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Short Cruise Report
RV Maria S. Merian MSM09/3

St. John's – Pt. Delgada
18 Sept – 29 Oct 2008
Chief Scientist: Dr. Karsten Gohl
Captain: Karl-Friedhelm von Staa

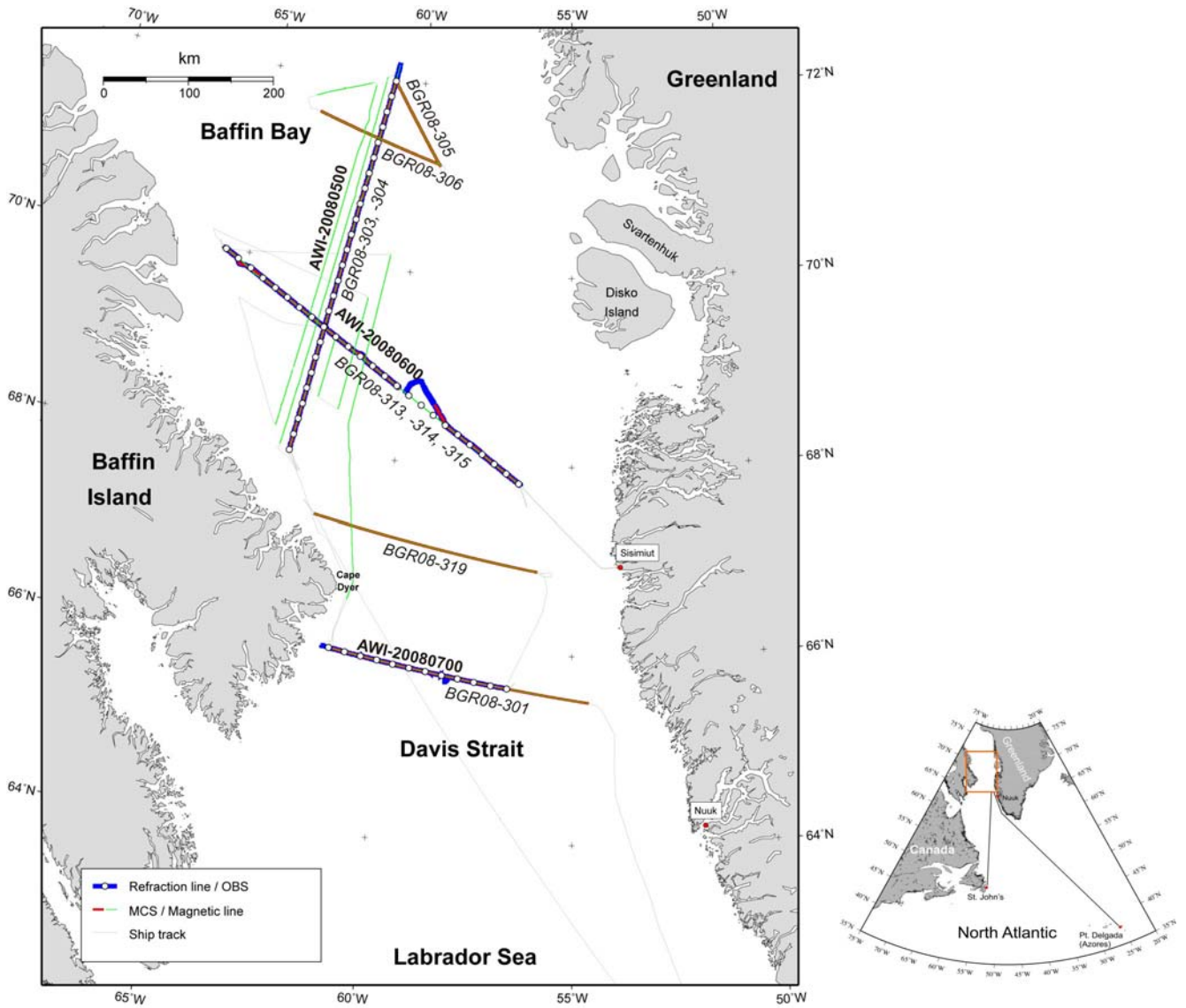


Abb. 1: Übersichtskarte der Fahrtroute und der geophysikalischen Messprofile im Messgebiet von MSM09/3. Die weißen Punkte markieren die OBS-Stationen entlang der refraktionsseismischen Profile.

Objectives

The Canadian Archipelago and the oceanic gateway to the Atlantic across the Baffin Bay, Davis Strait and Labrador Sea play an important role in the shallow water exchange between the Arctic Ocean and the North Atlantic. It is estimated that approximately 1-3 Sv ($10^6 \text{ m}^3\text{s}^{-1}$) of ocean water flows presently southward which is about the same amount as the northward current flow in the Barents Sea. The plate-kinematic evolution as well as the magmatic history are still sparsely known and require a careful investigation in order to construct a set of gridded detailed paleo-topographic maps for a complete reconstruction of this Arctic-Atlantic gateway. A component of the International Polar Year (IPY 2007/08) Lead Project *Plate Tectonics and Polar Gateways in the Earth System* (PLATES & GATES), this project DAVIS GATE is aimed to develop a tectonic and sedimentary reconstruction of the opening process of this oceanic gateway.

One of the central questions addresses the origin of the volcanics from a suggested mantle plume in the Baffin Bay area which acted as a precursor of a plume that migrated underneath Greenland to the present Iceland hotspot. What is the age and the intensity of the magmatic phases in the Baffin Bay and Davis Strait? Of further importance for the paleo-topographic development is the knowledge about the extension and subsidence of the continental crust in the Davis Strait and the evolution of oceanic crust in the Labrador Sea and Baffin Bay. A detailed geophysical investigation can provide the required deep crustal data on geometrical and physical properties for a realistic geodynamic model which will improve our conception of the break-up and ocean basin evolution between Greenland and Canada.

The important questions include:

- How and in what times have the crustal structures and sedimentary processes evolved under the relatively shallow Davis Strait? When did extensional and subsidence processes start and for how long have they been active? When and during which episodes has a deep and shallow water exchange between Baffin Bay and Labrador Sea been possible?
- Is the crust of Baffin Bay of pure oceanic origin or did extension occur amagmatically with intensive serpentinization of mantle-derived material? Can a previously from gravity data derived spreading axis in Baffin Bay be verified and imaged? How did the apparently asymmetrically structured continental margins develop?
- How can ages of magmatic phases be estimated? How can their extrusive and intrusive volumes and possible magmatic underplating in the northern Davis Strait and along the conjugated continental margins of Baffin Bay be quantified?
- Can the reconstruction of the sedimentary depositional and transport processes in the Davis Strait and Baffin Bay reveal paleo-current conditions?
- The construction of a spatially and temporally highly resolved plate-kinematic and paleo-topographic model of the region will be tested with models from paleoceanographic and paleo-climatic proxies.

Cruise Itinerary

date	program & events	weather
15.09.	St. John's: RV <i>Merian</i> arrives; beginning container and winch loading;	fine
16.09.	St. John's: equipment unpacking and installation (major installation job of rented compressor containers); visit to Geophysics Group of Mem. University (Prof. Charles Hurich); gravity reference reading at outside location on campus;	fine and sunny; strong winds; later colder and cloudy
17.09.	St. John's: arrival of participants on board; cont. equipment unpacking and installation;	cloudy
18.09.	St. John's: cont. equipment unpacking and installation; gravity reference reading at inside location of Memorial University;	cloudy
19.09.	departure from St. John's (Canada) ; cont. equipment unpacking and installation; report of sealing problem with starboard POD;	fine; later heavy winds and swell
20.09.	cont. equipment unpacking and installation; start continues recording of multibeam EM-120;	fine; light swell, later increasing
21.09.	station: releaser test in 2 steelboxes (successful for 25 of 27 releasers; use of cable transmitter and Spargel); changing course due to high swell/waves and faulty pods (sb POD has to be held fixed in forward position, port POD stops occasionally when coming out of water; best course was NW with sea from behind);	stormy conditions, high swell
22.09.	back to northward course; cont. equipment preparation; complete OBS assembly for demonstration;	sea becomes calmer
23.09.	deployment of streamer, airguns, magnetometer; start refl profile 08-301;	fine
24.09.	cont. refl profile 08-301; diesel generator for compressor failed repeatedly;	calm seas; partly cloudy
25.09.	end refl profile 08-301; recovery of seismic gear and magnetometer; transit to profile 20080500; (problem with POD control); start deploying OBS for profile 20080500 (25 OBS);	cloudy and increasing winds, later stormy
26.09.	end deploying OBS; no shot profile due to weather; start magnetic profile 08-302;	stormy
27.09.	preparation Bolt guns; end magnetic profile 08-302; deployment streamer, Bolt guns, airgun, magnetometer;	calm seas; increasing winds in afternoon
28.09.	testing airguns; start refr/refl + mag profile 20080500/08-303; problems with Bolt airguns; magnetometer tangled in streamer; shutdown and interruption of profile operation; restart refr + mag profile 20080500 (no streamer);	medium winds and waves
29.09.	cont. refr + mag profile 20080500;	fine; low swell
30.09.	end refr + mag profile 20080500; start collecting OBS of profile 20080500; problems with OBS flashers and beacons;	mostly fine; some snow showers
01.10.	cont. collecting OBS of profile 20080500; problems with OBS flashers and beacons;	fine
02.10.	end collecting OBS of profile 20080500; start refl profile 08-304;	fine
03.10.	cont. refl profile 08-304; repairing and servicing of OBS flashers & beacons;	partly sunny; increasing winds
04.10.	end refl profile 08-304; start refl profile 08-305; end refl profile 08-305; start refl profile 08-306;	cloudy; low to medium winds
05.10.	end refl profile 08-306; start mag profile 08-307; end mag profile 08-307; start mag profile 08-308;	partly cloudy; low to medium winds
06.10.	end mag profile 08-308; transit to begin of profile 20080600 slow due to stormy conditions and high swell;	strong winds and swell; stormy later
07.10.	storm slowed down ship, therefore decision to move eastward toward the center of profile 20080600; station: sound profile and releaser & beacon/flasher test; start of magnetic profile 08-309;	stormy; winds slowed down later; less swell from midday
08.10.	end of magnetic profile 08-309; transit to Sisimiut; port-call Sisimiut (Greenland) ; bunkering diesel fuel; gravity reference measurement;	fine, medium winds; fine and no winds
09.10.	Schottel technician arrives to service pod problems; preparation of OBS systems; Schottel technician departs; departing Sisimiut ; transit to profile 20080600;	fine, no winds
10.10.	start OBS deployment profile 20080600 (25 OBS); communication with fishing vessel about possible profiling conflict;	cloudy; low to medium winds

11.10.	end OBS deployment profile 20080600; seismic profiling impossible due to weather; start magnetic profiles 08-310, 08-311 and 08-312;	stormy
12.10.	end magnetic surveying; transit to NW start of profile 20080600; start shooting OBS profile 20080600 with streamer;	calm seas; some swell
13.10.	cont. profiling along profile 20080600; problems with Bolt guns; Bolt gun repair and exchange;	winds increasing
14.10.	cont. profiling along profile 20080600; streamer recovery and detour due to fishing activity; redeployment of streamer;	medium waves/swell; later fine
15.10.	end of OBS profile 20080600; testing Bolts guns with other trigger unit (higher voltage); start collecting OBS along profile 20080600;	medium waves/swell;
16.10.	cont. collecting OBS; end collecting OBS along profile 20080600; transit to magnetic profile; start magnetic profiles 08-316/317;	low waves/swell; fine
17.10.	cont. magnetic profiles 08-316/317; end magnetic profiles 08-316/317; short transit to profile 20080700; start OBS deployment of profile 20080700 (12 OBS);	low to medium swell/waves
18.10.	end OBS deployment of profile 20080700; start shooting OBS profile 20080700; problem with umbilical and floater entangling between SB Bolt and G-Gun array;	medium swell/waves, increasing winds
19.10.	end shooting OBS profile 20080700; start collecting OBS along profile 20080700;	low/medium swell/waves
20.10.	end collecting OBS along profile 20080700; transit to seismic reflection profile; leakage problem of streamer system; testing and replacement of units; OBS equipment deinstallation and packing; start refl profile 08-319;	low/medium swell/waves
21.10.	cont. refl profile 08-319; OBS equipment deinstallation and packing; end refl profile 08-319; start transit to Ponta Delgada (Azores);	medium swell/waves; wind increasing
22.10.	cont. transit to Ponta Delgada; magnetometer calibration loop; equipment deinstallation and packing; cont. data processing;	medium swell/waves
23.10.	cont. transit to Ponta Delgada; equipment deinstallation and packing; cont. data processing;	medium winds
24.10.	cont. transit to Ponta Delgada; equipment deinstallation and packing; cont. data processing;	medium winds
25.10.	cont. transit to Ponta Delgada; equipment deinstallation and packing; cont. data processing;	medium winds
26.10.	cont. transit to Ponta Delgada;	low winds
27.10.	cont. transit to Ponta Delgada;	low winds
28.10.	cont. transit to Ponta Delgada; arrival in Ponta Delgada (Azores)	medium winds
29.10.	participants depart ship	

Cruise Participants

1. Karsten Gohl	Chief Scientist	AWI
2. Hans-Otto Bargaeh	Gravity, Magnetics	BGR
3. Thomas Behrens	Multichannel Seismics	BGR
4. Volkmar Damm	Multichannel Seismics	BGR
5. Ümit Demir	Multichannel Seismics	BGR
6. Markus Fink	OBS Refraction Seismics	GEOMAR
7. Thomas Funck	OBS Refraction Seismics	GEUS
8. Joanna Gerlings	OBS Refraction Seismics	DAL
9. Richard Griffin	Seismic Compressors	EEL
10. Ingo Heyde	Gravity, Magnetics	BGR
11. Günther Kallaus	Multichannel Seismics	BGR
12. Helene Kraft	OBS Refraction Seismics	GEOMAR
13. Iain Miller	Seismic Compressors	EEL
14. Dirk Pitschmann	Multichannel Seismics	BGR
15. Marcel Ruhnau	OBS Refr. Seis., Parasound	AWI
16. Antje Schlömer	OBS Refraction Seismics	AWI
17. Uwe Schrader	Multichannel Seismics	BGR
18. Bernd Schreckenberger	Magnetics, Gravity	BGR
19. Arne Schwenk	OBS Refraction Seismics	KUM
21. Jennifer Sobiech	OBS Refraction Seismics	AWI

Participating Institutions

AWI	Alfred-Wegener-Institut für Polar- und Meeresforschung in der Helmholtz-Gemeinschaft, Am Alten Hafen 26, D-27568 Bremerhaven, Germany (www.awi.de)
BGR	Bundesanstalt für Geowissenschaften und Rohstoffe (BGR), Stilleweg 2, D-30655 Hannover, Germany (www.bgr.bund.de)
GEUS	Geological Survey of Denmark and Greenland (GEUS), Øster Voldgade 10, DK-1350 Copenhagen K, Denmark (www.geus.dk)
DAL	Dalhousie University, Dept. of Earth Sciences, Halifax NS, B3H 4J1, Canada (www.dal.ca)
GEOMAR	Leibnitz-Institut für Meereswissenschaften (IfM-GEOMAR), Wischhofstr. 1-3, D-24148 Kiel, Germany (www.ifm-geomar.de)
KUM	Umwelt- und Meerestechnik Kiel GmbH, Wischhofstr. 1-3, Geb. D5, D-24148 Kiel, Germany (www.kum-kiel.de)
EEL	Exploration Electronics Ltd. / Airbridge Ltd. Yarmouth Business Park, Suffolk Road, Great Yarmouth, Norfolk NR31 0ER, United Kingdom (www.exploration-electronics.co.uk)

Ship's Crew

1. Karl Friedhelm von Staa	Master
2. Ralf Schmidt	Chief Mate
3. Holm Behnisch	1st Mate
4. Yves-Michael Soßna	2st Mate
5. Gabriele Wolters	Ship's Doctor
6. Thomas Ogradnik	Chief Engineer
7. Benjamin Rogers	2nd Engineer
8. Olaf Lorenzen	3nd Engineer
9. Gerd Neitzel	Electrician
10. Frank Riedel	Electronic Engineer
11. Hermann Pregler	System Operator
12. Helmut Friesenborg	Fitter
13. Günther Kalis	Chief Cook
14. Wilfried Kluge	2nd Cook
15. Iris Seidel	Steward
16. Norbert Bosselmann	Boatswain
17. Karsten Peters	A. B.
18. Rolf Weinhold	A. B.
19. Frank Schrage	A. B.
20. Christian Roob	A. B.
21. Rainer Badtke	A. B.
22. Gerhard Müller	A. B.
23. Olaf Wiechert	A. B.
24. Eike Neunaber	Apprentice

Station List

MSM09/3 Station Book

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Gear	Action	Comment
MSM9/473-1	23.09.08	12:42	65° 11.02' N	53° 55.66' W	95	Seismic reflection profile	Streamer into water	Kopfboje mit Blitzer und Sender z/W
MSM9/473-1	23.09.08	14:00	65° 14.13' N	53° 59.46' W	152	Seismic reflection profile	Remark	ca. 2000m ausgesteckt
MSM9/473-1	23.09.08	16:47	65° 20.74' N	54° 7.79' W	143	Seismic reflection profile	Remark	Streamer komplett ausgesteckt
MSM9/473-1	23.09.08	17:12	65° 22.18' N	54° 9.57' W	127	Seismic reflection profile	airguns in the water	erstes Kanonen paar des Stb. Array zu Wasser
MSM9/473-1	23.09.08	17:46	65° 24.16' N	54° 12.04' W	117	Seismic reflection profile	Remark	Stb. array komplett ausgebracht
MSM9/473-1	23.09.08	18:25	65° 26.35' N	54° 15.26' W	99	Seismic reflection profile	Magnetometer to water	
MSM9/473-1	23.09.08	20:14	65° 30.37' N	54° 33.36' W	113	Seismic reflection profile	profile start	
MSM9/473-1	25.09.08	03:08	65° 57.59' N	61° 10.21' W	211	Seismic reflection profile	Remark	Kursänderung nach Nord wegen Eis
MSM9/473-1	25.09.08	03:20	65° 58.07' N	61° 12.40' W	190	Seismic reflection profile	end of profile	Abbruch 12sm vor regulären Profildende
MSM9/473-1	25.09.08	04:16	66° 3.03' N	61° 14.38' W	183	Seismic reflection profile	array on deck	erstes Kanonen paar an Deck
MSM9/473-1	25.09.08	04:28	66° 4.16' N	61° 14.69' W	180	Seismic reflection profile	Remark	Stb Kanonen array komplett an Deck
MSM9/473-1	25.09.08	05:00	66° 6.26' N	61° 15.12' W	174	Seismic reflection profile	Remark	Bb. Kanonen array komplett an Deck
MSM9/473-1	25.09.08	05:17	66° 7.36' N	61° 15.12' W	176	Seismic reflection profile	Magnetometer on deck	
MSM9/473-1	25.09.08	05:21	66° 7.61' N	61° 15.10' W	174	Seismic reflection profile	Remark	Beginn Hieven des Streamers
MSM9/473-1	25.09.08	07:03	66° 11.61' N	61° 13.75' W	175	Seismic reflection profile	streamer on deck	
MSM9/474-1	25.09.08	17:03	67° 59.97' N	62° 59.95' W	1029	Ocean bottom seismometer	surface	
MSM9/475-1	25.09.08	17:54	68° 9.99' N	62° 55.73' W	1382	Ocean bottom seismometer	surface	
MSM9/476-1	25.09.08	18:45	68° 20.01' N	62° 51.52' W	1556	Ocean bottom seismometer	surface	
MSM9/477-1	25.09.08	19:35	68° 30.02' N	62° 47.41' W	1704	Ocean bottom seismometer	surface	
MSM9/478-1	25.09.08	20:25	68° 40.08' N	62° 43.13' W		Ocean bottom seismometer	surface	
MSM9/479-1	25.09.08	21:17	68° 50.08' N	62° 38.79' W	1862	Ocean bottom seismometer	surface	
MSM9/480-1	25.09.08	22:14	69° 0.12' N	62° 34.26' W		Ocean bottom seismometer	surface	
MSM9/481-1	25.09.08	23:09	69° 10.12' N	62° 29.69' W	1941	Ocean bottom seismometer	surface	
MSM9/482-1	26.09.08	00:19	69° 20.13' N	62° 25.12' W	1958	Ocean bottom seismometer	surface	
MSM9/483-1	26.09.08	01:23	69° 30.16' N	62° 20.59' W	1972	Ocean bottom seismometer	surface	
MSM9/484-1	26.09.08	02:30	69° 40.16' N	62° 15.75' W	1999	Ocean bottom seismometer	surface	
MSM9/485-1	26.09.08	03:38	69° 50.15' N	62° 10.97' W	2005	Ocean bottom seismometer	surface	
MSM9/486-1	26.09.08	04:39	70° 0.08' N	62° 6.06' W	1970	Ocean bottom seismometer	surface	
MSM9/487-1	26.09.08	05:44	70° 10.18' N	62° 0.98' W	1905	Ocean bottom seismometer	surface	
MSM9/488-1	26.09.08	06:47	70° 20.06' N	61° 56.14' W	1812	Ocean bottom seismometer	surface	
MSM9/489-1	26.09.08	07:56	70° 30.11' N	61° 51.07' W	1760	Ocean bottom seismometer	surface	
MSM9/490-1	26.09.08	09:05	70° 40.12' N	61° 45.80' W	1736	Ocean bottom seismometer	surface	
MSM9/491-1	26.09.08	10:13	70° 50.13' N	61° 40.43' W	1695	Ocean bottom seismometer	surface	

	8		N			seismometer		
MSM9/492-1	26.09.08	11:14	71° 0.15' N	61° 35.00' W	1725	Ocean bottom seismometer	surface	
MSM9/493-1	26.09.08	12:15	71° 10.15' N	61° 29.36' W		Ocean bottom seismometer	surface	
MSM9/494-1	26.09.08	13:22	71° 20.11' N	61° 24.05' W	1759	Ocean bottom seismometer	surface	
MSM9/495-1	26.09.08	14:26	71° 30.08' N	61° 18.41' W	1703	Ocean bottom seismometer	surface	
MSM9/496-1	26.09.08	15:32	71° 40.05' N	61° 12.50' W	1645	Ocean bottom seismometer	surface	
MSM9/497-1	26.09.08	16:32	71° 50.03' N	61° 6.51' W	1569	Ocean bottom seismometer	surface	
MSM9/498-1	26.09.08	17:37	71° 59.95' N	61° 0.77' W	1498	Ocean bottom seismometer	surface	
MSM9/499-1	26.09.08	18:30	72° 3.55' N	61° 7.56' W		Magnetic profile	surface	Beginn Ausstecken
MSM9/499-1	26.09.08	18:37	72° 3.27' N	61° 8.97' W	1587	Magnetic profile	information	300m ausgesteckt
MSM9/499-1	26.09.08	18:40	72° 3.12' N	61° 9.70' W	1596	Magnetic profile	Profile Start	
MSM9/499-1	26.09.08	19:07	72° 1.35' N	61° 18.71' W	1714	Magnetic profile	information	600m ausgesteckt
MSM9/499-1	27.09.08	20:30	68° 2.16' N	63° 17.01' W	930	Magnetic profile	Profile End	
MSM9/499-1	27.09.08	20:47	68° 1.24' N	63° 19.41' W	838	Magnetic profile	on deck	
MSM9/500-1	27.09.08	22:51	67° 47.49' N	62° 41.96' W	797	Seismic reflection profile	Streamer into water	Kopfboje mit Sender und Blitzlicht
MSM9/500-1	27.09.08	23:36	67° 49.01' N	62° 44.75' W	839	Seismic reflection profile	airguns in the water	Bolt-Gun über Stb-Kran, 60 m ausgesteckt
MSM9/500-1	28.09.08	00:15	67° 50.33' N	62° 47.19' W	833	Seismic reflection profile	airguns in the water	Bolt-Gun über Bb-Kran, 55 m ausgesteckt
MSM9/500-1	28.09.08	01:23	67° 52.99' N	62° 50.80' W	898	Seismic reflection profile	Magnetometer to water	
MSM9/500-1	28.09.08	01:35	67° 53.73' N	62° 52.12' W	867	Seismic reflection profile	airguns in the water	Stb-Array
MSM9/500-1	28.09.08	02:25	67° 56.73' N	62° 56.64' W	869	Seismic reflection profile	airguns in the water	Bb-Array
MSM9/500-1	28.09.08	03:00	67° 58.88' N	63° 0.06' W	942	Seismic reflection profile	Remark	Alles ausgebracht - KÄ auf Profilkurs
MSM9/500-1	28.09.08	03:13	68° 0.01' N	62° 59.99' W	1028	Seismic reflection profile	profile start	
MSM9/500-1	28.09.08	10:30	68° 39.62' N	62° 43.37' W	1808	Seismic reflection profile	Remark	Profilunterbrechung, Beginn Geräte einzuholen
MSM9/500-1	28.09.08	10:53	68° 41.29' N	62° 42.54' W	1815	Seismic reflection profile	array on deck	Bb. Airgun-Arrays
MSM9/500-1	28.09.08	11:27	68° 44.33' N	62° 41.34' W	1834	Seismic reflection profile	array on deck	Stb. Airgun-Arrays
MSM9/500-1	28.09.08	12:20	68° 49.09' N	62° 39.05' W	1859	Seismic reflection profile	Remark	Beginn Einholen Streamer und Stb-Bolt - Gun
MSM9/500-1	28.09.08	12:40	68° 50.01' N	62° 38.22' W	1861	Seismic reflection profile	array on deck	Stb-Bolt - Gun
MSM9/500-1	28.09.08	13:05	68° 51.14' N	62° 37.37' W	1866	Seismic reflection profile	array on deck	Bb-Bolt - Gun
MSM9/500-1	28.09.08	13:10	68° 51.34' N	62° 37.21' W	1865	Seismic reflection profile	Magnetometer on deck	Kabel mit Streamerstrang verknötet
MSM9/500-1	28.09.08	13:20	68° 51.78' N	62° 36.86' W	1867	Seismic reflection profile	Remark	Streamerstrang wird geöffnet um Magnetometer - Wuling zu entfernen
MSM9/501-1	28.09.08	18:33	68° 14.75' N	62° 53.97' W	1481	Seismic reflection profile	Magnetometer to water	
MSM9/501-1	28.09.08	18:40	68° 15.24' N	62° 53.83' W	1490	Seismic reflection profile	airguns in the water	erste Kanone Stb. array zu Wasser
MSM9/501-1	28.09.08	18:50	68° 16.07' N	62° 53.42' W	1509	Seismic reflection profile	Remark	Magnetometer auf 600m ausgesteckt
MSM9/501-1	28.09.08	19:08	68° 17.41' N	62° 52.62' W	1536	Seismic reflection profile	Remark	Stb. Kanonen array komplett zu Wasser
MSM9/501-1	28.09.08	19:10	68° 17.55' N	62° 52.53' W	1536	Seismic reflection profile	airguns in the water	erste Kanone Bb. array zu Wasser

MSM9/501-1	28.09.08	19:23	68° 18.51' N	62° 52.06' W	1551	Seismic reflection profile	profile start	
MSM9/501-1	28.09.08	19:31	68° 19.07' N	62° 51.82' W	1553	Seismic reflection profile	Remark	Bb. Kanonen arry komplett zu Wasser
MSM9/501-1	28.09.08	19:59	68° 21.17' N	62° 51.06' W	1571	Seismic reflection profile	airguns in the water	Bolt Gun über Bb-Kran, 50m
MSM9/501-1	28.09.08	21:40	68° 30.69' N	62° 47.15' W	1715	Seismic reflection profile	airguns in the water	Stb. Boltgun zu Wasser
MSM9/501-1	30.09.08	14:30	72° 5.20' N	60° 58.05' W	1472	Seismic reflection profile	Remark	Beg. einholen Bb-Array
MSM9/501-1	30.09.08	15:03	72° 8.15' N	60° 56.57' W	1449	Seismic reflection profile	array on deck	Bb-Array eingeholt; weiter mit Stb-Array
MSM9/501-1	30.09.08	15:35	72° 10.93' N	60° 55.22' W	1357	Seismic reflection profile	array on deck	Stb-Array a/D; weiter mit Stb. Bolt-Gun
MSM9/501-1	30.09.08	15:55	72° 11.66' N	60° 54.67' W	1323	Seismic reflection profile	array on deck	Stb Bolt-Gun a/D, weiter mit Bb-Bolt
MSM9/501-1	30.09.08	15:55	72° 11.66' N	60° 54.67' W	1323	Seismic reflection profile	end of profile	
MSM9/501-1	30.09.08	16:03	72° 11.94' N	60° 54.43' W	1304	Seismic reflection profile	Magnetometer on deck	
MSM9/501-1	30.09.08	16:10	72° 12.20' N	60° 54.26' W	1288	Seismic reflection profile	array on deck	
MSM9/498-1	30.09.08	17:03	72° 2.50' N	61° 0.07' W		Ocean bottom seismometer	released	
MSM9/498-1	30.09.08	17:41	71° 59.97' N	61° 1.00' W		Ocean bottom seismometer	on deck	
MSM9/497-1	30.09.08	18:20	71° 52.62' N	61° 5.28' W		Ocean bottom seismometer	released	
MSM9/497-1	30.09.08	19:03	71° 50.13' N	61° 6.77' W		Ocean bottom seismometer	on deck	
MSM9/496-1	30.09.08	19:46	71° 42.45' N	61° 11.11' W		Ocean bottom seismometer	released	
MSM9/496-1	30.09.08	20:26	71° 39.95' N	61° 12.10' W		Ocean bottom seismometer	on deck	
MSM9/495-1	30.09.08	21:10	71° 32.78' N	61° 16.21' W		Ocean bottom seismometer	released	
MSM9/495-1	30.09.08	21:49	71° 30.04' N	61° 17.76' W		Ocean bottom seismometer	on deck	
MSM9/494-1	30.09.08	22:41	71° 22.49' N	61° 22.27' W		Ocean bottom seismometer	released	
MSM9/494-1	30.09.08	23:19	71° 20.27' N	61° 23.62' W		Ocean bottom seismometer	on deck	
MSM9/493-1	01.10.08	00:06	71° 12.90' N	61° 27.92' W		Ocean bottom seismometer	released	
MSM9/493-1	01.10.08	00:42	71° 10.29' N	61° 29.27' W		Ocean bottom seismometer	on deck	
MSM9/492-1	01.10.08	01:25	71° 2.73' N	61° 32.30' W		Ocean bottom seismometer	released	
MSM9/492-1	01.10.08	02:02	71° 0.46' N	61° 35.19' W		Ocean bottom seismometer	on deck	
MSM9/491-1	01.10.08	02:49	70° 52.74' N	61° 38.18' W		Ocean bottom seismometer	released	
MSM9/491-1	01.10.08	03:26	70° 50.46' N	61° 40.34' W		Ocean bottom seismometer	on deck	
MSM9/490-1	01.10.08	04:10	70° 42.54' N	61° 43.59' W		Ocean bottom seismometer	released	
MSM9/490-1	01.10.08	04:56	70° 40.26' N	61° 44.92' W		Ocean bottom seismometer	on deck	
MSM9/489-1	01.10.08	05:39	70° 32.74' N	61° 47.81' W		Ocean bottom seismometer	released	
MSM9/489-1	01.10.08	06:22	70° 30.07' N	61° 50.09' W		Ocean bottom seismometer	on deck	
MSM9/488-1	01.10.08	06:59	70° 23.05' N	61° 53.49' W		Ocean bottom seismometer	released	
MSM9/488-1	01.10.08	07:45	70° 19.83' N	61° 55.36' W		Ocean bottom seismometer	on deck	
MSM9/487-1	01.10.08	08:23	70° 12.85' N	61° 59.31' W		Ocean bottom seismometer	released	
MSM9/487-1	01.10.08	09:10	70° 9.76' N	62° 0.53' W		Ocean bottom seismometer	on deck	
MSM9/486-1	01.10.08	09:47	70° 2.80' N	62° 4.40' W		Ocean bottom seismometer	released	
MSM9/486-1	01.10.08	10:25	69° 59.70' N	62° 5.85' W		Ocean bottom seismometer	on deck	
MSM9/485-1	01.10.08	11:03	69° 52.88' N	62° 9.82' W		Ocean bottom seismometer	released	

MSM9/485-1	01.10.08	11:41	69° 49.99' N	62° 11.11' W		Ocean bottom seismometer	on deck	
MSM9/484-1	01.10.08	12:24	69° 42.36' N	62° 13.77' W		Ocean bottom seismometer	released	
MSM9/484-1	01.10.08	13:00	69° 40.15' N	62° 15.89' W		Ocean bottom seismometer	on deck	
MSM9/483-1	01.10.08	13:46	69° 32.30' N	62° 17.83' W		Ocean bottom seismometer	released	
MSM9/483-1	01.10.08	14:23	69° 30.32' N	62° 21.04' W		Ocean bottom seismometer	on deck	
MSM9/482-1	01.10.08	15:05	69° 22.59' N	62° 22.74' W		Ocean bottom seismometer	released	
MSM9/482-1	01.10.08	15:44	69° 20.34' N	62° 25.12' W		Ocean bottom seismometer	on deck	
MSM9/481-1	01.10.08	16:28	69° 12.30' N	62° 27.03' W		Ocean bottom seismometer	released	
MSM9/481-1	01.10.08	17:10	69° 10.28' N	62° 29.76' W		Ocean bottom seismometer	on deck	
MSM9/480-1	01.10.08	17:50	69° 3.21' N	62° 32.03' W		Ocean bottom seismometer	released	
MSM9/480-1	01.10.08	18:33	69° 0.34' N	62° 34.51' W		Ocean bottom seismometer	on deck	
MSM9/479-1	01.10.08	19:15	68° 53.04' N	62° 36.80' W		Ocean bottom seismometer	released	
MSM9/479-1	01.10.08	19:53	68° 50.31' N	62° 38.94' W		Ocean bottom seismometer	on deck	
MSM9/478-1	01.10.08	20:35	68° 42.66' N	62° 40.96' W		Ocean bottom seismometer	released	
MSM9/478-1	01.10.08	21:05	68° 40.17' N	62° 43.04' W		Ocean bottom seismometer	on deck	
MSM9/477-1	01.10.08	21:42	68° 32.86' N	62° 45.48' W		Ocean bottom seismometer	released	
MSM9/477-1	01.10.08	22:21	68° 30.03' N	62° 47.31' W		Ocean bottom seismometer	on deck	
MSM9/476-1	01.10.08	22:58	68° 22.85' N	62° 50.01' W		Ocean bottom seismometer	released	
MSM9/476-1	01.10.08	23:32	68° 20.09' N	62° 51.87' W		Ocean bottom seismometer	on deck	
MSM9/475-1	02.10.08	00:12	68° 12.36' N	62° 54.69' W		Ocean bottom seismometer	released	
MSM9/475-1	02.10.08	00:44	68° 10.03' N	62° 55.51' W		Ocean bottom seismometer	on deck	
MSM9/474-1	02.10.08	01:28	68° 2.12' N	62° 58.39' W		Ocean bottom seismometer	released	
MSM9/474-1	02.10.08	01:56	67° 59.84' N	62° 59.71' W		Ocean bottom seismometer	on deck	
MSM9/502-1	02.10.08	03:17	67° 47.97' N	62° 39.07' W	843	Seismic reflection profile	Streamer into water	Kopfboje mit Blitzer und Sender (Ch. A)
MSM9/502-1	02.10.08	04:52	67° 51.50' N	62° 47.91' W	884	Seismic reflection profile	Remark	Streamer komplett ausgesteckt, 3000m
MSM9/502-1	02.10.08	04:57	67° 51.77' N	62° 48.56' W	878	Seismic reflection profile	Magnetometer to water	
MSM9/502-1	02.10.08	05:11	67° 52.60' N	62° 50.49' W	882	Seismic reflection profile	airguns in the water	erste Kanone Stb. arry zu Wasser
MSM9/502-1	02.10.08	05:25	67° 53.41' N	62° 52.31' W	847	Seismic reflection profile	Remark	Stb. Kanonen arry komplett ausgesteckt, 45m
MSM9/502-1	02.10.08	05:30	67° 53.67' N	62° 52.93' W	833	Seismic reflection profile	airguns in the water	erste kanone Bb. arry zu Wasser
MSM9/502-1	02.10.08	05:47	67° 54.57' N	62° 55.07' W	803	Seismic reflection profile	Remark	Bb. Kanonen arry komplett ausgesteckt, 45m
MSM9/502-1	02.10.08	05:47	67° 54.57' N	62° 55.07' W	803	Seismic reflection profile	Remark	Magnetometer komplett ausgesteckt, 600m
MSM9/502-1	02.10.08	06:51	67° 59.23' N	63° 0.36' W	966	Seismic reflection profile	profile start	
MSM9/502-1	02.10.08	19:24	69° 6.55' N	62° 31.47' W	1941	Seismic reflection profile	Remark	Kursänderung wegen Eis
MSM9/502-1	02.10.08	20:21	69° 11.68' N	62° 29.18' W	1939	Seismic reflection profile	Remark	wieder auf Kurs
MSM9/502-1	03.10.08	12:40	70° 36.83' N	61° 47.54' W	1749	Seismic reflection profile	Remark	Kursänderung wegen Eis
MSM9/502-1	03.10.08	14:10	70° 44.96' N	61° 43.51' W	1705	Seismic reflection profile	Remark	wieder auf Kurs
MSM9/502-1	03.10.08	16:06	70° 54.97' N	61° 37.87' W	1702	Seismic reflection profile	Remark	Kursänderung wegen Eis

MSM9/502-1	03.10.08	18:06	71° 4.95' N	61° 32.44' W	1750	Seismic reflection profile	Remark	wieder auf Kurs
MSM9/502-1	04.10.08	05:06	72° 1.93' N	60° 59.75' W	1471	Seismic reflection profile	end of profile	Beginn drehmanöver über Stb.
MSM9/502-1	04.10.08	05:19	72° 2.99' N	60° 58.13' W	1448	Seismic reflection profile	Remark	Beginn drehen über Bb.
MSM9/502-1	04.10.08	06:39	72° 2.93' N	61° 6.67' W	1562	Seismic reflection profile	Remark	Beendigung des Drehmanövers, auf Sollkurs 148°
MSM9/502-1	04.10.08	07:03	72° 1.09' N	61° 3.09' W	1518	Seismic reflection profile	profile start	
MSM9/502-1	04.10.08	18:37	71° 8.37' N	59° 17.43' W	351	Seismic reflection profile	end of profile	Beginn drehen über Stb.
MSM9/502-1	04.10.08	18:52	71° 7.09' N	59° 16.58' W	355	Seismic reflection profile	Remark	Beginn drehen über Bb.
MSM9/502-1	04.10.08	20:23	71° 9.11' N	59° 13.53' W	345	Seismic reflection profile	Remark	Drehen über Stb.
MSM9/502-1	04.10.08	20:41	71° 9.30' N	59° 17.97' W	346	Seismic reflection profile	profile start	
MSM9/502-1	05.10.08	12:33	71° 35.45' N	63° 25.09' W	2273	Seismic reflection profile	end of profile	
MSM9/502-1	05.10.08	12:35	71° 35.51' N	63° 25.60' W	2272	Seismic reflection profile	Remark	Beginn Einholen
MSM9/502-1	05.10.08	12:50	71° 35.97' N	63° 29.56' W	2274	Seismic reflection profile	Magnetometer on deck	
MSM9/502-1	05.10.08	13:13	71° 36.30' N	63° 35.80' W	2276	Seismic reflection profile	array on deck	Bb-Array a/D
MSM9/502-1	05.10.08	13:35	71° 36.18' N	63° 41.94' W	2274	Seismic reflection profile	array on deck	Stb.-Array a/D
MSM9/502-1	05.10.08	15:47	71° 42.05' N	63° 53.89' W	2286	Seismic reflection profile	streamer on deck	
MSM9/503-1	05.10.08	16:18	71° 43.84' N	63° 47.35' W	2290	Magnetic profile	surface	
MSM9/503-1	05.10.08	16:29	71° 44.25' N	63° 44.62' W	2289	Magnetic profile	information	Magnetometer komplett ausgesteckt, 750m
MSM9/503-1	05.10.08	16:37	71° 44.58' N	63° 42.66' W	2288	Magnetic profile	Profile Start	
MSM9/503-1	05.10.08	18:37	71° 51.38' N	62° 44.81' W	2240	Magnetic profile	information	Beginn Drehfahrt über Bb., Kalibrierung
MSM9/503-1	05.10.08	19:07	71° 51.64' N	62° 43.89' W	2241	Magnetic profile	information	Beendigung Drehfahrt
MSM9/503-1	05.10.08	21:00	71° 57.33' N	61° 47.92' W	1988	Magnetic profile	Profile End	
MSM9/504-1	05.10.08	21:24	71° 56.26' N	61° 39.61' W	1924	Magnetic profile	Profile Start	
MSM9/504-1	05.10.08	23:00	71° 39.43' N	61° 48.05' W	1962	Magnetic profile	information	Kusänderung auf 175°, Eisberg auf Kurslinie
MSM9/504-1	06.10.08	01:30	71° 14.31' N	62° 0.85' W	2035	Magnetic profile	information	zurück auf Track
MSM9/504-1	06.10.08	19:41	68° 14.76' N	63° 28.26' W	1291	Magnetic profile	Profile End	
MSM9/504-1	06.10.08	19:54	68° 13.96' N	63° 29.11' W	1275	Magnetic profile	on deck	
MSM9/505-1	07.10.08	17:20	69° 18.85' N	62° 22.92' W	1954	Magnetic profile	surface	
MSM9/505-1	07.10.08	17:33	69° 18.32' N	62° 20.17' W	1952	Magnetic profile	information	Magnetometer komplett ausgesteckt, 750m
MSM9/505-1	07.10.08	17:37	69° 18.14' N	62° 19.22' W	1947	Magnetic profile	Profile Start	
MSM9/505-1	08.10.08	09:23	67° 49.23' N	56° 29.13' W	169	Magnetic profile	Profile End	
MSM9/505-1	08.10.08	09:48	67° 47.92' N	56° 23.66' W	155	Magnetic profile	on deck	
MSM9/506-1	10.10.08	08:30	67° 49.25' N	56° 29.33' W	175	Ocean bottom seismometer	surface	
MSM9/507-1	10.10.08	09:22	67° 55.27' N	56° 50.26' W	224	Ocean bottom seismometer	surface	
MSM9/508-1	10.10.08	10:19	68° 1.27' N	57° 11.41' W	294	Ocean bottom seismometer	surface	
MSM9/509-1	10.10.08	11:17	68° 7.19' N	57° 32.69' W	384	Ocean bottom seismometer	surface	
MSM9/510-1	10.10.08	12:16	68° 13.10' N	57° 54.07' W	425	Ocean bottom seismometer	surface	

	8		N			seismometer		
MSM9/511-1	10.10.0 8	13:15	68° 18.88' N	58° 15.89' W	312	Ocean bottom seismometer	surface	
MSM9/512-1	10.10.0 8	14:16	68° 24.46' N	58° 37.85' W	344	Ocean bottom seismometer	surface	
MSM9/513-1	10.10.0 8	15:14	68° 30.46' N	58° 59.84' W	315	Ocean bottom seismometer	surface	
MSM9/514-1	10.10.0 8	16:07	68° 36.15' N	59° 22.04' W	578	Ocean bottom seismometer	surface	
MSM9/515-1	10.10.0 8	17:02	68° 41.77' N	59° 44.37' W	1268	Ocean bottom seismometer	surface	
MSM9/516-1	10.10.0 8	18:32	68° 47.30' N	60° 6.96' W	1575	Ocean bottom seismometer	surface	
MSM9/517-1	10.10.0 8	19:26	68° 52.86' N	60° 29.80' W	1703	Ocean bottom seismometer	surface	
MSM9/518-1	10.10.0 8	20:19	68° 58.38' N	60° 52.71' W	1776	Ocean bottom seismometer	surface	
MSM9/519-1	10.10.0 8	21:12	69° 3.75' N	61° 16.10' W	1865	Ocean bottom seismometer	surface	
MSM9/520-1	10.10.0 8	22:02	69° 9.16' N	61° 39.41' W	1907	Ocean bottom seismometer	surface	
MSM9/521-1	10.10.0 8	22:55	69° 14.46' N	62° 2.86' W	1931	Ocean bottom seismometer	surface	
MSM9/522-1	10.10.0 8	23:52	69° 19.78' N	62° 26.44' W	1956	Ocean bottom seismometer	surface	
MSM9/523-1	11.10.0 8	00:57	69° 25.05' N	62° 50.46' W	1986	Ocean bottom seismometer	surface	
MSM9/524-1	11.10.0 8	01:59	69° 30.14' N	63° 14.55' W	2032	Ocean bottom seismometer	surface	
MSM9/525-1	11.10.0 8	03:05	69° 35.29' N	63° 39.05' E	1959	Ocean bottom seismometer	surface	
MSM9/526-1	11.10.0 8	04:31	69° 40.34' N	64° 3.47' W	1938	Ocean bottom seismometer	surface	
MSM9/527-1	11.10.0 8	05:47	69° 45.37' N	64° 28.15' W	1800	Ocean bottom seismometer	surface	
MSM9/528-1	11.10.0 8	07:01	69° 50.29' N	64° 53.11' W	1046	Ocean bottom seismometer	surface	
MSM9/529-1	11.10.0 8	08:20	69° 55.16' N	65° 18.22' W	600	Ocean bottom seismometer	surface	
MSM9/530-1	11.10.0 8	09:38	69° 59.95' N	65° 43.60' W	243	Ocean bottom seismometer	surface	
MSM9/531-1	11.10.0 8	11:46	70° 2.57' N	65° 52.05' W	185	Magnetic profile	surface	Magnetometer
MSM9/531-1	11.10.0 8	12:06	70° 4.06' N	65° 54.59' W	168	Magnetic profile	information	600m ausgesteckt
MSM9/531-1	11.10.0 8	13:09	70° 0.04' N	65° 44.56' W	231	Magnetic profile	Profile Start	
MSM9/531-1	11.10.0 8	14:35	69° 52.88' N	65° 6.80' W	759	Magnetic profile	information	Ausweichen Eisberg
MSM9/531-1	11.10.0 8	16:15	69° 44.68' N	64° 25.87' W	1843	Magnetic profile	information	zurück auf Track
MSM9/531-1	11.10.0 8	22:06	69° 14.84' N	62° 4.26' W	1932	Magnetic profile	Profile End	
MSM9/532-1	11.10.0 8	22:07	69° 14.75' N	62° 3.84' W	1986	Magnetic profile	Profile Start	
MSM9/532-1	12.10.0 8	02:06	68° 35.69' N	62° 22.00' W	1805	Magnetic profile	information	Kursänderung auf 117°
MSM9/532-1	12.10.0 8	03:45	68° 29.28' N	61° 45.32' W	1785	Magnetic profile	information	Kursänderung auf 009°
MSM9/532-1	12.10.0 8	11:03	69° 40.49' N	61° 12.92' W	1829	Magnetic profile	Profile End	
MSM9/532-1	12.10.0 8	11:31	69° 42.69' N	61° 17.20' W	1825	Magnetic profile	on deck	
MSM9/533-1	12.10.0 8	21:09	70° 10.26' N	66° 12.99' W	142	Seismic reflection profile	Streamer into water	Kopfboje mit Blitzer zu Wasser
MSM9/533-1	12.10.0 8	23:02	70° 4.61' N	66° 0.66' W	172	Seismic reflection profile	airguns in the water	Stb. Bolt Gun z/W
MSM9/533-1	12.10.0 8	23:28	70° 3.33' N	65° 56.82' W	191	Seismic reflection profile	Remark	Streamer komplett ausgesteckt, 3700m
MSM9/533-1	12.10.0 8	23:43	70° 2.42' N	65° 53.82' W	198	Seismic reflection profile	airguns in the water	Bb. erste Airgun Array z/W
MSM9/533-1	13.10.0 8	00:02	70° 1.30' N	65° 50.19' W	191	Seismic reflection profile	airguns in the water	Bb. Airgun Arrays komplett z/W
MSM9/533-1	13.10.0 8	00:03	70° 1.24' N	65° 49.99' W	191	Seismic reflection profile	profile start	Beginn Softstart
MSM9/533-1	13.10.0	00:15	70° 0.65' N	65° 47.51' W	201	Seismic	airguns in	Stb. erste Airgun

	8					reflection profile	the water	Array z/W
MSM9/533-1	13.10.08	00:35	69° 59.84' N	65° 43.09' W	250	Seismic reflection profile	airguns in the water	Stb. Airgun Arrays komplett z/W
MSM9/533-1	13.10.08	02:06	69° 55.95' N	65° 22.38' W	564	Seismic reflection profile	Remark	KÄ nach Stb wegen Eisberg
MSM9/533-1	13.10.08	03:40	69° 51.52' N	65° 3.79' W	807	Seismic reflection profile	airguns in the water	Bb Bolt-Gun nach Auftauen z/W, 50m ausgesteckt
MSM9/533-1	13.10.08	04:00	69° 51.26' N	64° 58.92' W	922	Seismic reflection profile	Remark	zurück auf Track
MSM9/533-1	13.10.08	13:13	69° 27.26' N	63° 0.35' W	1983	Seismic reflection profile	Remark	Bb. Bolt Gun a/D
MSM9/533-1	13.10.08	16:00	69° 19.46' N	62° 25.00' W	1954	Seismic reflection profile	airguns in the water	Bb. Bolt Gun nach auftauen wieder z/W, 50 m ausgesteckt
MSM9/533-1	13.10.08	20:42	69° 6.23' N	61° 26.07' W	1891	Seismic reflection profile	Remark	Ausweichen wegen Eis
MSM9/533-1	13.10.08	22:34	69° 0.84' N	61° 2.84' W	1814	Seismic reflection profile	Remark	zurück auf Track
MSM9/533-1	14.10.08	03:35	68° 45.40' N	60° 2.37' W	1520	Seismic reflection profile	Remark	Wegen Annäherung von Gebiet mit vielen Langleinen wird der Streamer geborgen.
MSM9/533-1	14.10.08	03:40	68° 44.96' N	60° 2.28' W	1511	Seismic reflection profile	Remark	Unterbrechung schießen
MSM9/533-1	14.10.08	05:22	68° 38.64' N	60° 5.59' W	1486	Seismic reflection profile	streamer on deck	Drehen auf KüG 030°
MSM9/533-1	14.10.08	07:00	68° 43.14' N	59° 51.89' W	1407	Seismic reflection profile	Remark	Fortsetzung Profil
MSM9/533-1	14.10.08	11:12	68° 44.19' N	59° 13.08' W	531	Seismic reflection profile	Streamer into water	Kopfboje z/W
MSM9/533-1	14.10.08	12:30	68° 39.48' N	59° 3.37' W	337	Seismic reflection profile	Remark	Leckage im Streamer, Aussetzen wird unterbrochen
MSM9/533-1	14.10.08	12:37	68° 39.05' N	59° 2.54' W	313	Seismic reflection profile	Remark	Leckage abgedichtet, Aussetzen wird fortgesetzt
MSM9/533-1	14.10.08	13:03	68° 37.39' N	58° 59.43' W	307	Seismic reflection profile	Streamer into water	3700m z/W
MSM9/533-1	14.10.08	13:06	68° 37.18' N	58° 59.01' W	304	Seismic reflection profile	end of profile	
MSM9/534-1	14.10.08	13:09	68° 36.95' N	58° 58.58' W	307	Seismic reflection profile	profile start	Neustart
MSM9/534-1	14.10.08	15:45	68° 25.58' N	58° 39.22' W	346	Seismic reflection profile	alter course	Schwenken ein auf ursprünglichen Track
MSM9/534-1	14.10.08	19:15	68° 14.13' N	57° 57.47' W	387	Seismic reflection profile	Remark	Kursänderung wegen Eis
MSM9/534-1	14.10.08	21:28	68° 7.07' N	57° 32.67' W	383	Seismic reflection profile	Remark	Zurück auf Track
MSM9/534-1	15.10.08	02:56	67° 49.38' N	56° 29.75' W	172	Seismic reflection profile	Remark	Überfahren Profil-Endpunkt
MSM9/534-1	15.10.08	03:22	67° 47.72' N	56° 25.55' W	163	Seismic reflection profile	end of profile	
MSM9/534-1	15.10.08	03:55	67° 45.07' N	56° 23.10' W	151	Seismic reflection profile	array on deck	Stb-Array
MSM9/534-1	15.10.08	04:10	67° 43.82' N	56° 21.99' W	141	Seismic reflection profile	array on deck	Bb-Array
MSM9/534-1	15.10.08	04:40	67° 42.58' N	56° 20.78' W	158	Seismic reflection profile	array on deck	Bb Bolt-Gun
MSM9/534-1	15.10.08	05:05	67° 41.40' N	56° 19.75' W	143	Seismic reflection profile	array on deck	Stb Bolt-Gun
MSM9/534-1	15.10.08	07:14	67° 34.94' N	56° 14.52' W	133	Seismic reflection profile	streamer on deck	
MSM9/506-1	15.10.08	08:44	67° 49.13' N	56° 29.38' W	172	Ocean bottom seismometer	released	
MSM9/506-1	15.10.08	08:58	67° 49.18' N	56° 29.10' W		Ocean bottom seismometer	on deck	
MSM9/507-1	15.10.08	09:51	67° 54.92' N	56° 49.40' W		Ocean bottom seismometer	released	
MSM9/507-1	15.10.08	10:03	67° 55.35' N	56° 50.10' W		Ocean bottom seismometer	on deck	
MSM9/508-1	15.10.08	10:55	68° 1.09' N	57° 11.00' W		Ocean bottom seismometer	released	
MSM9/508-1	15.10.08	11:03	68° 1.34' N	57° 11.28' W		Ocean bottom seismometer	on deck	
MSM9/509-1	15.10.08	11:53	68° 6.70' N	57° 31.65' W		Ocean bottom	released	

	8					seismometer		
MSM9/509-1	15.10.0 8	12:16	68° 7.16' N	57° 32.43' W		Ocean bottom seismometer	on deck	
MSM9/510-1	15.10.0 8	13:06	68° 12.72' N	57° 53.29' W		Ocean bottom seismometer	released	
MSM9/510-1	15.10.0 8	13:19	68° 13.21' N	57° 54.24' W		Ocean bottom seismometer	on deck	
MSM9/511-1	15.10.0 8	14:07	68° 18.66' N	58° 15.24' W		Ocean bottom seismometer	released	
MSM9/511-1	15.10.0 8	14:22	68° 19.01' N	58° 16.03' W		Ocean bottom seismometer	on deck	
MSM9/512-1	15.10.0 8	15:09	68° 23.69' N	58° 36.08' W		Ocean bottom seismometer	released	
MSM9/512-1	15.10.0 8	15:23	68° 24.43' N	58° 37.69' W		Ocean bottom seismometer	on deck	
MSM9/513-1	15.10.0 8	16:15	68° 29.65' N	58° 57.87' W		Ocean bottom seismometer	released	
MSM9/513-1	15.10.0 8	16:30	68° 30.47' N	58° 59.82' W		Ocean bottom seismometer	on deck	
MSM9/514-1	15.10.0 8	17:19	68° 35.40' N	59° 19.63' W		Ocean bottom seismometer	released	
MSM9/514-1	15.10.0 8	17:31	68° 36.13' N	59° 21.90' W		Ocean bottom seismometer	on deck	
MSM9/515-1	15.10.0 8	18:21	68° 40.97' N	59° 39.20' W		Ocean bottom seismometer	released	
MSM9/515-1	15.10.0 8	18:49	68° 41.60' N	59° 43.61' W		Ocean bottom seismometer	on deck	
MSM9/516-1	15.10.0 8	19:37	68° 46.23' N	60° 2.82' W		Ocean bottom seismometer	released	
MSM9/516-1	15.10.0 8	20:10	68° 47.15' N	60° 6.60' W		Ocean bottom seismometer	on deck	
MSM9/517-1	15.10.0 8	20:55	68° 51.16' N	60° 23.25' W		Ocean bottom seismometer	released	
MSM9/517-1	15.10.0 8	21:33	68° 52.70' N	60° 29.58' W		Ocean bottom seismometer	on deck	
MSM9/518-1	15.10.0 8	22:13	68° 56.62' N	60° 45.78' W		Ocean bottom seismometer	released	
MSM9/518-1	15.10.0 8	22:55	68° 58.34' N	60° 52.69' W		Ocean bottom seismometer	on deck	
MSM9/519-1	15.10.0 8	23:33	69° 2.03' N	61° 8.86' W		Ocean bottom seismometer	released	
MSM9/519-1	16.10.0 8	00:17	69° 3.86' N	61° 16.44' W		Ocean bottom seismometer	on deck	
MSM9/520-1	16.10.0 8	00:57	69° 7.66' N	61° 32.57' W		Ocean bottom seismometer	released	
MSM9/520-1	16.10.0 8	01:45	69° 9.25' N	61° 39.76' W		Ocean bottom seismometer	on deck	
MSM9/521-1	16.10.0 8	02:24	69° 12.97' N	61° 57.05' W		Ocean bottom seismometer	released	
MSM9/521-1	16.10.0 8	03:05	69° 14.50' N	62° 3.70' W		Ocean bottom seismometer	on deck	
MSM9/522-1	16.10.0 8	03:45	69° 18.15' N	62° 20.50' W		Ocean bottom seismometer	released	
MSM9/522-1	16.10.0 8	04:15	69° 19.83' N	62° 26.54' W		Ocean bottom seismometer	on deck	
MSM9/523-1	16.10.0 8	04:54	69° 23.30' N	62° 43.90' W		Ocean bottom seismometer	released	
MSM9/523-1	16.10.0 8	05:31	69° 24.96' N	62° 50.40' W		Ocean bottom seismometer	on deck	
MSM9/524-1	16.10.0 8	06:11	69° 28.55' N	63° 7.78' W		Ocean bottom seismometer	released	
MSM9/524-1	16.10.0 8	06:45	69° 29.98' N	63° 14.19' W		Ocean bottom seismometer	on deck	
MSM9/525-1	16.10.0 8	07:27	69° 33.69' N	63° 32.21' W		Ocean bottom seismometer	released	
MSM9/525-1	16.10.0 8	08:02	69° 35.19' N	63° 38.13' W		Ocean bottom seismometer	on deck	
MSM9/526-1	16.10.0 8	08:42	69° 38.94' N	63° 56.55' W		Ocean bottom seismometer	released	
MSM9/526-1	16.10.0 8	09:14	69° 40.17' N	64° 2.98' W		Ocean bottom seismometer	on deck	
MSM9/527-1	16.10.0 8	09:55	69° 43.95' N	64° 21.92' W		Ocean bottom seismometer	released	
MSM9/527-1	16.10.0 8	10:35	69° 45.18' N	64° 27.92' W		Ocean bottom seismometer	on deck	
MSM9/528-1	16.10.0	11:19	69° 49.27'	64° 48.27' W		Ocean bottom	released	

	8		N			seismometer		
MSM9/528-1	16.10.08	11:41	69° 50.17' N	64° 52.94' W		Ocean bottom seismometer	on deck	
MSM9/529-1	16.10.08	12:26	69° 54.58' N	65° 15.71' W		Ocean bottom seismometer	released	
MSM9/529-1	16.10.08	12:41	69° 55.05' N	65° 18.00' W		Ocean bottom seismometer	on deck	
MSM9/530-1	16.10.08	13:31	69° 59.66' N	65° 41.95' W		Ocean bottom seismometer	released	
MSM9/530-1	16.10.08	13:46	69° 59.89' N	65° 43.90' W		Ocean bottom seismometer	on deck	
MSM9/535-1	16.10.08	21:35	70° 10.13' N	60° 43.11' W	658	Magnetic profile	surface	
MSM9/535-1	16.10.08	22:19	70° 9.54' N	60° 39.21' W	626	Magnetic profile	information	volle Länge ausgesteckt (750m)
MSM9/535-1	16.10.08	22:22	70° 9.31' N	60° 39.22' W	621	Magnetic profile	Profile Start	
MSM9/535-1	17.10.08	09:23	68° 20.19' N	61° 24.54' W	1732	Magnetic profile	information	Kursänderung auf 172°
MSM9/535-1	17.10.08	19:17	66° 41.79' N	60° 51.13' W	424	Magnetic profile	information	Kursänderung auf 195°
MSM9/535-1	17.10.08	20:30	66° 29.33' N	60° 59.28' W	326	Magnetic profile	Profile End	
MSM9/535-1	17.10.08	20:55	66° 26.24' N	61° 1.40' W	284	Magnetic profile	on deck	
MSM9/536-1	17.10.08	23:05	65° 58.22' N	61° 19.59' W	187	Ocean bottom seismometer	surface	
MSM9/537-1	18.10.08	00:01	65° 56.46' N	60° 54.24' W	361	Ocean bottom seismometer	surface	
MSM9/538-1	18.10.08	00:56	65° 54.75' N	60° 28.88' W	416	Ocean bottom seismometer	surface	
MSM9/539-1	18.10.08	01:52	65° 52.99' N	60° 3.42' W	500	Ocean bottom seismometer	surface	
MSM9/540-1	18.10.08	02:47	65° 51.27' N	59° 37.95' W	599	Ocean bottom seismometer	surface	
MSM9/541-1	18.10.08	03:40	65° 49.52' N	59° 12.69' W	570	Ocean bottom seismometer	surface	
MSM9/542-1	18.10.08	04:32	65° 47.80' N	58° 47.18' W	498	Ocean bottom seismometer	surface	
MSM9/543-1	18.10.08	05:23	65° 46.02' N	58° 21.75' W	517	Ocean bottom seismometer	surface	
MSM9/544-1	18.10.08	06:18	65° 44.31' N	57° 56.61' W	540	Ocean bottom seismometer	surface	
MSM9/545-1	18.10.08	07:14	65° 42.58' N	57° 31.24' W	609	Ocean bottom seismometer	surface	
MSM9/546-1	18.10.08	08:08	65° 40.77' N	57° 5.65' W	654	Ocean bottom seismometer	surface	
MSM9/547-1	18.10.08	09:03	65° 39.05' N	56° 40.46' W	661	Ocean bottom seismometer	surface	
MSM9/548-1	18.10.08	10:24	65° 41.52' N	56° 30.96' W	667	Seismic reflection profile	airguns in the water	Stb. Bolt Gun z/W
MSM9/548-1	18.10.08	10:44	65° 40.68' N	56° 32.72' W	667	Seismic reflection profile	airguns in the water	Bb. Bolt Gun z/W
MSM9/548-1	18.10.08	10:55	65° 40.26' N	56° 33.67' W	664	Seismic reflection profile	profile start	Beginn Soft Start
MSM9/548-1	18.10.08	11:00	65° 40.00' N	56° 34.34' W	660	Seismic reflection profile	airguns in the water	1. Airgun-Array Stb. z/W
MSM9/548-1	18.10.08	11:16	65° 39.04' N	56° 36.95' W	663	Seismic reflection profile	airguns in the water	Airgun-Arrays Stb. komplett ausgesteckt
MSM9/548-1	18.10.08	11:18	65° 38.93' N	56° 37.28' W	665	Seismic reflection profile	airguns in the water	1. Airgun-Array Bb. z/W
MSM9/548-1	18.10.08	11:32	65° 38.79' N	56° 40.12' W	663	Seismic reflection profile	airguns in the water	Airgun-Arrays Bb. komplett ausgesteckt
MSM9/548-1	18.10.08	11:45	65° 39.26' N	56° 42.74' W	664	Seismic reflection profile	profile start	
MSM9/548-1	18.10.08	18:52	65° 45.41' N	58° 13.56' W	539	Seismic reflection profile	Remark	Beginn einholen Stb. arry, vertört
MSM9/548-1	18.10.08	19:24	65° 43.73' N	58° 15.50' W	533	Seismic reflection profile	array on deck	
MSM9/548-1	18.10.08	19:24	65° 43.73' N	58° 15.50' W	533	Seismic reflection profile	Remark	Neuausbringen Stb. arry
MSM9/548-1	18.10.08	19:39	65° 42.85' N	58° 16.24' W	540	Seismic reflection profile	Remark	Stb. arry komplett ausgesteckt
MSM9/548-1	18.10.08	20:42	65° 45.50' N	58° 13.67' W	540	Seismic reflection profile	Remark	Zurück auf Track
MSM9/548-1	19.10.0	11:42	65° 59.12' N	61° 31.82' W	176	Seismic	end of	

	8		N			reflection profile	profile	
MSM9/548-1	19.10.08	12:14	66° 0.61' N	61° 29.25' W	168	Seismic reflection profile	array on deck	Bb. Airgun-Arrays a/D
MSM9/548-1	19.10.08	12:36	66° 1.51' N	61° 24.79' W	170	Seismic reflection profile	array on deck	Stb. Airgun-Arrays a/D
MSM9/548-1	19.10.08	12:54	66° 2.16' N	61° 21.96' W	175	Seismic reflection profile	array on deck	Stb. Bolt Gun a/D
MSM9/548-1	19.10.08	13:06	66° 2.60' N	61° 20.00' W	174	Seismic reflection profile	array on deck	Bb. Bolt Gun a/D
MSM9/536-1	19.10.08	13:28	65° 59.39' N	61° 20.14' W	179	Ocean bottom seismometer	released	
MSM9/536-1	19.10.08	13:41	65° 58.26' N	61° 19.40' W	183	Ocean bottom seismometer	on deck	
MSM9/537-1	19.10.08	14:34	65° 56.53' N	60° 54.71' W	360	Ocean bottom seismometer	released	
MSM9/537-1	19.10.08	14:48	65° 56.58' N	60° 54.11' W	360	Ocean bottom seismometer	on deck	
MSM9/538-1	19.10.08	15:41	65° 54.87' N	60° 29.81' W	375	Ocean bottom seismometer	released	
MSM9/538-1	19.10.08	15:54	65° 55.04' N	60° 28.53' W	379	Ocean bottom seismometer	on deck	
MSM9/539-1	19.10.08	16:41	65° 53.40' N	60° 6.73' W	473	Ocean bottom seismometer	released	
MSM9/539-1	19.10.08	16:57	65° 53.21' N	60° 3.20' W	504	Ocean bottom seismometer	on deck	
MSM9/540-1	19.10.08	17:48	65° 51.74' N	59° 40.69' W		Ocean bottom seismometer	released	
MSM9/540-1	19.10.08	18:09	65° 51.53' N	59° 37.50' W		Ocean bottom seismometer	on deck	
MSM9/541-1	19.10.08	19:00	65° 49.81' N	59° 15.00' W		Ocean bottom seismometer	released	
MSM9/541-1	19.10.08	19:18	65° 49.64' N	59° 12.41' W		Ocean bottom seismometer	on deck	
MSM9/542-1	19.10.08	20:07	65° 48.06' N	58° 49.30' W		Ocean bottom seismometer	released	
MSM9/542-1	19.10.08	20:27	65° 47.87' N	58° 46.75' W		Ocean bottom seismometer	on deck	
MSM9/543-1	19.10.08	21:18	65° 46.31' N	58° 23.69' W		Ocean bottom seismometer	released	
MSM9/543-1	19.10.08	21:37	65° 45.83' N	58° 21.37' W		Ocean bottom seismometer	on deck	
MSM9/544-1	19.10.08	22:30	65° 44.53' N	57° 58.98' W		Ocean bottom seismometer	released	
MSM9/544-1	19.10.08	22:51	65° 44.01' N	57° 56.29' W		Ocean bottom seismometer	on deck	
MSM9/545-1	19.10.08	23:44	65° 42.79' N	57° 34.03' W		Ocean bottom seismometer	released	
MSM9/545-1	20.10.08	00:07	65° 42.23' N	57° 30.94' W		Ocean bottom seismometer	on deck	
MSM9/546-1	20.10.08	00:59	65° 40.97' N	57° 8.42' W		Ocean bottom seismometer	released	
MSM9/546-1	20.10.08	01:23	65° 40.56' N	57° 5.50' W		Ocean bottom seismometer	on deck	
MSM9/547-1	20.10.08	02:12	65° 39.42' N	56° 42.65' W		Ocean bottom seismometer	released	
MSM9/547-1	20.10.08	02:28	65° 39.04' N	56° 40.77' W		Ocean bottom seismometer	on deck	
MSM9/549-1	20.10.08	10:11	66° 40.45' N	55° 39.46' W	151	Seismic reflection profile	Streamer into water	Kopfboje mit Blinklicht und Sender z/W
MSM9/549-1	20.10.08	12:07	66° 47.14' N	55° 41.74' W	126	Seismic reflection profile	Remark	Streamer 3760m komplett z/W
MSM9/549-1	20.10.08	12:12	66° 47.52' N	55° 41.99' W	124	Seismic reflection profile	Magnetometer to water	
MSM9/549-1	20.10.08	13:04	66° 51.46' N	55° 45.10' W	113	Seismic reflection profile	Remark	Einholen des Magnetometers wegen techn. Problemen
MSM9/549-1	20.10.08	13:11	66° 51.93' N	55° 46.08' W	114	Seismic reflection profile	Remark	Einholen Streamer wegen techn. Problemen
MSM9/549-1	20.10.08	13:17	66° 52.26' N	55° 47.13' W	123	Seismic reflection profile	Magnetometer on deck	
MSM9/549-1	20.10.08	16:52	66° 53.28' N	55° 37.09' W	102	Seismic reflection profile	Remark	Weiterhin Reparatur am ausgesteckten Streamer; Schiffskurs

									zum Profilstart
MSM9/549-1	20.10.08	18:02	66° 52.99' N	55° 48.11' W	116	Seismic reflection profile	Magnetometer to water		
MSM9/549-1	20.10.08	18:04	66° 53.00' N	55° 48.57' W	115	Seismic reflection profile	Remark	Streamer komplett ausgesteckt, 3700m	
MSM9/549-1	20.10.08	18:22	66° 53.07' N	55° 52.87' W	127	Seismic reflection profile	airguns in the water	erste Kanone Stb. array zu Wasser	
MSM9/549-1	20.10.08	18:24	66° 53.11' N	55° 53.31' W	124	Seismic reflection profile	Remark	Magnetometer komplett ausgesteckt, 600m	
MSM9/549-1	20.10.08	18:36	66° 53.44' N	55° 55.76' W	128	Seismic reflection profile	profile start		
MSM9/549-1	20.10.08	18:36	66° 53.44' N	55° 55.76' W	128	Seismic reflection profile	Remark	Stb. Kanonen array komplett zu Wasser	
MSM9/549-1	20.10.08	18:38	66° 53.49' N	55° 56.17' W	129	Seismic reflection profile	airguns in the water	erste Kanone Bb. array zu Wasser	
MSM9/549-1	20.10.08	18:53	66° 53.88' N	55° 59.16' W	150	Seismic reflection profile	Remark	Bb. Kanonen array komplett ausgesteckt	
MSM9/549-1	21.10.08	22:22	67° 21.48' N	62° 5.51' W	286	Seismic reflection profile	end of profile		
MSM9/549-1	21.10.08	22:28	67° 21.84' N	62° 6.54' W	260	Seismic reflection profile	Remark	Beginn Einholen Bb. Airgun-Arrays	
MSM9/549-1	21.10.08	22:46	67° 23.07' N	62° 9.31' W	235	Seismic reflection profile	array on deck	Bb. Airgun-Arrays komplett a/D	
MSM9/549-1	21.10.08	22:48	67° 23.21' N	62° 9.60' W	235	Seismic reflection profile	Remark	Beginn Einholen Stb. Airgun-Arrays	
MSM9/549-1	21.10.08	23:07	67° 24.59' N	62° 12.61' W	185	Seismic reflection profile	array on deck	Stb. Airgun-Arrays komplett a/D	
MSM9/549-1	21.10.08	23:19	67° 25.41' N	62° 14.50' W	126	Seismic reflection profile	Magnetometer on deck		
MSM9/549-1	21.10.08	23:22	67° 25.55' N	62° 14.79' W	120	Seismic reflection profile	Remark	Beginn Einholen Steamer	
MSM9/549-1	22.10.08	01:08	67° 29.54' N	62° 25.02' W	165	Seismic reflection profile	streamer on deck		

Geophysical Profile List

profile number	corresp. station no. MSM9/...	shot point start / end	date	time UTC	latitude	longitude	course	S = seis. reflect. OBS=seis. refr. M = magnetics G = gravity B = bathymetry P = Parasound	length (km)
BGR08-301	473-1	1	23.09.08	20:14:29	65° 30.379 N	54° 33.419 W		S,M,G,B,P	
		6227	25.09.08	03:22:04	65° 58.202 N	61° 12.639 W	283°		307.94
BGR08-302	499-1		26.09.08	19:00	72° 01.940 N	61° 17.606 W		M,G,B,P	
			27.09.08	20:27	68° 02.649 N	63° 16.842 W	191°		449.40
AWI-20080500 / BGR08-303	500-1	1	28.09.08	03:34:00	68° 01.821 N	62° 59.230 W		OBS,S,M,G,B,P	
		416	28.09.08	10:29:00	68° 39.531 N	62° 43.416 W	9°		70.66
AWI-20080500 / BGR08-303A	500-1	1	28.09.08	19:23:00	68° 18.507 N	62° 52.059 W		OBS,S,M,G,B,P	
		79	28.09.08	20:40:00	68° 25.099 N	62° 49.529 W	8°		12.33
AWI-20080500 / BGR08-303C	500-1	1	28.09.08	21:09:00	68° 27.776 N	62° 48.529 W		OBS,M,G,B,P	
		2568	30.09.08	15:56:00	72° 11.697 N	60° 54.639 W	9°		420.59
BGR08-304	502-1	1	02.10.08	06:51:11	67° 59.223 N	63° 00.367 W		S,M,G,B,P	

			8	8	N	W			
		9353	04.10.08	05:06:58	72° 01.983 N	60° 59.732 W	9°		455.89
BGR08-305	502-1	1	04.10.08	07:03:18	72° 01.090 N	61° 03.096 W		S,M,G,B,P	
		2316	04.10.08	18:37:49	71° 08.328 N	59° 17.330 W	147°		115.64
BGR08-306	502-1	1	04.10.08	20:41:01	71° 09.297 N	59° 17.961 W		S,M,G,B,P	
		3176	05.10.08	12:33:32	71° 35.457 N	63° 25.166 W	290°		153.99
BGR08-307	503-1		05.10.08	16:53	71° 45.425 N	63° 36.549 W		M,G,B,P	
			05.10.08	21:00	71° 57.329 N	61° 47.948 W	70°		66.38
BGR08-308	504-1		05.10.08	21:24	71° 56.272 N	61° 39.608 W		M,G,B,P	
			06.10.08	19:43	68° 14.453 N	63° 28.400 W	190°		416.38
BGR08-309	505-1		07.10.08	17:32	69° 18.334 N	62° 20.256 W		M,G,B,P	
			08.10.08	09:21	67° 49.408 N	56° 29.782 W	122°		288.54
BGR08-310	531-1		11.10.08	13:10	69° 59.941 N	65° 44.013 W		M,G,B,P	
			11.10.08	22:07	69° 14.752 N	62° 03.851 W	119°		164.74
BGR08-311	532-1		11.10.08	22:25	69° 12.344 N	62° 03.926 W		M,G,B,P	
			12.10.08	02:07	68° 35.563 N	62° 21.882 W	190°		69.15
BGR08-312	532-1		12.10.08	03:45	68° 29.279 N	61° 45.318 W		M,G,B,P	
			12.10.08	11:08	69° 41.298 N	61° 13.328 W	9°		135.02
AWI-20080600 / BGR08-313	533-1	1	13.10.08	00:03:00	70° 01.246 N	65° 50.002 W		OBS,S,G,B,P	
		1656	14.10.08	03:38:00	68° 45.137 N	60° 02.282 W	119°		266.76
AWI-20080600 / BGR08-314	533-1	1	14.10.08	06:59:00	68° 43.057 N	59° 52.017 W		OBS,G,B,P	
		368	14.10.08	13:06:00	68° 37.180 N	58° 59.017 W	107°		37.32
AWI-20080600 / BGR08-315	534-1	1	14.10.08	13:10:00	68° 36.878 N	58° 58.442 W	150°	OBS,S,G,B,P	
		853	15.10.08	03:22:00	67° 47.723 N	56° 25.556 W	119°		139.02
BGR08-316	535-1		16.10.08	22:17	70° 09.664 N	60° 39.207 W		M,G,B,P	
			17.10.08	09:23	68° 20.243 N	61° 24.526 W	189°		204.78
BGR08-317	535-1		17.10.08	09:23	68° 20.191 N	61° 24.537 W		M,G,B,P	
			17.10.08	20:29	66° 29.566 N	60° 59.106 W	171°		205.64
AWI-20080700 / BGR08-318	548-1	19	18.10.08	11:45:00	65° 39.258 N	56° 42.735 W		OBS,G,B,P	
		1429	19.10.08	11:42:00	65° 59.117 N	61° 31.806 W	282°		222.25
BGR08-319	549-1	1	20.10.08	18:36:27	66° 53.446 N	55° 55.821 W		S,M,G,B,P	
		5555	21.10.08	22:22:19	67° 21.497 N	62° 05.571 W	284°		271.05
BGR08-Cal			22.10.08	18:22	64° 17.189 N	56° 46.305 W		M,G,B,P	
			22.10.08	18:57	64° 16.536 N	56° 45.499 W			

OBS Station List, Profile AWI-20080500

Station	Deployment				Recovery		
	Lat	Lon	Depth	Date/Time	Lat	Lon	Date/Time
OBS 525	71° 59,963' N	61° 00,787' W	1492 m	26.09.08 / 17:37	71° 59,968' N	61° 01,001' W	30.09.08 / 17:41
OBS 524	71° 50,070' N	61° 06,608' W	1571 m	26.09.08 / 16:34	71° 50,128' N	61° 06,781' W	30.09.08 / 19:03
OBS 523	71° 40,070' N	61° 12,628' W	1647 m	26.09.08 / 15:32	71° 39,966' N	61° 12,064' W	30.09.08 / 20:26
OBS 522	71° 30,081' N	61° 18,409' W	1703 m	26.09.08 / 14:25	71° 30,053' N	61° 17,666' W	30.09.08 / 21:10
OBS 521	71° 20,119' N	61° 24,099' W	1754 m	26.09.08 / 13:22	71° 20,269' N	61° 23,593' W	30.09.08 / 22:42
OBS 520	71° 10,149' N	61° 29,381' W	1793 m	26.09.08 / 12:15	71° 10,290' N	61° 29,280' W	01.10.08 / 00:06
OBS 519	71° 00,155' N	61° 35,010' W	1723 m	26.09.08 / 11:14	71° 00,482' N	61° 35,388' W	01.10.08 / 02:03
OBS 518	70° 50,135' N	61° 40,434' W	1691 m	26.09.08 / 10:13	70° 50,467' N	61° 40,348' W	01.10.08 / 03:25
OBS 517	70° 40,124' N	61° 45,812' W	1735 m	26.09.08 / 09:05	70° 40,252' N	61° 44,971' W	01.10.08 / 04:55
OBS 516	70° 30,105' N	61° 51,074' W	1769 m	26.09.08 / 07:56	70° 30,064' N	61° 50,108' W	01.10.08 / 06:21
OBS 515	70° 20,145' N	61° 56,221' W	1812 m	26.09.08 / 06:49	70° 19,828' N	61° 55,333' W	01.10.08 / 07:45
OBS 514	70° 10,182' N	62° 01,030' W	1901 m	26.09.08 / 05:45	70° 09,730' N	62° 00,478' W	01.10.08 / 09:11
OBS 513	70° 00,071' N	62° 06,037' W	1970 m	26.09.08 / 04:38	69° 59,689' N	62° 05,822' W	01.10.08 / 10:26
OBS 512	69° 50,165' N	62° 11,046' W	2002 m	26.09.08 / 03:38	69° 49,982' N	62° 11,099' W	01.10.08 / 11:42
OBS 511	69° 40,151' N	62° 15,737' W	1998 m	26.09.08 / 02:29	69° 40,160' N	62° 15,865' W	01.10.08 / 13:00
OBS 510	69° 30,183' N	62° 20,757' W	1973 m	26.09.08 / 01:23	69° 30,355' N	62° 21,177' W	01.10.08 / 14:24
OBS 509	69° 20,133' N	62° 25,134' W	1958 m	26.09.08 / 00:19	69° 20,342' N	62° 25,112' W	01.10.08 / 15:44
OBS 508	69° 10,106' N	62° 29,695' W	1940 m	25.09.08 / 23:08	69° 10,282' N	62° 29,762' W	01.10.08 / 17:09
OBS 507	69° 00,129' N	62° 34,272' W	1909 m	25.09.08 / 22:14	69° 00,340' N	62° 34,510' W	01.10.08 / 18:33
OBS 506	68° 50,082' N	62° 38,779' W	1861 m	25.09.08 / 21:17	68° 50,311' N	62° 38,928' W	01.10.08 / 19:53
OBS 505	68° 40,082' N	62° 43,123' W	1800 m	25.09.08 / 20:24	68° 40,090' N	62° 43,110' W	01.10.08 / 21:06
OBS 504	68° 30,056' N	62° 47,399' W	1702 m	25.09.08 / 19:35	68° 30,029' N	62° 47,289' W	01.10.08 / 22:21
OBS 503	68° 20,087' N	62° 51,511' W	1561 m	25.09.08 / 18:47	68° 20,087' N	62° 51,920' W	02.10.08 / 23:32
OBS 502	68° 10,038' N	62° 55,749' W	1385 m	25.09.08 / 17:55	68° 10,035' N	62° 55,527' W	02.10.08 / 00:43
OBS 501	67° 59,972' N	62° 59,953' W	1033 m	25.09.08 / 17:03	67° 59,842' N	62° 59,710' W	02.10.08 / 01:55

OBS Station List, Profile AWI-20080600

Station	Deployment				Recovery		
	Lat	Lon	Depth	Date/Time	Lat	Lon	Date/Time
OBS 601	69°59,952' N	65°43,606' W	243 m	11.10.08//09:38	69°59,890' N	65°43,881' W	16.10.08//13:45
OBS 602	69°55,155' N	65°18,253' W	600 m	11.10.08//08:20	69°55,054' N	65°17,996' W	16.10.08//12:40
OBS 603	69°50,290' N	64°53,111' W	1044 m	11.10.08//07:00	69°50,167' N	64°52,941' W	16.10.08//11:41
OBS 604	69°45,361' N	64°28,313' W	1799 m	11.10.08//05:48	69°45,183' N	64°28,313' W	16.10.08//10:35
OBS 605	69°40,329' N	64°03,458' W	1939 m	11.10.08//04:32	69°40,179' N	64°02,949' W	16.10.08//09:15
OBS 606	69°35,297' N	63°39,078' W	1958 m	11.10.08//03:06	69°35,187' N	63°38,125' W	16.10.08//08:02
OBS 607	69°30,145' N	63°14,564' W	1973 m	11.10.08//01:59	69°29,979' N	63°14,182' W	16.10.08//06:45
OBS 608	69°25,062' N	62°50,466' W	1987 m	11.10.08//00:56	69°24,980' N	62°50,239' W	16.10.08//05:33
OBS 609	69°19,782' N	62°26,453' W	1954 m	10.10.08//23:51	69°19,782' N	62°26,481' W	16.10.08//04:17
OBS 610	69°14,455' N	62°02,862' W	1930 m	10.10.08//22:56	69°14,545' N	62°02,862' W	16.10.08//03:07
OBS 611	69°09,161' N	61°39,408' W	1906 m	10.10.08//22:02	69°09,285' N	61°39,678' W	16.10.08//01:44
OBS 612	69°03,749' N	61°16,102' W	1863 m	10.10.08//21:11	69°03,886' N	60°16,441' W	16.10.08//00:15
OBS 613	68°58,384' N	60°52,703' W	1777 m	10.10.08//20:18	68°58,340' N	60°52,693' W	15.10.08//22:54
OBS 614	68°52,860' N	60°29,812' W	1703 m	10.10.08//19:26	68°52,696' N	60°29,602' W	15.10.08//21:33
OBS 615	68°47,297' N	60°06,958' W	1571 m	10.10.08//18:32	68°47,149' N	60°06,600' W	15.10.08//20:10
OBS 616	68°41,787' N	59°44,416' W	1271 m	10.10.08//17:02	68°41,604' N	59°43,655' W	15.10.08//18:48
OBS 617	68°36,146' N	59°22,070' W	575 m	10.10.08//16:07	68°36,128' N	59°21,735' W	15.10.08//17:33
OBS 618	68°30,457' N	58°59,862' W	315 m	10.10.08//15:14	68°30,464' N	58°59,800' W	15.10.08//16:30
OBS 619	68°24,448' N	58°37,907' W	343 m	10.10.08//14:16	68°24,432' N	58°37,678' W	15.10.08//15:23
OBS 620	68°18,875' N	58°15,877' W	313 m	10.10.08//13:15	68°19,008' N	58°16,059' W	15.10.08//14:20
OBS 621	68°13,100' N	57°54,078' W	425 m	10.10.08//12:16	68°13,205' N	57°54,237' W	15.10.08//13:18
OBS 622	68°07,193' N	57°32,686' W	383 m	10.10.08//11:17	68°07,196' N	57°32,429' W	15.10.08//12:12
OBS 623	68°01,271' N	57°11,410' W	293 m	10.10.08//10:19	68°01,350' N	57°11,232' W	15.10.08//11:03
OBS 624	67°55,267' N	56°50,295' W	220 m	10.10.08//09:22	67°55,338' N	56°50,259' W	15.10.08//10:02
OBS 625	67°49,253' N	56°29,324' W	173 m	10.10.08//08:29	67°49,253' N	56°29,324' W	15.10.08//08:58

OBS Station List, Profile AWI-20080700

Station	Deployment				Recovery		
	Lat	Lon	Depth	Date/Time	Lat	Lon	Date/Time
OBS 701	65°58,223' N	61°19,575' W	187 m	17.10.08//23:06	65°58,264' N	61°19,396' W	19.10.08//13:41
OBS 702	65°56,463' N	60°54,234' W	360 m	18.10.08//00:01	65°56,578' N	60°54,114' W	19.10.08//14:47
OBS 703	65°54,757' N	60°28,866' W	375 m	18.10.08//00:55	65°55,051' N	60°28,504' W	19.10.08//15:53
OBS 704	65°52,989' N	60°03,420' W	500 m	18.10.08//01:52	65°53,214' N	60°03,181' W	19.10.08//16:57
OBS 705	65°51,271' N	59°37,958' W	597 m	18.10.08//02:47	65°51,534' N	59°37,497' W	19.10.08//18:08
OBS 706	65°49,522' N	59°12,650' W	570 m	18.10.08//03:40	65°49,647' N	59°12,401' W	19.10.08//19:18
OBS 707	65°47,821' N	58°47,182' W	198 m	18.10.08//04:31	65°47,866' N	58°46,763' W	19.10.08//20:26
OBS 708	65°46,027' N	58°21,670' W	518 m	18.10.08//05:23	65°45,831' N	58°21,388' W	19.10.08//21:36
OBS 709	65°44,311' N	57°56,618' W	539 m	18.10.08//06:17	65°44,008' N	57°56,281' W	19.10.08//22:51
OBS 710	65°42,581' N	57°31,239' W	608 m	18.10.08//07:13	65°42,227' N	57°30,932' W	20.10.08//00:07
OBS 711	65°40,772' N	57°05,640' W	653 m	18.10.08//08:08	65°40,578' N	57°05,523' W	20.10.08//01:21
OBS 712	65°39,051' N	56°40,446' W	661 m	18.10.08//09:03	65°39,044' N	56°40,766' W	20.10.08//02:27