

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/234-1	02.06.03	11:53	48° 41.61' N	6° 20.64' W	123.0	S 6	300.6	7.2	Calibration	CAL	start	Test Magnetik Drehkreis 1	
PS64/234-1	02.06.03	13:45	48° 42.00' N	6° 21.39' W	122.0	S 7	338.9	7.2	Calibration	CAL	End		
PS64/235-1	03.06.03	08:52	50° 34.89' N	11° 25.77' W	1678.0	WNW 4	286.9	0.7	CTD	CTD	surface		
PS64/235-1	03.06.03	09:23	50° 34.97' N	11° 26.01' W	1683.0	W 4	314.4	0.3	CTD	CTD	at depth	1506 m	
PS64/235-1	03.06.03	09:45	50° 35.05' N	11° 26.21' W	1692.0	W 4	327.5	0.6	CTD	CTD	on deck		
PS64/235-2	03.06.03	10:01	50° 35.12' N	11° 26.31' W	1697.0	W 6	312.9	0.3	Posidonia	POS	Transponder in the water	for calibration of Posidonia	
PS64/235-2	03.06.03	10:05	50° 35.13' N	11° 26.34' W	1698.0	W 6	343.0	0.3	Posidonia	POS	Transponder slipped		
PS64/235-2	03.06.03	10:19	50° 35.20' N	11° 26.46' W	1704.0	W 5	315.9	0.4	Posidonia	POS	Information	Transponder antwortet 1st circle over Stb-side	
PS64/235-2	03.06.03	11:39	50° 35.23' N	11° 26.39' W	1702.0	WSW 6	277.5	4.1	Posidonia	POS	Begin		
PS64/235-2	03.06.03	14:09	50° 35.05' N	11° 26.43' W	1696.0	WSW 8	177.5	2.1	Posidonia	POS	release		
PS64/235-2	03.06.03	14:41	50° 35.33' N	11° 26.39' W	1705.0	SW 10	61.5	0.8	Posidonia	POS	End	5 Benthos und Transponder an Deck	
PS64/235-3	03.06.03	15:11	50° 34.93' N	11° 25.81' W	1676.0	SW 9	293.8	0.6	Multi corer	MUC	surface		
PS64/235-3	03.06.03	15:13	50° 34.93' N	11° 25.83' W	1680.0	SW 10	298.2	0.4	Multi corer	MUC	information	wieder an Deck	
PS64/235-3	03.06.03	15:23	50° 34.97' N	11° 25.88' W	1680.0	SW 8	324.4	0.3	Multi corer	MUC	surface		
PS64/235-3	03.06.03	15:59	50° 35.09' N	11° 25.92' W	1686.0	SW 8	15.4	0.3	Multi corer	MUC	at sea bottom	GE72.1 1690 m ausgesteckt	
PS64/235-3	03.06.03	16:35	50° 35.26' N	11° 25.95' W	1686.0	SW 8	221.3	0.0	Multi corer	MUC	on deck		
PS64/236-1	03.06.03	18:00	50° 46.12' N	11° 24.28' W	1034.0	SW 9	140.5	0.6	Multi corer	MUC	surface		
PS64/236-1	03.06.03	18:25	50° 46.08' N	11° 24.02' W	1021.0	SW 8	122.3	0.6	Multi corer	MUC	at sea bottom	1023m auagesteckt	
PS64/236-1	03.06.03	18:49	50° 45.95' N	11° 23.87' W	1021.0	SW 9	172.7	0.4	Multi corer	MUC	on deck		
PS64/237-1	03.06.03	19:46	50° 44.94' N	11° 12.26' W	465.2	SSW 8	280.4	6.8	HydroSweep/F HS_PS		start track		
PS64/237-1	03.06.03	21:14	50° 43.05' N	11° 31.81' W	1667.0	SSW 7	264.4	8.6	HydroSweep/F HS_PS		alter course		
PS64/237-1	03.06.03	22:44	50° 44.00' N	11° 11.86' W	866.7	SSW 7	83.8	9.0	HydroSweep/F HS_PS		alter course		
PS64/237-1	04.06.03	00:14	50° 40.78' N	11° 29.24' W	1600.0	S 7	196.1	7.0	HydroSweep/F HS_PS		alter course		
PS64/237-1	04.06.03	01:20	50° 31.94' N	11° 26.36' W	1418.0	SSW 8	172.5	8.1	HydroSweep/F HS_PS		alter course		
PS64/237-1	04.06.03	01:30	50° 31.97' N	11° 28.24' W	1471.0	S 6	284.1	9.3	HydroSweep/F HS_PS		alter course		
PS64/237-1	04.06.03	03:07	50° 46.79' N	11° 32.92' W	1529.0	SSW 7	351.4	9.6	HydroSweep/F HS_PS		alter course		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/237-1	04.06.03	03:21	50° 47.47' N	11° 30.82' W	1418.0	SSW 8	158.8	7.7	HydroSweep/F	HS_PS	alter course		
PS64/237-1	04.06.03	03:56	50° 42.43' N	11° 29.07' W	1747.0	SSW 8	161.2	9.1	HydroSweep/F	HS_PS	profile end		
PS64/238-1	04.06.03	04:31	50° 42.14' N	11° 29.04' W	1751.0	SSW 8	115.7	0.4	Remote opera	ROV	surface	Victor 6000	
PS64/238-1	04.06.03	04:47	50° 42.12' N	11° 29.06' W	1752.0	SSW 6	210.9	0.0	Remote opera	ROV	Depressor into water		
PS64/238-1	04.06.03	07:10	50° 42.23' N	11° 28.74' W	1736.8	SSW 8	2.4	1.4	Remote opera	ROV	at depth	Turning to start profile track Track aborted due to	
PS64/238-1	04.06.03	11:06	50° 42.28' N	11° 26.26' W	1654.0	SW 7	102.9	0.2	Remote opera	ROV	coming back to the surface	problems with VICTOR	
PS64/238-1	04.06.03	12:14	50° 41.76' N	11° 25.93' W	1583.0	WSW 8	176.2	0.5	Remote opera	ROV	coming back to the surface	Depressor ist aufgetaucht	
PS64/238-1	04.06.03	12:27	50° 41.62' N	11° 25.96' W	1479.6	SW 7	180.6	0.9	Remote opera	ROV	coming back to the surface	Victor aufgetaucht	
PS64/238-1	04.06.03	12:33	50° 41.55' N	11° 25.98' W	1434.8	SW 7	189.9	0.8	Remote opera	ROV	Depressor on deck		
PS64/238-1	04.06.03	13:07	50° 41.25' N	11° 25.99' W	1412.5	WSW 8	98.4	0.3	Remote opera	ROV	on deck		
PS64/239-1	04.06.03	14:38	50° 53.37' N	11° 24.56' W	1192.0	WSW 8	99.9	0.3	Multi corer	MUC	surface		
PS64/239-1	04.06.03	15:08	50° 53.28' N	11° 24.64' W	1160.0	SW 7	245.1	0.3	Multi corer	MUC	at sea bottom	1171 m	
PS64/239-1	04.06.03	15:36	50° 53.29' N	11° 24.78' W	1180.0	SW 8	240.8	0.4	Multi corer	MUC	on deck		
PS64/240-1	04.06.03	16:10	50° 53.32' N	11° 28.99' W	1349.0	WSW 8	221.9	0.5	Multi corer	MUC	surface		
PS64/240-1	04.06.03	16:41	50° 53.30' N	11° 28.95' W	1350.0	SW 7	289.6	0.4	Multi corer	MUC	at sea bottom	GE72.1 1349 m ausgesteckt	
PS64/240-1	04.06.03	17:15	50° 53.31' N	11° 29.03' W	1351.0	SW 8	352.6	0.3	Multi corer	MUC	on deck		
PS64/241-1	04.06.03	18:52	50° 42.46' N	11° 27.02' W	1704.0	SW 8	244.8	0.2	Remote opera	ROV	surface	Victor 6000	
PS64/241-1	04.06.03	19:02	50° 42.45' N	11° 27.05' W	1703.0	SW 8	256.3	0.1	Remote opera	ROV	Depressor into water		
PS64/241-1	04.06.03	20:51	50° 42.48' N	11° 27.06' W	1703.0	SW 7	289.1	0.3	Remote opera	ROV	at depth	turning onto track	
PS64/241-1	04.06.03	21:40	50° 42.30' N	11° 26.54' W	1688.0	SW 10	75.4	0.6	Remote opera	ROV	Information	Vessel stopped for VICTOR-Grid	
PS64/241-1	05.06.03	04:00	50° 42.54' N	11° 22.72' W	1531.0	SSW 11	345.2	0.1	Remote opera	ROV	Information	Vessel stopped for VICTOR-Grid	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/241-1	05.06.03	05:15	50° 42.45' N	11° 22.72' W	1533.0	SSW 12	139.7	0.5	Remote opera	ROV	Information	Continue with track	
PS64/241-1	05.06.03	07:20	50° 42.52' N	11° 19.44' W	1355.0	S 13	213.6	0.2	Remote opera	ROV	Information	Vessel stopped for VICTOR-Grid	
PS64/241-1	05.06.03	10:16	50° 42.74' N	11° 18.39' W	1313.0	S 15	35.7	0.8	Remote opera	ROV	Information	aborted track due to development of coming back to the surface situation	
PS64/241-1	05.06.03	11:01	50° 42.62' N	11° 17.96' W	1300.0	S 16	158.6	0.6	Remote opera	ROV	Information	coming back to the surface Depressor surfaced	
PS64/241-1	05.06.03	11:05	50° 42.59' N	11° 17.93' W	1294.0	S 16	237.6	0.2	Remote opera	ROV	Information	coming back to the surface VICTOR surfaced	
PS64/241-1	05.06.03	11:09	50° 42.57' N	11° 17.90' W	1289.0	S 15	111.1	0.5	Remote opera	ROV	Information	Depressor on deck	
PS64/241-1	05.06.03	11:45	50° 42.96' N	11° 17.14' W	1186.0	S 16	63.2	2.5	Remote opera	ROV	Information	on deck	
PS64/242-1	05.06.03	13:09	50° 43.96' N	11° 15.68' W	1090.0	S 16	322.3	0.4	Multi corer	MUC	Information	surface	
PS64/242-1	05.06.03	13:34	50° 43.99' N	11° 15.69' W	1092.0	S 16	181.8	0.2	Multi corer	MUC	Information	at sea bottom 1100 m	
PS64/242-1	05.06.03	14:07	50° 43.84' N	11° 15.66' W	1078.0	S 16	221.7	0.9	Multi corer	MUC	Information	on deck	
PS64/243-1	05.06.03	14:43	50° 42.64' N	11° 19.33' W	1351.0	S 16	101.1	0.4	Multi corer	MUC	Information	surface	
PS64/243-1	05.06.03	15:09	50° 42.62' N	11° 19.24' W	1341.0	S 16	266.9	0.7	Multi corer	MUC	Information	at sea bottom 1351 m	
PS64/243-1	05.06.03	15:43	50° 42.54' N	11° 19.21' W	1342.0	SSW 14	172.1	0.5	Multi corer	MUC	Information	on deck	
PS64/244-1	05.06.03	16:14	50° 42.58' N	11° 22.53' W	1530.0	SSW 14	63.9	1.0	Multi corer	MUC	Information	surface	
PS64/244-1	05.06.03	16:44	50° 42.45' N	11° 22.32' W	1522.0	SW 14	155.8	0.4	Multi corer	MUC	Information	at sea bottom GE72.1 1529 m ausgesteckt	
PS64/244-1	05.06.03	17:16	50° 42.22' N	11° 22.11' W	1480.0	SW 12	158.6	0.2	Multi corer	MUC	Information	on deck	
PS64/245-1	05.06.03	17:50	50° 42.20' N	11° 26.15' W	1677.0	WSW 11	24.9	0.3	Multi corer	MUC	Information	surface	
PS64/245-1	05.06.03	18:26	50° 42.17' N	11° 26.07' W	1674.0	WSW 10	98.5	0.2	Multi corer	MUC	Information	at sea bottom GE72.1 1670 m ausgesteckt	
PS64/245-1	05.06.03	19:02	50° 42.03' N	11° 26.08' W	1669.0	SW 9	114.7	0.5	Multi corer	MUC	Information	on deck	
PS64/246-1	05.06.03	19:23	50° 42.35' N	11° 28.16' W	1728.0	SW 11	356.6	0.4	Multi corer	MUC	Information	surface	
PS64/246-1	05.06.03	19:27	50° 42.37' N	11° 28.13' W	1729.0	SW 10	52.6	0.7	Multi corer	MUC	Information	information Back on deck for camera adjust	
PS64/246-1	05.06.03	19:32	50° 42.37' N	11° 28.10' W	1728.0	SW 10	110.7	0.3	Multi corer	MUC	Information	surface	
PS64/246-1	05.06.03	20:07	50° 42.32' N	11° 28.13' W	1730.0	SW 9	49.9	0.6	Multi corer	MUC	Information	at sea bottom 1735 m	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/246-1	05.06.03	20:48	50° 42.21' N	11° 27.93' W	1727.0	SW 9	168.9	0.5	Multi corer	MUC	on deck		
PS64/247-1	05.06.03	21:15	50° 42.32' N	11° 24.01' W	1598.0	SSW 9	93.3	0.3	Multi corer	MUC	surface		
PS64/247-1	05.06.03	21:49	50° 42.15' N	11° 24.10' W	1603.0	SSW 8	225.7	0.4	Multi corer	MUC	at sea bottom	1611 m	
PS64/247-1	05.06.03	22:25	50° 41.99' N	11° 24.24' W	1593.0	SSW 8	214.0	0.5	Multi corer	MUC	on deck		
PS64/248-1	05.06.03	22:54	50° 42.60' N	11° 21.11' W	1479.0	SSW 8	186.7	0.9	Multi corer	MUC	surface		
PS64/248-1	05.06.03	23:33	50° 42.46' N	11° 21.07' W	1479.0	SSW 9	95.0	0.3	Multi corer	MUC	at sea bottom	1486 m	
PS64/248-1	06.06.03	00:06	50° 42.44' N	11° 21.20' W	1486.0	S 9	237.6	0.3	Multi corer	MUC	on deck		
PS64/249-1	06.06.03	00:38	50° 43.82' N	11° 17.43' W	1182.0	S 9	54.1	0.1	Multi corer	MUC	surface		
PS64/249-1	06.06.03	01:05	50° 43.78' N	11° 17.54' W	1191.0	S 9	224.8	0.6	Multi corer	MUC	at sea bottom	1185 m	
PS64/249-1	06.06.03	01:33	50° 43.65' N	11° 17.74' W	1212.0	SSW 9	205.9	0.3	Multi corer	MUC	on deck		
PS64/250-1	06.06.03	04:57	51° 10.27' N	11° 47.09' W	1589.0	WSW 10	321.6	0.2	Multi corer	MUC	surface		
PS64/250-1	06.06.03	05:29	51° 10.40' N	11° 47.09' W	1536.0	WSW 10	178.1	0.2	Multi corer	MUC	at sea bottom	GE72.1 1527 m ausgesteckt	
PS64/250-1	06.06.03	06:04	51° 10.35' N	11° 47.15' W	1577.0	SW 9	326.8	0.5	Multi corer	MUC	on deck		
PS64/251-1	06.06.03	06:45	51° 12.16' N	11° 40.75' W	1016.0	SW 10	202.8	0.3	Multi corer	MUC	surface		
PS64/251-1	06.06.03	07:08	51° 12.11' N	11° 40.78' W	1017.0	SW 9	3.2	0.4	Multi corer	MUC	at sea bottom	GE72.1 1014 m ausgesteckt	
PS64/251-1	06.06.03	07:33	51° 12.14' N	11° 40.77' W	1016.0	SW 10	56.9	0.4	Multi corer	MUC	on deck		
PS64/252-1	06.06.03	08:09	51° 11.20' N	11° 34.85' W	724.0	SW 9	11.7	0.2	Multi corer	MUC	surface		
PS64/252-1	06.06.03	08:28	51° 11.16' N	11° 34.88' W	723.3	SW 8	129.4	0.4	Multi corer	MUC	at sea bottom	726 m	
PS64/252-1	06.06.03	08:44	51° 11.15' N	11° 34.78' W	716.3	WSW 10	69.9	0.8	Multi corer	MUC	on deck		
PS64/253-1	06.06.03	11:00	51° 26.24' N	11° 45.32' W	934.2	SW 8	320.4	0.3	Remote opera	ROV	surface	VICTOR 6000	
PS64/253-1	06.06.03	11:12	51° 26.28' N	11° 45.36' W	934.8	SSW 8	281.8	0.5	Remote opera	ROV	Depressor into water		
PS64/253-1	06.06.03	13:05	51° 26.24' N	11° 45.50' W	950.5	SSW 10	79.8	0.3	Remote opera	ROV	Information	Start Profil End of first track 10min Stop for calibration	
PS64/253-1	06.06.03	14:06	51° 25.71' N	11° 45.86' W	961.1	SSW 12	236.7	1.1	Remote opera	ROV	Information		
PS64/253-1	06.06.03	15:30	51° 26.34' N	11° 45.39' W	926.9	S 14	168.4	1.0	Remote opera	ROV	Information	drehen wieder auf ssw-liche Kurse	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/253-1	06.06.03	17:10	51° 26.04' N	11° 45.40' W	941.5	S 16	279.8	1.0	Remote opera	ROV	Information	Bathymetric survey suspended due to wind
PS64/253-1	07.06.03	01:00	51° 26.15' N	11° 45.34' W	942.9	SW 11	210.8	0.1	Remote opera	ROV	Information	resume bathy survey
PS64/253-1	07.06.03	03:00	51° 25.56' N	11° 45.56' W	973.5	SW 9	64.0	0.3	Remote opera	ROV	Information	NNE-liche Kurse
PS64/253-1	07.06.03	04:01	51° 26.13' N	11° 45.09' W	939.7	WSW 9	291.1	0.6	Remote opera	ROV	Information	drehen auf SSW-Kurs
PS64/253-1	07.06.03	04:51	51° 25.61' N	11° 45.63' W	965.4	SW 9	179.7	0.9	Remote opera	ROV	Information	Turning to NE-course
PS64/253-1	07.06.03	05:43	51° 26.11' N	11° 45.23' W	940.5	SW 8	50.5	1.1	Remote opera	ROV	Information	Turning to SW-course
PS64/253-1	07.06.03	06:56	51° 25.67' N	11° 45.46' W	963.7	SW 7	337.1	0.5	Remote opera	ROV	Information	Turning to NE-course
PS64/253-1	07.06.03	07:50	51° 26.15' N	11° 45.06' W	939.4	SW 9	306.2	0.4	Remote opera	ROV	Information	Turning to SW-course
PS64/253-1	07.06.03	09:14	51° 25.53' N	11° 45.38' W	977.7	SW 8	83.9	0.5	Remote opera	ROV	Information	turning to NE-course
PS64/253-1	07.06.03	10:39	51° 25.77' N	11° 45.26' W	959.1	SW 7	88.7	0.3	Remote opera	ROV	Information	turning to SW-course due to strong current
PS64/253-1	07.06.03	11:19	51° 25.45' N	11° 45.31' W	984.5	SSW 8	159.4	0.7	Remote opera	ROV	Information	turning to NE-course
PS64/253-1	07.06.03	13:14	51° 26.16' N	11° 44.92' W	937.7	SSW 8	236.4	0.9	Remote opera	ROV	Information	SSW-liche Kurse
PS64/253-1	07.06.03	15:11	51° 26.11' N	11° 44.83' W	939.4	SW 10	86.3	1.3	Remote opera	ROV	Information	Kurs 200 °
PS64/253-1	07.06.03	16:34	51° 25.70' N	11° 45.56' W	955.1	WSW 9	12.8	0.5	Remote opera	ROV	Information	Start Video-Track
PS64/253-1	07.06.03	17:25	51° 26.21' N	11° 45.25' W	936.8	SW 10	6.4	0.7	Remote opera	ROV	Information	End of Video-Track
PS64/253-1	07.06.03	18:25	51° 27.05' N	11° 45.15' W	802.1	SW 7	329.8	1.0	Remote opera	ROV	Information	Start Seamount survey
PS64/253-1	07.06.03	19:03	51° 27.03' N	11° 45.09' W	818.8	SSW 7	203.9	0.3	Remote opera	ROV	Information	coming back to the surface
PS64/253-1	07.06.03	19:34	51° 26.89' N	11° 45.36' W	911.0	SSW 7	233.0	0.5	Remote opera	ROV	Information	Depressor on deck
PS64/253-1	07.06.03	20:12	51° 27.06' N	11° 45.29' W	851.2	SSW 7	15.7	1.0	Remote opera	ROV	Information	on deck

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/254-1	07.06.03	20:48	51° 27.00' N	11° 45.03' W	848.0	SSW 6	88.8	0.3	Box corer	BC	surface		
PS64/254-1	07.06.03	21:05	51° 26.97' N	11° 45.00' W	856.1	SSW 7	65.4	0.3	Box corer	BC	at sea bottom	859 m	
PS64/254-1	07.06.03	21:24	51° 26.97' N	11° 45.05' W	848.2	S 6	240.8	0.7	Box corer	BC	on deck		
PS64/254-2	07.06.03	22:50	51° 27.15' N	11° 45.10' W	815.5	SSW 7	339.4	0.2	Box corer	BC	surface		
PS64/254-2	07.06.03	23:06	51° 27.14' N	11° 45.08' W	818.4	SSW 6	321.6	0.3	Box corer	BC	at sea bottom	852 m	
PS64/254-2	07.06.03	23:25	51° 27.15' N	11° 45.08' W	827.0	SSW 6	267.9	0.5	Box corer	BC	on deck		
PS64/254-3	07.06.03	23:51	51° 27.19' N	11° 45.11' W	839.4	S 6	88.4	0.5	Box corer	BC	surface		
PS64/254-3	08.06.03	00:08	51° 27.29' N	11° 45.04' W	873.0	S 5	118.0	0.4	Box corer	BC	at sea bottom	892 m	
PS64/254-3	08.06.03	00:28	51° 27.14' N	11° 44.98' W	848.5	S 6	143.9	0.4	Box corer	BC	on deck		
PS64/255-1	08.06.03	00:46	51° 26.82' N	11° 44.96' W	886.0	SSW 6	29.3	0.2	CTD - Seabird CTD-R		surface		
PS64/255-1	08.06.03	01:06	51° 26.79' N	11° 44.93' W	889.5	SSW 8	237.3	0.6	CTD - Seabird CTD-R		at depth	EL. 31 890 m	
PS64/255-1	08.06.03	01:23	51° 26.73' N	11° 44.98' W	889.1	SSW 9	106.4	0.8	CTD - Seabird CTD-R		on deck		
PS64/256-1	08.06.03	01:42	51° 27.51' N	11° 45.20' W	913.1	WSW 9	268.8	0.4	CTD - Seabird CTD-R		surface		
PS64/256-1	08.06.03	02:02	51° 27.48' N	11° 45.29' W	890.2	WSW 10	248.6	0.8	CTD - Seabird CTD-R		at depth	913 m	
PS64/256-1	08.06.03	02:19	51° 27.45' N	11° 45.36' W	885.1	SW 8	118.7	0.5	CTD - Seabird CTD-R		on deck		
PS64/257-1	08.06.03	02:30	51° 27.09' N	11° 45.10' W	799.5	SW 6	90.0	0.5	CTD - Seabird CTD-R		surface		
PS64/257-1	08.06.03	02:47	51° 27.08' N	11° 45.20' W	811.4	SW 4	219.3	0.0	CTD - Seabird CTD-R		at depth	797 m	
PS64/257-1	08.06.03	03:02	51° 27.09' N	11° 45.16' W	800.0	SSW 5	259.7	0.7	CTD - Seabird CTD-R		on deck		
PS64/257-2	08.06.03	03:18	51° 27.05' N	11° 45.16' W	797.8	SW 7	94.3	0.3	Box corer	BC	surface	Repetition of 254-3	
PS64/257-2	08.06.03	03:37	51° 27.08' N	11° 45.17' W	796.7	SW 6	329.2	0.4	Box corer	BC	at sea bottom	791 m	
PS64/257-2	08.06.03	03:54	51° 27.11' N	11° 45.14' W	800.8	SW 6	259.9	0.3	Box corer	BC	on deck		
PS64/258-1	08.06.03	04:14	51° 26.53' N	11° 44.65' W	909.5	SW 5	285.2	0.5	Box corer	BC	surface		
PS64/258-1	08.06.03	04:36	51° 26.53' N	11° 44.74' W	908.1	WSW 6	38.7	0.5	Box corer	BC	at sea bottom	GE52.2 914 m ausgesteckt	
PS64/258-1	08.06.03	04:56	51° 26.54' N	11° 44.82' W	906.1	WSW 6	243.2	0.0	Box corer	BC	on deck		
PS64/259-1	08.06.03	05:24	51° 25.92' N	11° 45.33' W	941.9	WSW 6	143.9	0.1	Box corer	BC	surface		
PS64/259-1	08.06.03	05:42	51° 25.90' N	11° 45.39' W	942.9	WSW 6	86.9	0.3	Box corer	BC	at sea bottom	GE52.2 942 m ausgesteckt	
PS64/259-1	08.06.03	06:03	51° 25.89' N	11° 45.31' W	945.7	WSW 5	95.2	0.3	Box corer	BC	on deck		
PS64/260-1	08.06.03	06:45	51° 27.04' N	11° 44.53' W	919.1	W 7	254.8	0.5	Mooring (year) MOORY		surface	Current meter package into water	
PS64/260-1	08.06.03	07:04	51° 27.07' N	11° 44.51' W	922.2	WSW 4	26.8	0.2	Mooring (year) MOORY		action	Current meter package released	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/260-1	08.06.03	07:25	51° 27.08' N	11° 44.59' W	916.4	WSW 4	160.7	0.2	Mooring (year)	MOORY	action	Current meter package back on deck, not released
PS64/260-1	08.06.03	07:47	51° 27.07' N	11° 44.58' W	919.0	WSW 4	258.3	0.3	Mooring (year)	MOORY	action	Current meter package into water again
PS64/260-1	08.06.03	08:06	51° 27.07' N	11° 44.58' W	916.7	W 6	213.2	0.4	Mooring (year)	MOORY	action	Current meter package released
PS64/260-1	08.06.03	08:24	51° 26.97' N	11° 44.62' W	909.5	W 7	218.9	0.8	Mooring (year)	MOORY	on deck	
PS64/261-1	08.06.03	08:51	51° 27.09' N	11° 45.20' W	804.0	W 7	268.1	0.5	Bottom lander	LANDER	surface	SAMS-Photo Lander
PS64/261-1	08.06.03	08:54	51° 27.09' N	11° 45.21' W	808.7	WSW 6	181.2	0.3	Bottom lander	LANDER	surface	Current Meter & 11 m rope
PS64/261-1	08.06.03	09:18	51° 27.06' N	11° 45.21' W	801.4	WSW 7	55.6	0.2	Bottom lander	LANDER	surface	Lead weights, buoyancy sphere with beacons, 18 m
PS64/261-1	08.06.03	10:19	51° 27.09' N	11° 45.12' W	750.1	W 6	274.7	0.2	Bottom lander	LANDER	Information	Pick up line lowered to 750m rope length
PS64/261-1	08.06.03	10:22	51° 27.10' N	11° 45.12' W	787.3	W 6	338.5	0.2	Bottom lander	LANDER	released	with Posidonia
PS64/261-1	08.06.03	10:27	51° 27.08' N	11° 45.09' W	765.5	W 6	252.4	0.4	Bottom lander	LANDER	Information	Hydrophone for controlling functions of Lander in the water
PS64/261-1	08.06.03	10:31	51° 27.08' N	11° 45.10' W	792.1	W 6	82.6	0.5	Bottom lander	LANDER	Information	Hydrophone on deck
PS64/261-1	08.06.03	10:37	51° 27.08' N	11° 45.09' W	762.9	W 6	108.6	0.4	Bottom lander	LANDER	Information	Releaser & Wire on deck
PS64/262-1	08.06.03	11:32	51° 26.84' N	11° 46.01' W	986.2	WSW 6	340.8	0.5	Remote opera	ROV	surface	VICTOR 6000
PS64/262-1	08.06.03	11:41	51° 26.86' N	11° 46.02' W	986.9	WSW 5	168.0	0.3	Remote opera	ROV	surface	Depressor
PS64/262-1	08.06.03	13:00	51° 26.83' N	11° 46.26' W	994.4	WSW 5	92.0	0.6	Remote opera	ROV	Information	Kurs auf Kurs Lander position

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/262-1	08.06.03	14:26	51° 27.11' N	11° 45.10' W	799.0	SW 6	92.4	0.9	Remote opera	ROV	Information	stopp 100m vor Landerposition
PS64/262-1	08.06.03	15:25	51° 27.09' N	11° 45.23' W	821.8	WSW 8	87.4	0.2	Remote opera	ROV	Information	Lander vom Victor in 51°27.085 N und 11°45.243 W gefunden
PS64/262-1	08.06.03	15:30	51° 27.09' N	11° 45.17' W	792.7	WSW 6	60.9	0.6	Remote opera	ROV	Information	laufen Kurs 93° & Distanz ~700 m Currentmeter Position
PS64/262-1	08.06.03	18:16	51° 26.71' N	11° 45.08' W	890.4	SW 6	77.4	0.6	Remote opera	ROV	Information	First current meter (N°7) deployed
PS64/262-1	08.06.03	20:22	51° 26.89' N	11° 45.17' W	848.1	S 8	253.1	0.4	Remote opera	ROV	Information	Deployed 2nd current meter
PS64/262-1	08.06.03	21:55	51° 27.03' N	11° 44.55' W	917.0	SSE 11	78.8	0.4	Remote opera	ROV	Information	decision to abort the VICTOR operations due to strong currents and developing bad weather situation
PS64/262-1	08.06.03	22:00	51° 27.03' N	11° 44.54' W	917.4	S 10	77.6	0.2	Remote opera	ROV	Information	coming back to the surface
PS64/262-1	08.06.03	22:30	51° 27.00' N	11° 44.53' W	918.5	SSE 9	143.2	0.7	Remote opera	ROV	Information	surface
PS64/262-1	08.06.03	22:39	51° 26.96' N	11° 44.26' W	914.5	SSE 10	113.0	0.3	Remote opera	ROV	Information	Depressor on deck
PS64/262-1	08.06.03	22:42	0° 0.00' N	0° 0.00' E	0.0	N 0	0.0	0.0	Remote opera	ROV	Information	on deck
PS64/263-1	08.06.03	23:56	51° 26.12' N	11° 44.23' W	930.1	SSE 12	109.0	1.1	Box corer	BC	Information	surface
PS64/263-1	09.06.03	00:14	51° 26.13' N	11° 43.97' W	921.8	SSE 13	127.6	1.0	Box corer	BC	Information	at sea bottom 930 m



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Abbreviatio	Action	Comment
						[m/s]	Course [°]	[kn]		n			
PS64/263-1	09.06.03	00:40	51° 26.03' N	11° 43.96' W	922.8	SSE 12	314.7	0.6	Box corer	BC	on deck		
PS64/263-1	09.06.03	00:56	51° 26.10' N	11° 44.22' W	927.8	SSE 12	237.1	0.1	Box corer	BC	surface		
PS64/263-1	09.06.03	01:14	51° 26.00' N	11° 44.33' W	933.9	SE 13	238.0	0.7	Box corer	BC	at sea bottom	943 m	
PS64/263-1	09.06.03	01:34	51° 25.90' N	11° 44.43' W	939.1	SSE 15	277.4	0.9	Box corer	BC	on deck		
PS64/263-2	09.06.03	01:56	51° 25.99' N	11° 44.56' W	942.1	SSE 14	106.6	0.6	Box corer	BC	surface		
PS64/263-2	09.06.03	02:14	51° 25.90' N	11° 44.62' W	944.2	SSE 15	253.0	0.2	Box corer	BC	at sea bottom	955 m	
PS64/263-2	09.06.03	02:36	51° 25.83' N	11° 44.76' W	949.5	SSE 16	36.5	0.5	Box corer	BC	on deck		
PS64/264-1	09.06.03	03:15	51° 27.54' N	11° 45.01' W	933.2	SSE 15	340.2	0.5	CTD - Seabird	CTD-R	surface		
PS64/264-1	09.06.03	03:35	51° 27.54' N	11° 45.05' W	929.1	SSE 18	187.6	0.3	CTD - Seabird	CTD-R	at depth	925 m	
PS64/264-1	09.06.03	03:53	51° 27.52' N	11° 44.99' W	926.7	SSE 16	48.8	0.6	CTD - Seabird	CTD-R	on deck		
PS64/265-1	09.06.03	04:08	51° 27.26' N	11° 45.21' W	819.1	SSE 15	65.4	0.3	CTD - Seabird	CTD-R	surface		
PS64/265-1	09.06.03	04:27	51° 27.22' N	11° 45.32' W	874.7	SSE 14	321.7	0.5	CTD - Seabird	CTD-R	at depth	EL31 863 m ausgesteckt	
PS64/265-1	09.06.03	04:43	51° 27.28' N	11° 45.27' W	841.5	SSE 14	259.8	0.2	CTD - Seabird	CTD-R	on deck		
PS64/266-1	09.06.03	05:02	51° 27.35' N	11° 45.18' W	847.8	SSE 15	358.1	0.4	CTD - Seabird	CTD-R	surface		
PS64/266-1	09.06.03	05:19	51° 27.38' N	11° 45.22' W	862.0	SSE 15	33.8	0.3	CTD - Seabird	CTD-R	at depth	EL31 862 m ausgesteckt	
PS64/266-1	09.06.03	05:34	51° 27.39' N	11° 45.20' W	871.5	SSE 14	235.7	1.0	CTD - Seabird	CTD-R	on deck		
PS64/267-1	09.06.03	05:55	51° 27.43' N	11° 45.15' W	896.7	SSE 16	282.9	0.7	CTD - Seabird	CTD-R	surface		
PS64/267-1	09.06.03	06:14	51° 27.46' N	11° 45.19' W	897.7	S 15	214.6	0.4	CTD - Seabird	CTD-R	at depth	EL31 898 m ausgesteckt	
PS64/267-1	09.06.03	06:30	51° 27.47' N	11° 45.23' W	896.1	S 14	17.6	0.9	CTD - Seabird	CTD-R	on deck		
PS64/268-1	09.06.03	06:48	51° 26.55' N	11° 45.51' W	896.5	S 15	330.7	0.6	CTD - Seabird	CTD-R	surface		
PS64/268-1	09.06.03	07:09	51° 26.56' N	11° 45.47' W	881.8	S 15	48.4	0.6	CTD - Seabird	CTD-R	at depth	EL31 928 m ausgesteckt	
PS64/268-1	09.06.03	07:25	51° 26.54' N	11° 45.50' W	885.2	S 15	76.1	0.4	CTD - Seabird	CTD-R	on deck		
PS64/269-1	09.06.03	07:50	51° 26.08' N	11° 45.86' W	931.1	S 14	49.3	0.7	CTD - Seabird	CTD-R	surface		
PS64/269-1	09.06.03	08:11	51° 26.12' N	11° 45.96' W	973.7	S 14	192.6	0.7	CTD - Seabird	CTD-R	at depth	994 m	
PS64/269-1	09.06.03	08:28	51° 26.14' N	11° 45.87' W	972.5	S 15	185.3	0.9	CTD - Seabird	CTD-R	on deck		
PS64/270-1	09.06.03	08:44	51° 26.00' N	11° 45.43' W	938.5	SSE 14	34.1	1.0	Box corer	BC	surface		
PS64/270-1	09.06.03	09:01	51° 25.96' N	11° 45.28' W	942.5	SSE 14	203.0	0.7	Box corer	BC	at sea bottom	951 m	
PS64/270-1	09.06.03	09:28	51° 26.04' N	11° 45.21' W	939.5	S 13	97.5	0.9	Box corer	BC	on deck		
PS64/271-1	09.06.03	10:10	51° 25.72' N	11° 46.26' W	879.8	SSE 14	60.7	0.9	Box corer	BC	surface		
PS64/271-1	09.06.03	10:29	51° 25.75' N	11° 46.18' W	899.7	S 13	116.9	0.4	Box corer	BC	at sea bottom	886 m	
PS64/271-1	09.06.03	10:55	51° 25.75' N	11° 46.12' W	924.8	S 11	189.3	0.9	Box corer	BC	on deck		
PS64/271-2	09.06.03	11:22	51° 25.77' N	11° 46.29' W	891.4	S 11	259.7	0.6	Box corer	BC	surface		
PS64/271-2	09.06.03	11:40	51° 25.76' N	11° 46.25' W	884.5	S 11	190.6	0.0	Box corer	BC	at sea bottom	901 m wire	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/271-2	09.06.03	12:00	51° 25.72' N	11° 46.37' W	919.2	S 10	357.9	0.4	Box corer	BC	on deck		
PS64/271-3	09.06.03	12:27	51° 25.81' N	11° 46.17' W	915.1	S 11	16.1	0.7	Box corer	BC	surface		
PS64/271-3	09.06.03	12:51	51° 25.76' N	11° 46.16' W	909.7	S 10	352.4	0.2	Box corer	BC	at sea bottom	915 m	
PS64/271-3	09.06.03	13:03	51° 25.70' N	11° 46.18' W	914.4	S 10	249.6	0.1	Box corer	BC	on deck		
PS64/272-1	09.06.03	13:50	51° 25.68' N	11° 46.37' W	900.7	S 9	164.8	0.2	CTD - Seabird	CTD-R	surface		
PS64/272-1	09.06.03	14:11	51° 25.72' N	11° 46.33' W	891.7	S 10	145.8	0.5	CTD - Seabird	CTD-R	at depth	915 m	
PS64/272-1	09.06.03	14:29	51° 25.80' N	11° 46.38' W	935.4	S 9	273.4	0.4	CTD - Seabird	CTD-R	on deck		
PS64/273-1	09.06.03	15:05	51° 26.35' N	11° 47.36' W	1034.0	S 9	195.2	1.4	Calibration	CAL	start	Fischlot	
PS64/273-1	09.06.03	15:21	51° 25.54' N	11° 46.94' W	1029.0	S 9	162.5	5.2	Calibration	CAL	Information	Drehen auf nördliche Kurse drehen auf ~ 64 °	
PS64/273-1	09.06.03	15:34	51° 25.86' N	11° 46.30' W	921.5	S 9	20.5	3.8	Calibration	CAL	Information		
PS64/273-1	09.06.03	15:43	51° 26.04' N	11° 45.65' W	944.4	S 9	90.7	2.5	Calibration	CAL	End		
PS64/274-1	09.06.03	16:23	51° 26.11' N	11° 45.76' W	956.2	S 9	238.1	0.6	Box corer	BC	surface		
PS64/274-1	09.06.03	16:45	51° 25.93' N	11° 45.79' W	928.9	S 10	244.3	0.3	Box corer	BC	at sea bottom	GE52.2 922 m ausgesteckt	
PS64/274-1	09.06.03	17:04	51° 25.79' N	11° 45.77' W	946.7	S 10	189.5	0.4	Box corer	BC	on deck		
PS64/275-1	09.06.03	17:23	51° 26.12' N	11° 45.64' W	957.1	S 8	355.0	4.0	Calibration	CAL	start	Fischlot	
PS64/275-1	09.06.03	19:40	51° 27.70' N	11° 41.91' W	734.0	S 8	138.1	3.2	Calibration	CAL	End		
PS64/276-1	09.06.03	19:53	51° 27.62' N	11° 41.94' W	718.3	S 7	337.1	0.3	Box corer	BC	surface		
PS64/276-1	09.06.03	20:14	51° 27.69' N	11° 41.98' W	742.5	S 8	115.3	0.6	Box corer	BC	at sea bottom	786 m	
PS64/276-1	09.06.03	20:31	51° 27.68' N	11° 41.81' W	702.7	S 8	352.7	1.2	Box corer	BC	on deck		
PS64/276-2	09.06.03	20:46	51° 27.71' N	11° 42.08' W	792.5	S 10	338.3	1.2	Box corer	BC	surface		
PS64/276-2	09.06.03	21:07	51° 27.69' N	11° 41.98' W	751.8	S 10	184.8	0.7	Box corer	BC	at sea bottom	782 m	
PS64/276-2	09.06.03	21:23	51° 27.68' N	11° 41.89' W	713.8	S 8	100.9	0.7	Box corer	BC	on deck		
PS64/276-3	09.06.03	21:40	51° 27.67' N	11° 41.97' W	737.8	S 9	3.3	0.6	Box corer	BC	surface		
PS64/276-3	09.06.03	21:59	51° 27.63' N	11° 41.91' W	704.3	S 9	147.9	0.5	Box corer	BC	at sea bottom	742 m wire	
PS64/276-3	09.06.03	22:16	51° 27.70' N	11° 41.80' W	715.5	S 10	48.9	0.8	Box corer	BC	on deck		
PS64/277-1	09.06.03	22:34	51° 27.68' N	11° 41.82' W	708.1	S 9	254.4	4.9	Calibration	CAL	start	Fishlot; (Acoustic Sunder) aborted for VICTOR- operations	
PS64/277-1	09.06.03	23:33	51° 23.74' N	11° 41.71' W	785.0	SSW 10	174.7	4.8	Calibration	CAL	End		
PS64/278-1	10.06.03	00:24	51° 22.53' N	11° 43.59' W	934.2	SSW 10	84.9	0.6	Remote opera	ROV	surface	Viktor 6000	
PS64/278-1	10.06.03	00:34	51° 22.52' N	11° 43.47' W	923.7	SSW 9	43.4	0.6	Remote opera	ROV	Depressor into water		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/278-1	10.06.03	01:40	51° 22.39' N	11° 44.13' W	992.2	SSW 10	332.8	0.8	Remote opera	ROV	at depth	Victor at bottom
PS64/278-1	10.06.03	02:00	51° 22.47' N	11° 44.10' W	988.2	SSW 10	272.7	0.6	Remote opera	ROV	Information	Kurs 41 ° ~ 1100m
PS64/278-1	10.06.03	05:05	51° 22.54' N	11° 41.04' W	716.0	SW 12	12.0	0.7	Remote opera	ROV	Information	Turning to NNW-course
PS64/278-1	10.06.03	06:48	51° 24.14' N	11° 41.97' W	818.2	WSW 10	255.8	0.5	Remote opera	ROV	Information	Stopping for Mound survey
PS64/278-1	10.06.03	07:41	51° 24.02' N	11° 41.89' W	770.0	SW 10	282.9	0.9	Remote opera	ROV	Information	Start proceeding to the NNW
PS64/278-1	10.06.03	08:00	51° 24.30' N	11° 41.92' W	816.7	SW 9	99.5	0.7	Remote opera	ROV	Information	Turning to E- course
PS64/278-1	10.06.03	08:38	51° 24.36' N	11° 41.36' W	664.0	SW 9	79.5	0.5	Remote opera	ROV	Information	stopping for survey
PS64/278-1	10.06.03	08:47	51° 24.38' N	11° 41.39' W	674.4	SW 9	140.9	1.1	Remote opera	ROV	Information	continue on track
PS64/278-1	10.06.03	08:57	51° 24.39' N	11° 41.21' W	632.7	SW 10	69.6	0.8	Remote opera	ROV	Information	stopping
PS64/278-1	10.06.03	09:19	51° 24.36' N	11° 41.14' W	641.3	SW 9	279.4	0.6	Remote opera	ROV	Information	continuing and turning onto NE- course
PS64/278-1	10.06.03	09:44	51° 24.51' N	11° 40.79' W	656.1	SW 9	55.6	0.3	Remote opera	ROV	Information	turning over port side to continue on NW-course
PS64/278-1	10.06.03	10:08	51° 24.70' N	11° 41.12' W	753.5	SW 9	314.8	0.9	Remote opera	ROV	Information	stopping for survey
PS64/278-1	10.06.03	10:27	51° 24.75' N	11° 41.14' W	755.3	SW 8	184.6	0.0	Remote opera	ROV	Information	continuing on track
PS64/278-1	10.06.03	11:43	51° 25.26' N	11° 42.04' W	776.4	SW 8	301.2	0.5	Remote opera	ROV	Information	stopping
PS64/278-1	10.06.03	11:50	51° 25.28' N	11° 42.08' W	774.4	SW 8	80.8	0.2	Remote opera	ROV	Information	Continuing on track
PS64/278-1	10.06.03	12:02	51° 25.33' N	11° 42.13' W	763.0	SW 8	149.9	0.2	Remote opera	ROV	Information	Stop for Observation
PS64/278-1	10.06.03	12:09	51° 25.33' N	11° 42.15' W	764.8	SW 8	108.6	0.3	Remote opera	ROV	Information	back to the track 313 °
PS64/278-1	10.06.03	12:27	51° 25.44' N	11° 42.41' W	744.1	SW 9	330.6	0.6	Remote opera	ROV	Information	stopp
PS64/278-1	10.06.03	12:58	51° 25.46' N	11° 42.47' W	776.4	SW 10	311.9	0.2	Remote opera	ROV	Information	go ahead course 312 °

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength	Speed	Gear		Action	Comment	
						[m/s]	Course [°]	[kn]	Gear			Abbreviation
PS64/278-1	10.06.03	13:17	51° 25.57' N	11° 42.65' W	816.1	W 8	242.5	0.0	Remote opera	ROV	Information	stopp
PS64/278-1	10.06.03	13:43	51° 25.58' N	11° 42.69' W	817.2	W 9	21.3	0.8	Remote opera	ROV	Information	go ahead 350 °
PS64/278-1	10.06.03	13:53	51° 25.68' N	11° 42.70' W	818.7	W 8	295.3	0.1	Remote opera	ROV	Information	stopp
PS64/278-1	10.06.03	14:11	51° 25.70' N	11° 42.74' W	818.8	W 9	9.6	0.7	Remote opera	ROV	Information	go ahead 52 °
PS64/278-1	10.06.03	14:31	51° 25.87' N	11° 42.50' W	814.5	WSW 9	69.2	0.5	Remote opera	ROV	Information	stopp
PS64/278-1	10.06.03	15:22	51° 25.94' N	11° 42.28' W	752.7	WSW 11	284.5	0.3	Remote opera	ROV	Information	go ahead 53 °
PS64/278-1	10.06.03	15:38	51° 26.05' N	11° 42.06' W	673.8	WSW 10	11.6	0.8	Remote opera	ROV	Information	0.3 kn
PS64/278-1	10.06.03	16:10	51° 26.08' N	11° 41.99' W	667.1	WSW 11	102.9	0.6	Remote opera	ROV	Information	stopp
PS64/278-1	10.06.03	16:55	51° 26.71' N	11° 42.24' W	774.7	WSW 11	24.8	0.9	Remote opera	ROV	Information	Turning to 350 degrees
PS64/278-1	10.06.03	17:38	51° 27.33' N	11° 41.42' W	744.1	WSW 11	282.7	1.0	Remote opera	ROV	Information	Turning to 045 degrees
PS64/278-1	10.06.03	18:40	51° 27.71' N	11° 42.62' W	866.1	WSW 11	195.9	0.9	Remote opera	ROV	Information	Turning to 300 degrees
PS64/278-1	10.06.03	19:34	51° 27.23' N	11° 43.32' W	899.7	WSW 11	196.8	1.0	Remote opera	ROV	Information	Turning to 220 degrees
PS64/278-1	10.06.03	20:18	51° 27.21' N	11° 44.13' W	896.7	WSW 10	50.9	0.1	Remote opera	ROV	Information	Turning to 270 degrees
PS64/278-1	10.06.03	20:22	51° 27.21' N	11° 44.03' W	872.1	WSW 10	61.9	1.6	Remote opera	ROV	Information	stopped for survey
PS64/278-1	10.06.03	20:59	51° 27.20' N	11° 44.38' W	923.7	WSW 10	263.6	1.4	Remote opera	ROV	Information	continuing on track
PS64/278-1	10.06.03	21:05	51° 27.14' N	11° 44.44' W	923.1	WSW 12	248.9	1.5	Remote opera	ROV	Information	turning S towards Current
PS64/278-1	10.06.03	21:31	51° 27.10' N	11° 44.46' W	924.1	WSW 10	281.3	0.8	Remote opera	ROV	Information	Metre depot
PS64/278-1	10.06.03	21:45	51° 27.10' N	11° 44.58' W	918.0	WSW 9	22.0	0.2	Remote opera	ROV	Information	stopping
PS64/278-1	10.06.03	21:45	51° 27.10' N	11° 44.58' W	918.0	WSW 9	22.0	0.2	Remote opera	ROV	Information	continuing to current metres
PS64/278-1	10.06.03	21:45	51° 27.10' N	11° 44.58' W	918.0	WSW 9	22.0	0.2	Remote opera	ROV	Information	stopping at Current-Metre depot

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/278-1	10.06.03	22:38	51° 27.03' N	11° 44.63' W	912.0	WSW 10	249.7	0.4	Remote opera	ROV	Information	Waiting on position for currents at ground to decrease to pick up Current Metres with VICTOR
PS64/278-1	11.06.03	02:35	51° 27.04' N	11° 44.60' W	912.2	SW 8	28.4	0.6	Remote opera	ROV	Information	Victor Start work on CM Position
PS64/278-1	11.06.03	03:18	51° 27.08' N	11° 44.65' W	912.8	SW 9	5.0	0.4	Remote opera	ROV	Information	Moving to CM 5 260 ° 800m
PS64/278-1	11.06.03	04:03	51° 26.96' N	11° 45.21' W	842.2	WSW 11	77.4	0.9	Remote opera	ROV	Information	Stop for Deployment CM 6
PS64/278-1	11.06.03	04:16	51° 27.07' N	11° 45.28' W	851.0	SW 11	103.2	0.2	Remote opera	ROV	Information	Current meter N°6 deployed
PS64/278-1	11.06.03	05:37	51° 27.11' N	11° 45.01' W	830.1	SW 8	228.6	0.0	Remote opera	ROV	Information	Current meter N°7 deployed
PS64/278-1	11.06.03	07:03	51° 27.42' N	11° 45.40' W	887.7	SW 9	281.0	0.7	Remote opera	ROV	Information	Current meter N°3 deployed
PS64/278-1	11.06.03	08:12	51° 27.08' N	11° 44.65' W	910.1	SSW 7	31.8	0.5	Remote opera	ROV	Information	picked up CM - moving to drop position
PS64/278-1	11.06.03	09:09	51° 27.00' N	11° 45.35' W	905.4	SW 9	46.7	0.4	Remote opera	ROV	Information	deployed Current Metre No 5
PS64/278-1	11.06.03	09:21	51° 27.02' N	11° 45.36' W	911.7	SW 8	281.6	0.8	Remote opera	ROV	Information	waiting in position while VICTOR is going to SAMS-Lander
PS64/278-1	11.06.03	09:50	51° 26.99' N	11° 45.34' W	906.5	SW 9	71.5	0.3	Remote opera	ROV	Information	proceeding to Current Metre Depot
PS64/278-1	11.06.03	10:42	51° 27.01' N	11° 44.66' W	907.0	SSW 8	171.1	1.6	Remote opera	ROV	Information	turning to NW
PS64/278-1	11.06.03	11:16	51° 27.30' N	11° 45.17' W	825.5	SSW 9	346.3	0.3	Remote opera	ROV	Information	stopping at CM-Pos No4
PS64/278-1	11.06.03	11:31	51° 27.30' N	11° 45.27' W	835.0	SSW 9	249.7	0.5	Remote opera	ROV	Information	Current Metre No 4 deployed

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Speed Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/278-1	11.06.03	11:36	51° 27.29' N	11° 45.28' W	838.5	SSW 9	275.4	0.9	Remote opera	ROV	coming back to the surface	start heaving VICTOR
PS64/278-1	11.06.03	12:23	51° 27.08' N	11° 45.41' W	926.7	SSW 8	110.1	0.9	Remote opera	ROV	coming back to the surface	VICTOR surfaced
PS64/278-1	11.06.03	12:27	51° 27.07' N	11° 45.36' W	904.2	SSW 9	187.3	0.4	Remote opera	ROV	Depressor on deck	
PS64/278-1	11.06.03	12:58	51° 26.94' N	11° 44.90' W	883.5	SSW 9	143.9	1.6	Remote opera	ROV	on deck	
												new position due to fishing nets on original pos.
PS64/279-1	11.06.03	23:32	52° 3.80' N	14° 18.03' W	294.5	SW 12	170.5	0.3	Box corer	BC	surface	
PS64/279-1	11.06.03	23:44	52° 3.70' N	14° 17.96' W	311.2	WSW 12	209.0	0.5	Box corer	BC	at sea bottom	GE52.2 321 m
PS64/279-1	11.06.03	23:54	52° 3.67' N	14° 17.87' W	324.0	WSW 10	196.0	0.4	Box corer	BC	on deck	
PS64/280-1	12.06.03	03:21	52° 36.69' N	14° 15.29' W	283.9	SW 14	348.4	0.6	Box corer	BC	surface	
PS64/280-1	12.06.03	03:30	52° 36.71' N	14° 15.31' W	280.9	SW 14	291.2	0.7	Box corer	BC	at sea bottom	
PS64/280-1	12.06.03	03:40	52° 36.73' N	14° 15.34' W	280.9	SW 15	356.2	0.2	Box corer	BC	on deck	
PS64/281-1	12.06.03	07:52	53° 4.67' N	14° 45.78' W	707.3	WSW 13	291.7	3.3	Fischereilotsur	FLS	Start Track	
PS64/281-1	12.06.03	08:40	53° 5.49' N	14° 49.97' W	817.8	WSW 14	280.8	3.1	Fischereilotsur	FLS	Course Change	to 259°
												turning to N and waiting due to fishing vessel on track
PS64/281-1	12.06.03	09:11	53° 5.31' N	14° 52.74' W	1027.0	WSW 14	312.9	2.7	Fischereilotsur	FLS	Information	
												back on track on position of 0900 UTC - proceeding with survey
PS64/281-1	12.06.03	09:33	53° 5.31' N	14° 51.82' W	982.4	WSW 15	202.8	2.6	Fischereilotsur	FLS	Information	
PS64/281-1	12.06.03	10:08	53° 4.92' N	14° 54.50' W	1115.4	WSW 14	280.6	1.9	Fischereilotsur	FLS	Course Change	to 347°
												stopping to let a fisher boat which is on track move out of the way
PS64/281-1	12.06.03	10:32	53° 6.23' N	14° 55.11' W	1083.0	WSW 13	43.2	2.4	Fischereilotsur	FLS	Information	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/281-1	12.06.03	11:02	53° 6.22' N	14° 55.32' W	1119.0	WSW 15	136.0	5.2	Fischereilotsur FLS	Information	tuning back onto survey track; course 075°		
PS64/281-1	12.06.03	11:06	53° 6.25' N	14° 54.76' W	987.4	WSW 13	40.2	4.4	Fischereilotsur FLS	Course Change	to 169°		
PS64/281-1	12.06.03	11:23	53° 5.45' N	14° 54.05' W	1083.0	WSW 16	157.8	3.1	Fischereilotsur FLS	Course Change	to 255°		
PS64/281-1	12.06.03	11:28	53° 5.33' N	14° 54.27' W	1093.0	SW 14	346.4	4.0	Fischereilotsur FLS	Information	to 342°		
PS64/281-1	12.06.03	11:55	53° 7.02' N	14° 55.19' W	1228.0	WSW 13	347.6	3.8	Fischereilotsur FLS	Course Change	to 032°		
PS64/281-1	12.06.03	13:09	53° 12.11' N	14° 51.73' W	1171.0	WSW 13	15.3	4.9	Fischereilotsur FLS	End of Track			
PS64/282-1	12.06.03	15:06	53° 5.16' N	14° 48.43' W	801.2	SW 12	39.8	0.6	Remote opera: ROV	surface	Viktor m6000		
PS64/282-1	12.06.03	15:14	53° 5.25' N	14° 48.34' W	796.8	SW 12	357.2	0.6	Remote opera: ROV	Depressor into water			
PS64/282-1	12.06.03	16:10	53° 5.29' N	14° 48.35' W	794.4	WSW 11	246.8	1.3	Remote opera: ROV	Information	Start survey		
PS64/282-1	12.06.03	20:58	53° 5.35' N	14° 51.66' W	972.5	W 9	354.9	0.2	Remote opera: ROV	Information	stopping		
PS64/282-1	12.06.03	21:12	53° 5.35' N	14° 51.67' W	971.1	WSW 10	277.8	0.9	Remote opera: ROV	Information	continuing on track		
PS64/282-1	12.06.03	23:20	53° 5.34' N	14° 54.37' W	1093.0	WSW 8	276.3	0.9	Remote opera: ROV	Information	altering course to NW		
PS64/282-1	12.06.03	23:25	53° 5.37' N	14° 54.46' W	1091.0	WSW 7	291.0	0.4	Remote opera: ROV	Information	turning to NNW courses		
PS64/282-1	13.06.03	00:17	53° 5.81' N	14° 54.73' W	1009.0	SW 7	22.7	0.5	Remote opera: ROV	Information	stopp		
PS64/282-1	13.06.03	01:04	53° 5.80' N	14° 54.82' W	1068.0	SW 6	56.1	0.3	Remote opera: ROV	Information	go ahead		
PS64/282-1	13.06.03	01:24	53° 5.99' N	14° 54.85' W	1029.0	SW 6	350.5	0.5	Remote opera: ROV	Information	stopp		
PS64/282-1	13.06.03	02:22	53° 5.96' N	14° 54.96' W	1066.0	SSW 5	56.2	0.4	Remote opera: ROV	Information	to north 0.5 kn		
PS64/282-1	13.06.03	02:42	53° 6.10' N	14° 54.86' W	962.2	SSW 6	161.0	0.4	Remote opera: ROV	Information	stopp		
PS64/282-1	13.06.03	02:48	53° 6.11' N	14° 54.86' W	959.2	SSW 7	352.8	0.2	Remote opera: ROV	Information	351°		
PS64/282-1	13.06.03	04:00	53° 6.21' N	14° 54.65' W	935.9	SSW 6	192.7	0.0	Remote opera: ROV	Information	stopp		
PS64/282-1	13.06.03	04:20	53° 6.19' N	14° 54.60' W	940.2	S 6	91.8	0.3	Remote opera: ROV	Information	Proceed on track		
PS64/282-1	13.06.03	06:45	53° 5.54' N	14° 54.35' W	1064.0	S 7	176.3	0.7	Remote opera: ROV	Information	Turning to WSW-course		
PS64/282-1	13.06.03	07:41	53° 5.46' N	14° 54.84' W	1098.0	SSE 8	312.4	1.0	Remote opera: ROV	Information	Turning to NNW-course		
PS64/282-1	13.06.03	09:10	53° 6.10' N	14° 55.18' W	1122.0	S 10	9.9	0.8	Remote opera: ROV	Information	stopping at WP 10 of track		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/282-1	13.06.03	09:42	53° 6.13' N	14° 55.19' W	1120.0	S 10	339.5	0.2	Remote opera	ROV	coming back to the surface	start ascending	
PS64/282-1	13.06.03	10:30	53° 5.85' N	14° 55.17' W	1158.0	S 10	195.7	0.3	Remote opera	ROV	coming back to the surface	depressor surfaced	
PS64/282-1	13.06.03	10:32	53° 5.84' N	14° 55.17' W	1158.0	S 11	192.8	0.2	Remote opera	ROV	coming back to the surface	VICTOR surfaced	
PS64/282-1	13.06.03	10:33	53° 5.84' N	14° 55.17' W	1158.0	S 11	127.1	0.3	Remote opera	ROV	Depressor on deck		
PS64/282-1	13.06.03	11:06	53° 5.79' N	14° 55.14' W	1153.0	S 10	114.6	0.3	Remote opera	ROV	on deck		
PS64/282-2	13.06.03	11:32	53° 5.93' N	14° 54.72' W	1017.0	S 10	187.8	0.0	Box corer	BC	surface		
PS64/282-2	13.06.03	11:52	53° 5.91' N	14° 54.71' W	1011.0	S 10	125.8	0.3	Box corer	BC	at sea bottom	GE 52.2 - 1021 m	
PS64/282-2	13.06.03	12:15	53° 5.91' N	14° 54.73' W	1018.0	S 10	198.6	0.0	Box corer	BC	on deck		
PS64/282-3	13.06.03	12:29	53° 5.91' N	14° 54.74' W	1021.0	S 11	0.2	0.2	Box corer	BC	surface		
PS64/282-3	13.06.03	12:49	53° 5.96' N	14° 54.72' W	1018.0	S 11	327.7	0.4	Box corer	BC	at sea bottom	1023 m	
PS64/282-3	13.06.03	13:10	53° 6.05' N	14° 54.68' W	984.2	S 10	335.0	0.2	Box corer	BC	on deck	nicht ausgelöst	
PS64/282-4	13.06.03	13:17	53° 5.87' N	14° 54.68' W	998.7	S 11	173.8	1.2	Box corer	BC	surface		
PS64/282-4	13.06.03	13:38	53° 5.88' N	14° 54.66' W	1001.0	S 11	287.6	0.4	Box corer	BC	at sea bottom	996 m	
PS64/282-4	13.06.03	13:58	53° 5.90' N	14° 54.62' W	1000.0	S 11	200.6	0.0	Box corer	BC	on deck		
PS64/282-5	13.06.03	14:12	53° 5.91' N	14° 54.73' W	1024.0	S 12	230.9	0.1	Box corer	BC	surface		
PS64/282-5	13.06.03	14:32	53° 5.93' N	14° 54.68' W	1006.0	S 11	218.6	0.1	Box corer	BC	at sea bottom	1011 m	
PS64/282-5	13.06.03	14:52	53° 5.89' N	14° 54.71' W	1011.0	S 11	211.3	0.3	Box corer	BC	on deck		
PS64/283-1	13.06.03	15:08	53° 6.07' N	14° 54.62' W	961.8	S 11	182.4	0.6	CTD - Seabird	CTD-R	surface		
PS64/283-1	13.06.03	15:27	53° 6.10' N	14° 54.68' W	912.4	S 11	211.6	0.2	CTD - Seabird	CTD-R	at depth	895 m	
PS64/283-1	13.06.03	15:43	53° 6.12' N	14° 54.73' W	903.8	S 11	41.6	0.3	CTD - Seabird	CTD-R	on deck		
PS64/283-2	13.06.03	15:49	53° 6.14' N	14° 54.71' W	886.1	S 11	317.6	0.1	In situ pump	ISP	into water		
PS64/283-2	13.06.03	16:27	53° 6.14' N	14° 54.68' W	902.8	S 11	0.1	0.7	In situ pump	ISP	pump at depth	GE52.2 874 m ausgesteckt; Start measurement	
PS64/283-2	13.06.03	17:27	53° 6.16' N	14° 54.64' W	904.1	S 10	300.5	0.2	In situ pump	ISP	pump at depth	End of measurement	
PS64/283-2	13.06.03	17:51	53° 6.15' N	14° 54.59' W	929.9	SSE 11	87.0	0.1	In situ pump	ISP	on deck		
PS64/283-3	13.06.03	18:12	53° 5.75' N	14° 54.40' W	966.1	SSE 11	236.0	0.8	Box corer	BC	surface		
PS64/283-3	13.06.03	18:31	53° 5.79' N	14° 54.39' W	972.8	SSE 11	219.4	0.2	Box corer	BC	at sea bottom	975m gesteckt	
PS64/283-3	13.06.03	18:53	53° 5.70' N	14° 54.52' W	944.1	SSE 12	205.5	0.5	Box corer	BC	on deck		



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/283-4	13.06.03	19:20	53° 5.73' N	14° 54.38' W	978.7	SSE 12	152.6	0.3	Box corer	BC	surface		
PS64/283-4	13.06.03	19:40	53° 5.72' N	14° 54.40' W	969.2	SSE 12	106.7	0.4	Box corer	BC	at sea bottom	GE52.2 935 m ausgesteckt	
PS64/283-4	13.06.03	20:00	53° 5.65' N	14° 54.33' W	1042.0	SSE 13	292.4	0.3	Box corer	BC	on deck		
PS64/284-1	13.06.03	21:00	53° 12.50' N	14° 49.96' W	1072.0	S 13	89.5	4.8	Fischereilotsur	FLS	Start Track		
PS64/284-1	13.06.03	21:29	53° 11.44' N	14° 46.61' W	714.0	S 13	118.7	4.9	Fischereilotsur	FLS	Course Change	138°	
PS64/284-1	13.06.03	21:38	53° 10.99' N	14° 45.87' W	721.5	S 13	140.7	4.0	Fischereilotsur	FLS	Course Change	181°	
PS64/284-1	13.06.03	22:00	53° 9.37' N	14° 45.83' W	777.8	S 13	181.9	4.8	Fischereilotsur	FLS	Course Change	073°	
PS64/284-1	13.06.03	22:20	53° 9.70' N	14° 43.99' W	700.1	S 14	85.4	5.0	Fischereilotsur	FLS	Course Change	038°	
PS64/284-1	13.06.03	22:27	53° 10.06' N	14° 43.34' W	684.3	S 14	34.0	3.8	Fischereilotsur	FLS	End of Track		
PS64/285-1	13.06.03	23:27	53° 11.44' N	14° 45.58' W	811.4	S 14	49.3	0.6	CTD - Seabird	CTD-R	surface		
												aborted - technical problems with CTD	
PS64/285-1	13.06.03	23:39	53° 11.44' N	14° 45.51' W	817.5	S 16	7.2	0.3	CTD - Seabird	CTD-R	on deck		
PS64/285-1	13.06.03	23:40	53° 11.44' N	14° 45.52' W	815.4	S 15	286.0	0.4	CTD - Seabird	CTD-R	surface		
PS64/285-1	14.06.03	00:08	53° 11.44' N	14° 45.53' W	814.1	SSE 14	25.4	0.9	CTD - Seabird	CTD-R	at depth	812 m	
PS64/285-1	14.06.03	00:23	53° 11.56' N	14° 45.52' W	828.2	SSE 14	169.1	0.1	CTD - Seabird	CTD-R	on deck		
PS64/286-1	14.06.03	00:45	53° 11.51' N	14° 46.55' W	635.8	S 14	70.3	0.8	CTD - Seabird	CTD-R	surface		
PS64/286-1	14.06.03	00:57	53° 11.48' N	14° 46.48' W	639.4	S 14	277.5	0.5	CTD - Seabird	CTD-R	at depth	286 m	
PS64/286-1	14.06.03	01:09	53° 11.51' N	14° 46.38' W	593.1	S 15	91.2	0.4	CTD - Seabird	CTD-R	on deck		
PS64/287-1	14.06.03	01:22	53° 11.36' N	14° 47.12' W	806.5	S 14	301.7	0.4	CTD - Seabird	CTD-R	surface		
PS64/287-1	14.06.03	01:39	53° 11.40' N	14° 47.00' W	793.9	S 15	58.8	0.8	CTD - Seabird	CTD-R	at depth	791 m	
PS64/287-1	14.06.03	01:54	53° 11.40' N	14° 46.94' W	785.7	S 14	345.4	0.9	CTD - Seabird	CTD-R	on deck		
PS64/288-1	14.06.03	02:11	53° 11.65' N	14° 47.00' W	620.6	S 14	296.9	0.2	CTD - Seabird	CTD-R	surface		
PS64/288-1	14.06.03	02:25	53° 11.70' N	14° 47.02' W	621.3	S 15	183.0	0.9	CTD - Seabird	CTD-R	at depth	635 m	
												Bodensensor nicht ausgelöst, Wiederholung	
PS64/288-1	14.06.03	02:40	53° 11.68' N	14° 46.91' W	636.3	S 14	208.9	1.3	CTD - Seabird	CTD-R	on deck		
PS64/288-2	14.06.03	02:46	53° 11.63' N	14° 47.02' W	635.5	S 14	20.4	0.5	CTD - Seabird	CTD-R	surface	Wiederholung	
PS64/288-2	14.06.03	03:01	53° 11.65' N	14° 47.09' W	631.1	S 14	346.9	0.9	CTD - Seabird	CTD-R	at depth	645 m	
PS64/288-2	14.06.03	03:16	53° 11.67' N	14° 46.98' W	605.2	S 13	113.9	0.4	CTD - Seabird	CTD-R	on deck		
PS64/289-1	14.06.03	03:20	53° 11.66' N	14° 46.92' W	624.7	S 14	77.9	1.2	CTD - Seabird	CTD-R	surface		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/289-1	14.06.03	03:38	53° 11.71' N	14° 46.81' W	668.9	S 13	7.5	0.2	CTD - Seabird CTD-R		at depth	688 m	
PS64/289-1	14.06.03	03:51	53° 11.73' N	14° 46.78' W	673.5	S 14	310.0	0.7	CTD - Seabird CTD-R		on deck		
PS64/290-1	14.06.03	04:14	53° 11.62' N	14° 47.27' W	697.3	S 13	38.7	0.4	CTD - Seabird CTD-R		surface		
PS64/290-1	14.06.03	04:27	53° 11.64' N	14° 47.30' W	702.4	S 13	200.8	0.0	CTD - Seabird CTD-R		at depth	EL31 662 m ausgesteckt	
PS64/290-1	14.06.03	04:39	53° 11.64' N	14° 47.24' W	658.7	S 13	126.6	0.5	CTD - Seabird CTD-R		on deck		
PS64/291-1	14.06.03	05:01	53° 11.83' N	14° 47.54' W	656.5	SSW 12	112.4	0.1	CTD - Seabird CTD-R		surface		
PS64/291-1	14.06.03	05:17	53° 11.88' N	14° 47.50' W	648.3	SSW 10	23.3	0.4	CTD - Seabird CTD-R		at depth	EL31 653 m ausgesteckt	
PS64/291-1	14.06.03	05:28	53° 11.87' N	14° 47.49' W	645.5	SSW 10	229.0	0.4	CTD - Seabird CTD-R		on deck		
PS64/292-1	14.06.03	05:44	53° 11.79' N	14° 48.37' W	876.5	SSW 10	2.7	0.4	CTD - Seabird CTD-R		surface		
PS64/292-1	14.06.03	06:02	53° 11.74' N	14° 48.35' W	877.7	SSW 10	74.8	0.1	CTD - Seabird CTD-R		at depth	EL31 872 m ausgesteckt	
PS64/292-1	14.06.03	06:18	53° 11.73' N	14° 48.28' W	854.5	SSW 10	126.3	0.3	CTD - Seabird CTD-R		on deck		
PS64/293-1	14.06.03	07:20	53° 10.38' N	14° 43.17' W	724.3	SSW 8	359.5	0.7	Remote opera ROV		surface	Victor 6000	
PS64/293-1	14.06.03	07:30	53° 10.39' N	14° 43.26' W	735.0	SSW 8	216.8	0.7	Remote opera ROV		water	Depressor into	
PS64/293-1	14.06.03	08:16	53° 10.16' N	14° 43.37' W	668.8	SSW 8	181.5	0.5	Remote opera ROV		at depth		
PS64/293-1	14.06.03	08:24	53° 10.11' N	14° 43.37' W	659.8	SSW 8	206.5	0.9	Remote opera ROV		Information	Begin Survey	
PS64/293-1	14.06.03	09:02	53° 9.74' N	14° 43.88' W	700.0	SSW 8	345.8	0.3	Remote opera ROV		Information	altering course to NW	
PS64/293-1	14.06.03	09:28	53° 9.86' N	14° 44.23' W	678.8	SW 7	235.3	0.4	Remote opera ROV		Information	altering course to SSW	
PS64/293-1	14.06.03	10:12	53° 9.49' N	14° 44.45' W	705.3	SW 6	187.0	0.2	Remote opera ROV		Information	altering course WSW	
PS64/293-1	14.06.03	11:17	53° 9.20' N	14° 46.06' W	785.4	SSW 6	249.4	1.2	Remote opera ROV		Information	altering course to N	
PS64/293-1	14.06.03	11:30	53° 9.34' N	14° 46.08' W	765.4	SW 6	67.5	1.8	Remote opera ROV		Information	turning vessel into the wind and stopping for VICTOR- Survey	
PS64/293-1	14.06.03	14:21	53° 9.42' N	14° 45.83' W	778.4	SW 6	26.7	0.9	Remote opera ROV		Information	Drehen auf Nordkurs	
PS64/293-1	14.06.03	17:40	53° 10.97' N	14° 45.91' W	745.3	WSW 4	32.6	0.1	Remote opera ROV		Information	Turning to course 320 degrees	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/293-1	14.06.03	21:20	53° 11.55' N	14° 46.50' W	573.3	S 5	321.0	0.4	Remote opera	ROV	Information	moving ~1 cable to North
PS64/293-1	14.06.03	22:00	53° 11.69' N	14° 46.57' W	655.0	S 5	23.6	0.8	Remote opera	ROV	Information	moving ~1 cable to the North
PS64/293-1	14.06.03	22:37	53° 11.79' N	14° 46.63' W	707.8	SSW 6	2.2	0.3	Remote opera	ROV	Information	proceeding about 3 cables to the north
PS64/293-1	15.06.03	02:03	53° 11.42' N	14° 47.08' W	795.4	SSE 6	295.8	0.4	Remote opera	ROV	Information	drehen auf NNW-liche Kurse
PS64/293-1	15.06.03	02:20	53° 11.55' N	14° 47.13' W	737.5	S 7	263.0	0.3	Remote opera	ROV	Information	stopp for observation Fishing Gear
PS64/293-1	15.06.03	03:17	53° 11.57' N	14° 47.07' W	708.5	SSE 7	146.5	0.2	Remote opera	ROV	Information	go ahead 340 °
PS64/293-1	15.06.03	03:33	53° 11.69' N	14° 47.18' W	617.9	SSE 9	114.3	0.2	Remote opera	ROV	Information	Stopp
PS64/293-1	15.06.03	05:11	53° 12.00' N	14° 48.63' W	849.8	S 10	271.5	0.2	Remote opera	ROV	Information	Turning to WSW-course
PS64/293-1	15.06.03	05:45	53° 12.06' N	14° 49.21' W	850.4	S 7	4.8	1.1	Remote opera	ROV	Information	Turning to NNE- course
PS64/293-1	15.06.03	06:30	53° 12.38' N	14° 48.69' W	878.8	S 8	257.5	0.4	Remote opera	ROV	Information	Turning to WSW-course
PS64/293-1	15.06.03	07:29	53° 12.21' N	14° 49.31' W	914.2	S 10	299.9	1.6	Remote opera	ROV	Information	Turning to WNW-course
PS64/293-1	15.06.03	08:10	53° 12.45' N	14° 49.85' W	1069.0	S 10	319.1	0.3	Remote opera	ROV	Information	End of Survey - preparing to heave VICTOR
PS64/293-1	15.06.03	08:27	53° 12.45' N	14° 49.87' W	1070.0	S 10	67.6	0.5	Remote opera	ROV	Information	coming back to the surface
PS64/293-1	15.06.03	09:17	53° 12.28' N	14° 49.76' W	1046.0	S 10	180.7	0.3	Remote opera	ROV	Information	start heaving Depressor
PS64/293-1	15.06.03	09:22	53° 12.26' N	14° 49.74' W	1043.0	S 10	136.5	0.3	Remote opera	ROV	Information	coming back to the surface VICTOR surfaced
PS64/293-1	15.06.03	09:23	53° 12.26' N	14° 49.73' W	1040.0	S 9	124.7	0.5	Remote opera	ROV	Information	Depressor on deck
PS64/293-1	15.06.03	09:53	53° 12.36' N	14° 49.74' W	1055.0	S 11	343.5	0.3	Remote opera	ROV	Information	on deck
PS64/294-1	15.06.03	10:19	53° 11.52' N	14° 48.69' W	941.5	S 10	95.1	0.5	Box corer	BC	Information	surface

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/294-1	15.06.03	10:37	53° 11.54' N	14° 48.62' W	937.7	S 10	44.6	0.6	Box corer	BC	at sea bottom	GE 52.2 - 935 m	
PS64/294-1	15.06.03	10:56	53° 11.60' N	14° 48.63' W	931.9	S 11	339.6	0.5	Box corer	BC	on deck		
PS64/295-1	15.06.03	11:10	53° 11.95' N	14° 48.32' W	854.5	SSE 10	248.4	0.9	Box corer	BC	surface		
PS64/295-1	15.06.03	11:26	53° 11.98' N	14° 48.33' W	849.1	S 11	254.5	0.3	Box corer	BC	at sea bottom	GE52.2 - 852 m	
PS64/295-1	15.06.03	11:43	53° 11.88' N	14° 48.50' W	867.0	SSE 11	243.5	0.8	Box corer	BC	on deck		
PS64/296-1	15.06.03	12:01	53° 12.58' N	14° 50.06' W	1080.0	S 12	96.4	6.0	Fischereilotsur	FLS	Start Track		
PS64/296-1	15.06.03	12:25	53° 11.60' N	14° 46.91' W	648.4	S 12	121.7	4.7	Fischereilotsur	FLS	Course Change	120 ° to 135° Turn over Bb.	
PS64/296-1	15.06.03	12:32	53° 11.26' N	14° 46.18' W	679.1	S 13	133.9	4.9	Fischereilotsur	FLS	Course Change	to North back on track	
PS64/296-1	15.06.03	12:48	53° 10.88' N	14° 45.64' W	796.5	S 11	346.6	5.3	Fischereilotsur	FLS	Course Change	to north to WP 5 course	
PS64/296-1	15.06.03	13:01	53° 12.02' N	14° 45.63' W	832.4	S 12	3.0	5.0	Fischereilotsur	FLS	Course Change	45 ° 6 to 7 corse	
PS64/296-1	15.06.03	13:11	53° 12.68' N	14° 44.65' W	871.1	S 13	40.8	5.9	Fischereilotsur	FLS	Course Change	352°	
PS64/296-1	15.06.03	13:15	53° 12.99' N	14° 44.34' W	838.8	S 12	2.7	5.2	Fischereilotsur	FLS	Information	short break back on track	
PS64/296-1	15.06.03	14:16	53° 12.84' N	14° 44.21' W	844.8	S 12	344.4	5.3	Fischereilotsur	FLS	Course Change	course 353 °	
PS64/296-1	15.06.03	14:31	53° 14.13' N	14° 44.55' W	897.4	S 12	354.2	5.0	Fischereilotsur	FLS	Course Change	course 29 °	
PS64/296-1	15.06.03	15:59	53° 20.97' N	14° 38.41' W	885.4	S 12	31.9	5.5	Fischereilotsur	FLS	Course Change	061 ° Turning to 032	
PS64/296-1	15.06.03	16:50	53° 23.30' N	14° 31.79' W	729.4	S 13	61.7	6.2	Fischereilotsur	FLS	Course Change	degrees Turning to 057	
PS64/296-1	15.06.03	17:14	53° 25.06' N	14° 29.83' W	690.3	S 13	29.4	5.3	Fischereilotsur	FLS	Course Change	degrees Turning to 010	
PS64/296-1	15.06.03	17:29	53° 25.81' N	14° 28.01' W	766.0	S 12	57.4	5.2	Fischereilotsur	FLS	Course Change	degrees Turning to 52	
PS64/296-1	15.06.03	18:27	53° 30.63' N	14° 26.35' W	926.1	S 12	13.6	5.2	Fischereilotsur	FLS	Course Change	degrees Turning to 128	
PS64/296-1	15.06.03	18:48	53° 31.76' N	14° 24.19' W	829.2	S 13	62.1	4.5	Fischereilotsur	FLS	Course Change	degrees Turning to 087	
PS64/296-1	15.06.03	19:06	53° 30.90' N	14° 21.93' W	870.0	S 13	126.6	5.5	Fischereilotsur	FLS	Course Change	degrees Turning to 315	
PS64/296-1	15.06.03	19:17	53° 30.87' N	14° 20.27' W	727.5	S 13	66.8	5.7	Fischereilotsur	FLS	Course Change	degrees	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/296-1	15.06.03	19:48	53° 32.67' N	14° 22.92' W	808.8	SSE 12	321.8	4.9	Fischereilotsur	FLS	Course Change	Turning to 072 degrees
PS64/296-1	15.06.03	19:57	53° 33.00' N	14° 22.06' W	769.0	S 12	71.4	5.4	Fischereilotsur	FLS	Course Change	Turning to 040 degrees
PS64/296-1	15.06.03	20:25	53° 34.67' N	14° 19.67' W	722.8	S 13	42.6	4.2	Fischereilotsur	FLS	Course Change	to 055°
PS64/296-1	15.06.03	20:47	53° 35.69' N	14° 17.31' W	712.0	S 13	56.2	4.4	Fischereilotsur	FLS	Course Change	to 355°
PS64/296-1	15.06.03	21:10	53° 37.33' N	14° 17.23' W	820.8	S 13	359.6	4.5	Fischereilotsur	FLS	Course Change	to 049°
PS64/296-1	15.06.03	21:35	53° 38.60' N	14° 14.94' W	794.8	S 12	50.7	4.3	Fischereilotsur	FLS	Course Change	to 070°
PS64/296-1	15.06.03	21:41	53° 38.80' N	14° 14.32' W	768.4	S 14	67.7	4.6	Fischereilotsur	FLS	End of Track	aborted Survey to proceed to VICTOR-deploy
PS64/297-1	15.06.03	23:15	53° 45.98' N	13° 59.36' W	829.7	S 13	45.9	1.6	Remote opera	ROV	surface	VICTOR 6000
PS64/297-1	15.06.03	23:25	53° 46.06' N	13° 59.17' W	853.1	S 14	43.5	1.0	Remote opera	ROV	Depressor into water	
PS64/297-1	16.06.03	00:25	53° 45.90' N	13° 59.49' W	760.8	S 14	231.3	1.1	Remote opera	ROV	at depth	Course to WP 00 217 °
PS64/297-1	16.06.03	01:13	53° 45.76' N	13° 59.63' W	734.7	S 12	137.2	0.2	Remote opera	ROV	Information	Start Track
PS64/297-1	16.06.03	03:20	53° 44.66' N	13° 59.12' W	687.4	S 12	79.9	0.9	Remote opera	ROV	Information	stopp
PS64/297-1	16.06.03	03:42	53° 44.68' N	13° 59.06' W	669.3	S 10	89.0	0.7	Remote opera	ROV	Information	go ahead 172 °
PS64/297-1	16.06.03	05:05	53° 44.26' N	13° 59.13' W	657.9	S 9	207.7	0.4	Remote opera	ROV	Information	Stop and keep position
PS64/297-1	16.06.03	08:15	53° 44.08' N	13° 59.25' W	672.7	SSW 8	183.4	0.3	Remote opera	ROV	Information	going back northwards for appr. 2 cables proceeding back on track
PS64/297-1	16.06.03	09:28	53° 44.15' N	13° 59.19' W	659.0	SSW 6	215.7	0.0	Remote opera	ROV	Information	Southwards
PS64/297-1	16.06.03	10:45	53° 43.73' N	14° 0.02' W	646.0	SSW 6	207.6	0.4	Remote opera	ROV	Information	stopped following the track
PS64/297-1	16.06.03	14:58	53° 43.65' N	14° 0.19' W	653.2	SW 8	205.2	0.9	Remote opera	ROV	Information	Course west

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/297-1	16.06.03	15:24	53° 43.62' N	14° 0.75' W	681.7	SW 9	268.4	0.6	Remote opera	ROV	Information	stopp for observation	
PS64/297-1	16.06.03	16:20	53° 43.71' N	14° 0.80' W	708.6	SW 8	229.8	0.9	Remote opera	ROV	Information	Following the track course SW	
PS64/297-1	16.06.03	18:10	53° 43.27' N	14° 1.56' W	656.2	SW 9	97.4	0.6	Remote opera	ROV	Information	Stopp for observation	
PS64/297-1	17.06.03	00:39	53° 43.23' N	14° 1.57' W	651.0	SW 9	269.9	0.4	Remote opera	ROV	Information	course 290°	
PS64/297-1	17.06.03	06:30	53° 41.80' N	14° 4.13' W	634.3	SW 10	2.3	0.4	Remote opera	ROV	Information	Stopp for observation	
PS64/297-1	17.06.03	08:22	53° 41.84' N	14° 4.26' W	663.0	SW 10	272.6	0.6	Remote opera	ROV	Information	proceeding to S going back to last stopping position	
PS64/297-1	17.06.03	08:42	53° 41.78' N	14° 4.30' W	648.9	SW 10	80.7	0.8	Remote opera	ROV	Information	Continuing on track	
PS64/297-1	17.06.03	09:44	53° 41.79' N	14° 4.29' W	649.8	SW 10	18.2	0.3	Remote opera	ROV	Information	stopped	
PS64/297-1	17.06.03	10:48	53° 41.69' N	14° 4.63' W	660.2	SW 8	145.1	0.2	Remote opera	ROV	Information	continuing on track	
PS64/297-1	17.06.03	11:00	53° 41.66' N	14° 4.66' W	656.9	SW 9	225.6	1.0	Remote opera	ROV	Information	into the water	
PS64/297-2	17.06.03	11:18	53° 41.64' N	14° 4.84' W	664.5	SSW 9	250.1	0.5	Water Sample	WSB	Information	stopped	
PS64/297-1	17.06.03	11:25	53° 41.60' N	14° 5.01' W	675.7	SSW 9	255.7	1.0	Remote opera	ROV	Information	continuing on track	
PS64/297-1	17.06.03	11:38	53° 41.55' N	14° 4.96' W	663.4	SSW 10	219.8	0.2	Remote opera	ROV	Information	stopping	
PS64/297-1	17.06.03	11:46	53° 41.55' N	14° 5.10' W	673.1	SW 11	245.2	0.1	Remote opera	ROV	Information	coming back to the surface	
PS64/297-1	17.06.03	17:40	53° 41.55' N	14° 5.20' W	681.9	S 12	11.1	0.5	Remote opera	ROV	Information	Depressor on deck	
PS64/297-1	17.06.03	18:13	53° 41.65' N	14° 5.38' W	707.0	SSE 13	225.8	0.2	Remote opera	ROV	Information	on deck	
PS64/297-1	17.06.03	18:45	53° 42.03' N	14° 5.62' W	702.5	SSE 14	357.1	0.8	Remote opera	ROV	Information	surface	
PS64/298-1	17.06.03	19:37	53° 44.26' N	13° 59.05' W	632.5	SSE 16	30.1	0.6	Box corer	BC	Information	GE52.2 652 m ausgesteckt	
PS64/298-1	17.06.03	19:49	53° 44.24' N	13° 59.02' W	627.0	SSE 15	235.6	0.6	Box corer	BC	Information	at sea bottom	
PS64/298-1	17.06.03	20:03	53° 44.25' N	13° 59.14' W	657.8	SSE 15	294.8	1.2	Box corer	BC	Information	on deck	
PS64/298-2	17.06.03	20:20	53° 44.27' N	13° 59.20' W	682.4	SSE 16	174.2	0.1	Box corer	BC	Information	surface	
PS64/298-2	17.06.03	20:32	53° 44.29' N	13° 59.20' W	685.2	SSE 17	218.3	0.5	Box corer	BC	Information	at sea bottom	
PS64/298-2	17.06.03	20:46	53° 44.28' N	13° 59.09' W	656.4	S 16	126.9	0.7	Box corer	BC	Information	on deck	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/298-3	17.06.03	21:02	53° 44.27' N	13° 59.14' W	666.9	S 16	138.5	0.6	Box corer	BC	surface	repetition of 298-2	
PS64/298-3	17.06.03	21:14	53° 44.28' N	13° 59.18' W	680.8	S 15	266.9	0.3	Box corer	BC	at sea bottom	GE 52.2 - 696 m	
PS64/298-3	17.06.03	21:29	53° 44.21' N	13° 59.02' W	621.2	S 16	108.5	0.9	Box corer	BC	on deck		
PS64/298-4	17.06.03	21:38	53° 44.17' N	13° 58.84' W	639.5	S 15	65.4	0.4	CTD - Seabird	CTD-R	surface	for Calibration	
PS64/298-4	17.06.03	21:53	53° 44.17' N	13° 58.82' W	639.9	SSW 15	247.9	0.2	CTD - Seabird	CTD-R	at depth	EL31 - 642 m	
PS64/298-4	17.06.03	22:05	53° 44.19' N	13° 58.82' W	643.3	SSW 16	1.5	0.7	CTD - Seabird	CTD-R	on deck		
PS64/298-5	17.06.03	22:16	53° 44.26' N	13° 59.03' W	631.1	SSW 15	301.6	0.5	CTD - Seabird	CTD-R	surface	for Calibration	
PS64/298-5	17.06.03	22:32	53° 44.25' N	13° 59.11' W	644.1	SSW 15	325.0	0.2	CTD - Seabird	CTD-R	at depth	EL31 - 650 m	
PS64/298-5	17.06.03	22:46	53° 44.29' N	13° 59.08' W	658.0	SSW 15	21.0	0.5	CTD - Seabird	CTD-R	on deck		
PS64/298-6	17.06.03	22:59	53° 44.35' N	13° 59.41' W	696.7	SSW 15	262.7	0.8	CTD - Seabird	CTD-R	surface	for Calibration	
PS64/298-6	17.06.03	23:15	53° 44.35' N	13° 59.44' W	697.0	SSW 16	81.8	0.3	CTD - Seabird	CTD-R	at depth	EL31 - 692m	
PS64/298-6	17.06.03	23:29	53° 44.38' N	13° 59.31' W	693.6	SSW 16	60.5	0.5	CTD - Seabird	CTD-R	on deck		
PS64/299-1	18.06.03	00:15	53° 41.97' N	14° 4.20' W	693.7	SSW 15	117.9	0.6	Box corer	BC	surface		
PS64/299-1	18.06.03	00:28	53° 41.94' N	14° 4.05' W	658.3	SSW 15	60.4	0.6	Box corer	BC	at sea bottom	675 m	
PS64/299-1	18.06.03	00:42	53° 41.89' N	14° 3.93' W	635.3	SSW 16	113.2	1.0	Box corer	BC	on deck		
PS64/300-1	18.06.03	01:30	53° 40.88' N	14° 7.21' W	670.3	SW 17	70.5	3.8	Fischereilotsur	FLS	Start Track		
PS64/300-1	18.06.03	01:42	53° 41.18' N	14° 5.82' W	671.8	SSW 15	51.4	5.3	Fischereilotsur	FLS	Course Change		
PS64/300-1	18.06.03	01:55	53° 41.75' N	14° 4.53' W	665.5	SSW 16	57.3	4.2	Fischereilotsur	FLS	Course Change		
PS64/300-1	18.06.03	02:20	53° 42.92' N	14° 2.63' W	704.7	SW 16	40.5	4.9	Fischereilotsur	FLS	Course Change		
PS64/300-1	18.06.03	02:49	53° 44.12' N	13° 59.18' W	660.7	SW 16	59.7	4.9	Fischereilotsur	FLS	End of Track		
PS64/301-1	18.06.03	05:25	53° 35.44' N	14° 17.75' W	738.7	WSW 17	235.8	0.8	CTD - Seabird	CTD-R	surface	For calibration!!	
PS64/301-1	18.06.03	05:43	53° 35.42' N	14° 17.79' W	736.3	W 18	117.5	0.3	CTD - Seabird	CTD-R	at depth	EL31 741 m	
PS64/301-1	18.06.03	05:57	53° 35.39' N	14° 17.74' W	731.2	W 17	61.4	1.2	CTD - Seabird	CTD-R	on deck	ausgesteckt	
PS64/302-1	18.06.03	06:47	53° 35.50' N	14° 16.93' W	711.2	W 13	42.7	1.1	Box corer	BC	surface		
PS64/302-1	18.06.03	07:02	53° 35.53' N	14° 16.89' W	717.8	W 13	135.0	0.3	Box corer	BC	at sea bottom	GE52.2 716 m	
PS64/302-1	18.06.03	07:17	53° 35.57' N	14° 16.87' W	710.4	W 16	294.5	0.2	Box corer	BC	on deck	ausgesteckt	
PS64/302-2	18.06.03	07:32	53° 35.65' N	14° 17.27' W	716.0	W 14	247.8	0.7	Box corer	BC	surface		
PS64/302-2	18.06.03	07:47	53° 35.67' N	14° 17.34' W	710.0	W 12	74.0	0.4	Box corer	BC	at sea bottom	GE52.2 718 m	
PS64/302-2	18.06.03	08:00	53° 35.69' N	14° 17.40' W	710.3	W 13	273.8	0.7	Box corer	BC	on deck	ausgesteckt	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/303-1	18.06.03	09:24	53° 30.82' N	14° 20.46' W	734.3	WSW 12	334.9	0.5	Box corer	BC	surface		
PS64/303-1	18.06.03	09:38	53° 30.80' N	14° 20.42' W	746.3	WSW 11	230.4	0.5	Box corer	BC	at sea bottom	GE52.2 741 m	
PS64/303-1	18.06.03	09:54	53° 30.81' N	14° 20.47' W	738.4	WSW 10	202.2	0.3	Box corer	BC	on deck	ausgesteckt	
PS64/304-1	18.06.03	10:24	53° 32.35' N	14° 23.48' W	829.4	WSW 10	260.6	0.7	Box corer	BC	surface		
PS64/304-1	18.06.03	10:39	53° 32.39' N	14° 23.55' W	829.4	WSW 14	272.4	0.8	Box corer	BC	at sea bottom	GE52.2 - 836m	
PS64/304-1	18.06.03	10:56	53° 32.45' N	14° 23.57' W	829.8	WSW 10	30.3	0.8	Box corer	BC	on deck		
PS64/305-1	18.06.03	11:18	53° 31.07' N	14° 25.35' W	850.4	WSW 10	231.2	0.6	Box corer	BC	surface		
PS64/305-1	18.06.03	11:33	53° 31.11' N	14° 25.54' W	812.0	WSW 12	264.4	0.6	Box corer	BC	at sea bottom	GE52.2 - 841m	
PS64/305-1	18.06.03	11:50	53° 31.17' N	14° 25.63' W	776.1	WSW 11	284.5	0.6	Box corer	BC	on deck		
PS64/306-1	18.06.03	12:35	53° 34.15' N	14° 21.90' W	820.0	WSW 11	213.5	7.4	HydroSweep/F HS_PS		start track		
PS64/306-1	18.06.03	14:05	53° 27.04' N	14° 35.18' W	1167.0	SW 11	305.0	7.6	HydroSweep/F HS_PS		alter course	Drehen über NW auf NE-lichen Kurs	
PS64/306-1	18.06.03	15:32	53° 35.38' N	14° 22.78' W	917.7	SW 11	353.9	3.5	HydroSweep/F HS_PS		profile end		
PS64/307-1	18.06.03	16:21	53° 36.43' N	14° 16.34' W	747.0	WSW 12	21.4	0.7	Remote opera	ROV	surface	Victor 6000	
PS64/307-1	18.06.03	16:36	53° 36.63' N	14° 16.11' W	743.3	WSW 11	54.8	0.9	Remote opera	ROV	Depressor into water		
PS64/307-1	18.06.03	18:16	53° 35.93' N	14° 16.79' W	691.5	WSW 11	232.5	1.7	Remote opera	ROV	Information	Start profile track	
PS64/307-1	18.06.03	20:10	53° 35.76' N	14° 17.43' W	699.3	WSW 11	14.2	0.3	Remote opera	ROV	Information	stopping	
PS64/307-1	18.06.03	20:41	53° 35.76' N	14° 17.40' W	694.1	WSW 9	354.0	0.2	Remote opera	ROV	Information	continuing on track	
PS64/307-1	18.06.03	21:08	53° 35.62' N	14° 17.71' W	749.1	WSW 9	16.0	0.2	Remote opera	ROV	Information	stopping	
PS64/307-1	18.06.03	21:26	53° 35.59' N	14° 17.70' W	744.1	WSW 9	222.4	0.3	Remote opera	ROV	Information	continuing on track	
PS64/307-1	18.06.03	22:22	53° 35.31' N	14° 18.32' W	684.3	WSW 11	228.0	0.7	Remote opera	ROV	Information	stopping	
PS64/307-1	19.06.03	02:42	53° 34.95' N	14° 19.13' W	698.3	WSW 9	273.3	0.4	Remote opera	ROV	Information	stopp for Mikrobathymetrie	
PS64/307-1	19.06.03	04:20	53° 34.87' N	14° 19.17' W	718.3	WSW 8	95.3	0.9	Remote opera	ROV	Information	Continuing on track	
PS64/307-1	19.06.03	08:02	53° 33.84' N	14° 21.02' W	734.1	W 13	236.2	0.8	Remote opera	ROV	Information	stopping	
PS64/307-1	19.06.03	08:27	53° 33.84' N	14° 20.91' W	747.3	WSW 13	71.8	0.9	Remote opera	ROV	Information	continuing on track	



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation		
PS64/307-1	19.06.03	09:26	53° 33.55' N	14° 21.27' W	737.4	W 14	206.2	0.3	Remote opera	ROV	Information	stopping for survey with VICTOR
PS64/307-1	19.06.03	11:15	53° 33.49' N	14° 21.43' W	726.1	W 14	67.7	0.6	Remote opera	ROV	Information	aborting survey due to increasing wind and swell
PS64/307-1	19.06.03	11:18	53° 33.50' N	14° 21.44' W	727.0	W 16	287.0	1.2	Remote opera	ROV	Information	coming back to the surface start heaving
PS64/307-1	19.06.03	11:49	53° 33.49' N	14° 21.51' W	738.7	W 14	327.7	0.5	Remote opera	ROV	Information	coming back to the surface Depressor surfaced
PS64/307-1	19.06.03	11:53	53° 33.49' N	14° 21.54' W	742.1	W 14	272.5	0.7	Remote opera	ROV	Information	coming back to the surface VICTOR surfaced
PS64/307-1	19.06.03	11:55	53° 33.49' N	14° 21.55' W	741.3	W 12	81.4	0.2	Remote opera	ROV	Information	Depressor on deck
PS64/307-1	19.06.03	12:30	53° 33.58' N	14° 20.57' W	733.7	W 13	61.6	1.7	Remote opera	ROV	Information	on deck
PS64/308-1	27.06.03	15:38	71° 58.98' N	14° 40.81' E	1325.0	NW 6	320.1	0.7	CTD/rosette w	CTD/RO	Information	surface
PS64/308-1	27.06.03	16:08	71° 59.11' N	14° 40.96' E	1323.0	NNW 6	50.0	0.3	CTD/rosette w	CTD/RO	Information	at depth EL31 1288 m ausgesteckt
PS64/308-1	27.06.03	16:32	71° 59.17' N	14° 41.02' E	1323.0	NNW 6	72.0	0.9	CTD/rosette w	CTD/RO	Information	on deck
PS64/309-1	27.06.03	18:16	71° 58.95' N	14° 41.06' E	1324.0	N 4	29.4	6.1	HydroSweep/F	HS_PS	Information	start track
PS64/309-1	27.06.03	18:39	72° 0.94' N	14° 41.02' E	1309.0	N 5	355.1	4.4	HydroSweep/F	HS_PS	Information	alter course WP2 erreicht
PS64/309-1	27.06.03	18:53	72° 1.00' N	14° 41.91' E	1301.0	N 4	183.6	5.1	HydroSweep/F	HS_PS	Information	alter course WP3 erreicht
PS64/309-1	27.06.03	19:18	71° 59.06' N	14° 41.64' E	1321.0	N 4	172.5	4.2	HydroSweep/F	HS_PS	Information	alter course WP4 erreicht
PS64/309-1	27.06.03	19:36	71° 58.98' N	14° 42.37' E	1316.0	N 4	5.1	4.5	HydroSweep/F	HS_PS	Information	alter course WP5 erreicht
PS64/309-1	27.06.03	20:00	72° 1.03' N	14° 42.26' E	1297.0	NNW 3	356.7	5.8	HydroSweep/F	HS_PS	Information	alter course WP06
PS64/309-1	27.06.03	20:13	72° 1.05' N	14° 43.02' E	1291.0	NNW 4	193.8	4.8	HydroSweep/F	HS_PS	Information	alter course WP07
PS64/309-1	27.06.03	20:39	71° 59.05' N	14° 42.92' E	1314.0	NNW 3	179.8	4.7	HydroSweep/F	HS_PS	Information	alter course WP08
PS64/309-1	27.06.03	20:52	71° 58.96' N	14° 43.62' E	1307.0	NNW 4	336.9	4.4	HydroSweep/F	HS_PS	Information	alter course WP09
PS64/309-1	27.06.03	21:15	72° 0.81' N	14° 43.59' E	1291.0	NNW 4	351.8	4.7	HydroSweep/F	HS_PS	Information	alter course WP10
PS64/309-1	27.06.03	21:31	72° 1.01' N	14° 44.19' E	1280.0	NNW 5	195.1	5.0	HydroSweep/F	HS_PS	Information	alter course WP11
PS64/309-1	27.06.03	21:57	71° 59.04' N	14° 44.21' E	1303.0	NNW 4	183.1	4.6	HydroSweep/F	HS_PS	Information	alter course WP12
PS64/309-1	27.06.03	22:12	71° 58.98' N	14° 44.94' E	1298.0	NNW 4	353.3	5.0	HydroSweep/F	HS_PS	Information	alter course WP13
PS64/309-1	27.06.03	22:38	72° 0.97' N	14° 44.86' E	1272.0	NNW 4	1.3	4.7	HydroSweep/F	HS_PS	Information	alter course WP14
PS64/309-1	27.06.03	22:51	72° 1.04' N	14° 45.57' E	1267.0	N 4	194.1	4.0	HydroSweep/F	HS_PS	Information	alter course WP15
PS64/309-1	27.06.03	23:21	71° 59.03' N	14° 45.50' E	1295.0	N 5	178.5	4.3	HydroSweep/F	HS_PS	Information	alter course WP16
PS64/309-1	27.06.03	23:36	71° 58.98' N	14° 46.30' E	1287.0	NNW 4	356.5	4.4	HydroSweep/F	HS_PS	Information	alter course WP17

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/309-1	28.06.03	00:02	72° 0.98' N	14° 46.07' E	1261.0	N 3	356.2	5.9	HydroSweep/F HS_PS		alter course	WP 18	
PS64/309-1	28.06.03	00:17	72° 0.98' N	14° 45.94' E	1263.0	NNE 3	175.9	5.6	HydroSweep/F HS_PS		alter course	WP 19	
PS64/309-1	28.06.03	00:40	71° 59.04' N	14° 45.85' E	1292.0	N 3	182.3	5.3	HydroSweep/F HS_PS		alter course	WP 20	
PS64/309-1	28.06.03	00:50	71° 58.96' N	14° 45.21' E	1295.0	N 2	0.5	5.5	HydroSweep/F HS_PS		alter course	WP 21	
PS64/309-1	28.06.03	01:14	72° 1.01' N	14° 45.12' E	1271.0	N 2	2.0	5.5	HydroSweep/F HS_PS		alter course	WP 22	
PS64/309-1	28.06.03	01:25	72° 1.05' N	14° 44.52' E	1278.0	NNW 2	173.7	5.6	HydroSweep/F HS_PS		alter course	WP 23	
PS64/309-1	28.06.03	01:57	71° 59.01' N	14° 44.58' E	1301.0	NNW 2	181.4	5.0	HydroSweep/F HS_PS		alter course	WP 24	
PS64/309-1	28.06.03	02:07	71° 58.92' N	14° 44.04' E	1305.0	WNW 1	359.7	5.5	HydroSweep/F HS_PS		alter course	WP 25	
PS64/309-1	28.06.03	02:41	72° 1.01' N	14° 43.77' E	1283.0	NNW 2	359.8	5.4	HydroSweep/F HS_PS		alter course	WP26	
PS64/309-1	28.06.03	02:52	72° 1.08' N	14° 43.40' E	1288.0	NNW 3	181.2	5.5	HydroSweep/F HS_PS		alter course	WP 27	
PS64/309-1	28.06.03	03:27	71° 59.05' N	14° 43.32' E	1310.0	NNW 3	179.5	4.8	HydroSweep/F HS_PS		alter course	WP 28	
PS64/309-1	28.06.03	03:37	71° 58.96' N	14° 42.60' E	1316.0	NNW 2	6.1	5.1	HydroSweep/F HS_PS		alter course	WP 29	
PS64/309-1	28.06.03	04:00	72° 0.99' N	14° 42.57' E	1294.0	NNW 3	359.0	5.4	HydroSweep/F HS_PS		alter course	WP30 erreicht	
PS64/309-1	28.06.03	04:16	72° 0.96' N	14° 42.10' E	1298.0	NNW 4	185.1	4.6	HydroSweep/F HS_PS		alter course	WP31 erreicht	
PS64/309-1	28.06.03	04:41	71° 59.05' N	14° 42.01' E	1318.0	N 4	175.1	4.6	HydroSweep/F HS_PS		alter course	WP32 erreicht	
PS64/309-1	28.06.03	04:54	71° 58.98' N	14° 41.31' E	1324.0	N 4	5.4	5.6	HydroSweep/F HS_PS		alter course	WP33 erreicht	
PS64/309-1	28.06.03	05:17	72° 0.95' N	14° 41.34' E	1305.0	NNE 3	356.0	4.2	HydroSweep/F HS_PS		alter course	WP34 erreicht	
PS64/309-1	28.06.03	05:45	72° 0.23' N	14° 43.74' E	1286.0	NNE 2	189.4	1.8	HydroSweep/F HS_PS		profile end		
PS64/310-1	28.06.03	06:06	72° 0.23' N	14° 43.58' E	1287.0	NE 3	326.9	0.0	CTD/rosette w CTD/RO		surface		
PS64/310-1	28.06.03	06:36	72° 0.23' N	14° 43.49' E	1287.0	NE 2	50.8	0.2	CTD/rosette w CTD/RO		at depth	EL31 1257 m ausgesteckt	
PS64/310-1	28.06.03	07:06	72° 0.24' N	14° 43.43' E	1286.0	ESE 3	327.7	0.0	CTD/rosette w CTD/RO		on deck		
PS64/311-1	28.06.03	07:25	72° 0.26' N	14° 43.47' E	1287.0	ESE 2	274.7	0.6	Multi corer	MUC	surface		
PS64/311-1	28.06.03	07:30	72° 0.26' N	14° 43.46' E	1286.0	SE 2	160.2	0.3	Multi corer	MUC	information	Abbruch wegen Kamera- Justierung	
PS64/311-1	28.06.03	07:37	72° 0.25' N	14° 43.51' E	1287.0	ESE 2	279.6	0.2	Multi corer	MUC	surface	2. Versuch GE 72.1 - 1262 m	
PS64/311-1	28.06.03	08:12	72° 0.25' N	14° 43.50' E	1287.0	SE 2	59.0	0.6	Multi corer	MUC	at sea bottom		
PS64/311-1	28.06.03	08:40	72° 0.25' N	14° 43.56' E	1287.0	SSE 2	84.7	0.1	Multi corer	MUC	on deck		
PS64/312-1	28.06.03	09:33	72° 0.27' N	14° 43.51' E	1287.0	SW 0	69.7	0.5	Multi corer	MUC	surface		
PS64/312-1	28.06.03	10:02	72° 0.25' N	14° 43.49' E	1287.0	SSW 1	275.3	0.2	Multi corer	MUC	at sea bottom	GE72.1 - 1263 m	
PS64/312-1	28.06.03	10:31	72° 0.27' N	14° 43.45' E	1284.5	SSW 0	246.6	0.3	Multi corer	MUC	on deck		
PS64/313-1	28.06.03	11:14	72° 0.27' N	14° 43.43' E	1284.2	SW 0	189.2	0.3	Multi corer	MUC	surface		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/313-1	28.06.03	11:43	72° 0.26' N	14° 43.49' E	1283.7	ESE 1	6.1	0.3	Multi corer	MUC	at sea bottom	GE72.1 - 1162 m	
PS64/313-1	28.06.03	12:08	72° 0.30' N	14° 43.54' E	1284.0	SSW 0	8.6	0.7	Multi corer	MUC	on deck		
PS64/314-1	28.06.03	12:40	72° 0.24' N	14° 43.58' E	1284.5	SSE 1	165.5	0.1	Multi corer	MUC	surface		
PS64/314-1	28.06.03	13:11	72° 0.25' N	14° 43.54' E	1286.0	SSE 1	269.7	0.0	Multi corer	MUC	at sea bottom	1262 m	
PS64/314-1	28.06.03	13:41	72° 0.24' N	14° 43.43' E	1286.0	SE 2	237.3	0.2	Multi corer	MUC	on deck		
PS64/315-1	28.06.03	13:53	72° 0.25' N	14° 43.58' E	1288.0	SE 1	113.0	0.5	CTD/rosette w CTD/RO		surface		
PS64/315-1	28.06.03	14:24	72° 0.24' N	14° 43.65' E	1287.0	SSE 1	264.8	0.0	CTD/rosette w CTD/RO		at depth	1259 m	
PS64/315-1	28.06.03	14:51	72° 0.24' N	14° 43.49' E	1287.0	SE 2	254.9	0.0	CTD/rosette w CTD/RO		on deck		
												MPI Lander UKW Sender 154,585 KHz schon vorher getestet	
PS64/316-1	28.06.03	15:20	72° 0.23' N	14° 43.12' E	1285.0	ESE 2	259.9	0.0	Bottom lander	LANDER	surface		
PS64/316-1	28.06.03	16:44	72° 0.24' N	14° 42.95' E	1286.0	SSE 3	131.2	0.1	Bottom lander	LANDER	released		
PS64/316-1	28.06.03	17:14	72° 0.29' N	14° 43.36' E	1287.0	ESE 3	193.4	0.2	Bottom lander	LANDER	Information	Releaser an Deck Shuttle zu Wasser und geslipt	
PS64/317-1	28.06.03	17:58	72° 0.29' N	14° 43.45' E	1285.0	SE 3	308.7	0.6	Remote opera	ROV	Shuttle		
PS64/317-1	28.06.03	19:00	72° 0.32' N	14° 44.40' E	1290.0	S 3	293.0	0.4	Remote opera	ROV	surface	VICTOR 6000	
PS64/317-1	28.06.03	19:10	72° 0.33' N	14° 44.54' E	1290.0	SE 2	149.3	0.4	Remote opera	ROV	Depressor into water		
PS64/317-1	28.06.03	20:22	72° 0.27' N	14° 43.75' E	1287.0	SSE 3	338.3	0.1	Remote opera	ROV	at depth		
PS64/317-1	28.06.03	20:42	72° 0.27' N	14° 43.69' E	1287.0	SSE 4	245.9	0.2	Remote opera	ROV	Information	VICTOR at position of shuttle	
PS64/317-1	28.06.03	21:08	72° 0.37' N	14° 43.39' E	1285.0	S 3	336.0	0.4	Remote opera	ROV	Information	stopping continuing in n direction	
PS64/317-1	28.06.03	22:04	72° 0.39' N	14° 43.45' E	1287.0	SSE 4	328.8	0.1	Remote opera	ROV	Information	stopping for survey with VICTOR	
PS64/317-1	28.06.03	22:13	72° 0.43' N	14° 43.44' E	1287.0	SSE 4	24.7	0.3	Remote opera	ROV	Information		
PS64/317-1	29.06.03	20:26	72° 0.17' N	14° 43.88' E	1287.0	NNW 1	302.2	0.2	Remote opera	ROV	Information	proceeding to WNW to Lander-position	
PS64/317-1	29.06.03	20:48	72° 0.24' N	14° 43.04' E	1287.0	NNW 1	302.0	0.4	Remote opera	ROV	Information	stopping at Lander-Site	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/317-1	29.06.03	20:56	72° 0.24' N	14° 43.03' E	1286.0	NNE 1	207.7	0.1	Remote opera	ROV		coming back to the surface	starting heaving VICTOR
PS64/317-1	29.06.03	21:42	72° 0.27' N	14° 42.85' E	1290.0	ESE 1	264.3	0.3	Remote opera	ROV		coming back to the surface	Depressor surfaced
PS64/317-1	29.06.03	21:43	72° 0.27' N	14° 42.83' E	1289.0	SE 1	266.0	0.2	Remote opera	ROV		Depressor on deck	
PS64/317-1	29.06.03	21:47	72° 0.27' N	14° 42.81' E	1290.0	E 1	267.0	0.0	Remote opera	ROV		coming back to the surface	VICTOR surfaced
PS64/317-1	29.06.03	22:13	72° 0.28' N	14° 43.35' E	1287.0	ENE 1	83.2	0.3	Remote opera	ROV		on deck	VICTOR 6000
PS64/317-1	29.06.03	22:41	72° 0.31' N	14° 45.49' E	1280.0	S 1	89.0	2.3	Remote opera	ROV		Shuttle	released
PS64/317-1	29.06.03	22:43	72° 0.31' N	14° 45.63' E	1278.0	SE 1	86.2	0.2	Remote opera	ROV		Shuttle	answering to POSIDONIA system and coming up
PS64/317-1	29.06.03	23:00	72° 0.31' N	14° 45.31' E	1281.0	ESE 2	268.6	1.3	Remote opera	ROV		Shuttle	surfaced
PS64/317-1	29.06.03	23:09	72° 0.30' N	14° 44.61' E	1290.0	ESE 1	76.7	0.3	Remote opera	ROV		Shuttle	zodiac at the shuttle
PS64/317-1	29.06.03	23:12	72° 0.30' N	14° 44.69' E	1289.0	ESE 1	81.3	0.6	Remote opera	ROV		Shuttle	float on crane-hook
PS64/317-1	29.06.03	23:21	72° 0.31' N	14° 45.02' E	1287.0	SSE 2	76.1	1.1	Remote opera	ROV		Shuttle	on deck
PS64/318-1	29.06.03	23:28	72° 0.25' N	14° 44.60' E	1290.0	ESE 1	263.0	1.9	Bottom lander	LANDER		Information	hydrphone into the water - recovery of lander station number 316-1
PS64/318-1	29.06.03	23:38	72° 0.25' N	14° 44.49' E	1292.0	S 1	102.9	0.3	Bottom lander	LANDER		released	both releasers, but no answer hydrophone on deck
PS64/318-1	29.06.03	23:45	72° 0.25' N	14° 44.68' E	1290.0	SSW 1	91.4	0.7	Bottom lander	LANDER		Information	
PS64/318-1	30.06.03	00:06	72° 0.20' N	14° 43.90' E	1289.0	WSW 1	50.1	0.4	Bottom lander	LANDER		Information	aufgetaucht
PS64/318-1	30.06.03	00:19	72° 0.26' N	14° 43.97' E	1288.0	SSE 1	59.0	0.9	Bottom lander	LANDER		on Deck	
PS64/319-1	30.06.03	01:34	72° 0.84' N	14° 42.26' E	1300.0	WSW 1	206.1	0.2	Heat Flow	HF		in the water	
PS64/319-1	30.06.03	02:01	72° 0.83' N	14° 42.27' E	1298.0	S 1	274.1	0.3	Heat Flow	HF		at the bottom	1287 m Meßzeit 14 Minuten
PS64/319-1	30.06.03	02:15	72° 0.84' N	14° 42.27' E	1300.0	SE 1	36.5	0.2	Heat Flow	HF		off bottom	vom Grund

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/319-1	30.06.03	02:39	72° 0.71' N	14° 42.62' E	1297.0	E 1	322.9	0.2	Heat Flow	HF	at the bottom	1276 m 14 Minuten Meßzeit	
PS64/319-1	30.06.03	02:54	72° 0.72' N	14° 42.64' E	1297.0	NE 2	66.8	0.3	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	03:18	72° 0.58' N	14° 42.89' E	1296.0	N 0	235.2	0.3	Heat Flow	HF	at the bottom	1280 m	
PS64/319-1	30.06.03	03:34	72° 0.59' N	14° 42.92' E	1296.0	ENE 1	112.6	0.2	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	03:51	72° 0.49' N	14° 43.14' E	1296.0	E 1	334.9	0.0	Heat Flow	HF	at the bottom	1276 m	
PS64/319-1	30.06.03	04:05	72° 0.49' N	14° 43.13' E	1295.0	NE 1	76.7	0.2	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	04:22	72° 0.40' N	14° 43.32' E	1286.0	ESE 2	38.9	0.2	Heat Flow	HF	at the bottom	1268 m ausgesteckt	
PS64/319-1	30.06.03	04:36	72° 0.41' N	14° 43.31' E	1284.0	ESE 2	79.8	0.2	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	04:50	72° 0.36' N	14° 43.44' E	1285.0	ESE 2	334.7	0.0	Heat Flow	HF	at the bottom	1271 m ausgesteckt	
PS64/319-1	30.06.03	05:05	72° 0.36' N	14° 43.42' E	1285.0	NE 1	93.8	0.2	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	05:20	72° 0.31' N	14° 43.57' E	1285.0	ESE 2	334.6	0.0	Heat Flow	HF	at the bottom	1268 m ausgesteckt	
PS64/319-1	30.06.03	05:27	72° 0.31' N	14° 43.58' E	1286.0	ESE 2	334.5	0.0	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	05:43	72° 0.26' N	14° 43.66' E	1288.0	E 1	83.4	0.2	Heat Flow	HF	at the bottom	1270 m ausgesteckt	
PS64/319-1	30.06.03	05:57	72° 0.26' N	14° 43.67' E	1289.0	ESE 1	38.0	0.3	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	06:11	72° 0.21' N	14° 43.76' E	1288.0	E 2	334.5	0.0	Heat Flow	HF	at the bottom	1269 m ausgesteckt	
PS64/319-1	30.06.03	06:27	72° 0.22' N	14° 43.77' E	1287.0	E 2	114.7	0.1	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	06:41	72° 0.18' N	14° 43.87' E	1287.0	ESE 2	333.8	0.0	Heat Flow	HF	at the bottom	1267 m ausgesteckt	
PS64/319-1	30.06.03	06:56	72° 0.17' N	14° 43.88' E	1289.0	E 2	117.8	0.1	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	07:13	72° 0.09' N	14° 44.09' E	1290.0	ESE 2	334.6	0.0	Heat Flow	HF	at the bottom	1278 m ausgesteckt	
PS64/319-1	30.06.03	07:29	72° 0.08' N	14° 44.09' E	1292.0	E 2	207.8	0.5	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	07:51	71° 59.95' N	14° 44.38' E	1293.0	ESE 2	334.0	0.0	Heat Flow	HF	at the bottom	1277 m ausgesteckt	
PS64/319-1	30.06.03	08:08	71° 59.95' N	14° 44.38' E	1290.0	E 2	334.1	0.0	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	08:28	71° 59.82' N	14° 44.70' E	1289.0	ESE 3	334.3	0.0	Heat Flow	HF	at the bottom	GE72.1 - 1273 m	
PS64/319-1	30.06.03	08:45	71° 59.82' N	14° 44.70' E	1292.0	ESE 3	210.7	0.2	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	09:01	71° 59.74' N	14° 44.90' E	1290.0	SE 3	294.4	0.2	Heat Flow	HF	at the bottom	GE72.1 - 1276 m	
PS64/319-1	30.06.03	09:19	71° 59.73' N	14° 44.94' E	1288.0	SE 3	333.9	0.0	Heat Flow	HF	off bottom		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/319-1	30.06.03	09:39	71° 59.62' N	14° 45.10' E	1290.0	SE 2	355.0	0.1	Heat Flow	HF	at the bottom	GE72.1 - 1270 m	
PS64/319-1	30.06.03	09:57	71° 59.61' N	14° 45.08' E	1289.0	SE 3	335.9	0.3	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	10:33	71° 59.37' N	14° 45.63' E	1287.0	SSE 3	334.5	0.0	Heat Flow	HF	at the bottom	GE72.1 - 1270 m	
PS64/319-1	30.06.03	10:53	71° 59.37' N	14° 45.64' E	1287.0	SE 3	125.6	0.1	Heat Flow	HF	off bottom		
PS64/319-1	30.06.03	11:21	71° 59.40' N	14° 45.74' E	1286.0	S 3	334.2	0.0	Heat Flow	HF	on deck		
PS64/320-1	30.06.03	12:02	72° 0.20' N	14° 43.87' E	1288.0	SSE 3	318.0	0.2	CTD/rosette w CTD/RO		surface		
PS64/320-1	30.06.03	12:30	72° 0.16' N	14° 43.88' E	1289.0	SSE 2	156.0	0.3	CTD/rosette w CTD/RO		at depth	1261 m	
PS64/320-1	30.06.03	13:02	72° 0.16' N	14° 43.93' E	1289.0	SE 2	10.1	0.1	CTD/rosette w CTD/RO		on deck		
PS64/321-1	30.06.03	13:06	72° 0.17' N	14° 43.88' E	1287.0	SE 1	277.7	0.4	Multi corer	MUC	surface		
PS64/321-1	30.06.03	13:36	72° 0.17' N	14° 43.85' E	1287.0	SSE 2	330.0	0.0	Multi corer	MUC	at sea bottom	1262 m	
PS64/321-1	30.06.03	14:01	72° 0.17' N	14° 43.90' E	1289.0	SSW 1	330.4	0.0	Multi corer	MUC	on deck		
PS64/322-1	30.06.03	14:29	72° 0.17' N	14° 43.85' E	1289.0	SW 1	330.1	0.0	Multi corer	MUC	surface		
PS64/322-1	30.06.03	15:02	72° 0.18' N	14° 43.85' E	1289.0	SSW 2	235.6	0.2	Multi corer	MUC	at sea bottom	1262m	
PS64/322-1	30.06.03	15:29	72° 0.17' N	14° 43.84' E	1288.0	SSW 2	6.2	0.2	Multi corer	MUC	on deck		
PS64/323-1	30.06.03	15:55	72° 0.17' N	14° 43.82' E	1290.0	W 2	235.9	0.3	Multi corer	MUC	surface		
PS64/323-1	30.06.03	16:30	72° 0.19' N	14° 43.81' E	1288.0	SW 0	277.4	0.3	Multi corer	MUC	at sea bottom	GE72.1 1259 m ausgesteckt	
PS64/323-1	30.06.03	17:00	72° 0.19' N	14° 43.78' E	1288.0	SW 3	310.4	0.1	Multi corer	MUC	on deck		
PS64/324-1	30.06.03	17:19	72° 0.18' N	14° 43.79' E	1286.0	WSW 2	132.5	0.3	Multi corer	MUC	surface		
PS64/324-1	30.06.03	17:46	72° 0.18' N	14° 43.81' E	1286.0	WSW 2	301.9	0.1	Multi corer	MUC	at sea bottom	GE72.1 1258 m ausgesteckt	
PS64/324-1	30.06.03	18:13	72° 0.29' N	14° 43.60' E	1286.0	WSW 2	151.6	0.2	Multi corer	MUC	on deck		
PS64/325-1	30.06.03	18:48	72° 0.18' N	14° 43.80' E	1287.0	WNW 2	123.5	0.1	Bottom lander	LANDER	surface		
PS64/325-1	30.06.03	18:49	72° 0.18' N	14° 43.80' E	1286.0	WNW 2	162.3	0.2	Bottom lander	LANDER	Information	Lander geslipt	
PS64/326-1	30.06.03	19:36	71° 59.99' N	14° 43.84' E	1291.0	WSW 2	101.6	0.2	Remote opera	ROV	Shuttle	Shuttle geslipt	
PS64/326-1	30.06.03	23:35	72° 0.54' N	14° 43.30' E	1297.0	SW 3	94.7	0.5	Remote opera	ROV	surface		
PS64/326-1	30.06.03	23:45	72° 0.55' N	14° 43.55' E	1293.0	SW 3	86.1	0.6	Remote opera	ROV	Depressor into water		
PS64/326-1	01.07.03	01:30	72° 0.45' N	14° 42.71' E	1299.0	WSW 3	134.3	0.5	Remote opera	ROV	Information	Beginn Mosaicking Kurs 123 ° 500m	
PS64/326-1	01.07.03	01:55	72° 0.33' N	14° 43.40' E	1289.0	SW 3	214.3	0.2	Remote opera	ROV	Information	Stopp WP 1	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/326-1	01.07.03	02:30	72° 0.30' N	14° 43.46' E	1287.0	W 3	267.3	0.0	Remote opera	ROV	Information	go ahead	
PS64/326-1	01.07.03	03:22	72° 0.08' N	14° 44.23' E	1291.0	WSW 3	122.9	0.1	Remote opera	ROV	Information	direction SE	
PS64/326-1	01.07.03	03:34	72° 0.11' N	14° 44.19' E	1290.0	W 3	34.1	0.2	Remote opera	ROV	Information	Stopp	
PS64/326-1	01.07.03	04:20	72° 0.39' N	14° 44.36' E	1292.0	WSW 2	305.2	0.4	Remote opera	ROV	Information	Heading North	
PS64/326-1	01.07.03	05:45	72° 0.16' N	14° 42.75' E	1293.0	WSW 3	202.4	1.0	Remote opera	ROV	Information	Heading to the SW	
PS64/326-1	01.07.03	06:35	72° 0.15' N	14° 44.06' E	1287.0	W 3	245.1	0.7	Remote opera	ROV	Information	Heading to the East	
PS64/326-1	01.07.03	06:45	72° 0.09' N	14° 43.80' E	1288.0	W 3	254.8	0.4	Remote opera	ROV	Information	Heading to the South	
PS64/326-1	01.07.03	07:25	72° 0.04' N	14° 42.81' E	1294.0	W 3	148.7	0.9	Remote opera	ROV	Information	Heading to the West	
PS64/326-1	01.07.03	07:31	72° 0.01' N	14° 43.00' E	1292.0	WNW 4	197.2	0.2	Remote opera	ROV	Information	Heading to the South	
PS64/326-1	01.07.03	08:12	71° 59.95' N	14° 43.99' E	1293.0	WNW 4	78.1	0.6	Remote opera	ROV	Information	Heading to the East	
PS64/326-1	01.07.03	08:52	72° 0.24' N	14° 44.03' E	1287.0	W 3	354.9	0.4	Remote opera	ROV	Information	turning to N	
PS64/326-1	01.07.03	09:05	72° 0.24' N	14° 44.07' E	1288.0	WNW 2	17.2	0.2	Remote opera	ROV	Information	Stopp	
PS64/326-1	01.07.03	09:35	72° 0.49' N	14° 44.06' E	1289.0	W 2	354.4	0.7	Remote opera	ROV	Information	proceeding to N	
PS64/326-1	01.07.03	09:55	72° 0.37' N	14° 43.55' E	1285.0	W 3	217.2	0.6	Remote opera	ROV	Information	turning to the SW	
PS64/326-1	01.07.03	10:25	72° 0.34' N	14° 43.58' E	1288.0	WNW 2	98.4	0.2	Remote opera	ROV	Information	stopp	
PS64/326-1	01.07.03	10:38	72° 0.21' N	14° 43.60' E	1289.0	W 3	179.6	0.7	Remote opera	ROV	Information	heading S	
PS64/326-1	01.07.03	10:42	72° 0.19' N	14° 43.56' E	1287.0	W 2	265.6	0.2	Remote opera	ROV	Information	stopp	
PS64/326-1	01.07.03	10:55	72° 0.11' N	14° 43.96' E	1288.0	WNW 2	115.1	0.8	Remote opera	ROV	Information	turning to course 120°	
PS64/326-1	01.07.03	11:29	72° 0.08' N	14° 43.96' E	1289.0	WNW 2	270.2	0.0	Remote opera	ROV	Information	stopp	
PS64/326-1	01.07.03	11:37	72° 0.08' N	14° 44.21' E	1291.0	WNW 3	86.4	0.4	Remote opera	ROV	Information	proceeding appr. 100 m eastwards	
PS64/326-1	01.07.03	11:56	72° 0.05' N	14° 44.20' E	1291.0	WNW 2	260.6	0.4	Remote opera	ROV	Information	stopp	
PS64/326-1	01.07.03	12:54	71° 59.97' N	14° 43.86' E	1296.0	WNW 3	323.6	0.3	Remote opera	ROV	Information	moving appr. 200 m to SW	
												moving for one tool 150m to west	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/326-1	01.07.03	13:05	71° 59.96' N	14° 43.64' E	1293.0	NW 3	224.8	0.4	Remote opera	ROV	Information	Stopp Aussetzen eines Gerätes
PS64/326-1	01.07.03	13:08	71° 59.96' N	14° 43.64' E	1292.0	NW 2	138.6	0.3	Remote opera	ROV	Information	new Position for Mic move 22° 406 m
PS64/326-1	01.07.03	13:34	72° 0.12' N	14° 43.84' E	1290.0	W 3	67.9	0.3	Remote opera	ROV	Information	Stopp for Deployment fish trap
PS64/326-1	01.07.03	23:05	72° 0.06' N	14° 43.64' E	1286.0	NNW 3	285.5	0.0	Remote opera	ROV	Information	heading north
PS64/326-1	01.07.03	23:22	72° 0.26' N	14° 43.69' E	1288.0	WSW 1	333.4	0.6	Remote opera	ROV	Information	stopp
PS64/326-1	01.07.03	23:31	72° 0.29' N	14° 43.61' E	1289.0	WNW 2	16.4	0.2	Remote opera	ROV	Information	proceeding W
PS64/326-1	01.07.03	23:46	72° 0.29' N	14° 43.28' E	1286.0	NW 2	50.0	0.2	Remote opera	ROV	Information	stopp
PS64/326-1	02.07.03	01:00	72° 0.23' N	14° 43.05' E	1286.0	WSW 1	94.2	0.8	Remote opera	ROV	Information	proceeding to East 300 m
PS64/326-1	02.07.03	01:27	72° 0.24' N	14° 43.27' E	1288.0	NW 1	278.0	0.0	Remote opera	ROV	Information	Stopp
PS64/326-1	02.07.03	01:41	72° 0.22' N	14° 43.27' E	1288.0	NNW 1	261.2	0.2	Remote opera	ROV	Information	proceeding to west 180 m
PS64/326-1	02.07.03	01:56	72° 0.22' N	14° 42.97' E	1286.0	NNW 1	316.5	0.1	Remote opera	ROV	Information	stopp
PS64/326-1	02.07.03	02:24	72° 0.24' N	14° 42.94' E	1288.0	NNW 1	265.5	0.3	Remote opera	ROV	Information	proceed to WP 1 064° 340 m
PS64/326-1	02.07.03	03:05	72° 0.36' N	14° 43.34' E	1286.0	NNW 1	258.3	0.0	Remote opera	ROV	Information	
PS64/326-1	02.07.03	07:31	72° 0.20' N	14° 43.86' E	1288.0	SSE 1	223.3	0.0	Remote opera	ROV	Information	coming back to the surface
PS64/326-1	02.07.03	08:13	72° 0.05' N	14° 43.06' E	1289.0	SSE 2	225.5	0.4	Remote opera	ROV	Information	coming back to the surface Depressor surfaced
PS64/326-1	02.07.03	08:15	72° 0.05' N	14° 43.02' E	1290.0	SSE 2	239.8	0.4	Remote opera	ROV	Information	Depressor on deck
PS64/326-1	02.07.03	08:17	72° 0.04' N	14° 43.00' E	1290.0	SE 2	250.7	0.2	Remote opera	ROV	Information	coming back to the surface
PS64/326-1	02.07.03	08:41	72° 0.06' N	14° 42.98' E	1291.0	ESE 2	213.7	0.3	Remote opera	ROV	Information	on deck VICTOR surfaced
PS64/326-1	02.07.03	08:49	72° 0.08' N	14° 43.02' E	1291.0	SE 2	315.1	0.8	Remote opera	ROV	Shuttle	released
PS64/326-1	02.07.03	09:08	72° 0.07' N	14° 43.19' E	1290.0	SE 2	290.0	1.0	Remote opera	ROV	Shuttle	surfaced
PS64/326-1	02.07.03	09:23	72° 0.11' N	14° 44.32' E	1292.0	SSE 2	76.2	1.0	Remote opera	ROV	Shuttle	boat at shuttle
PS64/326-1	02.07.03	09:25	72° 0.12' N	14° 44.41' E	1291.0	SSE 2	58.4	0.7	Remote opera	ROV	Shuttle	on crane hook



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/327-1	02.07.03	09:26	72° 0.12' N	14° 44.43' E	1291.0	SSE 2	44.7	0.3	Bottom lander	LANDER	Information	Hydrophone in the water; Recovery of LANDER Station 325	
PS64/326-1	02.07.03	09:28	72° 0.13' N	14° 44.42' E	1290.0	SSE 2	315.7	0.1	Remote opera	ROV	Shuttle	on deck	
PS64/327-1	02.07.03	09:30	72° 0.13' N	14° 44.41' E	1292.0	SSE 2	44.0	0.0	Bottom lander	LANDER	released		
PS64/327-1	02.07.03	09:35	72° 0.12' N	14° 44.36' E	1292.0	SE 2	30.0	0.8	Bottom lander	LANDER	Information	Hydrophone on deck	
PS64/327-1	02.07.03	09:53	71° 59.93' N	14° 44.55' E	1290.0	SE 3	103.7	0.6	Bottom lander	LANDER	Information	surfaced	
PS64/327-1	02.07.03	10:05	72° 0.22' N	14° 44.32' E	1287.0	SE 2	16.9	0.5	Bottom lander	LANDER	on Deck		
PS64/328-1	02.07.03	10:26	72° 0.17' N	14° 43.86' E	1287.0	SE 2	292.9	0.2	CTD/rosette w	CTD/RO	surface		
PS64/328-1	02.07.03	10:56	72° 0.15' N	14° 43.83' E	1287.0	SE 2	264.6	0.0	CTD/rosette w	CTD/RO	at depth	EL31 - 1261 m	
PS64/328-1	02.07.03	11:28	72° 0.16' N	14° 43.81' E	1288.0	SE 1	52.6	0.2	CTD/rosette w	CTD/RO	on deck		
PS64/329-1	02.07.03	11:43	72° 0.16' N	14° 43.83' E	1289.0	SE 1	319.4	0.1	Bottom water ε	BWS	surface		
PS64/329-1	02.07.03	12:26	72° 0.15' N	14° 43.84' E	1288.0	ESE 1	266.8	0.0	Bottom water ε	BWS	at sea bottom	1258 m	
PS64/329-1	02.07.03	12:31	72° 0.16' N	14° 43.85' E	1288.0	SE 1	11.4	0.1	Bottom water ε	BWS	off bottom		
PS64/329-1	02.07.03	13:03	72° 0.15' N	14° 43.86' E	1288.0	E 1	336.5	0.4	Bottom water ε	BWS	on deck		
PS64/330-1	02.07.03	13:19	72° 0.31' N	14° 43.52' E	1288.0	SSW 0	64.3	0.5	Gravity corer	GC	surface		
PS64/330-1	02.07.03	13:39	72° 0.30' N	14° 43.60' E	1287.0	SSE 0	73.9	0.1	Gravity corer	GC	at sea bottom	1258 m	
PS64/330-1	02.07.03	13:49	72° 0.30' N	14° 43.60' E	1286.0	E 0	244.0	0.0	Gravity corer	GC	off ground		
PS64/330-1	02.07.03	14:13	72° 0.35' N	14° 43.84' E	1287.0	N 0	243.9	0.0	Gravity corer	GC	hoisting		
PS64/331-1	02.07.03	14:22	72° 0.30' N	14° 43.65' E	1287.0	N 0	215.6	0.3	Gravity corer	GC	on deck		
PS64/331-1	02.07.03	14:24	72° 0.30' N	14° 43.64' E	1287.0	NW 0	130.2	0.1	CTD/rosette w	CTD/RO	surface	noch mal an Deck	
PS64/331-1	02.07.03	14:46	72° 0.29' N	14° 43.61' E	1288.0	NNW 0	31.0	0.1	CTD/rosette w	CTD/RO	Information		
PS64/331-1	02.07.03	15:10	72° 0.31' N	14° 43.64' E	1286.0	ESE 1	254.6	0.0	CTD/rosette w	CTD/RO	at depth	1257 m	
PS64/331-1	02.07.03	15:33	72° 0.31' N	14° 43.66' E	1288.0	NNE 1	11.0	0.1	CTD/rosette w	CTD/RO	on deck		
PS64/332-1	02.07.03	16:18	72° 0.26' N	14° 43.69' E	1287.0	NNE 1	232.0	0.4	Gravity corer	GC	surface	mit Temperatur-Sensoren	
PS64/332-1	02.07.03	16:37	72° 0.28' N	14° 43.57' E	1288.0	NNE 2	284.0	0.0	Gravity corer	GC	at sea bottom	GE52.2 1264 m	
PS64/332-1	02.07.03	16:45	72° 0.28' N	14° 43.56' E	1287.0	N 2	72.6	0.1	Gravity corer	GC	off ground	ausgesteckt	
PS64/332-1	02.07.03	17:10	72° 0.29' N	14° 43.62' E	1287.0	NNW 2	38.4	0.1	Gravity corer	GC	hoisting		
PS64/332-1	02.07.03	17:10	72° 0.29' N	14° 43.62' E	1287.0	NNW 2	38.4	0.1	Gravity corer	GC	on deck		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/333-1	02.07.03	17:47	72° 0.23' N	14° 42.63' E	1293.0	NW 2	273.8	0.3	Heat Flow	HF	in the water	mit POSIDONIA- Transponder 52.2 1271 m
PS64/333-1	02.07.03	18:21	72° 0.25' N	14° 42.60' E	1294.0	NNW 2	90.9	0.1	Heat Flow	HF	at the bottom	ausgesteckt
PS64/333-1	02.07.03	18:38	72° 0.25' N	14° 42.58' E	1293.0	NNW 3	206.6	0.1	Heat Flow	HF	off bottom	
PS64/333-1	02.07.03	18:56	72° 0.24' N	14° 42.78' E	1291.0	NNW 2	274.2	0.0	Heat Flow	HF	at the bottom	GE52.2 1266 m
PS64/333-1	02.07.03	19:10	72° 0.24' N	14° 42.79' E	1288.0	N 3	349.6	0.2	Heat Flow	HF	off bottom	ausgesteckt
PS64/333-1	02.07.03	19:26	72° 0.24' N	14° 42.97' E	1285.0	N 2	274.0	0.0	Heat Flow	HF	at the bottom	GE52.2 1266 m
PS64/333-1	02.07.03	19:42	72° 0.24' N	14° 42.93' E	1286.0	N 3	273.9	0.0	Heat Flow	HF	off bottom	ausgesteckt
PS64/333-1	02.07.03	19:57	72° 0.24' N	14° 43.14' E	1295.0	N 3	78.9	0.2	Heat Flow	HF	at the bottom	GE52.2 1267 m
PS64/333-1	02.07.03	20:12	72° 0.23' N	14° 43.14' E	1285.0	NNE 4	233.8	0.1	Heat Flow	HF	off bottom	ausgesteckt
PS64/333-1	02.07.03	20:26	72° 0.24' N	14° 43.30' E	1286.0	NE 5	262.8	0.2	Heat Flow	HF	at the bottom	GE 52.2 - 1268
PS64/333-1	02.07.03	20:42	72° 0.24' N	14° 43.28' E	1287.0	NE 4	263.4	0.1	Heat Flow	HF	off bottom	m
PS64/333-1	02.07.03	20:55	72° 0.24' N	14° 43.50' E	1288.0	NE 4	78.5	0.2	Heat Flow	HF	at the bottom	GE52.2 - 1267
PS64/333-1	02.07.03	21:09	72° 0.24' N	14° 43.48' E	1288.0	NE 5	82.0	0.2	Heat Flow	HF	off bottom	m
PS64/333-1	02.07.03	21:25	72° 0.24' N	14° 43.65' E	1289.0	ENE 4	273.7	0.0	Heat Flow	HF	at the bottom	GE52.2 - 1270
PS64/333-1	02.07.03	21:39	72° 0.23' N	14° 43.67' E	1287.0	ENE 4	273.8	0.0	Heat Flow	HF	off bottom	m
PS64/333-1	02.07.03	21:50	72° 0.24' N	14° 43.84' E	1287.0	NE 8	273.9	0.0	Heat Flow	HF	at the bottom	GE52.2 - 1269
PS64/333-1	02.07.03	22:06	72° 0.24' N	14° 43.82' E	1287.0	ENE 5	274.1	0.0	Heat Flow	HF	off bottom	m
PS64/333-1	02.07.03	22:19	72° 0.25' N	14° 44.01' E	1287.0	NE 5	214.6	0.2	Heat Flow	HF	at the bottom	GE52.2 - 1269
PS64/333-1	02.07.03	22:35	72° 0.23' N	14° 43.99' E	1287.0	NE 6	221.4	0.1	Heat Flow	HF	off bottom	m
PS64/333-1	02.07.03	22:49	72° 0.24' N	14° 44.20' E	1289.0	NE 6	268.6	0.1	Heat Flow	HF	at the bottom	GE52.2 - 1268
PS64/333-1	02.07.03	23:03	72° 0.23' N	14° 44.19' E	1289.0	NE 6	335.0	0.2	Heat Flow	HF	off bottom	m
PS64/333-1	02.07.03	23:17	72° 0.23' N	14° 44.33' E	1291.0	NE 7	164.7	0.3	Heat Flow	HF	at the bottom	GE52.2 - 1272
PS64/333-1	02.07.03	23:31	72° 0.24' N	14° 44.33' E	1291.0	NNE 7	274.7	0.0	Heat Flow	HF	off bottom	m

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/333-1	02.07.03	23:44	72° 0.24' N	14° 44.49' E	1292.0	NE 7	179.1	0.1	Heat Flow	HF	at the bottom	GE 52.2 - 1270 m	
PS64/333-1	02.07.03	23:58	72° 0.23' N	14° 44.46' E	1290.0	NE 6	271.7	0.3	Heat Flow	HF	off bottom		
PS64/333-1	03.07.03	00:15	72° 0.25' N	14° 44.72' E	1289.0	NE 7	235.8	0.2	Heat Flow	HF	at the bottom		
PS64/333-1	03.07.03	00:29	72° 0.25' N	14° 44.72' E	1291.0	NE 7	253.8	0.2	Heat Flow	HF	off bottom		
												G.E. 52.2 1270 m Nr. 14 / 1. auf N-S Track	
PS64/333-1	03.07.03	01:07	72° 0.55' N	14° 43.71' E	1291.0	NE 5	114.6	0.1	Heat Flow	HF	at the bottom		
PS64/333-1	03.07.03	01:20	72° 0.55' N	14° 43.74' E	1291.0	NE 5	0.2	0.0	Heat Flow	HF	off bottom		
												GE 52.2 1267 m	
PS64/333-1	03.07.03	01:38	72° 0.48' N	14° 43.71' E	1288.0	NE 5	164.8	0.1	Heat Flow	HF	at the bottom		
PS64/333-1	03.07.03	01:51	72° 0.48' N	14° 43.70' E	1289.0	NE 4	0.1	0.0	Heat Flow	HF	off bottom		
PS64/333-1	03.07.03	02:07	72° 0.43' N	14° 43.72' E	1287.0	NE 5	0.3	0.0	Heat Flow	HF	at the bottom	1261 m	
PS64/333-1	03.07.03	02:21	72° 0.43' N	14° 43.72' E	1287.0	NNE 5	123.7	0.1	Heat Flow	HF	off bottom		
PS64/333-1	03.07.03	02:36	72° 0.38' N	14° 43.70' E	1286.0	NNE 5	195.5	0.1	Heat Flow	HF	at the bottom	1262 m	
PS64/333-1	03.07.03	02:50	72° 0.38' N	14° 43.71' E	1286.0	NNE 5	152.3	0.1	Heat Flow	HF	off bottom		
PS64/333-1	03.07.03	03:07	72° 0.32' N	14° 43.69' E	1286.0	NNE 6	0.3	0.0	Heat Flow	HF	at the bottom	1265 m	
PS64/333-1	03.07.03	03:20	72° 0.32' N	14° 43.70' E	1286.0	N 6	0.1	0.0	Heat Flow	HF	off bottom		
PS64/333-1	03.07.03	03:35	72° 0.28' N	14° 43.69' E	1287.0	N 5	35.6	0.1	Heat Flow	HF	at the bottom	1266 m	
PS64/333-1	03.07.03	03:48	72° 0.28' N	14° 43.68' E	1287.0	N 5	168.3	0.2	Heat Flow	HF	off bottom		
												GE52.2 1266 m ausgesteckt	
PS64/333-1	03.07.03	04:01	72° 0.22' N	14° 43.69' E	1289.0	N 5	231.3	0.2	Heat Flow	HF	at the bottom		
PS64/333-1	03.07.03	04:14	72° 0.23' N	14° 43.71' E	1292.0	N 5	107.1	0.1	Heat Flow	HF	off bottom		
												GE52.2 1266 m ausgesteckt	
PS64/333-1	03.07.03	04:34	72° 0.17' N	14° 43.67' E	1288.0	N 5	351.1	0.2	Heat Flow	HF	at the bottom		
PS64/333-1	03.07.03	04:47	72° 0.17' N	14° 43.69' E	1288.0	N 4	0.4	0.0	Heat Flow	HF	off bottom		
												GE52.2 1266 m ausgesteckt	
PS64/333-1	03.07.03	05:05	72° 0.11' N	14° 43.72' E	1288.0	N 4	0.6	0.0	Heat Flow	HF	at the bottom		
PS64/333-1	03.07.03	05:19	72° 0.11' N	14° 43.69' E	1289.0	N 4	67.3	0.4	Heat Flow	HF	off bottom		
												GE52.2 1269 m ausgesteckt	
PS64/333-1	03.07.03	05:35	72° 0.06' N	14° 43.69' E	1294.0	N 4	0.8	0.0	Heat Flow	HF	at the bottom		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/333-1	03.07.03	05:50	72° 0.06' N	14° 43.69' E	1289.0	N 4	145.7	0.3	Heat Flow	HF	Information	Profilende, Hieven Lance an Deck	
PS64/333-1	03.07.03	05:50	72° 0.06' N	14° 43.69' E	1289.0	N 4	145.7	0.3	Heat Flow	HF	off bottom		
PS64/333-1	03.07.03	06:23	72° 0.12' N	14° 44.20' E	1288.0	N 4	0.2	0.3	Heat Flow	HF	on deck		
PS64/334-1	03.07.03	06:46	71° 59.82' N	14° 44.44' E	1291.0	N 4	331.4	0.2	Remote opera	ROV	surface	VICTOR 6000	
PS64/334-1	03.07.03	06:56	71° 59.83' N	14° 44.48' E	1290.0	N 3	109.8	0.3	Remote opera	ROV	Depressor into water		
PS64/334-1	03.07.03	08:31	72° 0.03' N	14° 44.72' E	1289.0	NNW 3	25.6	0.2	Remote opera	ROV	at depth		
PS64/334-1	03.07.03	09:17	72° 0.03' N	14° 44.23' E	1292.0	NW 2	214.6	0.3	Remote opera	ROV	Information	moving to SW	
PS64/334-1	03.07.03	09:28	71° 59.97' N	14° 43.92' E	1291.0	N 2	236.4	0.5	Remote opera	ROV	Information	stopp	
PS64/334-1	03.07.03	09:40	71° 59.96' N	14° 43.91' E	1292.0	NNW 1	232.9	0.3	Remote opera	ROV	Information	turning off echo sounders due to POSIDONIA problems	
PS64/334-1	03.07.03	09:52	71° 59.95' N	14° 43.87' E	1285.6	NNW 1	130.3	0.3	Remote opera	ROV	Information	beginn survey; moving to W	
PS64/334-1	03.07.03	10:21	71° 59.94' N	14° 42.91' E	1288.0	NNW 1	273.0	0.9	Remote opera	ROV	Information	stopp	
PS64/334-1	03.07.03	10:58	71° 59.92' N	14° 42.80' E	1288.6	NW 2	240.2	0.1	Remote opera	ROV	Information	turning to E course	
PS64/334-1	03.07.03	11:47	71° 59.92' N	14° 44.08' E	1286.2	WNW 2	298.0	0.3	Remote opera	ROV	Information	turning to W course	
PS64/334-1	03.07.03	12:02	71° 59.96' N	14° 43.86' E	1285.8	W 2	303.4	0.2	Remote opera	ROV	Information	270° 0,6 kn	
PS64/334-1	03.07.03	12:40	71° 59.95' N	14° 42.83' E	1289.4	W 1	230.1	0.3	Remote opera	ROV	Information	stopp	
PS64/334-1	03.07.03	13:05	72° 0.00' N	14° 42.65' E	1290.1	NW 2	5.7	0.4	Remote opera	ROV	Information	90 ° 0.7 kn	
PS64/334-1	03.07.03	13:35	71° 59.96' N	14° 44.18' E	1286.8	NW 3	81.1	0.4	Remote opera	ROV	Information	Stopp	
PS64/334-1	03.07.03	13:48	72° 0.00' N	14° 44.22' E	1286.5	NNE 6	344.8	0.5	Remote opera	ROV	Information	New Course 270° 0.8 Kn	
PS64/334-1	03.07.03	14:32	71° 59.98' N	14° 42.76' E	1290.2	NNE 6	219.9	0.4	Remote opera	ROV	Information	Stopp	
PS64/334-1	03.07.03	15:05	72° 0.06' N	14° 43.02' E	1285.1	N 5	80.5	0.6	Remote opera	ROV	Information	to East 0.7 kn	
PS64/334-1	03.07.03	15:50	72° 0.01' N	14° 44.43' E	1286.5	NNW 6	79.3	0.7	Remote opera	ROV	Information	stopp	
PS64/334-1	03.07.03	16:00	72° 0.05' N	14° 44.55' E	1286.3	NNE 6	97.0	0.3	Remote opera	ROV	Information	Turning to W course	
PS64/334-1	03.07.03	17:05	72° 0.06' N	14° 42.38' E	1291.0	N 5	301.7	0.0	Remote opera	ROV	Information	Turning to E course	
PS64/334-1	03.07.03	18:04	72° 0.10' N	14° 44.62' E	1285.3	N 4	271.5	0.8	Remote opera	ROV	Information	Turning to W course	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/334-1	03.07.03	19:00	72° 0.09' N	14° 42.28' E	1289.9	NNW 5	290.6	0.4	Remote opera	ROV	Information	Turning to E course
PS64/334-1	03.07.03	20:00	72° 0.12' N	14° 44.80' E	1282.5	N 2	30.7	0.6	Remote opera	ROV	Information	turning to W course
PS64/334-1	03.07.03	21:06	72° 0.17' N	14° 42.16' E	1289.4	N 3	262.6	0.7	Remote opera	ROV	Information	stopping
PS64/334-1	03.07.03	21:13	72° 0.17' N	14° 42.19' E	1289.5	NNE 2	252.1	0.2	Remote opera	ROV	Information	turning to E course
PS64/334-1	03.07.03	22:18	72° 0.18' N	14° 44.92' E	1280.3	NW 6	103.4	0.8	Remote opera	ROV	Information	turning to W course
PS64/334-1	03.07.03	23:24	72° 0.19' N	14° 42.04' E	1291.5	NNW 2	281.6	0.8	Remote opera	ROV	Information	turning to the E
PS64/334-1	04.07.03	00:30	72° 0.21' N	14° 44.91' E	1281.9	NNW 4	56.8	0.6	Remote opera	ROV	Information	stopp
PS64/334-1	04.07.03	00:40	72° 0.26' N	14° 44.88' E	1281.9	NW 5	342.9	0.4	Remote opera	ROV	Information	to West
PS64/334-1	04.07.03	01:51	72° 0.34' N	14° 42.31' E	1291.0	WNW 4	63.2	0.8	Remote opera	ROV	Information	to East
PS64/334-1	04.07.03	02:42	72° 0.28' N	14° 44.79' E	1283.7	NNW 5	96.3	0.6	Remote opera	ROV	Information	Stopp
PS64/334-1	04.07.03	02:55	72° 0.35' N	14° 44.77' E	1284.1	NNW 3	266.1	0.5	Remote opera	ROV	Information	270 °
PS64/334-1	04.07.03	04:00	72° 0.31' N	14° 42.03' E	1292.8	NNW 6	292.0	0.2	Remote opera	ROV	Information	Turning to E course
PS64/334-1	04.07.03	05:10	72° 0.37' N	14° 45.03' E	1278.4	WNW 4	350.0	0.5	Remote opera	ROV	Information	Turning to W course
PS64/334-1	04.07.03	06:15	72° 0.36' N	14° 42.05' E	1292.8	NW 3	280.9	0.9	Remote opera	ROV	Information	Turning to E course
PS64/334-1	04.07.03	07:25	72° 0.38' N	14° 44.93' E	1279.5	N 3	76.1	1.2	Remote opera	ROV	Information	Turning to W course
PS64/334-1	04.07.03	08:37	72° 0.41' N	14° 41.98' E	1293.9	NNE 5	238.1	0.2	Remote opera	ROV	Information	turning to the E
PS64/334-1	04.07.03	09:56	72° 0.47' N	14° 44.94' E	1277.0	NNE 2	341.4	0.5	Remote opera	ROV	Information	turning to W course
PS64/334-1	04.07.03	10:08	72° 0.46' N	14° 44.70' E	1282.1	N 3	272.8	1.3	Remote opera	ROV	Information	stopping to wait for VICTOR - technical problems
PS64/334-1	04.07.03	11:23	72° 0.46' N	14° 44.53' E	1283.4	NNW 6	192.2	0.3	Remote opera	ROV	Information	moving back to last waypoint of survey-grid

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/334-1	04.07.03	11:48	72° 0.46' N	14° 44.80' E	1279.3	NNW 5	355.3	0.1	Remote opera	ROV	Information	turning to the W; technical problems solved
PS64/334-1	04.07.03	12:49	72° 0.47' N	14° 42.20' E	1292.7	NNW 4	40.6	0.2	Remote opera	ROV	Information	stopp turning Course East 1.0 kn
PS64/334-1	04.07.03	12:55	72° 0.51' N	14° 42.33' E	1291.3	NW 4	78.5	0.8	Remote opera	ROV	Information	Stopp for turning Go west 0.5-1.0 kn
PS64/334-1	04.07.03	13:39	72° 0.51' N	14° 44.73' E	1280.0	NW 4	15.9	0.5	Remote opera	ROV	Information	stopp for turning
PS64/334-1	04.07.03	13:51	72° 0.53' N	14° 44.69' E	1280.1	NNW 4	300.6	0.7	Remote opera	ROV	Information	stopp for turning
PS64/334-1	04.07.03	14:36	72° 0.55' N	14° 42.49' E	1291.5	NW 4	257.8	1.0	Remote opera	ROV	Information	go East
PS64/334-1	04.07.03	14:45	72° 0.58' N	14° 42.40' E	1292.7	NW 5	357.4	0.5	Remote opera	ROV	Information	Stopp for turning
PS64/334-1	04.07.03	15:35	72° 0.59' N	14° 44.57' E	1280.9	NNW 3	30.1	0.2	Remote opera	ROV	Information	go West
PS64/334-1	04.07.03	15:44	72° 0.60' N	14° 44.43' E	1282.1	NNW 4	251.7	0.7	Remote opera	ROV	Information	Turning to E course
PS64/334-1	04.07.03	16:34	72° 0.57' N	14° 42.47' E	1291.8	NW 4	263.4	0.7	Remote opera	ROV	Information	Turning to W course
PS64/334-1	04.07.03	17:25	72° 0.60' N	14° 44.53' E	1281.2	NW 4	76.2	1.0	Remote opera	ROV	Information	Turning to E course
PS64/334-1	04.07.03	18:13	72° 0.64' N	14° 42.57' E	1291.8	NW 3	278.4	0.5	Remote opera	ROV	Information	Turning to W course
PS64/334-1	04.07.03	18:53	72° 0.66' N	14° 44.33' E	1281.3	WNW 4	59.5	0.6	Remote opera	ROV	Information	Stopp for calibration
PS64/334-1	04.07.03	19:33	72° 0.68' N	14° 42.79' E	1289.8	NW 3	192.5	0.1	Remote opera	ROV	Information	Turning to SW course
PS64/334-1	04.07.03	19:46	72° 0.67' N	14° 42.76' E	1290.0	NNW 2	216.2	0.8	Remote opera	ROV	Information	turning to S course
PS64/334-1	04.07.03	20:06	72° 0.47' N	14° 42.05' E	1293.8	NW 4	196.5	0.7	Remote opera	ROV	Information	turning to SE
PS64/334-1	04.07.03	20:27	72° 0.17' N	14° 42.03' E	1292.3	NW 4	186.5	1.0	Remote opera	ROV	Information	stopping
PS64/334-1	04.07.03	20:33	72° 0.12' N	14° 42.26' E	1289.2	NW 4	49.9	0.8	Remote opera	ROV	Information	turning to N
PS64/334-1	04.07.03	20:43	72° 0.12' N	14° 42.33' E	1289.6	NW 4	99.6	0.0	Remote opera	ROV	Information	turning to NE
PS64/334-1	04.07.03	21:22	72° 0.54' N	14° 42.32' E	1291.8	WNW 3	347.5	1.1	Remote opera	ROV	Information	turning to S
PS64/334-1	04.07.03	21:30	72° 0.64' N	14° 42.57' E	1290.7	WNW 6	65.5	1.2	Remote opera	ROV	Information	stopping
PS64/334-1	04.07.03	21:38	72° 0.60' N	14° 42.82' E	1289.1	WNW 7	26.5	0.2	Remote opera	ROV	Information	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/334-1	04.07.03	21:50	72° 0.61' N	14° 42.88' E	1288.9	NNW 5	12.4	0.2	Remote opera	ROV	Information	continuing on southward track	
PS64/334-1	04.07.03	22:36	71° 59.94' N	14° 42.77' E	1288.9	NW 3	106.2	0.5	Remote opera	ROV	Information	stopping and turning to heading N	
PS64/334-1	04.07.03	22:53	71° 59.96' N	14° 42.93' E	1287.7	WNW 3	56.3	0.2	Remote opera	ROV	Information	proceeding on northward leg	
PS64/334-1	04.07.03	23:40	72° 0.68' N	14° 43.03' E	1288.5	WNW 4	23.7	0.7	Remote opera	ROV	Information	turning to S	
PS64/334-1	05.07.03	00:50	71° 59.93' N	14° 43.65' E	1286.2	WNW 4	34.4	0.6	Remote opera	ROV	Information	Stopp & turning to North	
PS64/334-1	05.07.03	01:45	72° 0.70' N	14° 43.83' E	1285.0	WNW 3	103.2	0.6	Remote opera	ROV	Information	Stopp & turning to South	
PS64/334-1	05.07.03	02:40	71° 59.99' N	14° 44.04' E	1287.0	WNW 3	110.2	0.4	Remote opera	ROV	Information	Stopp & turning to North	
PS64/334-1	05.07.03	03:30	72° 0.54' N	14° 44.50' E	1283.1	SW 2	134.8	0.2	Remote opera	ROV	Information	Stopp turning to South	
PS64/334-1	05.07.03	04:02	72° 0.16' N	14° 44.86' E	1283.3	W 4	95.4	0.3	Remote opera	ROV	Information	Stopp & Turning to ~ 290°	
PS64/334-1	05.07.03	05:18	72° 0.47' N	14° 41.97' E	1295.5	W 3	247.4	0.6	Remote opera	ROV	Information	Turning to S course	
PS64/334-1	05.07.03	05:30	72° 0.35' N	14° 41.97' E	1294.1	W 4	196.4	0.8	Remote opera	ROV	Information	coming back to the surface	
PS64/334-1	05.07.03	06:17	72° 0.50' N	14° 41.32' E	1300.6	W 3	340.9	0.4	Remote opera	ROV	Information	Depressor on deck	
PS64/334-1	05.07.03	06:45	72° 0.61' N	14° 41.26' E	1299.8	SW 3	329.4	0.3	Remote opera	ROV	Information	on deck	
PS64/335-1	05.07.03	07:15	72° 0.37' N	14° 43.54' E	1278.0	WSW 2	277.2	0.6	Bottom lander	LANDER	surface	Lander geslipt	
PS64/336-1	05.07.03	08:05	72° 0.03' N	14° 44.18' E	1285.6	WSW 2	193.0	0.3	Gravity corer	GC	surface		
PS64/336-1	05.07.03	08:23	72° 0.02' N	14° 44.13' E	1286.4	W 3	188.0	0.1	Gravity corer	GC	at sea bottom off ground	GE52.2 - 1264 m	
PS64/336-1	05.07.03	08:33	72° 0.02' N	14° 44.10' E	1286.8	W 2	18.7	0.2	Gravity corer	GC	hoisting		
PS64/336-1	05.07.03	09:03	72° 0.04' N	14° 44.22' E	1287.6	S 1	79.7	0.3	Gravity corer	GC	on deck		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/337-1	05.07.03	09:19	72° 0.53' N	14° 43.95' E	1286.1	S 1	259.4	0.3	CTD/rosette w CTD/RO	Information		start of Fishery-Echosounder Survey to search for plume; all sounders off, DOLOG off, thrusters off no depth - all sounders turned off
PS64/337-1	05.07.03	10:56	72° 0.19' N	14° 43.39' E	0.0	SW 1	82.3	0.2	CTD/rosette w CTD/RO	surface		
PS64/337-1	05.07.03	11:24	72° 0.18' N	14° 43.33' E	0.0	WSW 2	359.5	0.2	CTD/rosette w CTD/RO	at depth		EL31 - 1258 m
PS64/337-1	05.07.03	12:00	72° 0.18' N	14° 43.31' E	1283.7	WSW 1	162.1	0.3	CTD/rosette w CTD/RO	on deck		
PS64/338-1	05.07.03	12:10	72° 0.18' N	14° 43.26' E	1283.7	WSW 1	127.9	0.1	Bottom water ε BWS	surface		
PS64/338-1	05.07.03	12:48	72° 0.20' N	14° 43.28' E	1283.6	W 2	285.7	0.2	Bottom water ε BWS	at sea bottom		1258 m für 7 Minuten
PS64/338-1	05.07.03	12:56	72° 0.19' N	14° 43.28' E	1283.5	WSW 2	266.3	0.0	Bottom water ε BWS	off bottom		
PS64/338-1	05.07.03	13:30	72° 0.15' N	14° 43.41' E	1282.0	WSW 1	4.0	0.3	Bottom water ε BWS	on deck		
PS64/339-1	05.07.03	13:40	72° 0.16' N	14° 43.81' E	1284.4	WNW 1	135.2	0.1	Gravity corer GC	surface		
PS64/339-1	05.07.03	13:57	72° 0.13' N	14° 43.81' E	1284.4	W 1	158.3	0.1	Gravity corer GC	at sea bottom		1264 m für 7 Minuten
PS64/339-1	05.07.03	14:07	72° 0.12' N	14° 43.82' E	1284.9	SW 1	131.6	0.2	Gravity corer GC	off ground hoisting		
PS64/339-1	05.07.03	14:10	72° 0.12' N	14° 43.82' E	1284.3	SSW 1	342.4	0.1	Gravity corer GC	information		Winde Stopp bei 1200m 3 Minuten messen
PS64/339-1	05.07.03	14:34	72° 0.13' N	14° 43.61' E	1284.9	SE 3	280.1	0.8	Gravity corer GC	on deck		
PS64/340-1	05.07.03	15:03	72° 0.21' N	14° 43.27' E	1284.3	ESE 2	265.1	0.1	Multi corer MUC	surface		
PS64/340-1	05.07.03	15:23	72° 0.19' N	14° 43.23' E	1284.0	ENE 1	273.9	0.0	Multi corer MUC	at sea bottom		1257 m
PS64/340-1	05.07.03	15:43	72° 0.22' N	14° 43.13' E	1283.6	E 0	289.9	0.2	Multi corer MUC	on deck		
PS64/341-1	05.07.03	16:24	72° 0.17' N	14° 43.81' E	1284.7	SE 1	122.0	0.4	Gravity corer GC	surface		
PS64/341-1	05.07.03	16:40	72° 0.17' N	14° 43.85' E	1285.2	E 1	3.9	0.1	Gravity corer GC	at sea bottom		GE52.2 1257 m ausgesteckt
PS64/341-1	05.07.03	16:49	72° 0.17' N	14° 43.85' E	1284.8	ESE 2	48.9	0.2	Gravity corer GC	off ground hoisting		



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/341-1	05.07.03	17:15	72° 0.17' N	14° 43.72' E	1284.8	ESE 2	250.4	0.6	Gravity corer	GC	on deck	Doppel-Banane	
PS64/342-1	05.07.03	18:17	72° 0.48' N	14° 43.61' E	1280.8	E 2	96.0	0.3	Bottom lander	LANDER	released		
PS64/342-1	05.07.03	18:45	72° 0.52' N	14° 43.69' E	1284.4	E 2	357.5	0.4	Bottom lander	LANDER	Information	Lander aufgetaucht	
PS64/342-1	05.07.03	18:57	72° 0.40' N	14° 43.80' E	1279.6	E 2	166.6	0.0	Bottom lander	LANDER	on Deck		
PS64/343-1	05.07.03	19:31	72° 1.50' N	14° 43.37' E	1278.0	ESE 2	318.3	0.1	Heat Flow	HF	in the water	with POSIDONIA-Transponder	
PS64/343-1	05.07.03	19:59	72° 1.51' N	14° 43.37' E	1278.1	ESE 0	180.3	0.0	Heat Flow	HF	at the bottom	GE52.2 1265 m ausgesteckt	
PS64/343-1	05.07.03	20:17	72° 1.51' N	14° 43.35' E	1278.0	SE 1	16.8	0.3	Heat Flow	HF	off bottom		
PS64/343-1	05.07.03	20:33	72° 1.39' N	14° 43.36' E	1273.3	S 1	144.7	0.3	Heat Flow	HF	at the bottom	GE52.2 - 1262 m	
PS64/343-1	05.07.03	20:49	72° 1.40' N	14° 43.34' E	1278.8	SW 1	332.3	0.2	Heat Flow	HF	off bottom		
PS64/343-1	05.07.03	21:04	72° 1.29' N	14° 43.34' E	1280.0	SSW 1	356.3	0.3	Heat Flow	HF	at the bottom	GE52.2 - 1266 m	
PS64/343-1	05.07.03	21:20	72° 1.30' N	14° 43.35' E	1279.9	SSE 1	212.9	0.1	Heat Flow	HF	off bottom		
PS64/343-1	05.07.03	21:35	72° 1.18' N	14° 43.36' E	1281.2	S 1	30.1	0.1	Heat Flow	HF	at the bottom	GE52.2 - 1265 m	
PS64/343-1	05.07.03	21:41	72° 1.17' N	14° 43.36' E	0.0	SSW 0	347.4	0.1	Heat Flow	HF	off bottom		
PS64/343-1	05.07.03	21:59	72° 1.08' N	14° 43.34' E	1281.6	ENE 1	98.0	0.3	Heat Flow	HF	at the bottom	GE52.2 - 1263 m	
PS64/343-1	05.07.03	22:15	72° 1.08' N	14° 43.35' E	1281.7	ENE 0	237.6	0.2	Heat Flow	HF	off bottom		
PS64/343-1	05.07.03	22:30	72° 0.96' N	14° 43.32' E	0.0	NNE 1	185.1	0.0	Heat Flow	HF	at the bottom	GE52.2 - 1266 m	
PS64/343-1	05.07.03	22:37	72° 0.96' N	14° 43.28' E	0.0	ENE 1	9.9	0.2	Heat Flow	HF	off bottom		
PS64/343-1	05.07.03	22:52	72° 0.86' N	14° 43.34' E	1285.6	NE 1	184.6	0.0	Heat Flow	HF	at the bottom	GE52.2 - 1269 m	
PS64/343-1	05.07.03	23:07	72° 0.85' N	14° 43.29' E	1286.5	NNE 2	254.7	0.3	Heat Flow	HF	off bottom		
PS64/343-1	05.07.03	23:23	72° 0.76' N	14° 43.29' E	1287.6	NE 1	199.3	0.2	Heat Flow	HF	at the bottom	GE52.2 - 1270 m	
PS64/343-1	05.07.03	23:40	72° 0.76' N	14° 43.34' E	1287.3	N 1	65.7	0.1	Heat Flow	HF	off bottom	heaving Heat Flow on deck for inspection check o.K.	
PS64/343-1	06.07.03	00:08	72° 0.65' N	14° 43.32' E	1287.6	N 2	171.0	0.1	Heat Flow	HF	on deck	lower again	
PS64/343-1	06.07.03	00:38	72° 0.65' N	14° 43.31' E	1287.6	N 2	303.2	0.1	Heat Flow	HF	at the bottom	1272 m	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/343-1	06.07.03	00:44	72° 0.64' N	14° 43.31' E	1287.5	NNE 2	189.9	0.0	Heat Flow	HF	off bottom		
PS64/343-1	06.07.03	00:59	72° 0.55' N	14° 43.30' E	0.0	NNW 2	1.0	0.1	Heat Flow	HF	at the bottom		
PS64/343-1	06.07.03	01:12	72° 0.55' N	14° 43.28' E	1291.6	NNW 2	288.7	0.1	Heat Flow	HF	off bottom		
PS64/343-1	06.07.03	01:33	72° 0.40' N	14° 43.27' E	1280.8	NNE 2	190.2	0.0	Heat Flow	HF	at the bottom	1271 m	
PS64/343-1	06.07.03	01:48	72° 0.39' N	14° 43.27' E	1280.8	NNW 2	190.0	0.0	Heat Flow	HF	off bottom		
PS64/343-1	06.07.03	02:04	72° 0.35' N	14° 43.29' E	1281.5	NNE 1	356.7	0.2	Heat Flow	HF	at the bottom	1265 m	
PS64/343-1	06.07.03	02:16	72° 0.34' N	14° 43.29' E	1281.2	NNE 2	149.5	0.2	Heat Flow	HF	off bottom		
PS64/343-1	06.07.03	02:34	72° 0.19' N	14° 43.30' E	1283.6	NNE 2	190.2	0.0	Heat Flow	HF	at the bottom	1271 m	
PS64/343-1	06.07.03	02:49	72° 0.19' N	14° 43.28' E	1284.8	N 2	190.5	0.0	Heat Flow	HF	off bottom		
PS64/343-1	06.07.03	03:03	72° 0.13' N	14° 43.26' E	1284.8	N 2	190.5	0.0	Heat Flow	HF	at the bottom	1270 m	
PS64/343-1	06.07.03	03:17	72° 0.13' N	14° 43.24' E	1282.9	NNE 3	189.9	0.0	Heat Flow	HF	off bottom		
PS64/343-1	06.07.03	03:33	72° 0.02' N	14° 43.22' E	1287.6	NNE 3	328.8	0.1	Heat Flow	HF	at the bottom	1266 m	
PS64/343-1	06.07.03	03:47	72° 0.02' N	14° 43.22' E	1274.0	N 3	190.3	0.0	Heat Flow	HF	off bottom		
													GE52.2 1273 m ausgesteckt
PS64/343-1	06.07.03	04:08	71° 59.88' N	14° 43.28' E	1288.4	NNE 3	264.5	0.1	Heat Flow	HF	at the bottom		
PS64/343-1	06.07.03	04:22	71° 59.88' N	14° 43.26' E	1288.4	N 3	179.9	0.0	Heat Flow	HF	off bottom		
													GE52.2 1273 m ausgesteckt
PS64/343-1	06.07.03	04:39	71° 59.79' N	14° 43.26' E	1291.2	N 3	179.9	0.0	Heat Flow	HF	at the bottom		
PS64/343-1	06.07.03	04:52	71° 59.77' N	14° 43.25' E	1291.6	NNE 3	266.7	0.1	Heat Flow	HF	off bottom		
													GE52.2 1278 m ausgesteckt
PS64/343-1	06.07.03	05:11	71° 59.67' N	14° 43.25' E	1294.3	N 3	180.1	0.0	Heat Flow	HF	at the bottom		
PS64/343-1	06.07.03	05:15	71° 59.67' N	14° 43.24' E	1294.4	N 4	106.8	0.1	Heat Flow	HF	off bottom		
													GE52.2 1280 m ausgesteckt
PS64/343-1	06.07.03	05:29	71° 59.57' N	14° 43.25' E	1278.8	N 3	180.0	0.0	Heat Flow	HF	at the bottom		
PS64/343-1	06.07.03	05:35	71° 59.56' N	14° 43.23' E	1297.6	NNE 3	180.3	0.0	Heat Flow	HF	off bottom	End of profile	
PS64/343-1	06.07.03	06:09	71° 59.55' N	14° 43.16' E	1291.2	NNE 4	302.4	0.2	Heat Flow	HF	on deck		
PS64/344-1	06.07.03	06:26	72° 0.09' N	14° 44.01' E	1247.9	NNE 4	9.9	0.0	Large Box Cor	GKG	surface		
													GE52.2 1264 m ausgesteckt
PS64/344-1	06.07.03	06:44	72° 0.10' N	14° 44.07' E	1284.4	NE 4	85.2	0.2	Large Box Cor	GKG	at sea bottom		
PS64/344-1	06.07.03	07:03	72° 0.11' N	14° 43.87' E	1285.6	NNE 4	22.8	0.2	Large Box Cor	GKG	on deck		
PS64/345-1	06.07.03	07:19	72° 0.07' N	14° 44.24' E	1287.2	N 3	339.7	0.1	Large Box Cor	GKG	surface		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/345-1	06.07.03	07:37	72° 0.08' N	14° 44.22' E	1287.6	N 3	93.8	0.4	Large Box Cor	GKG	at sea bottom	GE52.2 1263 m ausgesteckt	
PS64/345-1	06.07.03	07:57	72° 0.15' N	14° 44.17' E	1264.3	NNE 3	340.6	0.2	Large Box Cor	GKG	on deck		
PS64/346-1	06.07.03	08:16	72° 0.08' N	14° 43.51' E	1283.1	NNE 3	135.6	0.2	Bottom lander	LANDER	surface	Benthos spheres	
PS64/346-1	06.07.03	08:20	72° 0.09' N	14° 43.50' E	1285.2	NNE 3	284.5	0.2	Bottom lander	LANDER	surface	Lander into the water and slipped	
PS64/347-1	06.07.03	09:21	72° 0.23' N	14° 42.99' E	1279.7	N 2	150.1	0.0	Remote opera	ROV	Shuttle	VICTOR 6000	
PS64/347-1	06.07.03	09:40	71° 59.99' N	14° 43.64' E	1286.8	N 2	113.2	0.1	Remote opera	ROV	surface	Depressor into water	
PS64/347-1	06.07.03	09:51	72° 0.00' N	14° 43.57' E	1287.2	N 2	298.9	0.1	Remote opera	ROV			
PS64/347-1	06.07.03	10:30	71° 59.91' N	14° 43.73' E	904.4	NNW 2	299.7	0.3	Remote opera	ROV	Information	turning to N to approach Lander position stopping at Lander site	
PS64/347-1	06.07.03	10:50	72° 0.11' N	14° 43.53' E	1284.8	NNW 2	136.7	0.6	Remote opera	ROV	Information		
PS64/347-1	06.07.03	10:56	72° 0.09' N	14° 43.54' E	1284.0	NNW 2	151.4	0.0	Remote opera	ROV	at depth		
PS64/347-1	06.07.03	12:55	72° 0.09' N	14° 43.52' E	0.0	N 2	99.4	0.2	Remote opera	ROV	Information	Benthos Kugeln ausgelöst	
PS64/347-1	06.07.03	13:07	72° 0.08' N	14° 43.45' E	0.0	NNW 2	270.6	0.3	Remote opera	ROV	Information	Nach Victor Observation Einheit hat nicht ausgelöst auslösen erfolgreich	
PS64/347-1	06.07.03	13:19	72° 0.06' N	14° 43.43' E	0.0	N 2	288.6	0.3	Remote opera	ROV	Information		
PS64/347-1	06.07.03	13:31	72° 0.05' N	14° 43.37' E	0.0	NNW 2	251.3	0.2	Remote opera	ROV	Information	aufgetaucht Bb. querab 50 m Benthos an Deck	
PS64/347-1	06.07.03	13:39	72° 0.06' N	14° 43.33' E	0.0	NNW 2	315.8	0.2	Remote opera	ROV	Information	Zodiak mit 4 Personen zwecks Messungen unterwegs	
PS64/347-1	06.07.03	13:49	72° 0.06' N	14° 43.22' E	0.0	NNW 2	179.5	0.2	Remote opera	ROV	Information		
PS64/347-1	06.07.03	13:54	72° 0.05' N	14° 43.28' E	0.0	NNW 2	40.4	0.5	Remote opera	ROV	Information	400m to North	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/347-1	06.07.03	14:40	72° 0.32' N	14° 43.36' E	0.0	NNE 2	23.7	0.2	Remote opera	ROV	Information	Zodiac an Deck	
PS64/347-1	06.07.03	20:18	72° 0.31' N	14° 42.87' E	0.0	SSE 5	264.9	0.2	Remote opera	ROV	Information	heading E	
PS64/347-1	06.07.03	20:32	72° 0.30' N	14° 43.29' E	0.0	SSE 5	181.7	0.0	Remote opera	ROV	Information	stopping (Microprofiling)	
PS64/347-1	06.07.03	21:39	72° 0.30' N	14° 43.35' E	0.0	SE 6	162.2	0.0	Remote opera	ROV	Information	moving to SE	
PS64/347-1	06.07.03	21:52	72° 0.26' N	14° 43.81' E	0.0	SSE 6	126.3	0.3	Remote opera	ROV	Information	stopping turning to W to start	
PS64/347-1	06.07.03	22:45	72° 0.25' N	14° 43.90' E	0.0	SE 6	180.6	0.0	Remote opera	ROV	Information	mosaicking	
PS64/347-1	06.07.03	23:05	72° 0.24' N	14° 43.11' E	0.0	SE 8	247.8	0.6	Remote opera	ROV	Information	stopping continuing on track	
PS64/347-1	06.07.03	23:17	72° 0.24' N	14° 43.12' E	0.0	SSE 8	245.2	0.3	Remote opera	ROV	Information	turning to E	
PS64/347-1	06.07.03	23:28	72° 0.23' N	14° 42.75' E	0.0	SE 7	274.0	1.3	Remote opera	ROV	Information		
PS64/347-1	06.07.03	23:51	72° 0.26' N	14° 42.90' E	0.0	SSE 8	307.5	0.1	Remote opera	ROV	Information	proceeding to E	
PS64/347-1	07.07.03	01:00	72° 0.38' N	14° 44.18' E	0.0	SSE 7	319.2	0.7	Remote opera	ROV	Information	stopp and turning to West	
PS64/347-1	07.07.03	01:34	72° 0.33' N	14° 43.41' E	0.0	SSE 7	344.2	0.2	Remote opera	ROV	Information	stopp	
PS64/347-1	07.07.03	02:33	72° 0.34' N	14° 43.35' E	0.0	SE 8	150.4	0.2	Remote opera	ROV	Information	go West	
PS64/347-1	07.07.03	02:51	72° 0.34' N	14° 42.71' E	0.0	SE 8	117.3	0.4	Remote opera	ROV	Information	Stopp & turning to East	
PS64/347-1	07.07.03	03:39	72° 0.28' N	14° 43.45' E	0.0	SSE 9	190.0	0.2	Remote opera	ROV	Information	stopp at Mic 1 Position	
PS64/347-1	07.07.03	04:40	72° 0.30' N	14° 43.59' E	0.0	SE 8	88.0	0.6	Remote opera	ROV	Information	proceeding to the East	
PS64/347-1	07.07.03	05:10	72° 0.33' N	14° 44.10' E	0.0	SE 9	310.7	0.5	Remote opera	ROV	Information	turning to the West	
PS64/347-1	07.07.03	05:40	72° 0.34' N	14° 43.41' E	0.0	SE 9	148.4	0.2	Remote opera	ROV	Information	stop for bottom observation	
PS64/347-1	07.07.03	07:15	72° 0.34' N	14° 43.00' E	0.0	SE 10	284.6	0.7	Remote opera	ROV	Information	continue to the West	
PS64/347-1	07.07.03	07:34	72° 0.45' N	14° 42.70' E	0.0	SE 9	11.1	0.1	Remote opera	ROV	Information	turning to the North	
PS64/347-1	07.07.03	07:47	72° 0.48' N	14° 42.79' E	0.0	SSE 10	92.6	0.6	Remote opera	ROV	Information	heading to the East	
PS64/347-1	07.07.03	08:03	72° 0.48' N	14° 43.14' E	0.0	SSE 9	125.0	0.4	Remote opera	ROV	Information	heading SE	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/347-1	07.07.03	08:19	72° 0.34' N	14° 43.52' E	0.0	SSE 9	158.2	0.4	Remote opera	ROV	Information	stopping starting fish echo-sounder to survey gas bubbles seen with VICTOR
PS64/347-1	07.07.03	08:58	72° 0.31' N	14° 43.57' E	0.0	SE 8	169.3	0.0	Remote opera	ROV	Information	positioning vessel over "bubble"- position
PS64/347-1	07.07.03	09:03	72° 0.31' N	14° 43.57' E	0.0	SE 8	169.1	0.0	Remote opera	ROV	Information	stopping over position of gas- bubbles
PS64/347-1	07.07.03	09:25	72° 0.35' N	14° 43.57' E	0.0	SE 8	169.3	0.0	Remote opera	ROV	Information	coming back to the surface
PS64/347-1	07.07.03	20:09	72° 0.26' N	14° 42.89' E	0.0	S 7	264.3	0.1	Remote opera	ROV	Information	starting heaving Depressor on deck
PS64/347-1	07.07.03	20:55	72° 0.05' N	14° 42.86' E	0.0	S 7	188.9	0.3	Remote opera	ROV	Information	on deck
PS64/347-1	07.07.03	21:23	72° 0.21' N	14° 43.00' E	0.0	S 6	11.3	2.2	Remote opera	ROV	Information	on deck
PS64/347-1	07.07.03	21:32	72° 0.46' N	14° 43.06' E	0.0	SSW 6	35.9	0.1	Remote opera	ROV	Shuttle	released
PS64/347-1	07.07.03	21:49	72° 0.44' N	14° 42.97' E	0.0	SSW 5	66.0	0.4	Remote opera	ROV	Shuttle	surfaced
PS64/347-1	07.07.03	22:02	72° 0.47' N	14° 43.09' E	0.0	S 5	10.2	1.2	Remote opera	ROV	Shuttle	on crane hook
PS64/347-1	07.07.03	22:05	72° 0.52' N	14° 43.16' E	1291.5	S 4	37.2	1.1	Remote opera	ROV	Shuttle	on deck
PS64/348-1	07.07.03	22:18	72° 0.44' N	14° 43.59' E	1284.4	S 5	35.9	0.8	Bottom lander	LANDER	Information	hydrophone into the water; Recovery of Lander Stationnumber 346
PS64/348-1	07.07.03	22:21	72° 0.45' N	14° 43.63' E	1282.0	S 5	261.5	0.2	Bottom lander	LANDER	released	released, but no answer from Lander
PS64/348-1	07.07.03	22:28	72° 0.49' N	14° 43.65' E	1280.9	S 6	31.9	0.4	Bottom lander	LANDER	Information	hydrophone on deck - no answer from lander
PS64/348-1	07.07.03	22:45	72° 0.39' N	14° 43.53' E	1280.5	S 6	58.7	0.2	Bottom lander	LANDER	Information	surfaced
PS64/348-1	07.07.03	23:03	72° 0.33' N	14° 43.74' E	1281.7	S 4	6.1	0.7	Bottom lander	LANDER	Information	on crane hook
PS64/348-1	07.07.03	23:07	72° 0.40' N	14° 43.82' E	1279.2	SSE 6	21.6	0.6	Bottom lander	LANDER	on Deck	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/349-1	07.07.03	23:44	72° 0.56' N	14° 43.93' E	1288.0	SSE 5	254.3	0.1	Bottom lander	LANDER	surface	and slipped; 160,785 MHz	
PS64/350-1	07.07.03	23:59	72° 0.06' N	14° 44.22' E	1286.5	S 5	187.5	0.0	CTD/rosette w	CTD/RO	surface		
PS64/350-1	08.07.03	00:29	72° 0.05' N	14° 44.16' E	1287.6	SSE 6	346.7	0.1	CTD/rosette w	CTD/RO	at depth	1261 m	
PS64/350-1	08.07.03	01:01	72° 0.04' N	14° 44.14' E	1286.5	S 6	208.4	0.1	CTD/rosette w	CTD/RO	on deck		
PS64/351-1	08.07.03	01:14	72° 0.05' N	14° 44.20' E	1286.4	S 6	211.7	0.0	Bottom water ε	BWS	surface		
PS64/351-1	08.07.03	01:51	72° 0.03' N	14° 44.09' E	1287.6	S 4	199.8	0.0	Bottom water ε	BWS	at sea bottom	1262 m	
PS64/351-1	08.07.03	01:58	72° 0.04' N	14° 44.14' E	1288.4	S 5	67.0	0.6	Bottom water ε	BWS	off bottom		
PS64/351-1	08.07.03	02:28	71° 59.94' N	14° 44.08' E	1286.3	SSE 4	249.9	0.3	Bottom water ε	BWS	on deck		
PS64/352-1	08.07.03	02:54	72° 0.80' N	14° 44.58' E	1275.8	SSE 5	182.0	1.5	Fischereilotsur	FLS	Start Track		
PS64/352-1	08.07.03	03:40	71° 59.92' N	14° 43.08' E	0.0	SSE 5	176.2	1.1	Fischereilotsur	FLS	Course Change	WP 2 erreicht, Beginn Drehmanöver	
PS64/352-1	08.07.03	03:53	71° 59.94' N	14° 42.66' E	0.0	SSE 6	31.1	3.1	Fischereilotsur	FLS	Course Change	WP 03 erreicht, Fortsetzung der Messung	
PS64/352-1	08.07.03	04:17	72° 0.79' N	14° 44.48' E	0.0	SSE 5	60.5	2.3	Fischereilotsur	FLS	Course Change	WP4 erreicht	
PS64/352-1	08.07.03	04:33	72° 0.88' N	14° 44.15' E	0.0	SSE 5	203.6	1.4	Fischereilotsur	FLS	Course Change	WP5 erreicht	
PS64/352-1	08.07.03	05:19	71° 59.95' N	14° 42.58' E	0.0	SSE 5	202.6	1.8	Fischereilotsur	FLS	Course Change	WP6 erreicht	
PS64/352-1	08.07.03	05:41	72° 0.45' N	14° 41.97' E	0.0	SSE 6	124.3	2.1	Fischereilotsur	FLS	Course Change	WP7 erreicht	
PS64/352-1	08.07.03	06:14	71° 60.00' N	14° 44.43' E	0.0	SSE 7	132.2	1.4	Fischereilotsur	FLS	Course Change	WP8 erreicht	
PS64/352-1	08.07.03	06:28	72° 0.09' N	14° 44.95' E	0.0	SSE 7	288.7	3.4	Fischereilotsur	FLS	Course Change	WP9 erreicht	
PS64/352-1	08.07.03	06:50	72° 0.54' N	14° 42.41' E	0.0	SSE 7	302.4	2.2	Fischereilotsur	FLS	Course Change	WP10 erreicht	
PS64/352-1	08.07.03	07:04	72° 0.67' N	14° 42.52' E	0.0	SSE 6	111.6	3.7	Fischereilotsur	FLS	Course Change	WP11 erreicht	
PS64/352-1	08.07.03	07:40	72° 0.18' N	14° 45.27' E	0.0	SSE 6	130.2	1.9	Fischereilotsur	FLS	End of Track	End of profil	
PS64/353-1	08.07.03	08:06	72° 0.37' N	14° 43.74' E	1283.4	SSE 6	264.3	0.3	Multi corer	MUC	surface		
PS64/353-1	08.07.03	08:52	72° 0.37' N	14° 43.52' E	1281.1	SE 6	272.3	0.2	Multi corer	MUC	at sea bottom	GE72.1 - 1257 m	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/353-1	08.07.03	08:54	72° 0.36' N	14° 43.52' E	1281.0	SE 5	157.4	0.3	Multi corer	MUC	information	stopped - MUC did not close	
PS64/353-1	08.07.03	08:55	72° 0.36' N	14° 43.52' E	1282.2	SE 5	239.9	0.2	Multi corer	MUC	at sea bottom	GE72.1 - 1257 m	
PS64/353-1	08.07.03	08:57	72° 0.36' N	14° 43.52' E	1282.4	SSE 5	92.1	0.2	Multi corer	MUC	information	MUC cannot penetrate the bottom due to gas-hydrates; moving to new position	
PS64/353-1	08.07.03	09:17	72° 0.32' N	14° 43.66' E	1284.5	SSE 5	1.9	0.4	Multi corer	MUC	at sea bottom	GE72.1 - 1260 m	
PS64/353-1	08.07.03	09:44	72° 0.33' N	14° 43.66' E	1283.1	SE 4	146.7	0.2	Multi corer	MUC	on deck		
PS64/354-1	08.07.03	10:05	72° 0.32' N	14° 43.65' E	1283.8	SE 5	313.4	0.3	Multi corer	MUC	surface		
PS64/354-1	08.07.03	10:30	72° 0.32' N	14° 43.62' E	1282.3	SE 5	234.2	0.3	Multi corer	MUC	at sea bottom	GE72.1 - 1255 m	
PS64/354-1	08.07.03	10:57	72° 0.33' N	14° 43.69' E	1282.0	SE 5	102.5	0.5	Multi corer	MUC	on deck		
PS64/355-1	08.07.03	11:24	72° 0.77' N	14° 44.51' E	0.0	ESE 5	226.3	1.2	Fischereilotsur	FLS	Start Track	DWS and DOLOG turned off	
PS64/355-1	08.07.03	12:05	71° 59.92' N	14° 42.78' E	0.0	ESE 5	212.8	1.5	Fischereilotsur	FLS	Course Change	Drehen	
PS64/355-1	08.07.03	12:17	71° 59.94' N	14° 42.28' E	0.0	SE 6	45.2	2.9	Fischereilotsur	FLS	Information	auf gegenkurs 35 °	
PS64/355-1	08.07.03	12:52	72° 0.64' N	14° 43.93' E	0.0	ESE 6	32.6	0.9	Fischereilotsur	FLS	Information	Messende	
PS64/355-1	08.07.03	13:06	72° 0.58' N	14° 42.84' E	0.0	ESE 7	135.9	1.8	Fischereilotsur	FLS	Information	Messbeginn 121 °	
PS64/355-1	08.07.03	13:26	72° 0.32' N	14° 44.01' E	0.0	ESE 7	128.5	1.9	Fischereilotsur	FLS	Information	Messende , Drehmanöver	
PS64/355-1	08.07.03	13:37	72° 0.11' N	14° 44.45' E	0.0	ESE 7	309.4	2.2	Fischereilotsur	FLS	Information	Messbeginn	
PS64/355-1	08.07.03	13:54	72° 0.42' N	14° 42.98' E	0.0	ESE 7	305.8	1.9	Fischereilotsur	FLS	Course Change	Messende Drehmanöver	
PS64/355-1	08.07.03	14:08	72° 0.38' N	14° 42.45' E	0.0	ESE 8	106.1	3.1	Fischereilotsur	FLS	Start Track	Messbeginn	
PS64/355-1	08.07.03	14:28	72° 0.06' N	14° 43.78' E	0.0	ESE 7	127.4	1.5	Fischereilotsur	FLS	End of Track		
PS64/355-1	08.07.03	14:35	72° 0.05' N	14° 44.12' E	0.0	ESE 8	54.7	0.7	Fischereilotsur	FLS	End of Track		
PS64/356-1	08.07.03	14:53	72° 0.06' N	14° 44.20' E	1287.7	ESE 8	73.0	0.1	Multi corer	MUC	surface		
PS64/356-1	08.07.03	15:23	72° 0.05' N	14° 44.18' E	1288.2	ESE 8	176.1	0.1	Multi corer	MUC	at sea bottom	1262 m	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/356-1	08.07.03	15:49	72° 0.05' N	14° 44.11' E	1287.3	ESE 8	140.0	0.0	Multi corer	MUC	on deck		
PS64/357-1	08.07.03	16:10	72° 0.05' N	14° 44.08' E	1287.2	ESE 9	4.8	0.2	Multi corer	MUC	surface	fit out with camera	
PS64/357-1	08.07.03	16:36	72° 0.05' N	14° 44.14' E	1287.5	ESE 9	137.1	0.0	Multi corer	MUC	at sea bottom	GE72.1 1262 m ausgesteckt	
PS64/357-1	08.07.03	17:04	72° 0.06' N	14° 44.06' E	1287.9	ESE 9	161.7	0.2	Multi corer	MUC	on deck		
PS64/358-1	08.07.03	17:32	72° 0.77' N	14° 43.72' E	1285.9	ESE 10	69.4	0.1	Bottom lander	LANDER	released	by Hydrophon Lander	
PS64/358-1	08.07.03	17:54	72° 0.80' N	14° 43.85' E	1284.8	ESE 10	317.0	0.9	Bottom lander	LANDER	Information	aufgetaucht	
PS64/358-1	08.07.03	18:05	72° 0.76' N	14° 43.95' E	1284.5	ESE 10	320.0	0.5	Bottom lander	LANDER	on Deck		
PS64/359-1	08.07.03	18:40	72° 0.44' N	14° 43.23' E	1281.1	ESE 10	339.9	0.5	Remote opera	ROV	Shuttle	Shuttle zu Wasser und geslipt	
PS64/359-1	08.07.03	19:17	72° 0.01' N	14° 42.34' E	1294.5	ESE 9	327.1	0.2	Remote opera	ROV	surface	VICTOR 6000	
PS64/359-1	08.07.03	19:27	72° 0.06' N	14° 42.26' E	1293.8	ESE 8	263.9	0.4	Remote opera	ROV	Depressor into water		
PS64/359-1	08.07.03	20:54	71° 59.85' N	14° 42.61' E	0.0	ESE 8	210.4	0.4	Remote opera	ROV	at depth		
PS64/359-1	08.07.03	21:03	71° 59.87' N	14° 42.63' E	0.0	ESE 8	359.0	0.5	Remote opera	ROV	Information	start of survey	
PS64/359-1	08.07.03	21:16	71° 59.88' N	14° 42.84' E	0.0	ESE 8	105.8	0.6	Remote opera	ROV	Information	heading E	
PS64/359-1	08.07.03	21:47	71° 59.87' N	14° 44.08' E	0.0	ESE 9	349.3	0.8	Remote opera	ROV	Information	heading N	
PS64/359-1	08.07.03	21:53	71° 59.91' N	14° 44.14' E	0.0	ESE 9	206.1	0.2	Remote opera	ROV	Information	heading W	
PS64/359-1	08.07.03	22:44	71° 59.99' N	14° 42.60' E	0.0	ESE 8	287.4	0.3	Remote opera	ROV	Information	heading E	
PS64/359-1	08.07.03	22:46	72° 0.00' N	14° 42.59' E	0.0	ESE 7	248.7	0.2	Remote opera	ROV	Information	heading NNW	
PS64/359-1	08.07.03	23:33	72° 0.01' N	14° 44.54' E	0.0	ESE 7	315.6	0.3	Remote opera	ROV	Information	heading N	
PS64/359-1	08.07.03	23:42	72° 0.04' N	14° 44.55' E	0.0	ESE 7	210.4	0.5	Remote opera	ROV	Information	heading W	
PS64/359-1	09.07.03	00:32	72° 0.12' N	14° 42.34' E	0.0	ESE 6	307.2	0.2	Remote opera	ROV	Information	Stopp for turning	
PS64/359-1	09.07.03	00:57	72° 0.18' N	14° 42.51' E	0.0	ESE 6	101.3	0.7	Remote opera	ROV	Information	to East 1.0 kn	
PS64/359-1	09.07.03	01:46	72° 0.18' N	14° 44.59' E	0.0	ESE 5	340.1	0.3	Remote opera	ROV	Information	Stopp tournez a gauche	
PS64/359-1	09.07.03	02:15	72° 0.20' N	14° 44.49' E	0.0	ESE 5	284.2	0.4	Remote opera	ROV	Information	go east	
PS64/359-1	09.07.03	02:58	72° 0.19' N	14° 42.23' E	0.0	ESE 5	303.8	0.7	Remote opera	ROV	Information	Stopp Tournez a droite	



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/359-1	09.07.03	03:30	72° 0.28' N	14° 42.10' E	0.0	ESE 5	62.1	0.5	Remote opera	ROV	Information	Stopp keine Position von Posidonia System
PS64/359-1	09.07.03	03:39	72° 0.29' N	14° 42.20' E	0.0	ESE 5	42.3	0.2	Remote opera	ROV	Information	90 ° , 1 kn turning to the West
PS64/359-1	09.07.03	04:37	72° 0.23' N	14° 44.89' E	0.0	ESE 5	85.6	0.9	Remote opera	ROV	Information	turning to the East
PS64/359-1	09.07.03	06:21	72° 0.33' N	14° 42.42' E	0.0	E 3	174.3	0.0	Remote opera	ROV	Information	turning to the West
PS64/359-1	09.07.03	07:15	72° 0.36' N	14° 44.99' E	0.0	ESE 2	2.1	0.6	Remote opera	ROV	Information	stopping
PS64/359-1	09.07.03	08:13	72° 0.42' N	14° 42.34' E	0.0	E 3	269.3	0.9	Remote opera	ROV	Information	heading E
PS64/359-1	09.07.03	08:31	72° 0.41' N	14° 42.22' E	0.0	ENE 4	172.9	0.7	Remote opera	ROV	Information	stopping
PS64/359-1	09.07.03	09:24	72° 0.48' N	14° 44.57' E	0.0	ENE 3	300.8	0.5	Remote opera	ROV	Information	heading W
PS64/359-1	09.07.03	09:29	72° 0.47' N	14° 44.48' E	0.0	ENE 4	48.1	0.2	Remote opera	ROV	Information	heading E
PS64/359-1	09.07.03	10:14	72° 0.54' N	14° 42.68' E	0.0	E 3	276.6	0.5	Remote opera	ROV	Information	
PS64/359-1	09.07.03	11:00	72° 0.57' N	14° 44.40' E	0.0	ENE 3	246.0	0.2	Remote opera	ROV	Information	reached end of microbathymetrie survey track - heading towards shuttle position
PS64/359-1	09.07.03	11:35	72° 0.32' N	14° 43.13' E	0.0	ENE 3	228.7	0.4	Remote opera	ROV	Information	stopping at shuttle position
PS64/359-1	09.07.03	16:49	72° 0.33' N	14° 43.37' E	0.0	SSE 6	75.5	0.3	Remote opera	ROV	Information	Start mosaicing
PS64/359-1	09.07.03	20:08	72° 0.48' N	14° 43.21' E	1286.8	SSE 8	303.2	0.1	Remote opera	ROV	Information	coming back to the surface start heaving
PS64/359-1	09.07.03	20:43	72° 0.26' N	14° 42.94' E	1281.5	SSE 9	234.9	0.2	Remote opera	ROV	Information	coming back to the surface Depressor surfaced
PS64/359-1	09.07.03	20:44	72° 0.26' N	14° 42.93' E	1280.6	SSE 10	6.0	0.2	Remote opera	ROV	Information	coming back to the surface VICTOR surfaced
PS64/359-1	09.07.03	20:45	72° 0.26' N	14° 42.91' E	1280.6	SSE 9	300.0	0.5	Remote opera	ROV	Information	Depressor on deck
PS64/359-1	09.07.03	21:09	72° 0.33' N	14° 42.52' E	1293.2	S 10	312.6	0.6	Remote opera	ROV	Information	on deck VICTOR 6000
PS64/359-1	09.07.03	21:12	72° 0.36' N	14° 42.46' E	1292.9	S 10	337.0	0.6	Remote opera	ROV	Information	Shuttle released

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength	Speed	Gear		Action	Comment	
						[m/s]	Course [°]	[kn]	Gear			Abbreviation
PS64/359-1	09.07.03	21:39	72° 0.60' N	14° 41.94' E	1297.0	S 9	290.0	0.6	Remote opera	ROV	Shuttle	surfaced
PS64/359-1	09.07.03	22:02	72° 0.69' N	14° 43.26' E	1288.9	S 9	346.6	0.7	Remote opera	ROV	Shuttle	on crane hook
PS64/359-1	09.07.03	22:06	72° 0.74' N	14° 43.23' E	1288.8	S 9	12.8	0.9	Remote opera	ROV	Shuttle	on deck
PS64/360-1	09.07.03	22:27	72° 0.24' N	14° 43.49' E	1284.3	S 8	303.0	0.5	Bottom lander	LANDER	surface	and slipped
PS64/361-1	09.07.03	23:13	72° 0.05' N	14° 42.64' E	1292.0	SW 7	288.1	0.2	Heat Flow	HF	in the water	
PS64/361-1	09.07.03	23:40	72° 0.02' N	14° 42.56' E	1292.0	SW 7	333.9	0.2	Heat Flow	HF	at the bottom	GE72.1 - 1281 m
PS64/361-1	09.07.03	23:56	72° 0.01' N	14° 42.58' E	1291.4	SW 6	82.6	0.2	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	00:11	72° 0.05' N	14° 42.83' E	1289.7	WSW 6	22.1	0.1	Heat Flow	HF	at the bottom	
PS64/361-1	10.07.03	00:28	72° 0.06' N	14° 42.81' E	1287.4	WSW 4	294.6	0.3	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	00:41	72° 0.08' N	14° 43.06' E	1285.2	WSW 4	105.3	0.2	Heat Flow	HF	at the bottom	
PS64/361-1	10.07.03	00:57	72° 0.08' N	14° 43.07' E	1287.2	WSW 4	300.5	0.3	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	01:10	72° 0.13' N	14° 43.24' E	1282.2	WSW 3	236.6	0.3	Heat Flow	HF	at the bottom	
PS64/361-1	10.07.03	01:22	72° 0.13' N	14° 43.24' E	1283.6	WSW 3	124.0	0.3	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	01:35	72° 0.13' N	14° 43.40' E	1281.7	WSW 3	271.7	0.4	Heat Flow	HF	at the bottom	
PS64/361-1	10.07.03	01:37	72° 0.13' N	14° 43.39' E	1282.7	W 3	190.7	0.0	Heat Flow	HF	Information	umgefallen hieven und Wiederholung
PS64/361-1	10.07.03	01:41	72° 0.13' N	14° 43.37' E	1282.4	W 3	326.9	0.1	Heat Flow	HF	at the bottom	
PS64/361-1	10.07.03	01:55	72° 0.13' N	14° 43.41' E	1281.9	W 3	186.8	0.2	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	02:10	72° 0.15' N	14° 43.57' E	1284.7	W 3	253.6	0.3	Heat Flow	HF	at the bottom	
PS64/361-1	10.07.03	02:24	72° 0.14' N	14° 43.55' E	1285.5	WSW 3	190.6	0.0	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	02:40	72° 0.16' N	14° 43.75' E	1285.2	W 4	273.2	0.2	Heat Flow	HF	at the bottom	
PS64/361-1	10.07.03	02:54	72° 0.16' N	14° 43.75' E	1284.7	W 4	190.4	0.0	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	03:08	72° 0.17' N	14° 43.90' E	1284.4	W 4	207.7	0.2	Heat Flow	HF	at the bottom	
PS64/361-1	10.07.03	03:21	72° 0.17' N	14° 43.90' E	1285.0	W 6	273.7	0.3	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	03:35	72° 0.17' N	14° 44.07' E	1284.3	W 5	205.8	0.2	Heat Flow	HF	at the bottom	
PS64/361-1	10.07.03	03:49	72° 0.17' N	14° 44.08' E	1284.6	WNW 4	164.5	0.2	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	04:01	72° 0.16' N	14° 44.25' E	1284.4	W 3	161.1	0.2	Heat Flow	HF	at the bottom	GE72.1 1273 m ausgesteckt
PS64/361-1	10.07.03	04:16	72° 0.15' N	14° 44.25' E	1284.1	W 5	296.3	0.3	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	04:28	72° 0.15' N	14° 44.42' E	1288.1	W 5	189.9	0.0	Heat Flow	HF	at the bottom	GE72.1 1272 m ausgesteckt
PS64/361-1	10.07.03	04:43	72° 0.15' N	14° 44.43' E	1287.8	W 7	165.1	0.2	Heat Flow	HF	off bottom	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/361-1	10.07.03	04:55	72° 0.15' N	14° 44.61' E	1286.9	W 8	58.6	0.2	Heat Flow	HF	at the bottom	GE72.1 1274 m ausgesteckt
PS64/361-1	10.07.03	05:11	72° 0.15' N	14° 44.63' E	1286.6	W 7	27.8	0.3	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	05:23	72° 0.15' N	14° 44.77' E	1285.6	W 8	168.9	0.1	Heat Flow	HF	at the bottom	GE72.1 1273 m ausgesteckt
PS64/361-1	10.07.03	05:38	72° 0.13' N	14° 44.77' E	1286.4	W 7	190.7	0.0	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	05:57	72° 0.14' N	14° 45.12' E	1280.4	W 6	258.2	0.4	Heat Flow	HF	at the bottom	GE72.1 1271 m ausgesteckt
PS64/361-1	10.07.03	06:12	72° 0.15' N	14° 45.12' E	1280.5	W 6	190.8	0.0	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	06:58	71° 59.76' N	14° 44.15' E	1290.6	WSW 6	179.8	0.0	Heat Flow	HF	at the bottom	GE72.1 1277 m ausgesteckt
PS64/361-1	10.07.03	07:11	71° 59.75' N	14° 44.14' E	1291.0	WSW 6	308.2	0.2	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	07:30	71° 59.87' N	14° 44.16' E	1290.0	WSW 8	180.3	0.0	Heat Flow	HF	at the bottom	GE72.1 1280 m ausgesteckt
PS64/361-1	10.07.03	07:44	71° 59.86' N	14° 44.16' E	1289.9	WSW 8	154.9	0.1	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	08:00	71° 59.96' N	14° 44.18' E	1287.8	WSW 6	187.9	0.4	Heat Flow	HF	at the bottom	GE72.1 - 1278 m
PS64/361-1	10.07.03	08:14	71° 59.97' N	14° 44.17' E	1287.9	SW 6	267.2	0.1	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	08:25	72° 0.02' N	14° 44.15' E	1288.1	SW 6	180.9	0.0	Heat Flow	HF	at the bottom	GE72.1 - 1273 m
PS64/361-1	10.07.03	08:41	72° 0.02' N	14° 44.14' E	1287.3	WSW 7	179.9	0.0	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	08:50	72° 0.08' N	14° 44.11' E	1288.1	SW 7	262.4	0.2	Heat Flow	HF	at the bottom	GE72.1 - 1275 m
PS64/361-1	10.07.03	09:05	72° 0.07' N	14° 44.13' E	1289.0	SW 7	150.3	0.2	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	09:16	72° 0.13' N	14° 44.20' E	1285.0	WSW 8	117.0	0.3	Heat Flow	HF	at the bottom	GE72.1 - 1274 m
PS64/361-1	10.07.03	09:32	72° 0.12' N	14° 44.18' E	1285.0	SW 7	307.0	0.2	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	09:40	72° 0.19' N	14° 44.15' E	1284.0	SW 7	196.0	0.1	Heat Flow	HF	at the bottom	GE72.1 - 1280 m
PS64/361-1	10.07.03	09:55	72° 0.18' N	14° 44.16' E	1284.4	SW 7	90.4	0.1	Heat Flow	HF	off bottom	
PS64/361-1	10.07.03	10:04	72° 0.23' N	14° 44.14' E	1284.1	SW 8	180.6	0.0	Heat Flow	HF	at the bottom	GE72.1 - 1274 m
PS64/361-1	10.07.03	10:19	72° 0.24' N	14° 44.14' E	1285.0	SW 8	270.1	0.3	Heat Flow	HF	off bottom	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear	Action	Comment
						[m/s]	Course [°]	[kn]		Abbreviation			
PS64/361-1	10.07.03	10:27	72° 0.30' N	14° 44.16' E	1281.3	SW 8	344.6	0.2	Heat Flow	HF	at the bottom	GE72.1 - 1273 m	
PS64/361-1	10.07.03	10:35	72° 0.29' N	14° 44.12' E	1282.0	SW 9	180.5	0.0	Heat Flow	HF	off bottom		
PS64/361-1	10.07.03	10:46	72° 0.35' N	14° 44.15' E	1282.2	SW 8	180.9	0.0	Heat Flow	HF	at the bottom	GE72.1 - 1268 m	
PS64/361-1	10.07.03	10:47	72° 0.35' N	14° 44.14' E	1281.7	SW 8	105.3	0.2	Heat Flow	HF	Information	hieven, da Lanze umgefallen ist	
PS64/361-1	10.07.03	10:49	72° 0.35' N	14° 44.16' E	1280.6	SW 9	110.4	0.3	Heat Flow	HF	off bottom		
PS64/361-1	10.07.03	10:57	72° 0.40' N	14° 44.14' E	1283.9	SW 8	273.5	0.3	Heat Flow	HF	at the bottom	GE72.1 - 1274 m	
PS64/361-1	10.07.03	11:05	72° 0.41' N	14° 44.15' E	1288.4	SW 8	180.7	0.0	Heat Flow	HF	off bottom		
PS64/361-1	10.07.03	11:15	72° 0.50' N	14° 44.16' E	1287.1	SW 9	62.2	0.3	Heat Flow	HF	at the bottom	GE72.1 - 1277 m	
PS64/361-1	10.07.03	11:31	72° 0.51' N	14° 44.17' E	1286.7	WSW 8	27.3	0.6	Heat Flow	HF	off bottom	Ende des tracks - hieven an Deck	
PS64/361-1	10.07.03	12:00	72° 0.56' N	14° 43.92' E	1287.5	SW 7	10.6	0.4	Heat Flow	HF	on deck		
PS64/362-1	10.07.03	12:31	72° 0.22' N	14° 42.54' E	1289.6	SW 6	20.3	0.1	Multi corer	MUC	surface		
PS64/362-1	10.07.03	12:57	72° 0.21' N	14° 42.47' E	1290.4	WSW 7	270.1	0.2	Multi corer	MUC	at sea bottom	72.1 1263 m	
PS64/362-1	10.07.03	13:24	72° 0.22' N	14° 42.54' E	1289.7	SW 6	96.0	0.1	Multi corer	MUC	on deck		
PS64/363-1	10.07.03	13:39	72° 0.21' N	14° 42.48' E	1289.6	SW 7	308.9	0.1	Multi corer	MUC	surface		
PS64/363-1	10.07.03	14:08	72° 0.23' N	14° 42.47' E	1289.4	WSW 8	293.4	0.1	Multi corer	MUC	at sea bottom	1263 m	
PS64/363-1	10.07.03	14:37	72° 0.21' N	14° 42.46' E	1289.5	SW 8	115.4	0.2	Multi corer	MUC	on deck		
PS64/364-1	10.07.03	14:43	72° 0.21' N	14° 42.48' E	1289.6	SW 8	318.9	0.2	CTD/rosette w CTD/RO		surface		
PS64/364-1	10.07.03	15:12	72° 0.22' N	14° 42.47' E	1288.8	SW 8	12.7	0.2	CTD/rosette w CTD/RO		at depth	1265 m	
PS64/364-1	10.07.03	15:51	72° 0.21' N	14° 42.49' E	1288.8	SW 8	149.9	0.2	CTD/rosette w CTD/RO		on deck		
PS64/365-1	10.07.03	16:05	72° 0.22' N	14° 42.46' E	1289.6	WSW 9	31.4	0.2	Bottom water ε BWS		surface		
PS64/365-1	10.07.03	16:43	72° 0.19' N	14° 42.39' E	1290.0	WSW 9	53.2	0.2	Bottom water ε BWS		at sea bottom	SE32.1 1270 m ausgesteckt	
PS64/365-1	10.07.03	16:51	72° 0.20' N	14° 42.39' E	1290.1	SW 9	272.4	0.1	Bottom water ε BWS		off bottom		
PS64/365-1	10.07.03	17:15	72° 0.14' N	14° 42.37' E	1291.2	WSW 6	84.2	0.2	Bottom water ε BWS		on deck		
PS64/366-1	10.07.03	17:40	72° 0.17' N	14° 43.56' E	1284.5	SW 6	172.2	0.2	Multi corer	MUC	surface	with camera 1261m	
PS64/366-1	10.07.03	18:12	72° 0.17' N	14° 43.55' E	1284.8	WSW 8	270.1	0.1	Multi corer	MUC	at sea bottom	gesteckt, 72.1	
PS64/366-1	10.07.03	18:38	72° 0.15' N	14° 43.46' E	1285.0	WSW 11	204.7	0.2	Multi corer	MUC	on deck		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/367-1	10.07.03	19:03	72° 0.03' N	14° 44.08' E	1292.0	WSW 8	231.7	0.3	Multi corer	MUC	surface	with camera	
PS64/367-1	10.07.03	19:28	72° 0.05' N	14° 44.04' E	1294.0	SW 6	329.7	0.2	Multi corer	MUC	at sea bottom	GE72.1 1264 m ausgesteckt	
PS64/367-1	10.07.03	19:53	71° 59.98' N	14° 43.90' E	1292.0	SW 5	224.0	0.8	Multi corer	MUC	on deck	Gravimetry Survey	
PS64/368-1	10.07.03	20:01	71° 59.92' N	14° 42.78' E	1297.0	SSW 6	359.4	8.5	HydroSweep/F HS_PS		start track		
PS64/368-1	10.07.03	20:15	72° 2.32' N	14° 42.74' E	1276.0	SW 6	0.6	8.2	HydroSweep/F HS_PS		alter course	auf rw 180°	
PS64/368-1	10.07.03	20:43	71° 57.75' N	14° 41.98' E	1332.0	WSW 8	181.2	11.5	HydroSweep/F HS_PS		alter course	auf rw 360°	
PS64/368-1	10.07.03	22:18	72° 15.34' N	14° 43.43' E	1049.0	SSW 5	359.6	12.4	HydroSweep/F HS_PS		alter course	auf rw 270°	
PS64/368-1	10.07.03	23:01	72° 15.02' N	14° 19.48' E	1131.0	SW 6	267.6	11.0	HydroSweep/F HS_PS		alter course	auf rw 154°	
PS64/368-1	11.07.03	00:42	71° 59.09' N	14° 45.45' E	1294.0	S 6	155.2	10.9	HydroSweep/F HS_PS		profile end		
PS64/369-1	11.07.03	01:12	72° 0.02' N	14° 43.57' E	1292.0	S 5	77.3	0.3	Heat Flow	HF	in the water		
PS64/369-1	11.07.03	01:39	72° 0.01' N	14° 43.98' E	1293.0	S 6	195.1	0.6	Heat Flow	HF	at the bottom	1278 m	
PS64/369-1	11.07.03	01:50	72° 0.02' N	14° 43.96' E	1293.0	S 5	93.0	0.5	Heat Flow	HF	off bottom		
PS64/369-1	11.07.03	02:32	71° 59.57' N	14° 44.86' E	1293.0	SSE 5	252.2	0.3	Heat Flow	HF	at the bottom		
PS64/369-1	11.07.03	02:45	71° 59.56' N	14° 44.85' E	1292.0	SSE 5	94.7	0.1	Heat Flow	HF	off bottom		
PS64/369-1	11.07.03	03:28	71° 59.13' N	14° 45.86' E	1292.0	SE 6	177.6	0.0	Heat Flow	HF	at the bottom	1287 m	
PS64/369-1	11.07.03	03:34	71° 59.13' N	14° 45.85' E	1291.0	SE 5	131.9	0.2	Heat Flow	HF	off bottom		
PS64/369-1	11.07.03	04:20	71° 58.67' N	14° 46.84' E	1271.0	ESE 6	254.8	0.5	Heat Flow	HF	at the bottom	GE72.1 1266 m ausgesteckt	
PS64/369-1	11.07.03	04:34	71° 58.65' N	14° 46.81' E	1264.0	SE 6	54.4	0.2	Heat Flow	HF	off bottom		
PS64/369-1	11.07.03	05:26	71° 58.20' N	14° 47.79' E	1239.0	ESE 6	232.4	0.2	Heat Flow	HF	at the bottom	GE72.1 1232 m ausgesteckt	
PS64/369-1	11.07.03	05:31	71° 58.20' N	14° 47.78' E	1239.0	ESE 5	2.4	0.1	Heat Flow	HF	off bottom		
PS64/369-1	11.07.03	06:29	71° 57.79' N	14° 48.69' E	1232.0	SE 6	256.3	0.1	Heat Flow	HF	at the bottom	GE72.1 1224 m ausgesteckt	
PS64/369-1	11.07.03	06:43	71° 57.79' N	14° 48.62' E	1233.0	SE 6	286.9	0.1	Heat Flow	HF	off bottom		
PS64/369-1	11.07.03	07:33	71° 57.37' N	14° 49.67' E	1226.0	E 6	66.9	0.1	Heat Flow	HF	at the bottom	GE72.1 1212 m ausgesteckt	
PS64/369-1	11.07.03	07:40	71° 57.36' N	14° 49.67' E	1222.0	ESE 7	255.6	0.2	Heat Flow	HF	off bottom		
PS64/369-1	11.07.03	08:32	71° 56.92' N	14° 50.75' E	1222.0	E 7	68.2	0.0	Heat Flow	HF	at the bottom	GE72.1 - 1207 m	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/369-1	11.07.03	08:47	71° 56.91' N	14° 50.76' E	1222.0	E 7	160.9	0.2	Heat Flow	HF	off bottom	Ende des Profils - hieven an Deck
PS64/369-1	11.07.03	09:11	71° 56.87' N	14° 50.69' E	1223.0	E 7	228.3	0.8	Heat Flow	HF	on deck	
PS64/370-1	11.07.03	09:49	72° 0.41' N	14° 42.45' E	1298.0	E 8	275.3	0.5	Bottom lander	LANDER	Information	hydrophone in the water
PS64/370-1	11.07.03	09:51	72° 0.41' N	14° 42.42' E	1298.0	E 8	279.4	0.1	Bottom lander	LANDER	released	laut POSIDONIA & Auslöse- Hydrophon
PS64/370-1	11.07.03	09:54	72° 0.41' N	14° 42.41' E	1297.0	E 8	315.7	0.2	Bottom lander	LANDER	Information	Hydrophone on deck
PS64/370-1	11.07.03	10:14	72° 0.38' N	14° 42.53' E	1297.0	E 7	223.2	0.2	Bottom lander	LANDER	Information	Lander surfaced
PS64/370-1	11.07.03	10:29	72° 0.31' N	14° 42.94' E	1289.0	E 7	279.6	1.1	Bottom lander	LANDER	Information	on crane hook
PS64/370-1	11.07.03	10:33	72° 0.32' N	14° 42.75' E	1293.0	E 7	276.4	0.7	Bottom lander	LANDER	on Deck	
PS64/371-1	11.07.03	10:54	72° 0.20' N	14° 43.86' E	1289.0	E 7	181.8	0.4	Gravity corer	GC	surface	
PS64/371-1	11.07.03	11:12	72° 0.20' N	14° 43.88' E	1289.0	ESE 7	53.4	0.2	Gravity corer	GC	at sea bottom off ground	GE52.2 - 1261 m
PS64/371-1	11.07.03	11:20	72° 0.20' N	14° 43.86' E	1289.0	E 7	184.5	0.2	Gravity corer	GC	hoisting	
PS64/371-1	11.07.03	11:23	72° 0.20' N	14° 43.85' E	1288.0	ESE 8	356.8	0.2	Gravity corer	GC	information	3 Minuten Stopp bei 1200m gesteckter Drahtlänge; Fish-Echolot zugeschaltet
PS64/371-1	11.07.03	11:48	72° 0.34' N	14° 43.57' E	1286.0	E 8	62.1	0.3	Gravity corer	GC	on deck	
PS64/372-1	11.07.03	12:34	72° 0.26' N	14° 43.50' E	1289.0	E 8	112.2	0.0	Gravity corer	GC	surface	
PS64/372-1	11.07.03	12:52	72° 0.26' N	14° 43.59' E	1288.0	E 8	97.6	0.0	Gravity corer	GC	at sea bottom off ground	
PS64/372-1	11.07.03	12:59	72° 0.27' N	14° 43.60' E	1288.0	E 8	253.2	0.2	Gravity corer	GC	hoisting	
PS64/372-1	11.07.03	13:22	72° 0.27' N	14° 43.56' E	1287.0	E 8	114.9	0.2	Gravity corer	GC	on deck	
PS64/373-1	11.07.03	13:59	72° 0.22' N	14° 43.66' E	1287.0	E 7	98.9	0.0	Gravity corer	GC	surface	
PS64/373-1	11.07.03	14:17	72° 0.21' N	14° 43.66' E	1288.0	E 7	98.8	0.0	Gravity corer	GC	at sea bottom off ground	1255 m
PS64/373-1	11.07.03	14:25	72° 0.21' N	14° 43.68' E	1288.0	E 7	38.8	0.1	Gravity corer	GC	hoisting	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/373-1	11.07.03	14:49	72° 0.24' N	14° 43.83' E	1288.0	E 6	59.8	0.3	Gravity corer	GC	on deck		
PS64/374-1	11.07.03	15:25	72° 0.38' N	14° 43.61' E	1287.0	E 6	112.0	0.3	Gravity corer	GC	surface		
PS64/374-1	11.07.03	15:41	72° 0.38' N	14° 43.61' E	1286.0	E 7	55.9	0.1	Gravity corer	GC	at sea bottom off ground	1254 m	
PS64/374-1	11.07.03	15:48	72° 0.37' N	14° 43.61' E	1286.0	E 7	99.0	0.0	Gravity corer	GC	hoisting		
PS64/374-1	11.07.03	16:11	72° 0.38' N	14° 43.56' E	1288.0	E 6	315.3	0.3	Gravity corer	GC	on deck		
PS64/375-1	11.07.03	17:20	72° 0.26' N	14° 43.84' E	1287.0	E 7	331.0	0.4	Bottom lander	LANDER	surface	Heat-Flow Lander mit Posidonia über dem Grund gefiert und geslipt	
PS64/375-1	11.07.03	18:40	72° 0.25' N	14° 43.84' E	1289.0	E 6	181.0	0.2	Bottom lander	LANDER	released	Releaser an Deck	
PS64/375-1	11.07.03	19:03	72° 0.22' N	14° 43.87' E	1289.0	ENE 6	74.7	0.2	Bottom lander	LANDER	Information		
PS64/376-1	11.07.03	19:22	72° 0.15' N	14° 43.87' E	1290.0	ENE 6	5.1	0.5	Bottom lander	LANDER	surface	and slipped into water and slipped	
PS64/377-1	11.07.03	19:49	72° 0.45' N	14° 43.18' E	1291.0	E 8	79.8	0.0	Remote opera	ROV	Shuttle		
PS64/377-1	11.07.03	20:17	72° 0.00' N	14° 44.18' E	1294.0	ENE 7	104.6	0.2	Remote opera	ROV	surface	VICTOR 6000	
PS64/377-1	11.07.03	20:28	71° 59.97' N	14° 44.00' E	1293.0	ENE 7	252.0	0.6	Remote opera	ROV	Depressor into water		
PS64/377-1	11.07.03	20:38	71° 59.99' N	14° 44.10' E	1294.0	ENE 6	82.0	0.4	Remote opera	ROV	Information	DWS- Echosounder switched off	
PS64/377-1	11.07.03	21:20	72° 0.03' N	14° 44.57' E	1292.0	ENE 6	78.8	0.0	Remote opera	ROV	at depth		
PS64/377-1	11.07.03	21:33	72° 0.02' N	14° 44.48' E	0.0	E 6	287.5	0.1	Remote opera	ROV	Information	Hydrosweep turned off	
PS64/377-1	11.07.03	21:39	72° 0.05' N	14° 44.42' E	0.0	E 6	304.4	1.0	Remote opera	ROV	Information	stopping	
PS64/377-1	11.07.03	22:46	72° 0.08' N	14° 44.42' E	0.0	ENE 6	28.4	0.1	Remote opera	ROV	Information	heading NW	
PS64/377-1	11.07.03	23:14	72° 0.35' N	14° 43.62' E	0.0	E 7	341.8	0.9	Remote opera	ROV	Information	stopping	
PS64/377-1	11.07.03	23:25	72° 0.37' N	14° 43.64' E	0.0	ENE 6	265.3	0.6	Remote opera	ROV	Information	heading SE	
PS64/377-1	11.07.03	23:30	72° 0.34' N	14° 43.64' E	0.0	ENE 6	125.3	0.6	Remote opera	ROV	Information	stopping	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/377-1	11.07.03	23:38	72° 0.34' N	14° 43.65' E	0.0	ENE 6	87.0	0.0	Remote opera	ROV	Information	Fish- Echosounder switched on - DOLOG switched off to prevent interference with Fish- Echosounder
PS64/377-1	12.07.03	01:30	72° 0.41' N	14° 43.65' E	0.0	ENE 7	319.7	0.9	Remote opera	ROV	Information	move 300° 300 m to Suttle postion
PS64/377-1	12.07.03	02:34	72° 0.43' N	14° 43.40' E	0.0	NE 6	127.7	1.1	Remote opera	ROV	Information	move 130 ° 200m
PS64/377-1	12.07.03	06:20	72° 0.29' N	14° 43.71' E	0.0	E 7	91.2	0.0	Remote opera	ROV	Information	Observation of HF Sat.-Lance
PS64/377-1	12.07.03	07:10	72° 0.18' N	14° 43.80' E	0.0	E 4	204.7	0.1	Remote opera	ROV	Information	Observation MPI-Lander released
PS64/377-1	12.07.03	09:04	72° 0.09' N	14° 43.90' E	0.0	ENE 6	89.4	0.0	Remote opera	ROV	Information	additional buoyancy of Lander
PS64/377-1	12.07.03	09:27	72° 0.07' N	14° 43.85' E	0.0	ENE 7	189.2	0.2	Remote opera	ROV	Information	buoyancy surfaced
PS64/377-1	12.07.03	09:29	72° 0.05' N	14° 43.85' E	0.0	ENE 7	167.1	0.6	Remote opera	ROV	Information	Zodiak in the water
PS64/377-1	12.07.03	09:39	71° 59.99' N	14° 43.70' E	0.0	ENE 8	241.6	0.5	Remote opera	ROV	Information	buoyancy on deck
PS64/377-1	12.07.03	09:45	71° 59.95' N	14° 43.56' E	0.0	ENE 8	219.4	0.6	Remote opera	ROV	Information	Zodiak on deck; heading N
PS64/377-1	12.07.03	10:30	72° 0.34' N	14° 43.53' E	0.0	ENE 7	75.6	0.0	Remote opera	ROV	Information	stopping
PS64/377-1	12.07.03	20:14	72° 0.43' N	14° 43.50' E	0.0	E 4	294.6	0.3	Remote opera	ROV	Information	heading W
PS64/377-1	12.07.03	20:58	72° 0.49' N	14° 42.32' E	0.0	ENE 2	309.5	0.3	Remote opera	ROV	Information	stopping
PS64/377-1	12.07.03	21:03	72° 0.46' N	14° 42.27' E	0.0	E 2	79.5	0.2	Remote opera	ROV	Information	heading E
PS64/377-1	12.07.03	22:06	72° 0.42' N	14° 44.33' E	0.0	N 1	100.2	0.0	Remote opera	ROV	Information	stopping
PS64/377-1	12.07.03	22:10	72° 0.43' N	14° 44.28' E	0.0	NE 1	239.9	0.3	Remote opera	ROV	Information	heading W
PS64/377-1	12.07.03	23:00	72° 0.37' N	14° 42.95' E	0.0	NNE 3	34.2	0.2	Remote opera	ROV	Information	stopping
PS64/377-1	12.07.03	23:43	72° 0.39' N	14° 42.84' E	0.0	NNE 4	66.4	0.5	Remote opera	ROV	Information	heading E



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength	Speed	Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear		
PS64/377-1	13.07.03	07:35	72° 0.36' N	14° 43.58' E	0.0	W 6	273.7	0.3	Remote opera	ROV Shuttle	released
PS64/377-1	13.07.03	07:57	72° 0.34' N	14° 43.32' E	0.0	WNW 7	144.7	0.4	Remote opera	ROV Shuttle	surfaced Shuttle
PS64/377-1	13.07.03	07:58	72° 0.33' N	14° 43.33' E	0.0	W 7	140.6	0.3	Remote opera	ROV Shuttle	surfaced
PS64/377-1	13.07.03	08:14	72° 0.44' N	14° 41.99' E	0.0	W 6	28.4	0.3	Remote opera	ROV Shuttle	on crane hook
PS64/377-1	13.07.03	08:17	72° 0.46' N	14° 41.96' E	0.0	W 7	290.1	0.2	Remote opera	ROV Shuttle	on deck
PS64/377-1	13.07.03	08:32	72° 0.55' N	14° 41.49' E	0.0	WSW 7	352.2	0.6	Remote opera	ROV Information	heading towards shuttle-deployment position in the water and
PS64/377-1	13.07.03	09:22	72° 0.50' N	14° 43.06' E	0.0	W 7	323.6	0.4	Remote opera	ROV Shuttle	slipped
PS64/377-1	13.07.03	09:27	72° 0.53' N	14° 43.04' E	0.0	W 6	330.9	0.4	Remote opera	ROV Information	waiting for shuttle to reach the ground
PS64/377-1	13.07.03	09:47	72° 0.57' N	14° 42.96' E	0.0	W 8	229.6	0.7	Remote opera	ROV Information	proceeding to shuttle position Lat: 72°00,504'N, Lon: 014°42,674'E
PS64/377-1	13.07.03	10:10	72° 0.52' N	14° 42.83' E	0.0	W 7	214.7	0.4	Remote opera	ROV Information	stopp
PS64/377-1	13.07.03	10:47	72° 0.56' N	14° 42.94' E	0.0	W 6	240.9	0.4	Remote opera	ROV Information	proceeding to site of methan bubbles
PS64/377-1	13.07.03	11:09	72° 0.40' N	14° 43.70' E	0.0	W 6	177.9	0.5	Remote opera	ROV Information	stopping at new gas-bubble site
PS64/377-1	13.07.03	18:12	72° 0.27' N	14° 43.30' E	0.0	W 8	67.0	0.4	Remote opera	ROV Information	coming back to the surface start heaving
PS64/377-1	13.07.03	18:56	72° 0.16' N	14° 42.38' E	0.0	W 7	265.7	0.8	Remote opera	ROV	Depressor on deck
PS64/377-1	13.07.03	19:20	72° 0.12' N	14° 41.28' E	0.0	W 7	256.9	0.8	Remote opera	ROV	on deck
PS64/377-1	13.07.03	19:38	72° 0.25' N	14° 42.83' E	0.0	W 8	263.5	1.0	Remote opera	ROV Shuttle	Released
PS64/377-1	13.07.03	19:57	72° 0.22' N	14° 42.58' E	0.0	W 8	143.6	0.4	Remote opera	ROV Shuttle	surfaced
PS64/377-1	13.07.03	20:07	72° 0.54' N	14° 41.97' E	0.0	W 8	195.8	0.5	Remote opera	ROV Shuttle	on crane hook
PS64/377-1	13.07.03	20:12	72° 0.50' N	14° 41.91' E	1298.2	W 8	198.3	0.3	Remote opera	ROV Shuttle	on deck

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/378-1	13.07.03	20:27	72° 0.25' N	14° 42.85' E	1283.0	WNW 9	70.1	0.2	Bottom lander	LANDER	Information	hydrophone in the water	
PS64/378-1	13.07.03	20:29	72° 0.24' N	14° 42.85' E	1281.8	WNW 7	201.4	0.4	Bottom lander	LANDER	released		
PS64/378-1	13.07.03	20:32	72° 0.26' N	14° 42.87' E	1282.0	WNW 8	3.4	0.6	Bottom lander	LANDER	Information	located with POSIDONIA	
PS64/378-1	13.07.03	20:34	72° 0.28' N	14° 42.88' E	1282.6	WNW 6	351.9	0.6	Bottom lander	LANDER	Information	hydrophone on deck	
PS64/378-1	13.07.03	20:57	72° 0.53' N	14° 42.74' E	1291.4	WNW 6	339.7	0.6	Bottom lander	LANDER	Information	Lander surfaced	
PS64/378-1	13.07.03	21:17	72° 0.19' N	14° 42.84' E	1284.5	W 7	15.0	0.6	Bottom lander	LANDER	Information	on crane hook	
PS64/378-1	13.07.03	21:18	72° 0.20' N	14° 42.84' E	1284.5	W 7	0.3	0.7	Bottom lander	LANDER	on Deck		
PS64/379-1	13.07.03	21:40	72° 0.18' N	14° 43.22' E	0.0	W 5	48.6	1.6	Fischereilotsur	FLS	Start Track	DOLOG off, DWS off	
PS64/379-1	13.07.03	23:18	72° 0.34' N	14° 44.70' E	1287.0	WSW 6	79.7	1.7	Fischereilotsur	FLS	End of Track		
PS64/380-1	13.07.03	23:36	72° 0.39' N	14° 43.66' E	0.0	WSW 6	111.3	0.7	CTD/rosette w	CTD/RO	surface	with autonomous camera and methane-sensor	
PS64/380-1	14.07.03	00:05	72° 0.35' N	14° 43.66' E	0.0	WSW 7	219.8	0.2	CTD/rosette w	CTD/RO	at depth	EL 31 m 1256 m	
PS64/380-1	14.07.03	00:13	72° 0.40' N	14° 43.57' E	0.0	WSW 6	160.4	0.0	CTD/rosette w	CTD/RO	Information	Bottle 1&2 close	
PS64/380-1	14.07.03	00:17	72° 0.40' N	14° 43.60' E	0.0	WSW 6	223.3	0.2	CTD/rosette w	CTD/RO	Information	Bottle 3 & 4 close	
PS64/380-1	14.07.03	00:23	72° 0.38' N	14° 43.52' E	0.0	WSW 6	304.5	0.3	CTD/rosette w	CTD/RO	Information	bottle 5 & 6 close	
PS64/380-1	14.07.03	00:25	72° 0.39' N	14° 43.49' E	0.0	WSW 6	319.9	0.4	CTD/rosette w	CTD/RO	Information	Bottle 7 & 8	
PS64/380-1	14.07.03	00:29	72° 0.39' N	14° 43.47' E	0.0	WSW 6	121.6	0.3	CTD/rosette w	CTD/RO	Information	Bottle 9& 10	
PS64/380-1	14.07.03	00:38	72° 0.33' N	14° 43.47' E	0.0	WSW 6	117.5	0.3	CTD/rosette w	CTD/RO	Information	Bottle 11&12	
PS64/380-1	14.07.03	00:52	72° 0.34' N	14° 43.66' E	0.0	WSW 6	89.3	0.1	CTD/rosette w	CTD/RO	Information	Bottle 13 & 14 close	
PS64/380-1	14.07.03	00:59	72° 0.37' N	14° 43.77' E	0.0	WSW 6	151.1	0.0	CTD/rosette w	CTD/RO	Information	hoist to 1205m bottle 15 & 16 close	
PS64/380-1	14.07.03	01:04	72° 0.38' N	14° 43.85' E	0.0	WSW 6	58.9	0.6	CTD/rosette w	CTD/RO	Information	hoist to 1000 m Bottle 17 & 18 close	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/380-1	14.07.03	01:08	72° 0.40' N	14° 43.93' E	0.0	WSW 6	83.4	0.3	CTD/rosette w CTD/RO	Information		hoist to 900 m Bottle 19 & 20 close	
PS64/380-1	14.07.03	01:10	72° 0.40' N	14° 43.97' E	0.0	WSW 6	62.7	0.5	CTD/rosette w CTD/RO	Information		hoist to 850 m bottle 20 & 21 close	
PS64/380-1	14.07.03	01:16	72° 0.41' N	14° 44.07' E	0.0	WSW 5	71.5	0.4	CTD/rosette w CTD/RO	Information		hoist to 650 m Close Bottle 23 & 24	
PS64/380-1	14.07.03	01:28	72° 0.42' N	14° 44.22' E	1280.0	WSW 6	56.0	0.6	CTD/rosette w CTD/RO		on deck		
PS64/381-1	14.07.03	01:56	72° 0.39' N	14° 43.37' E	0.0	SW 6	189.0	0.4	Bottom water ε BWS		surface		
PS64/381-1	14.07.03	02:25	72° 0.38' N	14° 43.43' E	0.0	SW 7	180.5	0.0	Bottom water ε BWS		at sea bottom		
PS64/381-1	14.07.03	02:32	72° 0.38' N	14° 43.41' E	0.0	SW 6	233.3	0.4	Bottom water ε BWS		off bottom		
PS64/381-1	14.07.03	02:56	72° 0.37' N	14° 43.37' E	1280.0	SSW 6	188.9	0.2	Bottom water ε BWS		on deck		
PS64/382-1	14.07.03	03:32	72° 0.37' N	14° 43.47' E	0.0	SW 6	259.9	0.1	Bottom water ε BWS		surface		
PS64/382-1	14.07.03	04:02	72° 0.38' N	14° 43.51' E	0.0	SW 4	304.6	0.1	Bottom water ε BWS		at sea bottom		
PS64/382-1	14.07.03	04:09	72° 0.38' N	14° 43.48' E	0.0	SW 4	57.7	0.3	Bottom water ε BWS		off bottom		
PS64/382-1	14.07.03	04:34	72° 0.36' N	14° 43.47' E	1283.0	SSW 5	180.1	0.0	Bottom water ε BWS		on deck		
PS64/383-1	14.07.03	05:04	72° 0.37' N	14° 43.46' E	0.0	S 5	325.1	0.2	Bottom water ε BWS		surface		
PS64/383-1	14.07.03	05:34	72° 0.37' N	14° 43.47' E	0.0	S 5	19.5	0.1	Bottom water ε BWS		at sea bottom	SE32.1 1257 m ausgesteckt	
PS64/383-1	14.07.03	05:41	72° 0.38' N	14° 43.45' E	0.0	S 5	180.3	0.0	Bottom water ε BWS		off bottom		
PS64/383-1	14.07.03	06:07	72° 0.39' N	14° 43.45' E	0.0	S 6	179.0	0.0	Bottom water ε BWS		on deck		
PS64/384-1	14.07.03	06:20	72° 0.35' N	14° 43.46' E	0.0	S 5	359.5	0.3	CTD/rosette w CTD/RO		surface		
PS64/384-1	14.07.03	06:48	72° 0.37' N	14° 43.44' E	0.0	S 6	155.2	0.1	CTD/rosette w CTD/RO		at depth	EL31 1255 m ausgesteckt, Flasche 1 u. 2 geschlossen	
PS64/384-1	14.07.03	06:57	72° 0.37' N	14° 43.45' E	0.0	S 6	248.8	0.4	CTD/rosette w CTD/RO	Information		Flaschen 3 u. 4 geschlossen; 5 m ü.G.	
PS64/384-1	14.07.03	07:02	72° 0.37' N	14° 43.45' E	0.0	S 6	359.0	0.2	CTD/rosette w CTD/RO	Information		Flaschen 5 u. 6 geschlossen; 1140 m ausgesteckt	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/384-1	14.07.03	07:10	72° 0.35' N	14° 43.59' E	0.0	S 6	12.0	0.4	CTD/rosette w CTD/RO	Information		Flaschen 7 u. 8 geschlossen; 1000 m ausgesteckt
PS64/384-1	14.07.03	07:17	72° 0.39' N	14° 43.36' E	0.0	S 6	293.1	0.3	CTD/rosette w CTD/RO	Information		Flaschen 9 u. 10 geschlossen; 900 m ausgesteckt
PS64/384-1	14.07.03	07:21	72° 0.38' N	14° 43.33' E	0.0	S 6	180.5	0.0	CTD/rosette w CTD/RO	Information		Flaschen 11 u. 12 geschlossen; 800 m ausgesteckt
PS64/384-1	14.07.03	07:25	72° 0.38' N	14° 43.30' E	0.0	S 6	28.4	0.3	CTD/rosette w CTD/RO	Information		Flaschen 13 u. 14 geschlossen; 750 m ausgesteckt
PS64/384-1	14.07.03	07:27	72° 0.38' N	14° 43.31' E	0.0	S 6	125.0	0.2	CTD/rosette w CTD/RO	Information		Flaschen 15 u. 16 geschlossen; 720 m ausgesteckt
PS64/384-1	14.07.03	07:28	72° 0.38' N	14° 43.31' E	0.0	S 6	277.0	0.3	CTD/rosette w CTD/RO	Information		Flaschen 17 u. 18 geschlossen; 700 m ausgesteckt
PS64/384-1	14.07.03	07:32	72° 0.41' N	14° 43.19' E	0.0	S 6	312.3	0.5	CTD/rosette w CTD/RO	Information		Flaschen 19 u. 20 geschlossen; 660 m ausgesteckt
PS64/384-1	14.07.03	07:38	72° 0.39' N	14° 43.16' E	0.0	S 6	153.6	0.6	CTD/rosette w CTD/RO	Information		Flaschen 21 u. 22 geschlossen; 650 m ausgesteckt

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation		
												Flaschen 23 u. 24 geschlossen; 610 m ausgesteckt
PS64/384-1	14.07.03	07:42	72° 0.36' N	14° 43.21' E	0.0	S 6	271.1	0.2	CTD/rosette w	CTD/RO	Information	
PS64/384-1	14.07.03	07:56	72° 0.37' N	14° 43.37' E	1283.0	S 7	120.6	0.3	CTD/rosette w	CTD/RO	on deck	
PS64/385-1	14.07.03	08:01	72° 0.36' N	14° 43.37' E	0.0	S 7	32.3	0.4	In situ pump	ISP	into water	Weights
PS64/385-1	14.07.03	08:22	72° 0.37' N	14° 43.33' E	0.0	S 7	61.9	0.2	In situ pump	ISP	into water	Pump 1
PS64/385-1	14.07.03	08:32	72° 0.37' N	14° 43.36' E	0.0	SSE 8	212.2	0.4	In situ pump	ISP	into water	Pumpe2
PS64/385-1	14.07.03	08:45	72° 0.37' N	14° 43.39' E	1282.5	SSE 8	220.0	0.4	In situ pump	ISP	pump at depth	EL31 - 1140 m
PS64/385-1	14.07.03	08:53	72° 0.37' N	14° 43.37' E	1283.9	S 8	165.0	0.0	In situ pump	ISP	Information	heaved 20m hoist to 1060 m
PS64/385-1	14.07.03	10:00	72° 0.38' N	14° 43.38' E	1284.5	S 8	228.8	0.2	In situ pump	ISP	Information	
PS64/385-1	14.07.03	10:37	72° 0.37' N	14° 43.43' E	1284.1	S 8	159.8	0.0	In situ pump	ISP	Information	lower to 1140 m
PS64/385-1	14.07.03	12:43	72° 0.46' N	14° 43.50' E	1283.9	S 10	96.8	0.4	In situ pump	ISP	Information	1. Pumpe bei 500 m an Deck
PS64/385-1	14.07.03	12:59	72° 0.40' N	14° 43.48' E	1284.0	S 9	44.0	0.1	In situ pump	ISP	on deck	
PS64/386-1	14.07.03	13:09	72° 0.39' N	14° 43.47' E	1284.4	S 10	55.0	0.2	CTD/rosette w	CTD/RO	surface	
PS64/386-1	14.07.03	13:38	72° 0.37' N	14° 43.51' E	1283.6	SSW 9	170.2	0.3	CTD/rosette w	CTD/RO	at depth	1256 m Bottle 1&2 close
PS64/386-1	14.07.03	13:39	72° 0.36' N	14° 43.51' E	1284.4	S 9	197.4	0.2	CTD/rosette w	CTD/RO	Information	Bottle 3 & 4 close
PS64/386-1	14.07.03	13:51	72° 0.40' N	14° 43.53' E	1284.6	SSW 10	88.8	0.2	CTD/rosette w	CTD/RO	Information	hoist to 1150 m Close Bottle 5 & 6
PS64/386-1	14.07.03	13:57	72° 0.38' N	14° 43.58' E	1282.6	S 10	194.3	0.3	CTD/rosette w	CTD/RO	Information	Bottle 7 & 8 close
PS64/386-1	14.07.03	14:05	72° 0.39' N	14° 43.59' E	1282.3	SSW 10	42.0	0.4	CTD/rosette w	CTD/RO	Information	hoist to 1100 m Bottle 9 & 10 close
PS64/386-1	14.07.03	14:08	72° 0.41' N	14° 43.63' E	1282.6	SSW 10	47.1	0.5	CTD/rosette w	CTD/RO	Information	hoist to 1000m Bottle 11 & 12 close
PS64/386-1	14.07.03	14:11	72° 0.42' N	14° 43.66' E	1285.1	SSW 10	32.3	0.5	CTD/rosette w	CTD/RO	Information	hoist to 900 Bottle 13 & 14 close
PS64/386-1	14.07.03	14:15	72° 0.45' N	14° 43.72' E	1284.7	SSW 10	42.4	0.8	CTD/rosette w	CTD/RO	surface	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear		Action	Comment
									Gear	Abbreviation		
PS64/386-1	14.07.03	14:19	72° 0.47' N	14° 43.77' E	1284.6	SSW 10	359.8	0.4	CTD/rosette w	CTD/RO	surface	750 m Bottle 15 & 16 close
PS64/386-1	14.07.03	14:21	72° 0.48' N	14° 43.76' E	1287.5	SSW 10	37.1	0.1	CTD/rosette w	CTD/RO	Information	Bottle 17 & 18 close
PS64/386-1	14.07.03	14:23	72° 0.46' N	14° 43.79' E	1284.3	SSW 10	126.9	0.7	CTD/rosette w	CTD/RO	Information	lower to 770 m Bottle 19 & 20 close
PS64/386-1	14.07.03	14:27	72° 0.44' N	14° 43.86' E	1281.9	SSW 10	226.8	0.3	CTD/rosette w	CTD/RO	surface	lower to 900 m Close 21 & 22
PS64/386-1	14.07.03	14:36	72° 0.42' N	14° 43.74' E	1286.0	SSW 10	110.7	0.2	CTD/rosette w	CTD/RO	surface	lower to 830 m Bottle 23 & 24 close
PS64/386-1	14.07.03	14:49	72° 0.43' N	14° 43.84' E	1281.2	SSW 10	173.9	0.2	CTD/rosette w	CTD/RO	on deck	
PS64/387-1	14.07.03	15:14	71° 58.99' N	14° 45.51' E	1291.6	S 10	218.8	0.3	Bottom lander	LANDER	surface	
												am Boden von Posidonia geortet auf B=71° 58.857 N & 14°44.973 E
PS64/387-1	14.07.03	15:50	71° 58.86' N	14° 45.72' E	1294.0	SSW 10	4.9	0.6	Bottom lander	LANDER	Information	
PS64/388-1	14.07.03	16:01	71° 59.12' N	14° 45.54' E	1295.0	SSW 10	189.4	7.9	HydroSweep/F	HS_PS	start track	
PS64/388-1	14.07.03	16:11	71° 57.60' N	14° 47.86' E	1244.0	SSW 11	153.9	10.9	HydroSweep/F	HS_PS	alter course	WP2 erreicht
PS64/388-1	14.07.03	17:30	71° 45.50' N	15° 6.50' E	1065.0	SSW 10	167.8	10.3	HydroSweep/F	HS_PS	alter course	WP3 erreicht
PS64/388-1	14.07.03	18:09	71° 45.15' N	14° 44.20' E	1248.0	SSW 9	270.5	11.4	HydroSweep/F	HS_PS	alter course	WP4 erreicht
PS64/388-1	14.07.03	20:40	71° 41.20' N	13° 12.47' E	1958.0	SSW 8	261.8	11.4	HydroSweep/F	HS_PS	alter course	WP5 erreicht
PS64/388-1	14.07.03	20:52	71° 43.25' N	13° 11.60' E	1943.0	SSW 8	359.9	11.3	HydroSweep/F	HS_PS	alter course	WP6 erreicht
PS64/388-1	14.07.03	21:42	71° 36.59' N	13° 30.25' E	1842.0	SSW 10	142.5	11.6	HydroSweep/F	HS_PS	alter course	WP7 erreicht
PS64/388-1	14.07.03	21:50	71° 37.14' N	13° 33.86' E	1812.0	SSW 10	49.4	11.4	HydroSweep/F	HS_PS	alter course	WP8 erreicht
PS64/388-1	14.07.03	22:40	71° 44.74' N	13° 16.12' E	1910.0	SSW 9	320.8	11.7	HydroSweep/F	HS_PS	alter course	wp9
PS64/388-1	14.07.03	22:48	71° 45.76' N	13° 19.01' E	1890.0	SSW 9	51.9	11.7	HydroSweep/F	HS_PS	alter course	wp10
PS64/388-1	14.07.03	23:39	71° 38.67' N	13° 38.10' E	1765.0	SW 10	142.6	11.3	HydroSweep/F	HS_PS	alter course	wp11 052°
PS64/388-1	14.07.03	23:48	71° 39.21' N	13° 42.19' E	1739.0	SW 9	54.2	12.2	HydroSweep/F	HS_PS	alter course	wp12 332°
PS64/388-1	15.07.03	00:34	71° 46.65' N	13° 24.43' E	1862.0	SSW 8	320.7	12.4	HydroSweep/F	HS_PS	profile end	
PS64/389-1	15.07.03	01:17	71° 42.14' N	13° 25.92' E	1887.0	SSW 8	253.8	0.1	Heat Flow	HF	in the water	
PS64/389-1	15.07.03	01:55	71° 42.12' N	13° 25.99' E	1886.0	SSW 8	202.4	0.0	Heat Flow	HF	at the bottom	1854 m
PS64/389-1	15.07.03	02:08	71° 42.12' N	13° 25.98' E	1887.0	SSW 7	172.2	0.1	Heat Flow	HF	off bottom	
PS64/389-1	15.07.03	02:24	71° 41.99' N	13° 26.05' E	1885.0	SSW 7	294.2	0.2	Heat Flow	HF	at the bottom	1871 m

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength	Speed	Gear	Gear	Action	Comment	
						[m/s]	[kn]		Abbreviation			
PS64/389-1	15.07.03	02:36	71° 41.99' N	13° 26.05' E	1885.0	SSW 8	194.3	0.0	Heat Flow	HF	off bottom	
PS64/389-1	15.07.03	02:50	71° 41.90' N	13° 26.11' E	1887.0	SSW 8	195.0	0.0	Heat Flow	HF	at the bottom	1870 m
PS64/389-1	15.07.03	03:02	71° 41.89' N	13° 26.10' E	1887.0	SSW 8	189.4	0.0	Heat Flow	HF	off bottom	
PS64/389-1	15.07.03	03:27	71° 41.68' N	13° 26.21' E	1892.0	SSW 8	214.7	0.2	Heat Flow	HF	at the bottom	1879 m
PS64/389-1	15.07.03	03:36	71° 41.67' N	13° 26.20' E	1894.0	SSW 9	310.2	0.2	Heat Flow	HF	off bottom	
												No data transfer, hieven
PS64/389-1	15.07.03	04:01	71° 41.35' N	13° 26.31' E	1896.0	SSW 8	29.7	0.8	Heat Flow	HF	Information	
PS64/389-1	15.07.03	04:34	71° 41.48' N	13° 26.44' E	1894.0	SSW 8	331.1	0.2	Heat Flow	HF	on deck	
PS64/389-2	15.07.03	05:35	71° 39.55' N	13° 26.97' E	1897.0	SSW 8	279.8	0.1	Heat Flow	HF	in the water	
												GE72.1 1862 m ausgesteckt
PS64/389-2	15.07.03	06:12	71° 39.50' N	13° 26.94' E	1897.0	SSW 8	191.7	0.3	Heat Flow	HF	at the bottom	
PS64/389-2	15.07.03	06:27	71° 39.50' N	13° 26.97' E	1897.0	SSW 8	210.3	0.0	Heat Flow	HF	off bottom	
												GE72.1 1866 m ausgesteckt
PS64/389-2	15.07.03	06:40	71° 39.42' N	13° 26.97' E	1898.0	SSW 8	104.1	0.1	Heat Flow	HF	at the bottom	
PS64/389-2	15.07.03	06:56	71° 39.42' N	13° 26.98' E	1898.0	SSW 7	108.9	0.1	Heat Flow	HF	off bottom	
PS64/389-2	15.07.03	07:33	71° 39.35' N	13° 26.95' E	1896.0	SSW 7	187.1	0.1	Heat Flow	HF	on deck	
PS64/390-1	15.07.03	08:19	71° 42.02' N	13° 26.03' E	1884.0	SSW 6	175.7	0.6	Multi corer	MUC	surface	
												GE72.1 - 1844 m
PS64/390-1	15.07.03	09:04	71° 41.96' N	13° 26.10' E	1885.0	SSW 7	74.4	0.4	Multi corer	MUC	at sea bottom	
PS64/390-1	15.07.03	09:41	71° 41.96' N	13° 26.13' E	1884.0	SSW 8	240.3	0.4	Multi corer	MUC	on deck	
												with camera and methane-sensor
PS64/391-1	15.07.03	09:50	71° 41.95' N	13° 26.16' E	1885.0	SSW 7	316.8	0.3	CTD/rosette w CTD/RO		surface	
PS64/391-1	15.07.03	10:27	71° 41.97' N	13° 26.07' E	1884.0	SSW 7	20.0	0.2	CTD/rosette w CTD/RO		at depth	EL31 - 1841 m
PS64/391-1	15.07.03	11:14	71° 41.96' N	13° 26.09' E	1886.0	SSW 8	199.8	0.0	CTD/rosette w CTD/RO		on deck	
PS64/392-1	15.07.03	11:23	71° 41.96' N	13° 26.13' E	1884.0	SW 8	103.6	0.3	Bottom water ε BWS		surface	
PS64/392-1	15.07.03	12:04	71° 41.95' N	13° 26.07' E	1885.0	SW 10	224.5	0.1	Bottom water ε BWS		at sea bottom	1840 m bis 1842 zugesteckt
PS64/392-1	15.07.03	12:12	71° 41.95' N	13° 26.07' E	1885.0	SW 10	4.3	0.2	Bottom water ε BWS		off bottom	
PS64/392-1	15.07.03	13:02	71° 42.00' N	13° 25.96' E	1884.0	SW 10	345.3	0.6	Bottom water ε BWS		on deck	
PS64/393-1	15.07.03	13:09	71° 41.99' N	13° 26.01' E	1886.0	SW 11	221.9	0.4	CTD/rosette w CTD/RO		surface	
PS64/393-1	15.07.03	13:46	71° 41.91' N	13° 26.01' E	1886.0	SW 10	69.8	0.2	CTD/rosette w CTD/RO		at depth	1839 m
PS64/393-1	15.07.03	13:53	71° 41.92' N	13° 26.05' E	1887.0	SW 11	219.8	0.0	CTD/rosette w CTD/RO		Information	hieven
PS64/393-1	15.07.03	14:30	71° 41.99' N	13° 25.95' E	1884.0	SW 9	0.7	0.1	CTD/rosette w CTD/RO		on deck	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength	Speed	Gear		Action	Comment	
						[m/s]	[kn]	Gear	Abbreviation			
PS64/394-1	15.07.03	18:27	71° 59.05' N	14° 44.79' E	1303.0	SW 8	20.0	0.2	Bottom lander	LANDER	Information	Hydrophon into water
PS64/394-1	15.07.03	18:31	71° 59.04' N	14° 44.74' E	1302.0	WSW 8	284.5	0.2	Bottom lander	LANDER	released	
PS64/394-1	15.07.03	18:54	71° 59.27' N	14° 45.15' E	1297.0	WSW 8	7.3	1.1	Bottom lander	LANDER	Information	Lander surfaced
PS64/394-1	15.07.03	19:08	71° 59.04' N	14° 45.16' E	1299.0	WSW 8	32.9	0.4	Bottom lander	LANDER	on Deck	
PS64/395-1	15.07.03	19:21	71° 59.03' N	14° 45.32' E	1297.0	WSW 8	216.2	0.5	Multi corer	MUC	surface	
PS64/395-1	15.07.03	19:44	71° 58.97' N	14° 45.41' E	1296.0	WSW 8	149.4	0.3	Multi corer	MUC	at sea bottom	GE72.1 1264 m ausgesteckt
PS64/395-1	15.07.03	20:08	71° 58.99' N	14° 45.28' E	1297.0	WSW 7	270.8	0.3	Multi corer	MUC	on deck	
PS64/396-1	15.07.03	20:24	72° 0.33' N	14° 43.39' E	1288.0	WSW 8	53.0	11.7	HydroSweep/F HS_PS		start track	with gravimetric survey
PS64/396-1	15.07.03	21:46	72° 7.62' N	15° 29.31' E	889.7	WSW 7	62.9	12.2	HydroSweep/F HS_PS		alter course	auf rw 180°
PS64/396-1	15.07.03	22:25	72° 0.39' N	15° 30.78' E	751.4	W 8	187.3	11.5	HydroSweep/F HS_PS		alter course	auf rw 270°
PS64/396-1	15.07.03	23:47	72° 0.25' N	14° 38.71' E	1339.0	NW 5	275.5	12.1	HydroSweep/F HS_PS		alter course	auf rw 090° - mit "Schweineohr"
PS64/396-1	16.07.03	00:26	72° 2.22' N	14° 48.56' E	1233.0	NNW 6	329.6	11.6	HydroSweep/F HS_PS		alter course	270°
PS64/396-1	16.07.03	00:33	72° 2.31' N	14° 44.25' E	1266.0	NNW 6	270.1	12.2	HydroSweep/F HS_PS		alter course	Südkurs radius 0,4 sm auf Nordkurs
PS64/396-1	16.07.03	01:50	71° 47.41' N	14° 43.61' E	1228.0	NNW 6	180.5	12.2	HydroSweep/F HS_PS		alter course	
PS64/396-1	16.07.03	03:09	72° 2.07' N	14° 40.91' E	1297.0	NW 4	0.9	12.5	HydroSweep/F HS_PS		alter course	
PS64/396-1	16.07.03	03:38	71° 57.43' N	14° 42.59' E	1312.0	NW 4	157.2	10.7	HydroSweep/F HS_PS		alter course	auf Nordkurs
PS64/396-1	16.07.03	04:05	72° 2.36' N	14° 43.35' E	1275.0	WNW 5	64.1	9.2	HydroSweep/F HS_PS		alter course	Turning to South course
PS64/396-1	16.07.03	04:34	71° 57.36' N	14° 44.32' E	1287.0	WNW 4	104.0	9.6	HydroSweep/F HS_PS		alter course	Turning to North course
PS64/396-1	16.07.03	05:00	72° 2.12' N	14° 44.87' E	1273.0	W 5	2.5	11.8	HydroSweep/F HS_PS		alter course	Go on course 114°
PS64/396-1	16.07.03	05:40	71° 59.76' N	15° 3.06' E	1116.0	WNW 4	117.1	10.5	HydroSweep/F HS_PS		alter course	Turning to the North
PS64/396-1	16.07.03	05:54	72° 0.26' N	15° 0.21' E	1141.0	WNW 5	267.4	6.2	HydroSweep/F HS_PS		alter course	Turning to the West
PS64/396-1	16.07.03	06:10	72° 0.47' N	14° 53.35' E	1214.0	WNW 6	268.5	10.9	HydroSweep/F HS_PS		profile end	
PS64/397-1	16.07.03	06:56	72° 0.38' N	14° 43.51' E	1287.0	WNW 3	184.6	0.3	Bottom water	ε BWS	surface	



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation		
PS64/397-1	16.07.03	07:25	72° 0.37' N	14° 43.45' E	1288.0	WNW 4	206.8	0.3	Bottom water ε	BWS	at sea bottom	SE32.1 1271 m ausgesteckt
PS64/397-1	16.07.03	07:37	72° 0.37' N	14° 43.38' E	1288.0	W 4	301.7	0.3	Bottom water ε	BWS	off bottom	
PS64/397-1	16.07.03	08:06	72° 0.37' N	14° 43.23' E	1288.0	WNW 3	260.1	0.4	Bottom water ε	BWS	on deck	
PS64/398-1	16.07.03	08:23	72° 0.42' N	14° 43.15' E	1292.0	W 3	278.2	0.0	Remote opera	ROV	Shuttle	into the water
PS64/398-1	16.07.03	08:26	72° 0.41' N	14° 43.11' E	1292.0	W 4	251.2	0.2	Remote opera	ROV	Shuttle	slipped
PS64/398-1	16.07.03	08:50	72° 0.29' N	14° 43.06' E	1290.0	W 3	246.9	0.7	Remote opera	ROV	surface	VICTOR 6000
PS64/398-1	16.07.03	09:00	72° 0.26' N	14° 42.81' E	1139.7	WNW 3	257.2	0.5	Remote opera	ROV	Depressor into water	
PS64/398-1	16.07.03	09:44	72° 0.08' N	14° 41.42' E	1139.3	WNW 4	188.0	0.4	Remote opera	ROV	Information	turning to head for centre of mud volcano
PS64/398-1	16.07.03	10:12	72° 0.13' N	14° 42.21' E	1139.2	WNW 3	57.7	1.1	Remote opera	ROV	at depth	
PS64/398-1	16.07.03	10:20	72° 0.22' N	14° 42.60' E	1139.2	WNW 3	52.4	1.1	Remote opera	ROV	Information	stopping
PS64/398-1	16.07.03	10:59	72° 0.20' N	14° 42.45' E	0.0	W 3	54.0	0.2	Remote opera	ROV	Information	continuing to go NE
PS64/398-1	16.07.03	11:10	72° 0.27' N	14° 42.76' E	0.0	WSW 3	44.5	0.8	Remote opera	ROV	Information	fish-echo sonder on
PS64/398-1	16.07.03	11:33	72° 0.38' N	14° 43.37' E	0.0	WSW 3	94.8	0.4	Remote opera	ROV	Information	stopping
PS64/398-1	16.07.03	22:22	72° 0.23' N	14° 43.18' E	0.0	W 7	172.0	0.2	Remote opera	ROV	Information	heading NE
PS64/398-1	16.07.03	22:43	72° 0.37' N	14° 43.33' E	0.0	W 6	56.7	0.1	Remote opera	ROV	Information	stopping
PS64/398-1	17.07.03	00:20	72° 0.38' N	14° 42.98' E	0.0	W 6	260.0	1.0	Remote opera	ROV	Information	move to the DEAD FISHES 244°, 900m
PS64/398-1	17.07.03	03:46	72° 0.17' N	14° 42.06' E	0.0	WSW 8	149.4	0.1	Remote opera	ROV	Information	Moving to 44 ° 660 m
PS64/398-1	17.07.03	08:25	72° 0.36' N	14° 43.17' E	0.0	WSW 11	329.5	0.5	Remote opera	ROV	Information	stopping
PS64/398-1	17.07.03	08:25	72° 0.36' N	14° 43.17' E	0.0	WSW 11	329.5	0.5	Remote opera	ROV	Information	heading NW
PS64/398-1	17.07.03	09:09	72° 0.38' N	14° 42.94' E	0.0	W 11	42.6	0.4	Remote opera	ROV	Information	moving to SE
PS64/398-1	17.07.03	09:36	72° 0.28' N	14° 43.06' E	0.0	W 8	104.6	0.3	Remote opera	ROV	Information	stopping
PS64/398-1	17.07.03	09:55	72° 0.31' N	14° 43.11' E	0.0	W 11	247.7	0.3	Remote opera	ROV	Information	heading NE to shuttle position
PS64/398-1	17.07.03	10:28	72° 0.43' N	14° 42.75' E	0.0	W 11	248.9	0.1	Remote opera	ROV	Information	stopping at shuttle position

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/398-1	17.07.03	10:41	72° 0.43' N	14° 42.68' E	0.0	W 11	156.7	0.2	Remote opera	ROV	Information	VICTOR blacked out	
PS64/398-1	17.07.03	11:15	72° 0.42' N	14° 42.62' E	0.0	W 11	220.1	0.3	Remote opera	ROV	coming back to the surface	start heaving	
PS64/398-1	17.07.03	11:58	72° 0.43' N	14° 41.64' E	0.0	WNW 10	258.2	0.4	Remote opera	ROV	coming back to the surface	Depressor surfaced	
PS64/398-1	17.07.03	12:00	72° 0.43' N	14° 41.59' E	0.0	W 10	270.8	0.5	Remote opera	ROV	coming back to the surface	VICTOR surfaced	
PS64/398-1	17.07.03	12:27	72° 0.43' N	14° 40.75' E	0.0	W 10	279.3	0.9	Remote opera	ROV	on deck		
PS64/398-1	17.07.03	12:51	72° 0.38' N	14° 43.62' E	0.0	W 10	275.3	1.1	Remote opera	ROV	Shuttle	released	
PS64/398-1	17.07.03	13:21	72° 0.51' N	14° 42.43' E	1295.0	W 10	282.6	0.2	Remote opera	ROV	Shuttle	an Deck	
PS64/399-1	20.07.03	10:06	79° 0.55' N	4° 21.14' E	2595.2	N 9	293.0	0.9	Mooring	MOR	Hydrophone into the water	Aufnahme Mooring "FEVI- 3" keine Antwort von der Verankerung	
PS64/399-1	20.07.03	10:09	79° 0.54' N	4° 20.94' E	2596.0	N 9	224.9	0.9	Mooring	MOR	released	Hydrophone on Deck	
PS64/399-1	20.07.03	10:10	79° 0.53' N	4° 20.89' E	2596.4	N 9	210.9	0.9	Mooring	MOR	on the surface	Toppeinheit am Draggen	
PS64/399-1	20.07.03	10:12	79° 0.50' N	4° 20.80' E	2597.2	N 9	208.8	0.8	Mooring	MOR	action	Toppeinheit	
PS64/399-1	20.07.03	10:38	79° 1.06' N	4° 19.12' E	2588.8	N 9	3.0	0.7	Mooring	MOR	on deck	Leine bis Sedimentfalle geht an Deck	
PS64/399-1	20.07.03	10:40	79° 1.05' N	4° 19.11' E	2589.2	N 8	199.7	0.8	Mooring	MOR	action	Sedimentfalle 1000 m Leine wird gehievt	
PS64/399-1	20.07.03	10:43	79° 1.01' N	4° 19.05' E	2590.4	N 8	202.7	0.8	Mooring	MOR	action	2. Benthospaket	
PS64/399-1	20.07.03	10:51	79° 0.94' N	4° 18.82' E	2594.0	N 8	220.7	0.6	Mooring	MOR	on deck	1000 m Leine werden gehievt	
PS64/399-1	20.07.03	10:54	79° 0.91' N	4° 18.73' E	2594.8	N 8	220.3	0.5	Mooring	MOR	action	3. Benthospaket	
PS64/399-1	20.07.03	11:13	79° 0.95' N	4° 18.09' E	2596.8	N 8	272.3	0.5	Mooring	MOR	on deck	2. Sedimentfalle	
PS64/399-1	20.07.03	11:20	79° 0.95' N	4° 17.86' E	2597.6	N 8	259.1	0.3	Mooring	MOR	action		
PS64/399-1	20.07.03	11:42	79° 0.97' N	4° 17.47' E	2599.2	NNW 7	228.9	0.4	Mooring	MOR	on deck		
PS64/399-1	20.07.03	11:48	79° 0.93' N	4° 17.30' E	2601.6	NNW 7	224.4	0.4	Mooring	MOR	on deck		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/399-1	20.07.03	11:59	79° 0.89' N	4° 16.94' E	2606.8	NNW 6	270.0	0.4	Mooring	MOR	on deck	4. Benthospaket, Strömungsmes- ser & Auslöser
PS64/400-1	20.07.03	15:33	78° 58.17' N	6° 42.56' E	1402.5	NNW 7	132.3	0.3	Remote opera	ROV	surface	VICTOR 6000
PS64/400-1	20.07.03	15:43	78° 58.15' N	6° 42.62' E	1403.2	NNW 7	168.5	0.3	Remote opera	ROV	Depressor into water	
PS64/400-1	20.07.03	16:44	78° 58.12' N	6° 42.47' E	0.0	NW 7	1.8	0.4	Remote opera	ROV	at depth	Start searching for SAMS- Lander
PS64/400-1	20.07.03	21:00	78° 58.26' N	6° 42.31' E	0.0	NW 5	332.5	0.2	Remote opera	ROV	coming back to the surface	beginn heaving
PS64/400-1	20.07.03	21:58	78° 58.20' N	6° 39.65' E	0.0	NW 5	237.2	0.5	Remote opera	ROV	coming back to the surface	Depressor surfaced
PS64/400-1	20.07.03	22:01	78° 58.19' N	6° 39.51' E	0.0	NW 5	242.7	0.5	Remote opera	ROV	coming back to the surface	VICTOR surfaced
PS64/400-1	20.07.03	22:03	78° 58.18' N	6° 39.42' E	0.0	NW 5	244.2	0.6	Remote opera	ROV	Depressor on deck	
PS64/400-1	20.07.03	22:27	78° 58.07' N	6° 38.48' E	1467.0	NW 5	252.9	0.7	Remote opera	ROV	on deck	VICTOR 6000
PS64/401-1	20.07.03	23:54	79° 8.03' N	6° 5.58' E	1278.0	WNW 4	3.0	0.8	Bottom water	ε BWS	surface	
PS64/401-1	21.07.03	00:29	79° 8.01' N	6° 5.57' E	1277.0	WNW 4	309.8	0.0	Bottom water	ε BWS	at sea bottom	1253 m
PS64/401-1	21.07.03	00:36	79° 8.00' N	6° 5.56' E	1277.0	WNW 4	309.9	0.0	Bottom water	ε BWS	off bottom	
PS64/401-1	21.07.03	01:10	79° 8.00' N	6° 5.42' E	1277.0	W 4	315.1	0.0	Bottom water	ε BWS	on deck	
PS64/402-1	21.07.03	01:21	79° 8.01' N	6° 5.40' E	1278.0	WSW 4	317.1	0.0	Multi corer	MUC	surface	
PS64/402-1	21.07.03	01:50	79° 8.00' N	6° 5.54' E	1277.0	WSW 4	317.0	0.0	Multi corer	MUC	at sea bottom	1229 m
PS64/402-1	21.07.03	02:20	79° 8.03' N	6° 5.51' E	1278.0	WSW 3	262.6	0.1	Multi corer	MUC	on deck	
PS64/403-1	21.07.03	02:32	79° 8.00' N	6° 5.42' E	1278.0	WSW 3	177.3	0.3	Multi corer	MUC	surface	
PS64/403-1	21.07.03	02:59	79° 7.98' N	6° 5.64' E	1277.0	SW 3	161.0	0.2	Multi corer	MUC	at sea bottom	1257 m
PS64/403-1	21.07.03	03:23	79° 8.02' N	6° 5.73' E	1278.0	SSW 3	204.9	0.0	Multi corer	MUC	on deck	
PS64/404-1	21.07.03	03:49	79° 7.98' N	6° 5.50' E	1278.0	SSW 4	205.1	0.0	Box corer	BC	surface	
PS64/404-1	21.07.03	04:14	79° 8.01' N	6° 5.45' E	1278.0	SSW 4	302.2	0.1	Box corer	BC	at sea bottom	GE52.2 1255 m ausgesteckt
PS64/404-1	21.07.03	04:39	79° 8.00' N	6° 5.63' E	1278.0	SSW 5	204.5	0.0	Box corer	BC	on deck	not released!!
PS64/405-1	21.07.03	04:46	79° 8.00' N	6° 5.68' E	1278.0	SSW 5	41.7	0.2	Large Box Cor	GKG	surface	
PS64/405-1	21.07.03	05:12	79° 7.99' N	6° 5.65' E	1278.0	S 5	212.9	0.0	Large Box Cor	GKG	at sea bottom	GE52.2 1258 m ausgesteckt

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/405-1	21.07.03	05:36	79° 8.00' N	6° 5.71' E	1278.0	S 6	91.1	0.1	Large Box Cor	GKG	on deck	not released!!	
PS64/406-1	21.07.03	07:36	79° 7.83' N	4° 53.74' E	1553.0	S 9	158.1	0.0	Bottom water	ε BWS	surface	SE32.1 - 1520	
PS64/406-1	21.07.03	08:17	79° 7.80' N	4° 53.96' E	1550.0	S 10	166.8	0.0	Bottom water	ε BWS	at sea bottom	m	
PS64/406-1	21.07.03	08:26	79° 7.81' N	4° 53.96' E	1552.0	S 10	163.7	0.1	Bottom water	ε BWS	off bottom		
PS64/406-1	21.07.03	08:56	79° 7.80' N	4° 54.04' E	1551.0	S 10	350.1	0.2	Bottom water	ε BWS	on deck		
PS64/407-1	21.07.03	09:01	79° 7.81' N	4° 54.01' E	1551.6	SSW 10	173.7	0.0	Multi corer	MUC	surface	GE52.2 - 1515	
PS64/407-1	21.07.03	09:33	79° 7.80' N	4° 54.04' E	1551.6	SSW 10	177.1	0.0	Multi corer	MUC	at sea bottom	m	
PS64/407-1	21.07.03	10:04	79° 7.80' N	4° 54.00' E	1552.4	S 9	355.9	0.2	Multi corer	MUC	on deck		
PS64/408-1	21.07.03	10:14	79° 7.79' N	4° 54.06' E	1551.6	SSW 10	122.8	0.2	Multi corer	MUC	surface	GE52.2 - 1518	
PS64/408-1	21.07.03	10:43	79° 7.81' N	4° 53.93' E	1552.0	SSW 10	128.6	0.1	Multi corer	MUC	at sea bottom	m	
PS64/408-1	21.07.03	11:15	79° 7.83' N	4° 54.06' E	1548.0	SSW 9	106.2	0.1	Multi corer	MUC	on deck		
PS64/409-1	21.07.03	11:29	79° 7.80' N	4° 54.02' E	1551.6	SSW 10	340.3	0.2	Large Box Cor	GKG	surface		
PS64/409-1	21.07.03	12:00	79° 7.81' N	4° 54.04' E	1549.6	SSW 9	13.6	0.1	Large Box Cor	GKG	at sea bottom	1519 m nicht geschlossen	
PS64/409-1	21.07.03	12:33	79° 7.83' N	4° 53.99' E	1548.8	SSW 9	6.1	0.2	Large Box Cor	GKG	on deck		
PS64/410-1	21.07.03	12:47	79° 7.84' N	4° 53.91' E	1549.2	SSW 9	164.4	0.4	Large Box Cor	GKG	surface		
PS64/410-1	21.07.03	13:17	79° 7.83' N	4° 54.19' E	1546.4	SSW 10	142.5	0.4	Large Box Cor	GKG	at sea bottom	1521 m	
PS64/410-1	21.07.03	13:46	79° 7.84' N	4° 54.32' E	1544.0	SSW 10	328.9	0.1	Large Box Cor	GKG	on deck		
PS64/411-1	21.07.03	15:02	79° 3.86' N	4° 11.43' E	2460.4	SW 10	155.8	0.3	CTD/rosette w	CTD/RO	surface		
PS64/411-1	21.07.03	15:42	79° 3.80' N	4° 11.54' E	2462.4	SW 9	225.0	0.0	CTD/rosette w	CTD/RO	at depth	2400 m	
PS64/411-1	21.07.03	16:13	79° 3.81' N	4° 11.53' E	2462.8	SW 10	225.4	0.0	CTD/rosette w	CTD/RO	on deck		
PS64/412-1	21.07.03	16:33	79° 3.67' N	4° 11.39' E	2476.8	SW 11	148.4	0.4	Remote opera	ROV	Shuttle	geslipt ROV "VICTOR 6000"	
PS64/412-1	21.07.03	17:08	79° 3.68' N	4° 11.47' E	0.0	SSW 10	25.9	0.2	Remote opera	ROV	surface		
PS64/412-1	21.07.03	17:20	79° 3.70' N	4° 11.46' E	0.0	SSW 10	307.3	0.2	Remote opera	ROV	Depressor into water		
PS64/412-1	21.07.03	18:50	79° 3.69' N	4° 11.67' E	0.0	SSW 11	215.1	0.0	Remote opera	ROV	at depth		
PS64/412-1	21.07.03	22:17	79° 3.70' N	4° 11.32' E	0.0	SW 9	147.9	0.2	Remote opera	ROV	Information	heading N	
PS64/412-1	21.07.03	22:32	79° 3.86' N	4° 11.16' E	0.0	WSW 9	10.9	0.7	Remote opera	ROV	Information	stopping move to metal frame 321° 0,7	
PS64/412-1	22.07.03	13:00	79° 3.76' N	4° 11.25' E	0.0	SW 10	199.8	0.1	Remote opera	ROV	Information	sm	
PS64/412-1	22.07.03	13:53	79° 4.31' N	4° 8.34' E	0.0	SW 10	166.4	0.1	Remote opera	ROV	Information	stopp	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/412-1	22.07.03	15:30	79° 4.33' N	4° 8.44' E	0.0	SW 12	196.7	0.0	Remote opera	ROV	Information	moving to SE stopp Survey for passing an ice tongue
PS64/412-1	22.07.03	21:24	79° 2.60' N	4° 5.45' E	0.0	SSW 8	268.3	0.9	Remote opera	ROV	Information	stopping near algea-frame deployed during ARK XIX-1
PS64/412-1	23.07.03	07:09	79° 2.23' N	4° 3.53' E	0.0	S 9	98.9	0.3	Remote opera	ROV	Information	coming back to the surface
PS64/412-1	23.07.03	08:38	79° 2.13' N	4° 3.63' E	0.0	S 9	175.0	0.3	Remote opera	ROV	Information	coming back to the surface Depressor surfaced
PS64/412-1	23.07.03	08:43	79° 2.12' N	4° 3.65' E	0.0	S 9	153.2	0.2	Remote opera	ROV	Information	coming back to the surface VICTOR surfaced
PS64/412-1	23.07.03	08:46	79° 2.11' N	4° 3.66' E	0.0	S 9	154.7	0.2	Remote opera	ROV	Information	Depressor on deck
PS64/412-1	23.07.03	09:15	79° 2.09' N	4° 4.48' E	0.0	S 10	95.4	0.5	Remote opera	ROV	Information	on deck VICTOR 6000
PS64/412-1	23.07.03	09:48	79° 4.29' N	4° 11.49' E	0.0	S 8	169.7	0.8	Remote opera	ROV	Information	Shuttle released
PS64/412-1	23.07.03	09:54	79° 4.22' N	4° 11.46' E	0.0	S 8	293.9	0.1	Remote opera	ROV	Information	no answer from shuttle - moving closer to shuttle position
PS64/412-1	23.07.03	10:05	79° 4.06' N	4° 11.31' E	0.0	S 9	184.0	0.7	Remote opera	ROV	Information	shuttle has answered at a depth of appr. 1400m
PS64/412-1	23.07.03	10:27	79° 4.08' N	4° 11.44' E	0.0	S 9	188.8	3.0	Remote opera	ROV	Information	Shuttle surfaced
PS64/412-1	23.07.03	10:41	79° 3.78' N	4° 11.31' E	2464.0	S 8	53.5	0.6	Remote opera	ROV	Information	Shuttle on deck
PS64/413-1	23.07.03	12:03	79° 3.97' N	3° 43.68' E	0.0	S 8	261.5	0.4	Bottom water	ε BWS	Information	surface
PS64/413-1	23.07.03	12:35	79° 3.94' N	3° 42.97' E	2879.2	S 8	253.1	0.2	Bottom water	ε BWS	Information	Handnetz zu Wasser
PS64/413-1	23.07.03	12:48	79° 3.90' N	3° 42.62' E	2907.6	S 8	238.8	0.3	Bottom water	ε BWS	Information	Handnetz an Deck
PS64/413-1	23.07.03	13:08	79° 3.85' N	3° 42.15' E	2946.4	S 8	235.1	0.3	Bottom water	ε BWS	Information	at sea bottom 2910 m
PS64/413-1	23.07.03	13:15	79° 3.84' N	3° 42.00' E	2962.8	S 8	233.2	0.3	Bottom water	ε BWS	Information	off bottom max 2912 m
PS64/413-1	23.07.03	14:08	79° 3.78' N	3° 40.82' E	3035.2	S 8	256.6	0.3	Bottom water	ε BWS	Information	on deck
PS64/414-1	23.07.03	14:15	79° 3.77' N	3° 40.64' E	3049.2	S 8	293.9	0.4	Multi corer	MUC	Information	surface

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/414-1	23.07.03	15:17	79° 3.78' N	3° 39.43' E	3129.2	S 8	295.7	0.2	Multi corer	MUC	at sea bottom	3098 m	
PS64/414-1	23.07.03	16:16	79° 3.91' N	3° 38.80' E	3159.2	SSW 7	311.3	0.3	Multi corer	MUC	on deck		
PS64/415-1	23.07.03	16:48	79° 3.35' N	3° 41.06' E	3082.8	SSW 6	183.1	0.4	Multi corer	MUC	surface		
PS64/415-1	23.07.03	17:43	79° 3.29' N	3° 41.26' E	3073.6	SW 6	332.9	0.2	Multi corer	MUC	at sea bottom	GE52.2 3038 m ausgesteckt	
PS64/415-1	23.07.03	18:44	79° 3.23' N	3° 41.49' E	3062.0	SW 5	174.1	0.4	Multi corer	MUC	on deck		
PS64/416-1	23.07.03	19:00	79° 3.21' N	3° 41.52' E	3043.6	SW 5	173.5	0.1	Large Box Cor	GKG	surface		
PS64/416-1	23.07.03	19:53	79° 3.22' N	3° 41.54' E	3032.0	SW 4	180.0	0.0	Large Box Cor	GKG	at sea bottom	GE52.2 3023 m ausgesteckt	
PS64/416-1	23.07.03	20:50	79° 3.19' N	3° 41.26' E	3017.2	WSW 3	162.6	0.4	Large Box Cor	GKG	on deck		
PS64/417-1	23.07.03	21:28	79° 3.20' N	3° 41.69' E	2994.8	SW 3	67.0	0.0	Large Box Cor	GKG	surface		
PS64/417-1	23.07.03	22:22	79° 3.24' N	3° 41.68' E	3006.8	SW 3	14.6	0.1	Large Box Cor	GKG	at sea bottom	GE52.2 - 3011 m	
PS64/417-1	23.07.03	23:17	79° 3.22' N	3° 41.49' E	3008.0	SSW 2	176.3	0.8	Large Box Cor	GKG	on deck		
PS64/418-1	23.07.03	23:57	79° 5.06' N	3° 32.27' E	3583.6	SW 3	247.7	0.3	Bottom water	ε BWS	surface		
PS64/418-1	24.07.03	01:15	79° 5.11' N	3° 31.66' E	3576.0	SW 3	106.0	0.0	Bottom water	ε BWS	at sea bottom	3653 m gefiert, Abbruch wegen nicht eindeutiger Lastanzeige	
PS64/418-1	24.07.03	02:30	79° 5.20' N	3° 28.15' E	3773.2	S 3	323.9	0.3	Bottom water	ε BWS	on deck		
PS64/419-1	24.07.03	03:18	79° 3.60' N	3° 35.29' E	3435.6	SSW 3	277.5	0.5	Multi corer	MUC	surface		
PS64/419-1	24.07.03	04:27	79° 3.53' N	3° 34.54' E	3491.2	SSW 3	210.1	0.2	Multi corer	MUC	at sea bottom	GE52.2 3537 m ausgesteckt	
PS64/419-1	24.07.03	05:34	79° 3.49' N	3° 34.52' E	3568.0	WSW 4	65.3	0.0	Multi corer	MUC	on deck		
PS64/420-1	24.07.03	05:48	79° 3.48' N	3° 34.48' E	3548.8	WSW 4	289.6	0.1	Large Box Cor	GKG	surface		
PS64/420-1	24.07.03	06:54	79° 3.49' N	3° 34.71' E	3508.0	WSW 2	73.6	0.1	Large Box Cor	GKG	at sea bottom	GE52.2 3544 m ausgesteckt	
PS64/420-1	24.07.03	08:04	79° 3.47' N	3° 35.74' E	3406.4	W 0	79.5	0.2	Large Box Cor	GKG	on deck		
PS64/421-1	24.07.03	09:25	79° 4.12' N	4° 7.06' E	2514.4	SE 1	48.9	0.0	Bottom lander	LANDER	Information	PHOTO- LANDER; mit Posidonia "angepingt"	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/421-1	24.07.03	09:43	79° 4.11' N	4° 6.93' E	2516.4	SE 1	48.8	0.0	Bottom lander	LANDER	Information	Hydrophon zu Wasser	
PS64/421-1	24.07.03	10:00	79° 4.12' N	4° 6.99' E	2514.8	SE 1	49.0	0.0	Bottom lander	LANDER	released		
PS64/421-1	24.07.03	10:04	79° 4.13' N	4° 7.00' E	2514.8	SSE 1	49.2	0.0	Bottom lander	LANDER	Information	Hydrophon an Deck	
PS64/421-1	24.07.03	10:36	79° 4.11' N	4° 7.40' E	2510.8	SSE 2	126.6	0.1	Bottom lander	LANDER	Information	aufgetaucht	
PS64/421-1	24.07.03	10:52	79° 4.07' N	4° 8.77' E	2487.6	SSE 2	248.0	0.5	Bottom lander	LANDER	on Deck		
PS64/422-1	24.07.03	11:04	79° 4.14' N	4° 13.08' E	2432.0	S 2	82.1	10.6	Colonization T	CTR	hydrophon into water	SedTray 1 - deployed during ARK XIX-1	
PS64/422-2	24.07.03	11:15	79° 4.29' N	4° 17.89' E	2361.6	S 2	189.9	0.4	Hand net	HN	surface		
PS64/422-1	24.07.03	11:21	79° 4.24' N	4° 17.93' E	2365.2	S 2	163.2	0.5	Colonization T	CTR	information	Wellen ausgekuppelt	
PS64/422-2	24.07.03	11:21	79° 4.24' N	4° 17.93' E	2365.2	S 2	163.2	0.5	Hand net	HN	on deck		
PS64/422-1	24.07.03	11:25	79° 4.22' N	4° 17.98' E	2367.6	S 2	155.8	0.3	Colonization T	CTR	released	keine Antwort vom Tray	
PS64/422-1	24.07.03	11:30	79° 4.20' N	4° 17.98' E	2370.0	S 2	144.7	0.1	Colonization T	CTR	information	1. Hydrophon an Deck, 2. Hydrophon zu Wasser	
PS64/422-1	24.07.03	11:39	79° 4.18' N	4° 17.93' E	2372.8	SSW 2	266.0	0.1	Colonization T	CTR	hydrophon on deck		
PS64/422-1	24.07.03	11:45	79° 4.17' N	4° 17.90' E	2374.4	SSW 2	150.9	0.1	Colonization T	CTR	information	Wellen eingekuppelt	
PS64/422-1	24.07.03	12:18	79° 3.89' N	4° 17.77' E	2402.4	WSW 3	196.0	1.2	Colonization T	CTR	on surface	gesichtet	
PS64/422-1	24.07.03	12:42	79° 3.33' N	4° 16.55' E	2465.2	W 3	96.7	0.5	Colonization T	CTR	on deck		
PS64/423-1	24.07.03	12:52	79° 3.34' N	4° 16.77' E	2458.0	W 2	261.7	0.7	Bottom lander	LANDER	surface	Lander with baited traps	
PS64/423-1	24.07.03	12:54	79° 3.33' N	4° 16.62' E	2461.6	W 2	264.1	0.9	Bottom lander	LANDER	Information	geslipt	
PS64/424-1	24.07.03	13:22	79° 3.98' N	4° 7.54' E	2513.2	WSW 1	208.7	0.2	Remote opera	ROV	Shuttle	geslipt	
PS64/424-1	24.07.03	15:11	79° 3.84' N	4° 10.91' E	2466.0	WSW 1	325.4	0.6	Remote opera	ROV	surface		
PS64/424-1	24.07.03	15:21	79° 3.85' N	4° 10.79' E	2466.4	WSW 1	257.3	0.1	Remote opera	ROV	Depressor into water		
PS64/424-1	24.07.03	16:56	79° 3.80' N	4° 11.29' E	2465.2	WSW 1	137.1	0.1	Remote opera	ROV	at depth		
PS64/424-2	25.07.03	09:25	79° 3.91' N	4° 7.46' E	2518.0	SW 2	322.1	0.2	Hand net	HN	surface		
PS64/424-2	25.07.03	09:32	79° 3.91' N	4° 7.51' E	2517.2	SSW 2	250.5	0.0	Hand net	HN	on deck		
PS64/424-1	25.07.03	10:42	79° 3.95' N	4° 7.34' E	2517.6	WSW 2	355.0	0.2	Remote opera	ROV	Information	heading N	
PS64/424-1	25.07.03	11:15	79° 4.40' N	4° 8.02' E	2492.8	SSW 2	319.3	0.7	Remote opera	ROV	Information	stopping	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/424-1	25.07.03	13:04	79° 4.41' N	4° 7.79' E	2494.8	SSW 4	89.0	0.1	Remote opera	ROV	Information	moving to shuttle 900 m to south
PS64/424-1	25.07.03	13:40	79° 3.97' N	4° 7.82' E	2504.8	SSW 3	174.5	0.0	Remote opera	ROV	Information	Stopp Shuttle Position
PS64/424-1	25.07.03	14:24	79° 3.93' N	4° 7.68' E	2513.2	SSW 4	209.3	0.1	Remote opera	ROV	Information	coming back to the surface
PS64/424-1	25.07.03	15:46	79° 3.91' N	4° 7.18' E	2520.8	S 4	251.6	0.5	Remote opera	ROV	Information	coming back to the surface on Surface
PS64/424-1	25.07.03	15:50	79° 3.91' N	4° 7.05' E	2522.8	S 4	268.6	0.2	Remote opera	ROV	Information	Depressor on deck
PS64/424-1	25.07.03	16:15	79° 3.93' N	4° 6.43' E	2530.0	S 3	254.2	0.3	Remote opera	ROV	Information	on deck
PS64/424-1	25.07.03	16:42	79° 4.02' N	4° 6.69' E	2522.4	SSW 5	58.8	0.4	Remote opera	ROV	Shuttle	released
PS64/424-1	25.07.03	17:16	79° 4.13' N	4° 7.32' E	2511.2	SSW 4	352.4	0.4	Remote opera	ROV	Shuttle	surfaced
PS64/424-1	25.07.03	17:31	79° 3.98' N	4° 8.40' E	2497.6	S 5	36.4	0.2	Remote opera	ROV	Shuttle	on deck
PS64/425-1	25.07.03	17:50	79° 3.36' N	4° 16.02' E	2468.8	SSW 5	33.3	0.5	Bottom lander	LANDER	Information	Hydrophon for release to water
PS64/425-1	25.07.03	17:54	79° 3.41' N	4° 16.10' E	2464.8	SSW 5	4.8	0.9	Bottom lander	LANDER	Information	released
PS64/425-1	25.07.03	18:06	79° 3.58' N	4° 15.86' E	2448.4	SSW 5	349.6	0.7	Bottom lander	LANDER	Information	Hydrophon on deck, ascend seen in dws-lot
PS64/425-1	25.07.03	18:36	79° 3.62' N	4° 16.73' E	2432.8	SSW 6	180.0	0.0	Bottom lander	LANDER	Information	Lander surfaced
PS64/425-1	25.07.03	18:51	79° 3.35' N	4° 17.21' E	2448.0	SSW 5	179.1	0.2	Bottom lander	LANDER	Information	on Deck
PS64/426-1	25.07.03	19:18	79° 4.32' N	4° 7.25' E	2504.4	SW 4	99.2	0.2	Bottom water	ε BWS	Information	surface
PS64/426-1	25.07.03	20:08	79° 4.30' N	4° 7.34' E	2504.0	SSW 3	273.6	0.1	Bottom water	ε BWS	Information	at sea bottom
PS64/426-1	25.07.03	20:15	79° 4.30' N	4° 7.37' E	2503.6	SSW 3	270.5	0.1	Bottom water	ε BWS	Information	m
PS64/426-1	25.07.03	21:00	79° 4.32' N	4° 7.42' E	2502.8	SSW 4	68.0	0.2	Bottom water	ε BWS	Information	off bottom
PS64/427-1	25.07.03	21:10	79° 4.32' N	4° 7.46' E	2502.0	SSW 4	265.3	0.2	Large Box Cor	GKG	Information	on deck
PS64/427-1	25.07.03	21:47	79° 4.30' N	4° 7.48' E	2502.8	SSW 5	210.1	0.0	Large Box Cor	GKG	Information	surface
PS64/427-1	25.07.03	22:36	79° 4.33' N	4° 7.57' E	2500.8	SSW 6	148.9	0.3	Large Box Cor	GKG	Information	at sea bottom
PS64/428-1	25.07.03	23:01	79° 4.32' N	4° 7.54' E	2501.2	SSW 6	2.5	0.4	Large Box Cor	GKG	Information	m
PS64/428-1	25.07.03	23:37	79° 4.32' N	4° 7.59' E	2500.8	S 8	161.8	0.2	Large Box Cor	GKG	Information	GE52.2 - 2458
PS64/428-1	26.07.03	00:18	79° 4.30' N	4° 7.43' E	2503.2	SSW 6	173.7	0.2	Large Box Cor	GKG	Information	2459m
											Information	on deck



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/429-1	26.07.03	00:38	79° 4.32' N	4° 7.41' E	2503.2	SSW 6	173.9	0.0	Multi corer	MUC	surface		
PS64/429-1	26.07.03	01:24	79° 4.31' N	4° 7.57' E	2501.2	SSW 7	173.9	0.0	Multi corer	MUC	at sea bottom	2458 m	
PS64/429-1	26.07.03	02:11	79° 4.33' N	4° 7.57' E	2500.4	SSW 7	181.1	0.0	Multi corer	MUC	on deck		
PS64/430-1	26.07.03	02:32	79° 4.31' N	4° 7.59' E	2500.8	SSW 6	189.4	0.0	Multi corer	MUC	surface		
PS64/430-1	26.07.03	03:17	79° 4.28' N	4° 7.59' E	2501.6	SSW 6	210.9	0.0	Multi corer	MUC	at sea bottom	2453 m	
PS64/430-1	26.07.03	04:05	79° 4.30' N	4° 7.57' E	2500.8	SW 6	210.9	0.0	Multi corer	MUC	on deck		
PS64/431-1	26.07.03	05:12	79° 3.06' N	4° 15.21' E	2498.0	SSW 5	41.3	1.1	Bottom lander	LANDER	released		no answer from releaser
PS64/431-1	26.07.03	06:45	79° 2.81' N	4° 14.11' E	2531.6	SSW 4	163.2	0.4	Bottom lander	LANDER	Information		Lander still on bottom, release again
PS64/431-1	26.07.03	06:50	79° 2.82' N	4° 14.23' E	2530.8	SSW 4	26.0	0.7	Bottom lander	LANDER	Information		Termination of recovering
PS64/432-1	26.07.03	07:07	79° 4.11' N	4° 19.09' E	2370.0	SSW 6	25.0	9.2	Colonization T	CTR	released		SedTray2
PS64/432-1	26.07.03	08:08	79° 4.43' N	4° 17.16' E	2358.4	SSW 6	22.4	0.1	Colonization T	CTR	on deck		
PS64/433-1	26.07.03	08:48	79° 6.48' N	4° 36.27' E	0.0	SW 6	181.0	0.9	Bottom water s	BWS	surface		
PS64/433-2	26.07.03	09:34	79° 6.51' N	4° 36.39' E	1910.4	SSW 4	316.0	0.1	Hand net	HN	surface		
PS64/433-1	26.07.03	09:45	79° 6.50' N	4° 36.46' E	1913.2	SSW 6	162.4	0.0	Bottom water s	BWS	at sea bottom		SE32.1 - 1880 m
PS64/433-2	26.07.03	09:45	79° 6.50' N	4° 36.46' E	1913.2	SSW 6	162.4	0.0	Hand net	HN	on deck		
PS64/433-1	26.07.03	09:51	79° 6.51' N	4° 36.47' E	1918.4	SSW 6	165.3	0.0	Bottom water s	BWS	off bottom		
PS64/433-1	26.07.03	10:35	79° 6.53' N	4° 36.52' E	1911.6	SSW 7	20.3	0.3	Bottom water s	BWS	on deck		
PS64/434-1	26.07.03	10:46	79° 6.51' N	4° 36.49' E	1919.6	SSW 6	180.5	0.0	Multi corer	MUC	surface		
PS64/434-1	26.07.03	11:22	79° 6.50' N	4° 36.38' E	1912.0	SSW 7	153.6	0.2	Multi corer	MUC	at sea bottom		GE52.2 - 1874 m
PS64/434-1	26.07.03	11:59	79° 6.52' N	4° 36.46' E	1910.4	S 7	172.0	0.0	Multi corer	MUC	on deck		
PS64/435-1	26.07.03	13:00	79° 4.32' N	4° 7.62' E	2500.8	SSW 8	12.2	0.4	Remote opera	ROV	Shuttle		
PS64/435-1	26.07.03	14:31	79° 4.29' N	4° 8.24' E	2492.4	SSW 8	219.6	0.3	Remote opera	ROV	surface		
PS64/435-1	26.07.03	14:40	79° 4.27' N	4° 8.15' E	2494.4	SSW 10	20.7	0.1	Remote opera	ROV	Depressor into water		
PS64/435-1	26.07.03	16:15	79° 4.32' N	4° 8.19' E	2492.4	SSW 9	55.5	0.1	Remote opera	ROV	at depth		
PS64/435-1	27.07.03	03:45	79° 4.29' N	4° 8.89' E	2481.2	SSW 11	95.3	0.6	Remote opera	ROV	Information		moving to Lander Position cause of drift Ice in Tray Position

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/435-1	27.07.03	06:08	79° 2.75' N	4° 13.77' E	2539.6	SSW 10	167.0	0.5	Remote opera	ROV	Information	reaching Lander position	
PS64/435-1	27.07.03	06:46	79° 2.72' N	4° 13.87' E	2540.0	SSW 9	199.1	0.3	Remote opera	ROV	Information	Send release command again, second releaser released	
PS64/436-1	27.07.03	07:17	79° 2.70' N	4° 13.78' E	2542.8	S 9	117.1	0.6	Bottom lander	LANDER	released	lifted from bottom by VICTOR 6000; Lander was deployed on 210403	
PS64/435-1	27.07.03	07:17	79° 2.70' N	4° 13.78' E	2542.8	S 9	117.1	0.6	Remote opera	ROV	Information	Lander start ascent after pushing by VICTOR	
PS64/436-1	27.07.03	08:07	79° 2.71' N	4° 14.28' E	2536.4	S 10	200.2	0.0	Bottom lander	LANDER	Information	surfaced	
PS64/436-1	27.07.03	08:20	79° 2.73' N	4° 13.67' E	2542.4	S 9	310.9	0.3	Bottom lander	LANDER	on Deck		
PS64/435-1	27.07.03	08:20	79° 2.73' N	4° 13.67' E	2542.4	S 9	310.9	0.3	Remote opera	ROV	Information	coming back to the surface	
PS64/435-1	27.07.03	08:53	79° 2.65' N	4° 13.18' E	2552.8	S 8	192.2	0.2	Remote opera	ROV	Information	start heaving Depressor surfaced	
PS64/435-1	27.07.03	09:00	79° 2.62' N	4° 13.18' E	2555.2	S 8	241.1	0.2	Remote opera	ROV	Information	coming back to the surface	
PS64/435-1	27.07.03	09:05	79° 2.61' N	4° 13.14' E	2556.4	S 10	192.1	0.0	Remote opera	ROV	Information	Depressor on deck	
PS64/435-1	27.07.03	09:29	79° 2.61' N	4° 12.90' E	2558.8	S 8	339.3	0.2	Remote opera	ROV	Information	on deck	
PS64/437-1	27.07.03	10:20	79° 6.52' N	4° 36.68' E	1917.2	S 10	6.2	0.3	Large Box Cor	GKG	Information	surface	
PS64/437-2	27.07.03	10:46	79° 6.49' N	4° 36.46' E	1916.0	S 10	243.5	0.1	Hand net	HN	Information	surface	
PS64/437-1	27.07.03	10:48	79° 6.49' N	4° 36.44' E	1914.8	S 10	243.4	0.1	Large Box Cor	GKG	Information	at sea bottom	
PS64/437-2	27.07.03	10:55	79° 6.48' N	4° 36.46' E	1918.8	S 10	191.3	0.0	Hand net	HN	Information	1880m	
PS64/437-1	27.07.03	11:16	79° 6.48' N	4° 36.52' E	1920.8	S 8	193.6	0.0	Large Box Cor	GKG	Information	on deck	
PS64/438-1	27.07.03	11:31	79° 6.49' N	4° 36.47' E	1921.2	S 9	194.2	0.0	Large Box Cor	GKG	Information	surface	
PS64/438-1	27.07.03	11:59	79° 6.49' N	4° 36.44' E	1917.2	S 9	199.7	0.0	Large Box Cor	GKG	Information	at sea bottom	
PS64/438-1	27.07.03	12:36	79° 6.47' N	4° 36.65' E	1926.8	S 10	93.4	0.4	Large Box Cor	GKG	Information	on deck	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/439-1	27.07.03	12:55	79° 6.47' N	4° 36.48' E	1919.6	S 9	205.0	0.0	Multi corer	MUC	surface		
PS64/439-1	27.07.03	13:29	79° 6.49' N	4° 36.38' E	1912.8	S 10	194.8	0.0	Multi corer	MUC	at sea bottom	1878 m	
PS64/439-1	27.07.03	14:07	79° 6.39' N	4° 36.56' E	1938.8	S 9	159.6	0.2	Multi corer	MUC	on deck		
PS64/440-1	27.07.03	15:17	79° 4.85' N	4° 5.92' E	2499.2	S 8	206.7	0.0	Large Box Cor	GKG	surface		
PS64/440-1	27.07.03	15:48	79° 4.79' N	4° 6.05' E	2500.0	S 7	225.2	0.0	Large Box Cor	GKG	at sea bottom	24630m	
PS64/440-1	27.07.03	16:36	79° 4.56' N	4° 6.15' E	2506.8	S 6	129.9	0.2	Large Box Cor	GKG	on deck		
PS64/441-1	27.07.03	17:02	79° 5.11' N	4° 6.15' E	2485.6	S 7	186.6	0.7	Large Box Cor	GKG	surface		
													GE52.2 2451 m ausgesteckt
PS64/441-1	27.07.03	17:35	79° 4.89' N	4° 5.77' E	2499.6	SSE 6	180.2	0.3	Large Box Cor	GKG	at sea bottom		
PS64/441-1	27.07.03	18:20	79° 4.51' N	4° 4.64' E	2529.2	S 6	185.0	0.2	Large Box Cor	GKG	on deck		
PS64/442-1	27.07.03	18:40	79° 5.28' N	4° 6.12' E	2478.8	S 6	235.8	0.3	Large Box Cor	GKG	surface		
													GE52.2 2437 m ausgesteckt
PS64/442-1	27.07.03	19:12	79° 5.22' N	4° 6.13' E	2482.0	S 6	180.1	0.2	Large Box Cor	GKG	at sea bottom		
PS64/442-1	27.07.03	19:59	79° 4.92' N	4° 6.32' E	2492.8	S 6	204.7	0.9	Large Box Cor	GKG	on deck		
PS64/443-1	27.07.03	23:31	79° 1.01' N	4° 19.93' E	2588.0	S 6	48.9	0.4	CTD/rosette w	CTD/RO	surface		
PS64/443-2	27.07.03	23:47	79° 1.03' N	4° 19.80' E	2586.8	SSE 7	311.8	0.2	Hand net	HN	surface		
PS64/443-2	27.07.03	23:54	79° 1.02' N	4° 19.80' E	2586.8	SSE 6	202.2	0.1	Hand net	HN	on deck		
PS64/443-1	28.07.03	00:21	79° 1.05' N	4° 19.69' E	2586.4	SSE 6	350.1	0.1	CTD/rosette w	CTD/RO	at depth	2546 m	
PS64/443-1	28.07.03	01:11	79° 0.99' N	4° 19.79' E	2588.4	SSE 6	159.3	0.0	CTD/rosette w	CTD/RO	on deck		
PS64/444-1	28.07.03	02:31	78° 54.95' N	4° 59.85' E	2637.6	SE 6	11.0	0.4	Bottom water ε	BWS	surface		
PS64/444-1	28.07.03	03:22	78° 55.03' N	5° 0.03' E	2635.6	SE 6	144.4	0.1	Bottom water ε	BWS	at sea bottom	2590 m	
PS64/444-1	28.07.03	03:29	78° 55.03' N	5° 0.01' E	2636.0	SE 6	301.0	0.1	Bottom water ε	BWS	off bottom		
PS64/444-1	28.07.03	04:17	78° 55.02' N	5° 0.17' E	2635.2	SE 6	145.0	0.0	Bottom water ε	BWS	on deck		
PS64/445-1	28.07.03	04:25	78° 55.03' N	5° 0.18' E	2635.2	SE 5	322.5	0.2	Multi corer	MUC	surface		
													GE52.2 2592 m ausgesteckt
PS64/445-1	28.07.03	05:12	78° 55.00' N	5° 0.08' E	2636.0	SSE 7	142.2	0.2	Multi corer	MUC	at sea bottom		
PS64/445-1	28.07.03	06:00	78° 55.06' N	4° 59.94' E	2635.6	SSE 6	150.7	0.3	Multi corer	MUC	on deck		
PS64/446-1	28.07.03	06:14	78° 55.00' N	5° 0.10' E	2635.6	SSE 6	325.8	0.3	Large Box Cor	GKG	surface		
													GE52.2 2587 m ausgesteckt
PS64/446-1	28.07.03	06:47	78° 55.01' N	5° 0.10' E	2635.6	SSE 5	324.4	0.2	Large Box Cor	GKG	at sea bottom		
PS64/446-1	28.07.03	07:33	78° 54.98' N	5° 0.41' E	2635.2	SSE 5	148.3	0.5	Large Box Cor	GKG	on deck		
PS64/447-1	28.07.03	08:37	79° 0.24' N	4° 25.69' E	2571.2	SSE 5	61.0	0.5	Mooring	MOR	Hydrophone into the water		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear	Gear Abbreviation	Action	Comment
						[m/s]	Course [°]	[kn]					
PS64/447-1	28.07.03	08:39	79° 0.24' N	4° 25.77' E	2570.8	SSE 5	85.2	0.4	Mooring	MOR	released		
PS64/447-1	28.07.03	08:41	79° 0.24' N	4° 25.84' E	2570.0	SSE 5	119.3	0.5	Mooring	MOR	Hydrophone on Deck		
PS64/447-1	28.07.03	08:53	79° 0.10' N	4° 26.56' E	2568.8	SSE 5	35.8	0.8	Mooring	MOR	Hydrophone into the water		
PS64/447-1	28.07.03	08:56	79° 0.13' N	4° 26.52' E	2568.0	SSE 5	326.6	0.4	Mooring	MOR	released		
PS64/447-1	28.07.03	08:59	79° 0.14' N	4° 26.60' E	2566.4	SSE 5	29.1	0.7	Mooring	MOR	Hydrophone on Deck		
PS64/447-1	28.07.03	09:20	79° 0.24' N	4° 27.08' E	2559.6	SE 5	321.9	0.2	Mooring	MOR	action	Zodiac to water to release on spot	
PS64/447-1	28.07.03	09:36	79° 0.15' N	4° 26.46' E	2568.0	SE 5	226.1	1.0	Mooring	MOR	on the surface		
PS64/447-1	28.07.03	10:11	78° 59.87' N	4° 28.23' E	2562.0	SE 5	348.0	0.4	Mooring	MOR	on deck	topunit 9 benthos	
PS64/447-1	28.07.03	10:21	78° 59.99' N	4° 28.38' E	2557.6	SSE 5	12.7	0.8	Mooring	MOR	on deck	sediment trap	
PS64/447-1	28.07.03	10:44	79° 0.27' N	4° 29.22' E	2541.6	SE 5	339.0	1.0	Mooring	MOR	on deck	5 benthos	
PS64/447-1	28.07.03	11:08	79° 0.45' N	4° 29.87' E	2532.0	SE 5	344.4	0.7	Mooring	MOR	on deck	5 benthos	
PS64/447-1	28.07.03	11:17	79° 0.56' N	4° 29.78' E	2529.6	SE 5	336.5	0.8	Mooring	MOR	on deck	sediment trap 5 benthos,	
PS64/447-1	28.07.03	11:24	79° 0.62' N	4° 29.93' E	2526.0	SE 5	1.9	0.7	Mooring	MOR	on deck	current meter	
PS64/447-1	28.07.03	11:26	79° 0.65' N	4° 29.87' E	2525.6	SE 5	332.8	1.0	Mooring	MOR	mooring on deck	releaser	
PS64/448-1	28.07.03	17:03	78° 36.58' N	5° 3.65' E	2342.8	ESE 5	317.6	0.4	Remote opera	ROV	surface	VICTOR 6000	
PS64/448-1	28.07.03	17:14	78° 36.63' N	5° 3.76' E	2342.4	ESE 5	94.7	0.5	Remote opera	ROV	Depressor into water		
PS64/448-1	28.07.03	18:46	78° 36.41' N	5° 4.67' E	0.0	E 5	128.3	0.3	Remote opera	ROV	at depth		
PS64/448-1	29.07.03	07:07	78° 36.07' N	5° 6.23' E	0.0	ESE 4	115.9	0.0	Remote opera	ROV	coming back to the surface		
PS64/448-1	29.07.03	08:34	78° 35.86' N	5° 8.18' E	0.0	ESE 4	116.8	0.6	Remote opera	ROV	coming back to the surface	Depressor surfaced	
PS64/448-1	29.07.03	08:37	78° 35.85' N	5° 8.30' E	2353.6	ESE 4	95.8	0.6	Remote opera	ROV	coming back to the surface	VICTOR surfaced	
PS64/448-1	29.07.03	08:39	78° 35.84' N	5° 8.41' E	2354.4	ESE 4	113.7	0.9	Remote opera	ROV	Depressor on deck		
PS64/448-1	29.07.03	09:07	78° 35.70' N	5° 9.25' E	2356.8	ESE 4	111.3	0.4	Remote opera	ROV	on deck		
PS64/449-1	29.07.03	09:39	78° 36.43' N	5° 4.29' E	2342.4	ESE 4	168.8	0.3	Bottom water	ε BWS	surface		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/449-1	29.07.03	10:44	78° 36.43' N	5° 4.58' E	2343.6	ESE 3	314.1	0.3	Bottom water	ε BWS	at sea bottom	SE32.1 - 2294 m	
PS64/449-1	29.07.03	10:50	78° 36.44' N	5° 4.52' E	2343.2	ESE 3	42.5	0.3	Bottom water	ε BWS	off bottom		
PS64/449-1	29.07.03	11:50	78° 36.38' N	5° 4.74' E	2344.0	SE 3	192.4	0.3	Bottom water	ε BWS	on deck		
PS64/450-1	29.07.03	12:21	78° 36.29' N	5° 4.29' E	2343.2	S 3	181.4	0.3	Bottom lander	LANDER	surface	Current Flume 1 Palette	
PS64/450-1	29.07.03	14:20	78° 36.28' N	5° 4.57' E	2343.2	SW 2	189.9	0.1	Bottom lander	LANDER	released	mit SE 32. 1 2293 m auf den Boden gefiert , mit Posidonia ausgelöst	
PS64/450-1	29.07.03	14:52	78° 36.28' N	5° 4.81' E	2343.6	WSW 3	284.6	0.3	Bottom lander	LANDER	on Deck	Auslöser an Deck	
PS64/450-1	29.07.03	14:57	78° 36.28' N	5° 4.80' E	2343.6	WSW 3	123.1	0.0	Bottom lander	LANDER	surface	Current Flume Teil 2 mit 6 *6 Benthoskugeln	
PS64/450-1	29.07.03	17:27	78° 36.28' N	5° 4.67' E	2342.8	W 4	105.3	0.1	Bottom lander	LANDER	released	Mit Winde GE52.2 bis zum Boden gefiert und ausgelöst (2242 m)	
PS64/450-1	29.07.03	18:01	78° 36.20' N	5° 4.82' E	2342.8	W 4	83.7	0.4	Bottom lander	LANDER	on Deck	Auslöser an Deck	
PS64/451-1	29.07.03	18:26	78° 36.10' N	5° 6.27' E	2342.8	SW 5	301.3	0.0	Remote opera	ROV	surface	VICTOR 6000	
PS64/451-1	29.07.03	18:37	78° 36.09' N	5° 6.36' E	0.0	WSW 5	110.0	0.1	Remote opera	ROV	Depressor into water		
PS64/451-1	29.07.03	23:15	78° 36.18' N	5° 4.17' E	0.0	SW 8	154.7	0.2	Remote opera	ROV	Information	releasing one buoyancy of current-flume by POSIDONIA	
PS64/451-1	29.07.03	23:18	78° 36.18' N	5° 4.13' E	0.0	SW 8	291.3	0.4	Remote opera	ROV	Information	no answer from buoyancy - trying other release unit	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/451-1	29.07.03	23:21	78° 36.19' N	5° 4.05' E	0.0	SW 8	309.8	0.3	Remote opera	ROV	Information	Hydrophone in the water; release signal sent
PS64/451-1	29.07.03	23:25	78° 36.20' N	5° 4.11' E	0.0	SW 8	59.1	0.3	Remote opera	ROV	Information	Hydrophone on deck
PS64/451-1	29.07.03	23:53	78° 36.12' N	5° 3.84' E	0.0	SW 7	53.0	0.5	Remote opera	ROV	Information	Hydrophone in the water - thrusters stopped
PS64/451-1	29.07.03	23:54	78° 36.13' N	5° 3.88' E	0.0	SW 8	63.2	0.5	Remote opera	ROV	Information	Sent release signal 3x for 1st buoyancy
PS64/451-1	29.07.03	23:56	78° 36.14' N	5° 3.96' E	0.0	SSW 8	73.3	0.5	Remote opera	ROV	Information	sent release signal for 2nd buoyancy 3 times
PS64/451-1	30.07.03	00:23	78° 36.17' N	5° 4.05' E	0.0	SSW 9	42.7	0.1	Remote opera	ROV	Information	Release by Ships Posidonia without success
PS64/451-1	30.07.03	00:28	78° 36.18' N	5° 4.08' E	0.0	SSW 8	46.1	0.2	Remote opera	ROV	Information	first 6 Benthos cut by Victor coming to surface
PS64/451-1	30.07.03	00:38	78° 36.23' N	5° 4.15' E	0.0	SSW 10	293.3	0.0	Remote opera	ROV	Information	Cut Benthos packet Nr. 2 coming to surface
PS64/451-1	30.07.03	00:55	78° 36.14' N	5° 4.01' E	0.0	SW 9	233.1	0.3	Remote opera	ROV	Information	1.Packet on surface
PS64/451-1	30.07.03	00:57	78° 36.14' N	5° 3.99' E	0.0	SSW 10	219.2	0.3	Remote opera	ROV	Information	2. Packet surfaced, Zodiak
PS64/451-1	30.07.03	01:17	78° 36.23' N	5° 4.19' E	0.0	SSW 9	358.0	0.6	Remote opera	ROV	Information	all on Deck
PS64/451-1	30.07.03	11:55	78° 36.25' N	5° 4.28' E	0.0	SSW 12	34.8	0.4	Remote opera	ROV	Information	moving N
PS64/451-2	30.07.03	16:48	78° 36.18' N	5° 4.15' E	0.0	SSW 12	304.8	0.2	Hand net	HN	surface	
PS64/451-2	30.07.03	16:57	78° 36.22' N	5° 4.41' E	2329.0	SSW 12	52.9	0.5	Hand net	HN	on deck	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/451-1	30.07.03	18:24	78° 36.18' N	5° 4.43' E	0.0	SSW 12	333.9	0.2	Remote opera	ROV		coming back to the surface	
PS64/451-1	30.07.03	19:42	78° 35.74' N	5° 3.25' E	2348.4	S 11	199.0	0.2	Remote opera	ROV		Depressor on deck	
PS64/451-1	30.07.03	20:09	78° 35.79' N	5° 2.77' E	2350.8	S 10	339.0	0.3	Remote opera	ROV		on deck	
PS64/452-1	30.07.03	20:30	78° 36.54' N	5° 4.68' E	2343.6	S 10	150.2	0.6	Large Box Cor	GKG		surface	
PS64/452-1	30.07.03	21:00	78° 36.49' N	5° 4.41' E	2342.8	S 9	187.1	0.0	Large Box Cor	GKG		at sea bottom	GE52.2 - 2291 m
PS64/452-1	30.07.03	21:44	78° 36.50' N	5° 4.41' E	2343.2	SSE 7	356.7	0.2	Large Box Cor	GKG		on deck	
PS64/453-1	30.07.03	22:06	78° 36.52' N	5° 4.38' E	2343.2	SSE 7	1.9	0.2	Multi corer	MUC		surface	
PS64/453-1	30.07.03	22:50	78° 36.50' N	5° 4.32' E	2343.2	SSE 12	181.0	0.2	Multi corer	MUC		at sea bottom	GE52.2 - 2292 m
PS64/453-1	30.07.03	23:35	78° 36.46' N	5° 3.92' E	2344.0	SE 9	260.1	0.2	Multi corer	MUC		on deck	
PS64/454-1	31.07.03	01:57	78° 55.13' N	5° 0.09' E	2634.8	SE 11	152.3	0.6	Large Box Cor	GKG		surface	
PS64/454-1	31.07.03	02:29	78° 55.01' N	5° 0.27' E	2636.8	SSE 12	157.1	0.4	Large Box Cor	GKG		at sea bottom	2592 m
PS64/454-1	31.07.03	03:20	78° 54.98' N	5° 0.49' E	2636.8	S 10	149.0	0.0	Large Box Cor	GKG		on deck	
PS64/455-1	31.07.03	03:34	78° 54.96' N	5° 0.43' E	2637.2	S 10	354.0	0.3	Large Box Cor	GKG		surface	
PS64/455-1	31.07.03	04:09	78° 54.97' N	5° 0.24' E	2637.2	S 10	203.3	0.3	Large Box Cor	GKG		at sea bottom	GE52.2 2595 m ausgesteckt
PS64/455-1	31.07.03	04:56	78° 54.98' N	5° 0.21' E	2636.8	SW 9	199.6	0.0	Large Box Cor	GKG		on deck	
PS64/456-1	31.07.03	05:11	78° 54.98' N	5° 0.10' E	2637.2	WSW 9	169.3	0.2	Large Box Cor	GKG		surface	
PS64/456-1	31.07.03	05:46	78° 54.97' N	5° 0.04' E	2637.6	WSW 10	210.8	0.0	Large Box Cor	GKG		at sea bottom	GE52.2 2587 m ausgesteckt
PS64/456-1	31.07.03	06:35	78° 54.91' N	5° 0.25' E	2637.6	WSW 8	199.1	0.3	Large Box Cor	GKG		on deck	
PS64/457-1	31.07.03	07:12	78° 56.03' N	4° 59.74' E	2608.4	SW 7	151.3	0.4	Bottom lander	LANDER		surface	geslipt
PS64/458-1	31.07.03	10:13	79° 4.31' N	4° 8.19' E	2495.2	SSW 10	131.7	0.5	Remote opera	ROV		surface	VICTOR 6000
PS64/458-1	31.07.03	10:24	79° 4.24' N	4° 8.48' E	2493.2	SSW 10	106.7	0.3	Remote opera	ROV		Depressor into water	
PS64/458-1	31.07.03	11:04	79° 4.10' N	4° 8.42' E	0.0	S 9	199.0	0.2	Remote opera	ROV		Information	heading N
PS64/458-1	31.07.03	11:55	79° 4.38' N	4° 7.75' E	0.0	S 8	134.0	0.4	Remote opera	ROV		at depth	
PS64/458-2	31.07.03	14:22	79° 4.44' N	4° 7.85' E	0.0	S 8	168.3	0.3	Hand net	HN		surface	
PS64/458-2	31.07.03	14:29	79° 4.43' N	4° 7.89' E	2437.0	S 8	299.9	0.0	Hand net	HN		on deck	
PS64/458-1	31.07.03	21:45	79° 4.41' N	4° 7.81' E	0.0	SW 13	37.6	0.3	Remote opera	ROV		Information	Positioned "Dwarf"

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength [m/s]	Course [°]	Speed [kn]	Gear	Gear Abbreviation	Action	Comment
PS64/458-1	01.08.03	01:25	79° 4.36' N	4° 7.51' E	0.0	SSW 7	176.1	0.6	Remote opera	ROV	Information	moving to phytoplankton 200 °
PS64/458-1	01.08.03	02:50	79° 2.80' N	4° 4.97' E	0.0	SSW 9	190.0	0.3	Remote opera	ROV	Information	
PS64/458-1	01.08.03	08:12	79° 4.36' N	4° 8.05' E	0.0	SSW 9	305.9	0.9	Remote opera	ROV	Information	moving to position of shuttle
PS64/458-1	01.08.03	08:20	79° 4.37' N	4° 7.47' E	0.0	SSW 9	338.8	0.5	Remote opera	ROV	Information	stopp
PS64/458-1	01.08.03	09:17	79° 4.35' N	4° 7.38' E	0.0	SW 9	24.7	0.8	Remote opera	ROV	Information	heading N
PS64/458-1	01.08.03	09:33	79° 4.53' N	4° 7.48' E	0.0	SW 10	33.3	0.5	Remote opera	ROV	Information	stopping
PS64/458-1	01.08.03	09:36	79° 4.53' N	4° 7.51' E	0.0	SW 10	163.8	0.2	Remote opera	ROV	Shuttle	released, but no answer
PS64/458-1	01.08.03	09:59	79° 4.57' N	4° 7.44' E	0.0	SSW 10	257.6	0.1	Remote opera	ROV	Shuttle	received answer from shuttle at depth of 1000 mtr
PS64/458-1	01.08.03	10:16	79° 4.55' N	4° 7.79' E	0.0	SSW 11	165.4	1.4	Remote opera	ROV	Shuttle	surfaced
PS64/458-1	01.08.03	10:30	79° 4.15' N	4° 8.91' E	0.0	SSW 10	214.1	1.1	Remote opera	ROV	Shuttle	coming back to the surface
PS64/458-1	01.08.03	10:38	79° 4.17' N	4° 9.13' E	0.0	SSW 10	70.4	0.8	Remote opera	ROV	Shuttle	start heaving on deck
PS64/458-1	01.08.03	11:30	79° 3.98' N	4° 8.69' E	0.0	SW 10	196.0	0.5	Remote opera	ROV	Information	VICTOR stopped at depth of 1500 meters
PS64/458-1	01.08.03	11:35	79° 3.95' N	4° 8.62' E	0.0	SSW 10	207.1	0.6	Remote opera	ROV	Information	continue heaving VICTOR
PS64/458-1	01.08.03	12:26	79° 3.82' N	4° 8.49' E	0.0	SW 10	132.6	0.2	Remote opera	ROV	Information	Depressor on deck
PS64/458-1	01.08.03	13:00	79° 3.54' N	4° 9.15' E	2490.0	SW 9	187.2	0.7	Remote opera	ROV	Information	on deck
PS64/459-1	01.08.03	14:30	79° 3.42' N	3° 29.16' E	3982.0	W 8	139.0	0.4	Bottom water	ε BWS	Information	surface
PS64/459-1	01.08.03	15:52	79° 3.52' N	3° 29.41' E	3964.4	W 7	131.9	0.1	Bottom water	ε BWS	Information	at sea bottom
PS64/459-1	01.08.03	15:59	79° 3.52' N	3° 29.41' E	3965.6	W 7	269.8	0.0	Bottom water	ε BWS	Information	off bottom
PS64/459-1	01.08.03	17:01	79° 3.51' N	3° 29.29' E	3969.2	W 6	187.5	0.2	Bottom water	ε BWS	Information	3930 m on deck
PS64/460-1	01.08.03	19:29	78° 56.04' N	4° 59.23' E	2610.8	W 6	169.7	0.6	Bottom lander	LANDER	Information	Released by Posidonia, no ascent



Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/460-1	01.08.03	19:50	78° 55.95' N	4° 59.23' E	2614.4	W 7	69.1	0.6	Bottom lander	LANDER	released	Released by Hydrophon	
PS64/460-1	01.08.03	20:11	78° 55.95' N	4° 59.96' E	2611.2	W 5	75.2	0.5	Bottom lander	LANDER	released		
PS64/460-1	01.08.03	20:14	78° 55.96' N	5° 0.09' E	2610.8	W 6	79.9	0.4	Bottom lander	LANDER	Information	laut Posidonia hat der Lander ausgelöst	
PS64/460-1	01.08.03	20:51	78° 55.95' N	5° 0.16' E	2610.8	W 6	355.7	1.1	Bottom lander	LANDER	Information	surfaced	
PS64/460-1	01.08.03	21:01	78° 56.05' N	4° 59.98' E	2608.0	WNW 7	151.4	0.3	Bottom lander	LANDER	on Deck		
PS64/461-1	01.08.03	21:31	78° 56.05' N	4° 59.74' E	2609.2	WNW 5	22.8	0.5	Large Box Cor	GKG	surface		
PS64/461-1	01.08.03	22:02	78° 56.02' N	4° 59.60' E	2610.4	WNW 4	173.9	0.2	Large Box Cor	GKG	at sea bottom	GE52.1 - 2561 m	
PS64/461-1	01.08.03	22:53	78° 56.00' N	4° 59.54' E	2611.2	NW 5	27.3	0.5	Large Box Cor	GKG	on deck		
PS64/462-1	01.08.03	23:10	78° 56.03' N	4° 59.66' E	2610.0	NNW 6	260.8	0.0	Large Box Cor	GKG	surface		
PS64/462-1	01.08.03	23:42	78° 56.04' N	4° 59.62' E	2610.0	NNW 4	45.1	0.4	Large Box Cor	GKG	at sea bottom	GE 52.1 - 2560 m	
PS64/462-1	02.08.03	00:28	78° 56.11' N	4° 59.65' E	2607.6	NNW 3	339.8	0.2	Large Box Cor	GKG	on deck		
PS64/463-1	02.08.03	00:45	78° 56.08' N	4° 59.64' E	2609.2	N 1	350.0	0.3	Large Box Cor	GKG	surface		
PS64/463-1	02.08.03	01:19	78° 56.21' N	4° 59.18' E	2606.0	NW 0	290.4	0.2	Large Box Cor	GKG	at sea bottom	2599 m	
PS64/463-1	02.08.03	02:06	78° 56.26' N	4° 58.66' E	2606.0	NNW 2	215.9	0.0	Large Box Cor	GKG	on deck		
PS64/464-1	02.08.03	04:36	79° 3.63' N	3° 28.77' E	3988.0	NNE 4	221.5	0.3	Multi corer	MUC	surface		
PS64/464-1	02.08.03	05:53	79° 3.57' N	3° 28.49' E	4097.6	ENE 2	49.9	0.1	Multi corer	MUC	at sea bottom	GE52.2 4067 m ausgesteckt	
PS64/464-1	02.08.03	07:11	79° 3.66' N	3° 28.52' E	4022.8	NE 3	67.2	0.1	Multi corer	MUC	on deck		
PS64/465-1	02.08.03	07:23	79° 3.65' N	3° 28.63' E	4011.6	ENE 3	86.7	0.1	Large Box Cor	GKG	surface		
PS64/465-1	02.08.03	08:14	79° 3.58' N	3° 28.79' E	4003.2	ENE 3	30.0	0.2	Large Box Cor	GKG	at sea bottom	GE52.1 - 4015 m	
PS64/465-1	02.08.03	09:28	79° 3.51' N	3° 29.62' E	3959.6	E 4	96.7	0.2	Large Box Cor	GKG	on deck		
PS64/466-1	02.08.03	10:14	79° 4.47' N	3° 19.77' E	5218.8	E 3	255.0	0.3	Bottom water	εBWS	surface		
PS64/466-1	02.08.03	11:56	79° 4.46' N	3° 19.64' E	5218.8	E 3	48.2	0.2	Bottom water	εBWS	at sea bottom	GE52.1 - 5203 m	
PS64/466-1	02.08.03	12:03	79° 4.46' N	3° 19.68' E	5218.0	E 3	265.8	0.0	Bottom water	εBWS	off bottom		
PS64/466-1	02.08.03	13:39	79° 4.38' N	3° 20.32' E	5213.2	ESE 4	227.7	0.3	Bottom water	εBWS	on deck		
PS64/467-1	02.08.03	13:46	79° 4.36' N	3° 20.13' E	5210.0	ESE 5	244.8	0.3	Multi corer	MUC	surface		
PS64/467-1	02.08.03	15:17	79° 3.85' N	3° 20.16' E	5098.8	ESE 2	211.1	0.3	Multi corer	MUC	at sea bottom	5050 m	
PS64/467-1	02.08.03	16:55	79° 3.80' N	3° 18.16' E	5115.2	E 3	325.4	4.4	Multi corer	MUC	on deck		
PS64/468-1	02.08.03	22:13	79° 4.48' N	3° 19.91' E	5219.2	NNE 2	36.8	0.2	Large Box Cor	GKG	surface		

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/468-1	02.08.03	23:16	79° 4.47' N	3° 20.01' E	5219.2	N 4	19.6	0.1	Large Box Cor	GKG	at sea bottom	GE52.1 - 5200 m	
PS64/468-1	03.08.03	00:48	79° 4.90' N	3° 21.39' E	4969.2	N 2	63.0	0.3	Large Box Cor	GKG	on deck		
PS64/469-1	03.08.03	01:53	79° 8.15' N	2° 50.58' E	5577.6	N 4	150.7	0.5	Bottom water	ε BWS	surface		
PS64/469-1	03.08.03	03:41	79° 8.22' N	2° 50.77' E	5578.4	N 4	332.9	0.2	Bottom water	ε BWS	at sea bottom		
PS64/469-1	03.08.03	03:48	79° 8.22' N	2° 50.73' E	5578.8	N 4	343.8	0.0	Bottom water	ε BWS	off bottom		
PS64/469-1	03.08.03	05:31	79° 7.72' N	2° 49.08' E	5560.4	N 5	353.7	3.7	Bottom water	ε BWS	on deck		
PS64/470-1	03.08.03	05:45	79° 8.28' N	2° 51.98' E	5576.8	N 5	264.6	0.5	Large Box Cor	GKG	surface		
PS64/470-1	03.08.03	06:55	79° 8.01' N	2° 49.19' E	5580.8	NNW 5	310.0	0.1	Large Box Cor	GKG	at sea bottom	GE52.1 5576 m ausgesteckt	
PS64/470-1	03.08.03	08:36	79° 7.93' N	2° 45.91' E	5539.2	NNW 6	258.4	0.3	Large Box Cor	GKG	on deck		
PS64/471-1	03.08.03	09:00	79° 8.29' N	2° 51.73' E	5576.4	NNW 6	203.2	0.3	Multi corer	MUC	surface		
PS64/471-1	03.08.03	10:38	79° 7.99' N	2° 50.73' E	5573.6	NNW 7	167.1	0.5	Multi corer	MUC	at sea bottom	GE52.1 - 5541 m	
PS64/471-1	03.08.03	12:16	79° 7.93' N	2° 50.85' E	5572.8	NNW 5	13.4	0.2	Multi corer	MUC	on deck		
PS64/472-1	03.08.03	14:30	79° 0.95' N	4° 20.54' E	2584.8	NNW 8	279.9	1.1	Mooring (year)	MOORY	surface	Ankerstein Auslöser, 1. Meßinstrument, 5 Benthos	
PS64/472-1	03.08.03	14:35	79° 0.96' N	4° 20.28' E	2586.0	NNW 8	149.1	0.2	Mooring (year)	MOORY	surface	sediment trap	
PS64/472-1	03.08.03	14:47	79° 0.98' N	4° 20.06' E	2586.8	NNW 7	9.8	0.2	Mooring (year)	MOORY	surface	5 benthos	
PS64/472-1	03.08.03	15:02	79° 0.97' N	4° 19.99' E	2587.6	NNW 8	326.7	0.0	Mooring (year)	MOORY	surface	sediment trap	
PS64/472-1	03.08.03	15:53	79° 0.99' N	4° 19.99' E	2586.8	NNW 7	334.2	0.0	Mooring (year)	MOORY	surface	5 Benthos	
PS64/472-1	03.08.03	15:57	79° 0.99' N	4° 19.99' E	2586.8	NNW 6	335.0	0.0	Mooring (year)	MOORY	surface	sediment trap	
PS64/472-1	03.08.03	16:17	79° 0.99' N	4° 19.97' E	2586.8	NNW 6	136.7	0.1	Mooring (year)	MOORY	surface	xt+ 5 benthos	
PS64/472-1	03.08.03	16:22	79° 0.98' N	4° 20.02' E	2587.6	NNW 6	352.5	0.2	Mooring (year)	MOORY	surface	Argos+ 5 benthos, mooring slipped	
PS64/472-1	03.08.03	16:28	79° 1.00' N	4° 19.99' E	2586.4	NNW 5	245.5	0.3	Mooring (year)	MOORY	surface		
PS64/473-1	03.08.03	16:46	79° 1.64' N	4° 15.53' E	2595.6	NW 5	302.4	0.2	CTD/rosette w	CTD/RO	surface		
PS64/473-2	03.08.03	16:50	79° 1.65' N	4° 15.42' E	2595.6	NW 5	273.3	0.3	Hand net	HN	surface		
PS64/473-2	03.08.03	16:56	79° 1.64' N	4° 15.37' E	2596.4	NW 5	198.0	0.4	Hand net	HN	on deck		
PS64/473-1	03.08.03	18:20	79° 1.61' N	4° 14.25' E	2600.0	NW 5	293.9	0.3	CTD/rosette w	CTD/RO	on deck		
PS64/474-1	03.08.03	18:42	79° 3.38' N	4° 18.83' E	4864.0	NW 5	218.7	0.4	Colonization T	CTR	to water	Tray into water	
PS64/474-1	03.08.03	18:50	79° 3.36' N	4° 18.72' E	2432.0	NW 5	220.8	0.2	Colonization T	CTR	released	Tray slipped	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/474-1	03.08.03	18:51	79° 3.36' N	4° 18.70' E	2432.4	NW 6	177.2	0.3	Colonization T CTR		hydrophon into water	check descent and position	
PS64/474-1	03.08.03	19:03	79° 3.34' N	4° 18.68' E	0.0	NW 5	142.6	0.5	Colonization T CTR		hydrophon on deck		
PS64/475-1	03.08.03	19:36	79° 4.30' N	4° 19.30' E	2340.8	NW 5	354.7	0.5	Colonization T CTR		to water	Trap N°2 into water	
PS64/475-1	03.08.03	19:41	79° 4.28' N	4° 19.23' E	2342.8	NW 5	185.9	0.5	Colonization T CTR		released	Tray N°2 slipped	
PS64/476-1	03.08.03	21:22	79° 17.03' N	4° 20.16' E	2402.0	WNW 6	273.5	0.6	Bottom water ε BWS		surface		
PS64/476-1	03.08.03	22:10	79° 16.99' N	4° 20.04' E	2401.2	WNW 6	198.6	0.0	Bottom water ε BWS		at sea bottom	SE32.1 - 2355 m	
PS64/476-1	03.08.03	22:17	79° 16.99' N	4° 20.06' E	2401.2	WNW 6	203.6	0.0	Bottom water ε BWS		off bottom		
PS64/476-1	03.08.03	23:02	79° 16.98' N	4° 19.83' E	2402.8	WNW 6	179.9	0.2	Bottom water ε BWS		on deck		
PS64/477-1	03.08.03	23:09	79° 17.00' N	4° 19.88' E	2402.8	WNW 6	26.0	0.3	Multi corer MUC		surface		
PS64/477-1	03.08.03	23:53	79° 16.97' N	4° 20.06' E	2400.8	NW 6	133.6	0.1	Multi corer MUC		at sea bottom	GE52.1 - 2355 m	
PS64/477-1	04.08.03	00:42	79° 16.90' N	4° 19.21' E	2403.6	NW 6	229.0	0.0	Multi corer MUC		on deck		
PS64/478-1	04.08.03	00:51	79° 16.92' N	4° 19.26' E	2404.0	WNW 6	34.7	0.1	Large Box Cor GKG		surface		
PS64/478-1	04.08.03	01:22	79° 16.99' N	4° 19.71' E	2403.6	WNW 6	54.3	0.2	Large Box Cor GKG		at sea bottom	2372 m	
PS64/478-1	04.08.03	02:09	79° 17.14' N	4° 20.31' E	2408.0	W 6	38.4	0.6	Large Box Cor GKG		on deck		
PS64/479-1	04.08.03	03:28	79° 25.03' N	4° 41.11' E	2570.4	W 5	344.8	0.1	Bottom water ε BWS		surface		
PS64/479-1	04.08.03	04:17	79° 24.96' N	4° 41.19' E	2565.6	W 5	174.5	0.2	Bottom water ε BWS		at sea bottom	SE32.1 2523 m ausgesteckt	
PS64/479-1	04.08.03	04:26	79° 24.92' N	4° 41.23' E	2563.6	W 5	101.3	0.3	Bottom water ε BWS		off bottom		
PS64/479-1	04.08.03	05:12	79° 24.80' N	4° 41.58' E	2555.6	W 5	350.5	0.1	Bottom water ε BWS		on deck		
PS64/480-1	04.08.03	05:22	79° 24.74' N	4° 41.55' E	2552.8	W 6	204.2	0.4	Multi corer MUC		surface		
PS64/480-1	04.08.03	06:05	79° 24.61' N	4° 41.72' E	2545.6	W 6	168.1	0.2	Multi corer MUC		at sea bottom	GE52.2 2498 m ausgesteckt	
PS64/480-1	04.08.03	06:52	79° 24.54' N	4° 41.55' E	2543.2	W 5	241.5	0.2	Multi corer MUC		on deck		
PS64/481-1	04.08.03	07:06	79° 24.50' N	4° 41.28' E	2542.4	W 5	234.6	0.3	Large Box Cor GKG		surface		
PS64/481-1	04.08.03	07:40	79° 24.48' N	4° 40.85' E	2542.4	WSW 5	247.1	0.2	Large Box Cor GKG		at sea bottom	GE52.2 2501 m ausgesteckt	
PS64/481-1	04.08.03	08:26	79° 24.46' N	4° 39.87' E	2546.0	WSW 4	232.3	0.4	Large Box Cor GKG		on deck		
PS64/482-1	04.08.03	10:38	79° 3.87' N	4° 10.94' E	2464.4	SW 7	347.7	0.7	Bottom lander LANDER		surface	und geslipt	

Station	Date	Time	PositionLat	PositionLon	Depth [m]	Windstrength		Speed		Gear		Action	Comment
						[m/s]	Course [°]	[kn]	Gear	Abbreviation			
PS64/483-1	04.08.03	13:30	78° 46.94' N	5° 20.11' E	2471.6	SW 6	173.9	0.2	Bottom water	ε BWS	surface		
PS64/483-1	04.08.03	14:20	78° 46.85' N	5° 19.80' E	2471.2	SSW 6	253.6	0.1	Bottom water	ε BWS	at sea bottom	2423 m	
PS64/483-1	04.08.03	14:27	78° 46.85' N	5° 19.78' E	2471.6	SSW 6	287.9	0.2	Bottom water	ε BWS	off bottom		
PS64/483-1	04.08.03	15:23	78° 46.86' N	5° 19.60' E	2475.2	SW 6	49.4	0.1	Bottom water	ε BWS	on deck		
PS64/484-1	04.08.03	15:27	78° 46.86' N	5° 19.61' E	2475.2	SW 5	310.1	0.0	Multi corer	MUC	surface		
												GE52.2 2430 m	
PS64/484-1	04.08.03	16:17	78° 46.79' N	5° 19.49' E	2474.0	SSW 6	280.9	0.3	Multi corer	MUC	at sea bottom	ausgesteckt	
PS64/484-1	04.08.03	17:04	78° 46.86' N	5° 18.42' E	2497.2	SSW 6	220.1	0.3	Multi corer	MUC	on deck		
PS64/485-1	04.08.03	17:16	78° 46.90' N	5° 18.39' E	2499.2	SW 5	13.4	0.3	Large Box Cor	GKG	surface		
												GE52.2 2457 m	
PS64/485-1	04.08.03	17:46	78° 47.05' N	5° 18.36' E	2500.4	SSW 6	252.7	1.0	Large Box Cor	GKG	at sea bottom	ausgesteckt	
PS64/485-1	04.08.03	18:28	78° 47.28' N	5° 18.44' E	2497.2	SSW 6	262.2	0.4	Large Box Cor	GKG	on deck		
												6 Benthos, 1	
PS64/486-1	04.08.03	19:48	78° 36.44' N	5° 4.78' E	2342.8	SSW 6	240.4	0.1	Bottom lander, BL_P		surface	current	
PS64/486-1	04.08.03	19:51	78° 36.43' N	5° 4.80' E	2342.4	SSW 7	63.6	0.1	Bottom lander, BL_P		released	meter+releaser	