080' N	008° 00,128' E	2214	2220	16		
MSM72	90	1	CTD/IADCP/LISST	24.03.18	15:40	EN	38° 34,106' N	008° 00,208' E	2204				
MSM72	90	129	uCTD	24.03.18	16:48	BE	38° 39,141' N	007° 50,009' E	2381	772			
MSM72	91	1	CTD/IADCP/LISST	24.03.18	18:07	BE	38° 44,313' N	007° 40,482' E	2843			CHE2	
MSM72	91	1	CTD/IADCP/LISST	24.03.18	18:24	BO	38° 44,312' N	007° 40,483' E	2829	505			
MSM72	91	1	CTD/IADCP/LISST	24.03.18	18:48	EN	38° 44,311' N	007° 40,482' E	2946				
												01152	
MSM72	91	2	CTD/IADCP/LISST	24.03.18	20:08	BE	38° 44,309' N	007° 40,482' E	2827			CHE2	
MSM72	91	2	CTD/IADCP/LISST	24.03.18	21:04	BO	38° 44,302' N	007° 40,453' E	2836	2864	9		
MSM72	91	2	CTD/IADCP/LISST	24.03.18	22:14	EN	38° 44,302' N	007° 40,463' E	2826				
MSM72	91	130	uCTD	24.03.18	22:28	BE	38° 44,480' N	007° 40,145' E	2835,2	762			
							,		,				
MSM72	91	131	uCTD	25.03.18	0:00	BE	38° 50,270' N	007° 28,640' E	2840,6	752			
MSM72	92	1	CTD/IADCP	25.03.18	1:16	BE	38° 54,492' N	007° 21,043' E	2842			PHY	
MSM72	92	1	CTD/IADCP	25.03.18	2:11	BO	38° 54,515' N	007° 21,012' E	2843	2868	14.6		
MSM72	92	1	CTD/IADCP	25.03.18	3:04	EN			2842	2000			
							38° 54,506' N	007° 20,984' E					
MSM72	92	132	uCTD	25.03.18	3:57	BE	38° 56,455' N	007° 11,260' E	2850,2	773			
MSM72	93	1	CTD/IADCP	25.03.18	5:12	BE	38° 57,324' N	007° 01,518' E	2857			CHE1	
MSM72	93	1	CTD/IADCP	25.03.18	6:06	BO	38° 57,348' N	007° 01,506' E	2849	2857	14		
MSM72	93	1	CTD/IADCP	25.03.18	7:19	EN	38° 57,867' N	007° 01,496' E	2851				
			,										
MSM72	93	133	uCTD	25.03.18	8:20	BE	38° 58,863' N	006° 51,977' E	2848,9	683			
MSM72	94	1	CTD/IADCP/LISST	25.03.18	9:34	BE	39°00,049' N	006° 41,962' E	2848			PHY	
MSM72	94	1	CTD/IADCP/LISST	25.03.18	10:31	BO	39°00,090' N	006° 41,934' E	2852	2884	9.5		
MSM72	94	1	CTD/IADCP/LISST	25.03.18	11:26	EN	39°00,090' N	006° 41,935' E	2851				
								-		675			
MSM72	94	134	uCTD	25.03.18	11:39	BE	38° 59,932' N	006° 41,403' E	2853	675			
MSM72	94	135	uCTD	25.03.18	12:54	BE	38° 58,058' N	006° 31,076' E	2856,5	674			
MSM72	95	1	CTD/IADCP/LISST	25.03.18	13:56	BE	39°56,966' N	006° 24,575' E	2867			CHE1	
MSM72	95	1	CTD/IADCP/LISST	25.03.18	14:49	BO	39°56,808' N	006° 24,612' E	2865	2882	13.7		
							,			2002	13.7		
MSM72	95	1	CTD/IADCP/LISST	25.03.18	15:57	EN	39°56,586' N	006° 24,665' E	2858				
MSM72	95	136	uCTD	25.03.18	16:39	BE	38° 55,832' N	006° 17,188' E	2862,9	738			
MSM72	96	1	CTD/IADCP/LISST	25.03.18	17:58	BE	38°53,975' N	006° 07,218' E	2854			PHY	
MSM72	96	1	CTD/IADCP/LISST	25.03.18	18:52	BO	38°53,934' N	006° 07,194' E		2884	10.4		
	-					EN							1
MSM72	96	1	CTD/IADCP/LISST	25.03.18	19:48				2857		10.4		
MSM72	96	137	uCTD				38°53,921' N	006° 07,184' E	2850,5		10.4		
MSM72	97	1		25.03.18	20:38	BE	38° 52,754' N	006° 07,184' E 005° 58,727' E		729	10.4		
MSM72	-		CTD/IADCP/LISST	25.03.18 25.03.18	20:38 21:53			006° 07,184' E 005° 58,727' E	2850,5		10.4	CHE2	
	97	1	CTD/IADCP/LISST	25.03.18	21:53	BE	38° 52,754' N 38°50,974' N	006° 07,184' E 005° 58,727' E 005° 49,813' E	2850,5 2856,6 2850			CHE2	
	97	1	CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18	21:53 22:08	BE BE BO	38° 52,754' N 38° 50,974' N 38° 50,974' N	006° 07,184' E 005° 58,727' E 005° 49,813' E 005° 49,816' E	2850,5 2856,6 2850 2851	729		CHE2	
MSM72	97	1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18 25.03.18	21:53 22:08 22:29	BE BE BO EN	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,974' N	006° 07,184' E 005° 58,727' E 005° 49,813' E 005° 49,816' E 005° 49,814' E	2850,5 2856,6 2850 2851 2851	729			
MSM72 MSM72	97 97	1 1 2	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18 25.03.18 25.03.18	21:53 22:08 22:29 23:46	BE BE BO EN BE	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N	006° 07,184' E 005° 58,727' E 005° 49,813' E 005° 49,816' E 005° 49,814' E 005° 49,818' E	2850,5 2856,6 2850 2851 2851 2850	729 504		CHE2 CHE2	
MSM72 MSM72 MSM72	97 97 97	1 1 2 2	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18 25.03.18 25.03.18 26.03.18	21:53 22:08 22:29	BE BE BO EN	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,974' N	006° 07,184' E 005° 58,727' E 005° 49,813' E 005° 49,816' E 005° 49,814' E 005° 49,818' E 005° 49,814' E	2850,5 2856,6 2850 2851 2851	729			
MSM72 MSM72	97 97	1 1 2	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18 25.03.18 25.03.18	21:53 22:08 22:29 23:46	BE BE BO EN BE	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N	006° 07,184' E 005° 58,727' E 005° 49,813' E 005° 49,816' E 005° 49,814' E 005° 49,818' E 005° 49,814' E	2850,5 2856,6 2850 2851 2851 2850	729 504			
MSM72 MSM72 MSM72 MSM72	97 97 97	1 1 2 2 2	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18 25.03.18 25.03.18 26.03.18 26.03.18	21:53 22:08 22:29 23:46 0:38 1:40	BE BO EN BE BO	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N	006° 07,184' E 005° 58,727' E 005° 49,813' E 005° 49,816' E 005° 49,814' E 005° 49,814' E 005° 49,818' E 005° 49,814' E	2850,5 2856,6 2850 2851 2851 2850 2850 2850	729 504 2880			
MSM72 MSM72 MSM72 MSM72 MSM72	97 97 97 97 97 97	1 2 2 138	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST uCTD	25.03.18 25.03.18 25.03.18 25.03.18 26.03.18 26.03.18 26.03.18	21:53 22:08 22:29 23:46 0:38 1:40 1:55	BE BO EN BE BO EN BE	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N	006° 07,184' E 005° 58,727' E 005° 49,813' E 005° 49,816' E 005° 49,814' E 005° 49,818' E 005° 49,814' E 005° 49,817' E	2850,5 2856,6 2850 2851 2851 2850 2850 2851 2842,6	729 504 2880 654			
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	97 97 97 97 97 97 97	1 2 2 138 139	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST uCTD uCTD	25.03.18 25.03.18 25.03.18 25.03.18 26.03.18 26.03.18 26.03.18 26.03.18	21:53 22:08 22:29 23:46 0:38 1:40 1:55 2:58	BE BO EN BE BO EN BE BE BE	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38° 50,973' N 38° 50,009' N	006° 07,184' E 005° 58,727' E 005° 49,813' E 005° 49,814' E 005° 49,814' E 005° 49,814' E 005° 49,817' E 005° 49,817' E	2850,5 2856,6 2850 2851 2851 2850 2851 2842,6 2851	729 504 2880		CHE2	
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	97 97 97 97 97 97 97 98	1 2 2 138 139 1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST uCTD uCTD CTD/IADCP	25.03.18 25.03.18 25.03.18 25.03.18 26.03.18 26.03.18 26.03.18 26.03.18 26.03.18	21:53 22:08 22:29 23:46 0:38 1:40 1:55 2:58 4:03	BE BO EN BE BO EN BE BE BE BE	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38° 50,973' N 38° 50,009' N 38°47,981' N	006" 07,184' E 005" 58,727' E 005" 49,813' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,817' E 005" 49,419' E 005" 40,419' E	2850,5 2856,6 2850 2851 2850 2850 2850 2851 2842,6 2851 2842,6	729 504 2880 654 703	10.1		
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MSM72	97 97 97 97 97 97 98 98 98 98 98 99 99 99 99 99 99 100 100 100 100 100 1	1 1 2 2 138 139 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18 25.03.18 25.03.18 26.03.18	21:53 22:08 22:29 23:46 0:38 1:40 1:55 2:58 4:03 4:58 5:53 6:44 8:02 8:57 10:11 11:08 8:57 10:11 11:09 14:02 14:09 15:23 16:23 17:13 18:22	BE           BE           BO           EN           BE           BO           EN	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N 38°50,972' N 38° 50,972' N 38° 50,972' N 38° 50,973' N 38° 47,981' N 38° 47,163' N 38° 47,163' N 38° 47,163' N 38° 44,976' N 38° 42,005' N 38° 40,230' N 38° 40,230' N 38° 40,230' N 38° 39,005' N	006" 07,184' E 005" 58,727' E 005" 49,813' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,817' E 005" 49,419' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 15,020' E 005" 15,020' E 004" 57,640' E 004" 57,640' E 004" 57,641' E 004" 57,641' E 004" 40,254' E 004" 40,254' E	2850,5 2856,6 2850 2851 2850 2851 2842,6 2851 2842,6 2851 2844,6 2851 2836 2851 2836 2812 2803 2807 2800,7 2746 2742 2741 2733,2 2698,7 2650 2652 2648	729 504 2880 654 703 2835 762 2802 709 2765 682 747 2675	 10.1 13.5 10 9.1	CHE2 PHY CHE1 PHY	
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MSM72	97 97 97 97 97 97 98 98 98 98 98 99 99 99 99 99 99 99 99	1 1 2 2 138 139 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18 25.03.18 25.03.18 26.03.18	21:53 22:08 22:29 23:46 0:38 1:40 1:55 2:58 4:58 5:53 6:44 8:02 8:57 10:11 11:08 12:17 13:09 14:02 14:09 15:23 16:23 17:13 18:22 19:11 20:23	BE           BE           BO           EN           BE           BE           BE           BE           BE           BO           EN           BE           BE	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,973' N 38°50,973' N 38°47,981' N 38°47,981' N 38°47,981' N 38°47,981' N 38°47,981' N 38°47,981' N 38°47,961 N 38°44,976' N 38°44,976' N 38°44,976' N 38°44,976' N 38°44,976' N 38°44,976' N 38°42,008' N 38°42,008' N 38°40,230' N 38°40,230' N 38°39,009' N 38°39,001' N 38°37,331' N 38°35,966' N	006" 07,184' E 005" 58,727' E 005" 49,813' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,817' E 005" 40,419' E 005" 40,419' E 005" 32,396' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 52,26' E 005" 15,020' E 005" 15,020' E 004" 57,641' E 004" 57,641' E 004" 57,641' E 004" 57,641' E 004" 40,254' E 004" 40,254' E 004" 21,983' E 004" 22,823' E	2850,5 2856,6 2850 2851 2851 2850 2851 2852 2853 2842,6 2853 2842,6 2853 2853 2846 2851 2836 2812 2803 2807 2800,7 2800,7 2746 2742 2741 2733,2 2698,7 2650 2652 2648 2421,3 2427	729 504 2880 654 703 2835 762 2802 2802 2802 2802 2802 2802 682 747 2675 747	 10.1 13.5 10 9.1	CHE2 PHY CHE1 PHY	
MSM72           MSM72	97 97 97 97 97 98 98 98 98 98 99 99 99 99 99 99 99 99	1 1 2 2 138 139 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18 25.03.18 26.03.18	21:53 22:08 22:29 23:46 0:38 1:40 1:55 2:58 4:03 4:58 5:53 6:44 8:02 8:57 10:11 11:08 12:17 13:09 14:02 14:09 14:02 14:02 14:02 14:02 14:02 14:23 16:23 17:13 18:22 19:11 20:23 21:15	BE           BE           BO           EN           BE           BO           EN           BE           BE           BO           EN           BE           BE           BE           BE           BO           EN           BE           BE	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N 38° 50,972' N 38° 50,972' N 38° 50,972' N 38° 50,973' N 38° 50,973' N 38° 50,973' N 38° 50,973' N 38° 50,973' N 38° 40,974' N 38° 47,163' N 38° 47,163' N 38° 47,163' N 38° 47,981' N 38° 44,976' N 38° 43,976' N 38° 43,976' N 38° 43,003' N 38° 40,230' N 38° 39,000' N 38° 33,960' N	006° 07,184' E 005° 49,813' E 005° 49,813' E 005° 49,814' E 005° 49,814' E 005° 49,814' E 005° 49,814' E 005° 49,814' E 005° 49,817' E 005° 49,419' E 005° 40,419' E 005° 32,395' E 005° 32,395' E 005° 32,395' E 005° 15,020' E 005° 15,020' E 005° 15,020' E 005° 15,020' E 005° 57,637' E 004° 57,640' E 004° 57,640' E 004° 57,647' E 004° 57,647' E 004° 57,647' E 004° 57,647' E 004° 40,254' E 004° 40,254' E 004° 31,998' E 004° 22,820' E	2850,5 2856,6 2850 2851 2851 2850 2851 2852 2853 2842,6 2851 2853 2853 2853 2846 2851 2836 2812 2800,7 2800,7 2746 2742 2742 2742 2742 2742 2733,2 2698,7 2650 2652 2648 2421,3 2477 2476	729 504 2880 654 703 2835 762 2802 709 2765 682 747 2675	 10.1 13.5 10 9.1	CHE2 PHY CHE1 PHY CHE1	
MSM72	97 97 97 97 97 97 98 98 98 98 98 99 99 99 99 99 99 99 99	1 1 2 2 138 139 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST UCTD UCTD CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	25.03.18 25.03.18 25.03.18 25.03.18 26.03.18	21:53 22:08 22:29 23:46 0:38 1:40 1:55 2:58 4:58 5:53 6:44 8:02 8:57 10:11 11:08 12:17 13:09 14:02 14:09 15:23 16:23 17:13 18:22 19:11 20:23	BE           BE           BO           EN           BE           BE           BE           BE           BE           BO           EN           BE           BE	38° 52,754' N 38°50,974' N 38°50,974' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,972' N 38°50,973' N 38°50,973' N 38°47,981' N 38°47,981' N 38°47,981' N 38°47,981' N 38°47,981' N 38°47,981' N 38°47,961 N 38°44,976' N 38°44,976' N 38°44,976' N 38°44,976' N 38°44,976' N 38°44,976' N 38°42,008' N 38°42,008' N 38°40,230' N 38°40,230' N 38°39,009' N 38°39,001' N 38°37,331' N 38°35,966' N	006" 07,184' E 005" 58,727' E 005" 49,813' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,814' E 005" 49,817' E 005" 40,419' E 005" 40,419' E 005" 32,396' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 32,395' E 005" 52,26' E 005" 15,020' E 005" 15,020' E 004" 57,641' E 004" 57,641' E 004" 57,641' E 004" 57,641' E 004" 40,254' E 004" 40,254' E 004" 21,983' E 004" 22,823' E	2850,5 2856,6 2850 2851 2851 2850 2851 2852 2853 2842,6 2853 2842,6 2853 2853 2846 2851 2836 2812 2803 2807 2800,7 2800,7 2746 2742 2741 2733,2 2698,7 2650 2652 2648 2421,3 2427	729 504 2880 654 703 2835 762 2802 2802 2802 2802 2802 2802 682 747 2675 747	 10.1 13.5 10 9.1	CHE2 PHY CHE1 PHY CHE1	

MSM72	102	145	uCTD	26.03.18	23:29	BE	38° 34,615' N	004° 10,855' E	2624,7	699			
MSM72	103	1	CTD/IADCP	27.03.18	0:08	BE	38° 33,000' N	004° 05,088' E	2534			CHE1	
MSM72	103	1	CTD/IADCP	27.03.18	0:56	BO	38° 33,000' N	004° 05,090' E	2541				
							· · · · · ·	,		25.60	0.0		
MSM72	103	1	CTD/IADCP	27.03.18	1:59	EN	38° 33,000' N	004° 05,092' E	2530	2560	9.2		
MSM72	103	146	uCTD	27.03.18	2:05	BE	38° 33,002' N	004° 04,953' E	2535	779			
MSM72	103	147	uCTD	27.03.18	3:13	BE	38° 31,163' N	003° 54,949' E	2532,5	476			
MSM72	104	1	CTD/IADCP	27.03.18	4:12	BE	38° 29,977' N	003° 47,370' E	2580			PHY	
MSM72	104	1	CTD/IADCP	27.03.18	5:03	BO	38° 29,659' N	003° 46,944' E	2588	2584	13		
										2364	15		
MSM72	104	1	CTD/IADCP	27.03.18	5:53	EN	38° 29,332' N	003° 46,530' E	2590				
MSM72	104	148	uCTD	27.03.18	6:26	BE	38° 28,245' N	003° 40,742' E	2616,5	406			
MSM72	105	1	CTD/IADCP/LISST	27.03.18	7:20	BE	38° 26,971' N	003° 35,209' E	2614			CHE1	
MSM72	105	1	CTD/IADCP/LISST	27.03.18	8:14	BO	38° 26,970' N	003° 35,207' E	2615	2644	10.4		
										2044	10.4		+
MSM72	105	1	CTD/IADCP/LISST	27.03.18	9:28	EN	38° 26,971' N	003° 35,208' E	2615			L	
MSM72	105	149	uCTD	27.03.18	10:39	BE	38° 25,440' N	003° 22,058' E	2691,5	729			
MSM72	106	1	CTD/IADCP	27.03.18	11:55	BE	38° 23,996' N	003° 12,046' E	2704			PHY	
MSM72	106	1	CTD/IADCP	27.03.18	12:48	BO	38° 23,996' N	003° 12,047' E	2704	2737	9.5		
MSM72	106	1	CTD/IADCP	27.03.18	13:47	EN	38° 23,996' N	003° 12,048' E	2704				
			,							747		<u> </u>	
MSM72	106	150	uCTD	27.03.18	13:57	BE	38° 24,015' N	003° 11,749' E	2713,3	747			
MSM72	106	151	uCTD	27.03.18	15:08	BE	38° 21,232' N	003° 02,185' E	2722,9	697			
MSM72	107	1	CTD/IADCP/LISST	27.03.18	16:12	BE	38° 19,495' N	002° 54,034' E	2743			CHE1	
MSM72	107	1	CTD/IADCP/LISST	27.03.18	17:06	BO	38° 19,494' N	002° 54,032' E	2741	2770	13.1		
MSM72	107	1	CTD/IADCP/LISST	27.03.18	18:18	EN				2//0			
							38° 19,494' N	002° 54,032' E	2740,8			<u> </u>	
MSM72	107	152	uCTD	27.03.18	19:14	BE	38° 17,220' N	002° 44,885' E	2725,3	756		L	
MSM72	108	1	CTD/IADCP/LISST	27.03.18	21:23	BE	38° 15,014' N	002° 36,035' E	2734			PHY	
MSM72	108	1	CTD/IADCP/LISST	27.03.18	21:23	BO	38° 15,013' N	002° 36,034' E	2732	2763	9.7		
MSM72	108	1	CTD/IADCP/LISST	27.03.18	22:17	EN	38° 15,013' N	002° 36,034' E	2732				1
										504			+
MSM72	108	153	uCTD	27.03.18	23:13	BE	38° 12,472' N	002° 26,131' E	2733,3	584			+
MSM72	109	1	CTD/IADCP	28.03.18	0:20	BE	38° 10,488' N	002° 18,047' E	2731			CHE1	
MSM72	109	1	CTD/IADCP	28.03.18	1:14	BO	38° 10,402' N	002° 18,012' E	2743	2768	10.1		
MSM72	109	1	CTD/IADCP	28.03.18	2:19	EN	38° 10,398' N	002° 18,014' E	2734				1
	109					BE		002° 17,896' E		654		-	+
MSM72		154	uCTD	28.03.18	2:25		38° 10,314' N		2741,6	654		<b> </b>	
MSM72	109	155	uCTD	28.03.18	3:37	BE	38° 08,051' N	002° 08,035' E	2190,3	761		L	
MSM72	110	1	CTD/IADCP	28.03.18	4:47	BE	38° 06,008' N	002° 00,040' E	1884			PHY	
MSM72	110	1	CTD/IADCP	28.03.18	5:26	BO	38° 06,010' N	002° 00,040' E	1883	1877	12.1		
MSM72	110	1	CTD/IADCP	28.03.18	6:01	EN	38° 06,010' N	002° 00,040' E	1883		-		1
										600			++
MSM72	110	156	uCTD	28.03.18	7:02	BE	38° 03,423' N	001° 50,740' E	1790,9	699			
MSM72	111	1	CTD/IADCP/LISST	28.03.18	8:17	BE	38° 01,025' N	001° 42,028' E	1624			CHE1	
MSM72	111	1	CTD/IADCP/LISST	28.03.18	8:53	BO	38° 01,026' N	001° 42,026' E	1624	1644	10.3		
MSM72	111	1	CTD/IADCP/LISST	28.03.18	9:43	EN	38° 01,026' N	001° 42,026' E	1625				
MSM72	111	157	uCTD	28.03.18	10:38	BE	37° 57,931' N	001° 32,008' E	2356,6	703		<u> </u>	
									-	705			
MSM72	112	1	CTD/IADCP/LISST	28.03.18	11:45	BE	37° 55,510' N	001° 24,051' E	2496			PHY	
MSM72	112	1	CTD/IADCP/LISST	28.03.18	12:32	BO	37° 55,511' N	001° 24,091' E	2495	2523	9.4		
MSM72	112	1	CTD/IADCP/LISST	28.03.18	13:22	EN	37° 55,511' N	001° 24,091' E	2497				
MSM72	112	158	uCTD	28.03.18	13:37	BE	37° 55,435' N	001° 23,924' E	2500,4	728		<u> </u>	
									,			<u> </u>	
MSM72	112	159	uCTD	28.03.18	14:50	BE	37° 52,776' N	001° 13,194' E	2588,1	755			
MSM72	113	1	CTD/IADCP/LISST	28.03.18	15:54	BE	37° 50,514' N	001° 06,054' E	2643			CHE2	
MSM72	113	1	CTD/IADCP/LISST	28.03.18	16:08	BO	37° 50,490' N	001° 06,073' E	2637	506			
MSM72	113	1	CTD/IADCP/LISST	28.03.18	16:30	EN	37° 50,438' N	001° 06,115' E	2639				
MSM72	113	2	CTD/IADCP/LISST	28.03.18	17:31	BE	37° 50,441' N	001° 06,115' E	2637			CHE2	
												CHEZ	
MSM72	113	2	CTD/IADCP/LISST	28.03.18	18:24	BO	37° 50,377' N	001° 06,184' E	2638	2638	9.8		
MSM72	113	2	CTD/IADCP/LISST	28.03.18	19:30	EN	37° 50,377' N	001° 06,184' E	2637				
MSM72	113	160	uCTD	28.03.18	20:25	BE	37° 48,046' N	000° 56,770' E	2750,6	691			
MSM72	114	1	CTD/IADCP	28.03.18	21:36	BE	37° 45,498' N	000° 48,014' E	2716			PHY	
MSM72	114	1	CTD/IADCP	28.03.18	22:29	BO		000° 48,014' E	2764	2740	9		+
										2/40	3		
MSM72	114	1	CTD/IADCP	28.03.18	23:21	EN		000° 48,016' E	2720			L	
MSM72	114	161	uCTD	29.03.18	0:28	BE	37° 39,955' N	000° 38,039' E	2654,4	720			
MSM72	115	1	CTD/IADCP	29.03.18	1:45	BE	37° 35,514' N	000° 30,011' E	2675			CHE1	
MSM72	115	1	CTD/IADCP	29.03.18	2:36	BO		000° 30,010' E	2676	2703	12.5		
MSM72	115	1	CTD/IADCP	29.03.18	3:41	EN		000° 30,008' E	2676			<u> </u>	1 1
										700			
MSM72	115	162	uCTD	29.03.18	3:47	BE		000° 29,941' E		730		L	
MSM72	115	163	uCTD	29.03.18	5:19	BE		000° 17,370' E	2731	777			
MSM72	116	1	CTD/IADCP/LISST	29.03.18	6:07	BE	37° 25,512' N	000° 12,026' E	2731			PHY	
MSM72	116	1	CTD/IADCP/LISST	29.03.18	7:01	BO		000° 12,025' E	2731	2772	9.5		I
MSM72	116	1			7:55			000° 12,025' E	2729		2.2	<u> </u>	1 1
			CTD/IADCP/LISST	29.03.18		EN				70.1			
MSM72	116	164	uCTD	29.03.18	8:44	BE		000° 06,125' E		731			
MSM72	117	1	CTD/IADCP/LISST	29.03.18	9:48	BE	37° 15,989' N	000° 00,035' E	2713			CHE1	
MSM72	117	1	CTD/IADCP/LISST	29.03.18	10:44	BO	37° 15,980' N	000° 00,042' E	2713	2747	9.3		
MSM72	117	1	CTD/IADCP/LISST	29.03.18	11:50	EN		000° 00,042' E	2710				1
MSM72				29.03.18						706		L	++
	117	165	uCTD		12:46	BE		000° 08,498' W				<u> </u>	
MSM72	117	166	uCTD	29.03.18	13:54	BE		000° 16,457' W		692		L	
MSM72	118	1	CTD/IADCP/LISST	29.03.18	15:03	BE	37° 06,029' N	000° 23,957' W	2667			PHY	
MSM72	118	1	CTD/IADCP/LISST	29.03.18	15:55	BO	37° 06,090' N	000° 23,838' W	2670	2655	13.2		
MSM72	118	1	CTD/IADCP/LISST	29.03.18	16:46	EN		000° 23,672' W					1
												L	No data recorded!
MSM72	118	167	uCTD	29.03.18	17:25	BE		000° 23,878' W				<b> </b>	No data recorded!
MSM72	118	167	uCTD	29.03.18	18:50	BE		000° 35,730' W		737			
MSM72	119	1	CTD/IADCP/LISST	29.03.18	19:32	BE	37° 57,017' N	000° 41,970' W	2665			CHE1	
MSM72	119	1	CTD/IADCP/LISST	29.03.18	20:24	BO		000° 41,965' W		2698	9.5		
MSM72	119	1	CTD/IADCP/LISST	29.03.18	1:43	EN		000° 41,966' W		-			1
										735			1
MSM72	119	168	uCTD	29.03.18	22:48	BE		000° 51,568' W	-	735			
MSM72	120	1	CTD/IADCP	30.03.18	0:11	BE		000° 59,948' W				PHY	
MSM72	120	1	CTD/IADCP	30.03.18	1:00	BO	36° 47,996' N	000° 59,962' W	2627	2648	9.6		
MSM72	120	1	CTD/IADCP	30.03.18	1:51	EN	36° 47,995' N	000° 59,963' W	2620				
MSM72	120	169	uCTD	30.03.18	3:13	BE		001° 11,423' W		785			1 1
		103	4010	55.05.10	0.20	55	30 46,641 N		2011,0	.05			

1 401 470	4.0.4		070 // 10 00	00.00.40		0.5			0.407			01154	
MSM72	121	1	CTD/IADCP	30.03.18		BE		001° 17,973' W	2427	2454	12.6	CHE1	
MSM72	121	1	CTD/IADCP	30.03.18	05:16:00	BO	36° 39,019' N	001° 17,976' W	2431	2454	13,6		
MSM72	121	1	CTD/IADCP	30.03.18	06:23	EN		001° 17,975' W	2431				
MSM72	121	170	uCTD	30.03.18	6:30	BE		001° 18,169' W	2437,2	787		D1 11/	
MSM72	122	1	CTD/IADCP/LISST	30.03.18	9:04	BE	36° 30,002' N	001° 35,969' W	1450			PHY	
MSM72	122	1	CTD/IADCP/LISST	30.03.18	9:40	BO			1452	1486	9.6		
MSM72	122	1	CTD/IADCP/LISST	30.03.18	10:12	EN		001° 35,969' W	1456				
MSM72	123	1	CTD/IADCP/LISST	30.03.18	12:30	BE		001° 55,451' W	1391			CHE1	
MSM72	123	1	CTD/IADCP/LISST	30.03.18	12:59	BO		001° 55,448' W	1390	1398	10.5		
MSM72	123	1	CTD/IADCP/LISST	30.03.18	13:47	EN		-	1392				
MSM72	124	1	CTD/IADCP/LISST	30.03.18	15:53	BE		002° 14,388' W	1031			PHY	
MSM72	124	1	CTD/IADCP/LISST	30.03.18	16:17	BO			1021	1031	13.9		
MSM72	124	1	CTD/IADCP/LISST	30.03.18	16:43	EN		002° 14,357' W	1034				
MSM72	125	1	CTD/IADCP/LISST	30.03.18	18:25	BE	36° 23,316' N		1382			CHE1	
MSM72	125	1	CTD/IADCP/LISST	30.03.18	19:51	BO	36° 23,315' N	002° 34,472' W	1382	1380	10		
MSM72	125	1	CTD/IADCP/LISST	30.03.18	20:43	EN	36° 23,317' N	002° 34,464' W	1383				
MSM72	126	1	CTD/IADCP	31.03.18	0:09	BE	36° 20,983' N	002°53,971' W	1063			PHY	
MSM72	126	1	CTD/IADCP	31.03.18	0:33	BO	36° 20,957' N	002°53,969' W	1072	1073	8.9		
MSM72	126	1	CTD/IADCP	31.03.18	0:59	EN	36° 20,918' N	002°53,969' W	1072				
MSM72	127	1	CTD/IADCP	31.03.18	3:49	BE	36° 14,992' N	003°13,444' W	856			PHY	
MSM72	127	1	CTD/IADCP	31.03.18	4:00	BO	36° 14,990' N	003°13,440' W	845	853	12.3		
MSM72	127	1	CTD/IADCP	31.03.18	4:32	EN	36° 14,992' N	003°13,438' W	852				
MSM72	128	1	CTD/IADCP	31.03.18	5:53	BE	36° 05,015' N		1172			CHE1	
MSM72	128	1	CTD/IADCP	31.03.18	6:20	BO	36° 05,015' N	003°13,494' W	1162	1186	10.1		
MSM72	128	1	CTD/IADCP	31.03.18	7:01	EN	36° 05,014' N	003°13,474' W	1167				
MSM72	128	171	uCTD	31.03.18	8:12	BE	36° 05,209' N	003° 25,167' W	729,1	708			
MSM72	128	172	uCTD	31.03.18	9:40	BE	36° 04,382' N	003° 38,523' W	784,6	684			
MSM72	129	1	CTD/IADCP/LISST	31.03.18	11:42	BE	36° 04,952' N	003°52,402' W	1176			CHE1	
MSM72	129	1	CTD/IADCP/LISST	31.03.18	12:09	BO	36° 04,982' N	003°52,427' W	1177	1182	9.8		
MSM72	129	1	CTD/IADCP/LISST	31.03.18	12:46	EN	36° 04,501' N	003°52,440' W	1188				
MSM72	129	173	uCTD	31.03.18	12:55	BE	36° 04,547' N	003° 52,690' W	1190,2	557			
MSM72	129	174	uCTD	31.03.18	14:33	BE	36° 03,175' N	004° 05,996' W	1315,6	546			
MSM72	129	175	uCTD	31.03.18	16:23	BE	36° 01,349' N	004° 20,382' W	1305,8	599			
MSM72	130	1	CTD/IADCP/LISST	31.03.18	17:54	BE	36° 00,000' N	004°30,949' W	1236			CHE2	
		-	,	04.00.40	A7104		30 00,000 14	004 30,345 **	1200				
MSM72	130	1	CTD/IADCP/LISST	31.03.18	18:14	BO	36° 00,020' N	004°30,743' W	1240				
							36° 00,020' N	-					ing UCTD 289 and 183
MSM72	130	1	CTD/IADCP/LISST	31.03.18	18:14	BO	36° 00,020' N	004°30,743' W 004°30,572' W	1240	900			ing UCTD 289 and 183
MSM72 MSM72	130 130	1	CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18	18:14 18:32	BO EN	36° 00,020' N 36° 00,034' N	004°30,743' W 004°30,572' W	1240 1240	900			ing UCTD 289 and 183
MSM72 MSM72 MSM72	130 130 130	1 1 176	CTD/IADCP/LISST CTD/IADCP/LISST uCTD	31.03.18 31.03.18 31.03.18	18:14 18:32 17:54	BO EN BE	36° 00,020' N 36° 00,034' N 36° 00,035' N	004°30,743' W 004°30,572' W 004° 30,556' W	1240 1240 1243,9	900	9.6	for calibrat	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72	130 130 130 130	1 1 176 2	CTD/IADCP/LISST CTD/IADCP/LISST uCTD CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18	18:14 18:32 17:54 18:44	BO EN BE BE	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N	004°30,743' W 004°30,572' W 004° 30,556' W 004°30,556' W	1240 1240 1243,9 1244		9.6	for calibrat	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130 130 130 130 130	1 176 2 2	CTD/IADCP/LISST CTD/IADCP/LISST uCTD CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18	18:14 18:32 17:54 18:44 19:13	BO EN BE BE BO	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,035' N	004°30,743' W 004°30,572' W 004° 30,556' W 004°30,556' W 004°30,208' W 004°29,882' W	1240 1240 1243,9 1244 1244		9.6	for calibrat	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130 130 130 130 130 130	1 176 2 2 2 2	CTD/IADCP/LISST CTD/IADCP/LISST uCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18	18:14 18:32 17:54 18:44 19:13 19:53	BO EN BE BO EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,088' N	004°30,743' W 004°30,572' W 004° 30,556' W 004°30,556' W 004°30,208' W 004°29,882' W	1240 1240 1243,9 1244 1244 1245		9.6	for calibrat CHE2	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130 130 130 130 130 130 131	1 176 2 2 2 1	CTD/IADCP/LISST CTD/IADCP/LISST uCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18	18:14 18:32 17:54 18:44 19:13 19:53 22:45:40	BO EN BE BO EN BE	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,088' N 36° 05,063' N	004*30,743' W 004*30,572' W 004*30,556' W 004*30,556' W 004*30,208' W 004*29,882' W 004*49,927' W	1240 1240 1243,9 1244 1244 1245 926	1237		for calibrat CHE2	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130 130 130 130 130 130 131 131	1 176 2 2 2 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18	18:14 18:32 17:54 18:44 19:13 19:53 22:45:40 23:12	BO EN BE BO EN BE BO	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,088' N 36° 05,063' N 36° 05,358' N	004*30,743' W 004*30,572' W 004* 30,556' W 004*30,556' W 004*30,208' W 004*29,882' W 004*29,882' W 004*49,927' W	1240 1240 1243,9 1244 1244 1245 926 928	1237		for calibrat CHE2	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130 130 130 130 130 130 131 131 131	1 176 2 2 2 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST uCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18	18:14 18:32 17:54 18:44 19:13 19:53 22:45:40 23:12 23:31	BO EN BE BO EN BE BO EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,088' N 36° 05,063' N 36° 05,358' N 36° 05,550' N	004*30,743' W 004*30,572' W 004* 30,556' W 004*30,556' W 004*30,208' W 004*29,882' W 004*29,882' W 004*49,927' W 004*49,927' W	1240 1243,9 1244 1244 1244 1245 926 928 929	1237		for calibrat CHE2 PHY	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130 130 130 130 130 130 131 131 131 131	1 176 2 2 2 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST uCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18	18:14 18:32 17:54 18:44 19:13 19:53 22:45:40 23:12 23:31 2:01	BO EN BE BO EN BE BO EN BE	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,088' N 36° 05,063' N 36° 05,358' N 36° 05,358' N 35° 58,028' N	004*30,743' W 004*30,572' W 004*30,556' W 004*30,556' W 004*30,208' W 004*29,882' W 004*49,927' W 004*49,661' W 004*49,661' W 004*49,60' W	1240 1243,9 1244 1244 1245 926 928 929 517	923	18	for calibrat CHE2 PHY	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130 130 130 130 130 130 131 131 131 132 132	1 176 2 2 2 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST uCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18	18:14 18:32 17:54 18:44 19:13 19:53 22:45:40 23:12 23:31 2:01 2:18	BO EN BE BO EN BE BO EN BE BO	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,062' N 36° 00,068' N 36° 05,063' N 36° 05,358' N 36° 05,550' N 35° 58,028' N 35° 58,132' N	004"30,743' W 004"30,572' W 004"30,556' W 004"30,556' W 004"30,208' W 004"29,882' W 004"49,927' W 004"49,64' W 004"49,490' W 005"07,440' W 005"07,481' W	1240 1243,9 1244 1244 1244 1245 926 928 929 517 516	923	18	for calibrat CHE2 PHY	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130 130 130 130 130 131 131 131 131 132 132 132	1 176 2 2 2 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 18:44 19:13 19:53 22:45:40 23:12 23:31 2:01 2:18 2:39	BO EN BE BO EN BE BO EN BE BO EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,063' N 36° 05,550' N 36° 05,550' N 35° 58,028' N 35° 58,132' N	004*30,743' W 004*30,572' W 004*30,556' W 004*30,268' W 004*30,208' W 004*29,882' W 004*29,882' W 004*49,927' W 004*49,490' W 005*07,440' W 005*07,181' W 005*06,828' W	1240 1243,9 1244 1244 1244 1245 926 928 929 517 516 518	923	18	for calibrat CHE2 PHY CHE1	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130 130 130 130 130 130 131 131 131 132 132 132 132 133	1 176 2 2 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 18:44 19:13 19:53 22:45:40 23:12 23:12 23:31 2:01 2:18 2:39 5:35	BO EN BE BO EN BE BO EN BE BO EN BE	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,063' N 36° 05,063' N 36° 05,550' N 36° 05,550' N 35° 58,028' N 35° 58,132' N 35° 58,273' N 35° 59,104' N	004*30,743' W 004*30,556' W 004*30,556' W 004*30,268' W 004*30,208' W 004*29,882' W 004*29,882' W 004*49,927' W 004*49,661' W 004*49,490' W 005*07,181' W 005*07,181' W 005*06,828' W	1240 1243,9 1244 1244 1244 1245 926 928 929 517 516 518 921	923	18	for calibrat CHE2 PHY CHE1	ing UCTD 289 and 183
MSM72	130           130           130           130           130           131           131           131           132           132           133           133           133	1 176 2 2 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 18:44 19:13 19:53 22:45:40 23:31 2:01 2:18 2:39 5:35 5:58	BO EN BE BO EN BC BO EN BE BO EN BE BO EN BE BO	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,053' N 36° 05,550' N 36° 05,550' N 35° 58,028' N 35° 58,028' N 35° 58,132' N 35° 58,273' N 35° 59,274' N	004"30,743' W 004"30,556' W 004"30,556' W 004"30,556' W 004"30,208' W 004"29,882' W 004"29,882' W 004"49,927' W 004"49,661' W 004"49,490' W 005"07,440' W 005"07,440' W 005"07,181' W 005"06,828' W 005"25,478' W	1240 1243,9 1244,9 1244 1244 1245 926 928 929 517 516 518 921 933	923	18	for calibrat CHE2 PHY CHE1	ing UCTD 289 and 183
MSM72	130 130 130 130 130 131 131 131 132 132 132 133 133 133	1 176 2 2 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 18:44 19:13 19:53 22:45:40 23:12 23:31 2:01 2:18 2:39 5:35 5:58 6:18	BO           EN           BE           BO           EN           BE           BO           EN           BO           EN           BO           EN           BO           BO           EN           BO           EN           BE           BO           EN           BE           BO	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,088' N 36° 05,063' N 36° 05,358' N 36° 05,358' N 36° 05,550' N 35° 58,132' N 35° 58,132' N 35° 58,132' N 35° 59,104' N 35° 59,274' N	004*30,743' W 004*30,572' W 004*30,556' W 004*30,556' W 004*30,208' W 004*29,882' W 004*29,882' W 004*49,927' W 004*49,927' W 004*49,490' W 005*07,181' W 005*07,181' W 005*06,828' W 005*24,865' W 005*24,398' W	1240 1243,9 1244,9 1244 1244 1245 926 928 929 929 517 516 518 921 933 942	923	18	for calibrat CHE2 PHY CHE1 PHY	ing UCTD 289 and 183
MSM72	130           130           130           130           130           131           131           131           132           132           133           133           133           133	1 176 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 19:13 19:53 22:45:40 23:12 23:12 2:01 2:18 2:39 5:55 5:58 6:18 11:12	BO           EN           BE           BO           EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,035' N 36° 00,062' N 36° 00,088' N 36° 05,063' N 36° 05,358' N 36° 05,358' N 36° 05,550' N 35° 58,028' N 35° 58,273' N 35° 58,273' N 35° 59,104' N 35° 59,274' N 35° 59,278' N	004"30,743' W 004"30,556' W 004"30,556' W 004"30,556' W 004"30,556' W 004"29,882' W 004"49,927' W 004"49,64' W 004"49,490' W 005"07,440' W 005"07,440' W 005"07,440' W 005"06,828' W 005"25,478' W 005"24,865' W 005"24,898' W	1240 1243,9 1244,9 1244 1244 1245 926 928 929 929 517 516 518 921 933 942 356	923	18 12.3 14.9	for calibrat CHE2 PHY CHE1 PHY	ing UCTD 289 and 183
MSM72	130           130           130           130           130           131           131           131           132           132           133           133           133           133           133           133           133           133	1 176 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 19:13 19:53 22:45:40 23:12 23:31 2:18 2:39 5:35 5:58 6:18 11:12 11:24	BO           EN           BE           BO	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,063' N 36° 05,053' N 36° 05,550' N 36° 05,550' N 35° 58,028' N 35° 58,132' N 35° 59,104' N 35° 59,274' N 35° 59,388' N 35° 59,368' N 35° 58,656' N 35° 58,656' N	004"30,743' W 004"30,556' W 004"30,556' W 004"30,556' W 004"30,208' W 004"29,882' W 004"49,927' W 004"49,631' W 005"07,440' W 005"07,440' W 005"07,440' W 005"07,181' W 005"06,828' W 005"24,86' W 005"24,398' W 005"40,134' W	1240 1243,9 1244 1244 926 928 929 517 516 518 921 933 942 356 347	923	18 12.3 14.9	for calibrat CHE2 PHY CHE1 PHY	ing UCTD 289 and 183
MSM72	130           130           130           130           130           131           131           131           132           132           133           133           133           133           133           133           133           133           133           133           133           133	1 176 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 19:13 19:53 22:45:40 23:12 23:31 2:18 2:39 5:35 5:58 6:18 11:12 11:24 11:40	BO           EN           BE           BO           EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,053' N 36° 05,053' N 36° 05,550' N 36° 05,550' N 35° 58,028' N 35° 58,273' N 35° 59,104' N 35° 59,274' N 35° 59,388' N 35° 58,608' N 35° 58,668' N 35° 58,656' N 35° 56,017' N	004*30,743' W 004*30,556' W 004*30,556' W 004*30,268' W 004*30,208' W 004*29,882' W 004*29,882' W 004*49,927' W 004*49,490' W 005*07,440' W 005*07,481' W 005*06,828' W 005*24,365' W 005*24,365' W 005*24,033' W 005*40,134' W	1240 1243,9 1244 1244 1244 926 928 929 517 516 518 921 933 942 356 347 316	923	18 12.3 14.9	for calibrat CHE2 PHY CHE1 PHY CHE1	ing UCTD 289 and 183
MSM72	130           130           130           130           130           131           131           132           132           133           133           133           133           133           133           133           133           133           133           133           133           133           133           134           134           135	1 176 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 19:13 19:53 22:45:40 23:12 23:31 2:01 2:18 2:39 5:35 5:58 6:18 11:12 11:24 11:24 11:40 12:23	BO           EN           BE           BO           EN           BE           BO           EN           BE           BO           EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 00,068' N 36° 05,053' N 36° 05,550' N 36° 05,550' N 36° 05,550' N 36° 05,550' N 35° 58,028' N 35° 58,132' N 35° 58,273' N 35° 59,104' N 35° 59,274' N 35° 59,388' N 35° 58,668' N 35° 58,661' N 35° 56,017' N 35° 56,017' N	004*30,743' W 004*30,556' W 004*30,556' W 004*30,556' W 004*30,208' W 004*29,882' W 004*49,927' W 004*49,661' W 004*49,490' W 005*07,481' W 005*07,481' W 005*07,485' W 005*24,865' W 005*24,398' W 005*24,398' W 005*40,033' W 005*40,400' W 005*40,400' W	1240 1243,9 1244 1244 1245 926 928 929 517 516 518 921 933 942 356 347 316 588	1237 923 507 348	18 12.3 14.9 10	for calibrat CHE2 PHY CHE1 PHY CHE1	ing UCTD 289 and 183
MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72 MSM72	130           130           130           130           131           131           132           132           133           133           133           133           133           133           133           133           133           134           135           135	1 176 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14           18:32           17:54           18:44           19:13           19:53           22:45:40           23:12           23:31           2:01           2:39           5:35           5:58           6:18           11:12           11:24           11:40           12:23           12:39	BO           EN           BE           BO           EN           BE           BO           EN           BE           BO           EN           BO           EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,062' N 36° 00,062' N 36° 05,053' N 36° 05,550' N 35° 58,028' N 35° 58,028' N 35° 58,028' N 35° 59,274' N 35° 59,388' N 35° 58,608' N 35° 58,608' N 35° 58,608' N 35° 58,604' N 35° 56,046' N 35° 56,046' N	004*30,743' W 004*30,556' W 004*30,556' W 004*30,556' W 004*30,208' W 004*29,882' W 004*49,927' W 004*49,490' W 005*07,440' W 005*07,440' W 005*06,828' W 005*06,828' W 005*24,398' W 005*24,398' W 005*24,398' W 005*40,033' W 005*40,034' W 005*40,026' W	1240 1243,9 1244 1244 1245 926 928 929 517 516 518 921 933 942 356 347 316 588	1237 923 507 348	18 12.3 14.9 10	for calibrat CHE2 PHY CHE1 PHY CHE1	ing UCTD 289 and 183
MSM72	130           130           130           130           130           131           131           131           132           132           133           133           133           133           133           133           133           133           133           133           133           133           134           135           135	1 176 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 19:13 19:53 22:45:40 23:12 2:01 2:18 2:39 5:35 5:58 6:18 11:12 11:24 11:24 11:20 12:239 13:01	BO           EN           BE           BO           EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,062' N 36° 00,068' N 36° 05,053' N 36° 05,550' N 35° 58,028' N 35° 58,132' N 35° 59,104' N 35° 59,104' N 35° 59,274' N 35° 59,274' N 35° 59,388' N 35° 58,608' N 35° 58,608' N 35° 58,605' N 35° 56,046' N 35° 56,052' N 35° 53,222' N	004"30,743' W 004"30,556' W 004"30,556' W 004"30,556' W 004"30,208' W 004"29,882' W 004"49,927' W 004"49,621' W 005"07,440' W 005"07,440' W 005"07,440' W 005"07,440' W 005"24,868' W 005"24,868' W 005"24,868' W 005"40,033' W 005"40,134' W 005"40,206' W 005"40,207' W 005"40,999' W	1240 1243,9 1244 1244 1245 926 928 929 929 517 516 518 921 933 942 356 347 316 588 562 536	1237 923 507 348	18 12.3 14.9 10	for calibrat CHE2 PHY CHE1 CHE1 CHE1	ing UCTD 289 and 183
MSM72 MSM72	130           130           130           130           130           131           131           132           132           133           133           133           133           133           133           133           133           133           133           133           133           133           133           133           134           135           135           136	1 1 176 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18	18:14 18:32 17:54 19:13 19:53 22:45:40 23:12 23:31 2:18 2:39 5:35 5:58 6:18 11:12 11:24 11:40 12:23 12:39 13:48 14:00	BO           EN           BE           BO           EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,053' N 36° 05,558' N 36° 05,558' N 36° 05,558' N 35° 58,028' N 35° 58,132' N 35° 59,104' N 35° 59,104' N 35° 59,388' N 35° 58,656' N 35° 58,656' N 35° 56,052' N 35° 53,223' N	004*30,743' W 004*30,556' W 004*30,556' W 004*30,268' W 004*30,208' W 004*29,882' W 004*29,882' W 004*49,490' W 005*07,440' W 005*07,440' W 005*06,828' W 005*24,365' W 005*24,365' W 005*24,383' W 005*24,383' W 005*40,033' W 005*40,034' W 005*40,26' W 005*40,26' W 005*40,299' W 005*39,690' W	1240 1243,9 1244 1244 1245 926 928 929 517 516 518 921 933 942 356 347 316 588 562 536 330	1237 923 507 348 564	18 12.3 14.9 10 7.9	for calibrat CHE2 PHY CHE1 CHE1 CHE1	ing UCTD 289 and 183
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MSM72 MSM72	130           130           130           130           131           131           131           131           132           132           133           133           133           133           133           133           134           135           135           136           136           136           136           136	1 176 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18	18:14 18:32 17:54 19:13 19:53 22:45:40 23:12 23:31 2:18 2:39 5:35 5:58 6:18 11:12 11:24 11:40 12:23 12:39 13:48 14:00	BO           EN           BE           BO           EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,053' N 36° 05,558' N 36° 05,558' N 36° 05,558' N 35° 58,028' N 35° 58,132' N 35° 59,104' N 35° 59,104' N 35° 59,388' N 35° 58,656' N 35° 58,656' N 35° 56,052' N 35° 53,223' N	004*30,743' W 004*30,556' W 004*30,556' W 004*30,268' W 004*30,208' W 004*29,882' W 004*29,882' W 004*49,490' W 005*07,440' W 005*07,440' W 005*06,828' W 005*24,365' W 005*24,365' W 005*24,383' W 005*24,383' W 005*40,033' W 005*40,034' W 005*40,26' W 005*40,26' W 005*40,299' W 005*39,690' W	1240 1243,9 1244 1245 926 928 929 517 516 518 921 933 942 933 942 356 347 316 588 545 536 347 316 588 542 536 330 336	1237 923 507 348 564	18 12.3 14.9 10 7.9	for calibrat CHE2 PHY CHE1 CHE1 CHE1	ing UCTD 289 and 183
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MSM72	130           130           130           130           130           131           131           131           132           133           133           133           133           133           134           134           135           136           136           136           36           Sottom,, al samp	1 176 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LIS	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18	18:14 18:32 17:54 19:13 19:53 22:45:40 23:12 2:31 2:01 2:18 2:39 5:35 5:58 6:18 6:18 11:12 11:24 11:40 12:23 12:23 13:01 13:48 14:00 14:16 	BO           EN           BE           BO           EN           BO           EN           BO           EN           BO           EN	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,062' N 36° 00,068' N 36° 05,053' N 36° 05,550' N 35° 58,028' N 35° 58,132' N 35° 59,104' N 35° 59,104' N 35° 59,274' N 35° 59,388' N 35° 58,608' N 35° 58,608' N 35° 58,605' N 35° 58,045' N 35° 56,017' N 35° 56,052' N 35° 53,223' N 35° 53,233' N	004"30,743' W 004"30,556' W 004"30,556' W 004"30,556' W 004"30,208' W 004"29,882' W 004"49,927' W 004"49,490' W 005"07,440' W 005"07,440' W 005"07,440' W 005"07,440' W 005"24,868' W 005"24,868' W 005"24,868' W 005"40,033' W 005"40,026' W 005"40,270' W 005"39,690' W 005"39,754' W	1240 1243,9 1244 1245 926 928 929 517 516 518 921 933 942 933 942 356 347 316 588 545 536 347 316 588 542 536 330 336	1237 923 507 348 564	18 12.3 14.9 10 7.9	for calibrat CHE2 PHY CHE1 CHE1 CHE1	ing UCTD 289 and 183
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MSM72           MSM72 </td <td>130 130 130 130 131 131 131 131 132 132 132 133 133 133</td> <td>1 176 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LIS</td> <td>31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18</td> <td>18:14 18:32 17:54 18:43 19:13 19:53 22:45:40 23:12 23:31 2:18 2:39 5:35 5:58 6:18 11:12 11:24 11:40 12:23 12:23 12:301 13:48 14:00 14:16 itrite, Total</td> <td>BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN SE BO EN SE SO EN SE SO EN SE SO EN SE SO SO SO SO SO SO SO SO SO SO SO SO SO</td> <td>36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,063' N 36° 05,358' N 36° 05,550' N 35° 58,028' N 35° 58,132' N 35° 59,104' N 35° 59,104' N 35° 59,104' N 35° 59,388' N 35° 58,608' N 35° 58,656' N 35° 58,656' N 35° 56,052' N 35° 53,223' N 35° 53,233' N 35° 53,233' N 35° 53,233' N</td> <td>004"30,743' W 004"30,556' W 004"30,556' W 004"30,556' W 004"30,208' W 004"29,882' W 004"49,927' W 004"49,490' W 005"07,440' W 005"07,440' W 005"07,440' W 005"06,828' W 005"24,865' W 005"24,865' W 005"40,033' W 005"40,033' W 005"40,26' W 005"40,26' W 005"39,690' W 005"39,755' W</td> <td>1240 1243,9 1244 1245 926 928 929 517 516 518 921 933 942 933 942 356 347 316 588 545 536 347 316 588 542 536 330 336</td> <td>1237 923 507 348 564</td> <td>18 12.3 14.9 10 7.9</td> <td>for calibrat CHE2 PHY CHE1 CHE1 CHE1</td> <td>ing UCTD 289 and 183</td>	130 130 130 130 131 131 131 131 132 132 132 133 133 133	1 176 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LIS	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 18:43 19:13 19:53 22:45:40 23:12 23:31 2:18 2:39 5:35 5:58 6:18 11:12 11:24 11:40 12:23 12:23 12:301 13:48 14:00 14:16 itrite, Total	BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN SE BO EN SE SO EN SE SO EN SE SO EN SE SO SO SO SO SO SO SO SO SO SO SO SO SO	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,063' N 36° 05,358' N 36° 05,550' N 35° 58,028' N 35° 58,132' N 35° 59,104' N 35° 59,104' N 35° 59,104' N 35° 59,388' N 35° 58,608' N 35° 58,656' N 35° 58,656' N 35° 56,052' N 35° 53,223' N 35° 53,233' N 35° 53,233' N 35° 53,233' N	004"30,743' W 004"30,556' W 004"30,556' W 004"30,556' W 004"30,208' W 004"29,882' W 004"49,927' W 004"49,490' W 005"07,440' W 005"07,440' W 005"07,440' W 005"06,828' W 005"24,865' W 005"24,865' W 005"40,033' W 005"40,033' W 005"40,26' W 005"40,26' W 005"39,690' W 005"39,755' W	1240 1243,9 1244 1245 926 928 929 517 516 518 921 933 942 933 942 356 347 316 588 545 536 347 316 588 542 536 330 336	1237 923 507 348 564	18 12.3 14.9 10 7.9	for calibrat CHE2 PHY CHE1 CHE1 CHE1	ing UCTD 289 and 183
MSM72 CMSM72 MSM72	130           130           130           130           131           131           131           131           132           133           133           133           133           133           133           133           134           134           135           136           136           360ttom,, al samplirissolved	1 176 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LIS	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 18:43 19:13 19:53 22:45:40 23:12 23:31 2:18 2:39 5:35 5:58 6:18 11:12 11:24 11:40 12:23 12:23 12:301 13:48 14:00 14:16 itrite, Total	BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN SE BO EN SE SO EN SE SO EN SE SO EN SE SO SO SO SO SO SO SO SO SO SO SO SO SO	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,063' N 36° 05,358' N 36° 05,550' N 35° 58,028' N 35° 58,132' N 35° 59,104' N 35° 59,104' N 35° 59,104' N 35° 59,388' N 35° 58,608' N 35° 58,656' N 35° 58,656' N 35° 56,052' N 35° 53,223' N 35° 53,233' N 35° 53,233' N 35° 53,233' N	004"30,743' W 004"30,556' W 004"30,556' W 004"30,556' W 004"30,208' W 004"29,882' W 004"49,927' W 004"49,490' W 005"07,440' W 005"07,440' W 005"07,440' W 005"06,828' W 005"24,865' W 005"24,865' W 005"40,033' W 005"40,033' W 005"40,26' W 005"40,26' W 005"39,690' W 005"39,755' W	1240 1243,9 1244 1245 926 928 929 517 516 518 921 933 942 933 942 356 347 316 588 545 536 347 316 588 542 536 330 336	1237 923 507 348 564	18 12.3 14.9 10 7.9	for calibrat CHE2 PHY CHE1 CHE1 CHE1	ing UCTD 289 and 183
MSM72 MSM72	130           130           130           130           131           131           131           131           132           133           133           133           133           133           133           133           134           134           135           136           136           360ttom,, al samplirissolved	1 176 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	CTD/IADCP/LISST CTD/IADCP/LISST UCTD CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP/LISST CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP CTD/IADCP/LISST CTD/IADCP/LIS	31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 31.03.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18 01.04.18	18:14 18:32 17:54 18:43 19:13 19:53 22:45:40 23:12 23:31 2:18 2:39 5:35 5:58 6:18 11:12 11:24 11:40 12:23 12:23 12:301 13:48 14:00 14:16 itrite, Total	BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN BE BO EN SE BO EN SE SO EN SE SO EN SE SO EN SE SO SO SO SO SO SO SO SO SO SO SO SO SO	36° 00,020' N 36° 00,034' N 36° 00,035' N 36° 00,062' N 36° 00,068' N 36° 05,063' N 36° 05,358' N 36° 05,550' N 35° 58,028' N 35° 58,132' N 35° 59,104' N 35° 59,104' N 35° 59,104' N 35° 59,388' N 35° 58,608' N 35° 58,656' N 35° 58,656' N 35° 56,052' N 35° 53,223' N 35° 53,233' N 35° 53,233' N 35° 53,233' N	004"30,743' W 004"30,556' W 004"30,556' W 004"30,556' W 004"30,208' W 004"29,882' W 004"49,927' W 004"49,490' W 005"07,440' W 005"07,440' W 005"07,440' W 005"06,828' W 005"24,865' W 005"24,865' W 005"40,033' W 005"40,033' W 005"40,26' W 005"40,26' W 005"39,690' W 005"39,755' W	1240 1243,9 1244 1245 926 928 929 517 516 518 921 933 942 933 942 356 347 316 588 545 536 347 316 588 542 536 330 336	1237 923 507 348 564	18 12.3 14.9 10 7.9	for calibrat CHE2 PHY CHE1 CHE1 CHE1	ing UCTD 289 and 183