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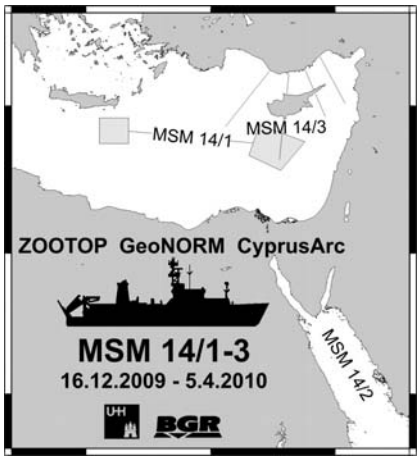
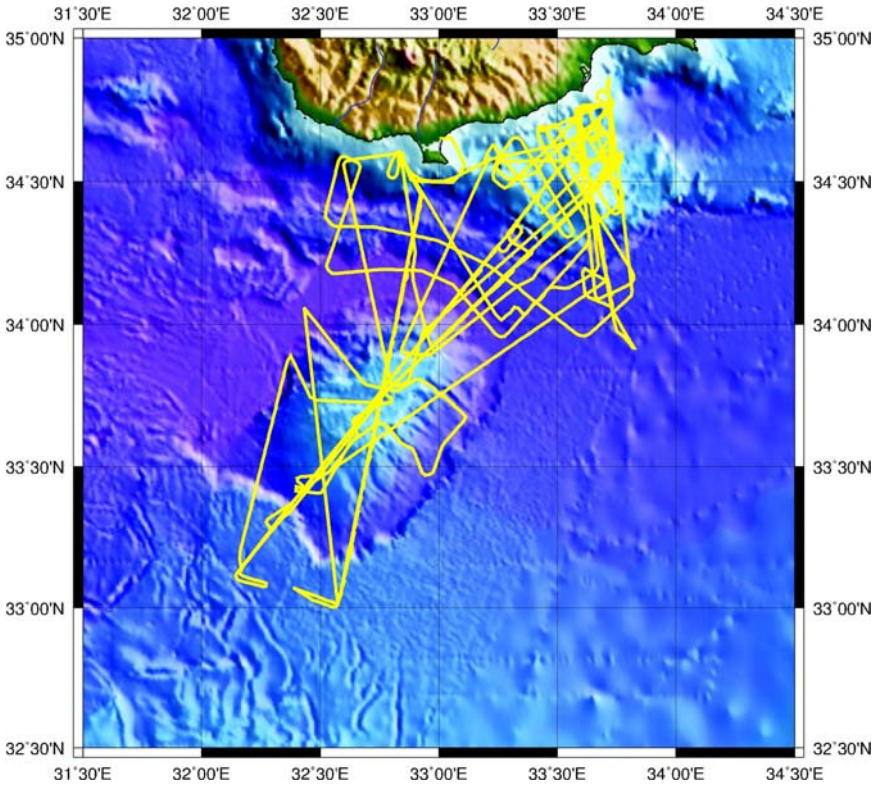



# Short Cruise Report
# RV MARIA S. MERIAN Cruise MSM14/3
# Limassol (Cyprus) to Limassol (Cyprus)
# 12 March – 5 April 2010
# Chief Scientist: Christian Hübscher
# Captain: Friedhelm von Staa




Cruise track MSM14/3

## Objectives

To understand how the continents evolved and how, and where, they hide our resources or cause catastrophic events, we must learn the lessons of plate tectonics from active examples. Most of the Earth's solid surface dynamics occurs at plate boundaries, as manifest spectacularly in earthquakes and volcanoes, less spectacularly, but equally importantly, in sedimentary basins and mountain ranges.
In the eastern Mediterranean, the Cyprus arc has been the location of subduction of the oceanic edge of the African plate below the Aegean/Anatolian microplate, which itself is squeezed between the larger African and Eurasian plates. But now microcontinental blocks on the oceanic edge of the African plate are beginning to collide with the Aegean/Anatolian microplate, the Cyprus arc is in transition from subduction to continental collision. The working program was designed to unravel the impact of the incipient continent-continent collision on the deep crustal structure, on the Pliocene-Quaternary sediment succession and on the morphostructure of the seabed in the entire study area. In order to image the deep crustal structure we chose a multi-scale approach including wide angle seismic reflections and refractions seismics, gravity, magnetics as well as magnetotelluric data along four profiles. The uppermost few kilometres of the crust were investigated by means of multichannel seismics, gravity, magnetics, sediment subbottom profiling and multibeam surveying.

## Narrative

RV Maria S. Merian left Limassol harbor in the evening of the 12th of March. About 2 hours later and after leaving the 3 nm zone collections of gravity and hydroacoustic data started. Shortly afterwards the reflection seismic equipment and the magnetometer were deployed. The first three multi-parameter profiles covered the southern Cyprus continental slope, the Cyprus trench, the northern part of the Eratosthenes Seamount (ESM) and Hecataeus Rise (HR). These seismic data provided a first insight into the upper 1000 m of these dominant features. The data elucidate mass-wasting on the southern continental slope of Cyprus, compressional salt tectonics between Cyprus and ESM, growth strata in the Cyprus Trench and tectonic faulting.
On Sunday, 14th of March, all towed equipment was retrieved and the preparations for the deployment of 37 ocean-bottom-seismometers (OBS) and 12 magnetotellurik stations (MT) started with testing the releaser systems in water depth of 1000 m. All these instruments were deployed along two profiles until 15$^{th}$ of March. The northern seamount and adjacent trenches has been investigated by three more profiles during a 24 hour survey. On March 16 we started with the deployment of the 98-Liter airgun cluster and started with shooting along the first two wide angle reflection / refraction seismic profiles (WARRPs). As usually along all profiling measurements, gravity, magnetic, sediment subbottom profiler and multi-beam data were collected along the profiles. Directly after the successful end of the shooting the OBS were collected until March 22$^{nd}$.
The following 24 hours we spend with geophysical profiling between ESM and HR, getting first ideas about the intricate tectonic history of ESM. In order to investigate the deep interior of the HR we deployed 15 OBS along a ca. 100 km long WARRP. We directly started to shoot with the 98 liter cluster along this line. Subsequently the OBS were recovered. On March 25 we had a closer look on the flanks of the ESM which reveals several canyons overprinted by tectonic processes and a circular

depression. The deployment of the OBS along the final WARRP was done on the 26th and 27th of March. Before this line was measured we spent 24 more hours with geophysical profiling and a test of the controlled source magnetotelluric system. Shooting along the last WARRP was successfully finished on March 23rd and the recovery of the OBS and the magnetotelluric stations was done on April 1st. The next two days we surveyed mainly the HR, before we released two remaining OBS south-east of Cyprus. During the final 24 hours of the cruise we completed the multi-beam map of the HR. Our cruise ended in Limassol harbour on April 5th in the morning.

**Acknowledgements**
We would like to thank Captain Friedhelm von Staa, his officers and the crew of R/V Maria S. Merian who contributed with their competent and professional support significantly to the success of the cruise. The cooperativeness, efficiency and problem management aboard was outstanding. Further we would like to thank Mr. Wolfgang Mahrle from Germany's Foreign Office, Mr. Ralf Teepe from the Embassy of the Federal Republic of Germany Nicosia and their colleagues for their extensive support in all diplomatic issues.
The ship time of R/V Maria S. Merian and financial support was provided by the Deutsche Forschungsgemeinschaft (DFG).

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**MSM14/3 Multi-parameter geophysical profiles (multichannel seismics, gravity, magnetics, sediment subbottom profiling, Multibeam). Profiles 07, 08, 13 and 27 are wide angle reflection & refractione profiles (WARRPs).**

| Source | Profile | Start | | | | Ende | | | | Length[km] |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Date | UTC | Latitude | Longitude | Date | UTC | Lat | Lon | |
| GI-Gun | 01 | 13.03.2010 | 00:36:15 | 34°33,092’ | 32°35,963’ | 13.03.2010 | 09:51:43 | 33°48,180’ | 32°47,614’ | 91 |
| GI-Gun | 02 | 13.03.2010 | 11:03:34 | 33°49,07’ | 32°52,66’ | 13.03.2010 | 12:50:50 | 33°57,69’ | 32°55,71’ | 18 |
| GI-Gun | 03 | 13.03.2010 | 13:03:28 | 33°58,587’ | 32°56,360 | 13.03.2010 | 23:37:40 | 34°33,39’ | 33°44,20’ | 98 |
| GI-Gun | 04 | 15.03.2010 | 19:36:00 | 34°44,17’ | 33°34,78’ | 16.03.2010 | 03:13:50 | 34°6,295’ | 33°39,544’ | 78 |
| GI-Gun | 05 | 16.03.2010 | 03:48:00 | 34°6,013’ | 33°42,162’ | 16.03.2010 | 04:43:09 | 34°8,317’ | 33°48,067’ | 17 |
| GI-Gun | 06 | 16.03.2010 | 05:23:00 | 34°11,291’ | 33°48,734’ | 16.03.2010 | 12:27:00 | 34°41,322' | 33°26,583' | 65 |
| Bolt | 07 | 16.03.2010 | 18:30:52 | 34°45,776’ | 33°43,183’ | 18.03.2010 | 06:41:00 | 33°7,506' | 32°9,054' | 234 |
| Bolt | 08 | 18.03.2010 | 21:46:59 | 33°41,628’ | 32°41,422’ | 19.03.2010 | 12:50:27 | 34°33,356’ | 33°45,455’ | 139 |
| GI-Gun | 10 | 22.03.2010 | 12:22:00 | 34°39,530' | 33°44,333' | 23.03.2010 | 00:33:00 | 34°54,744’ | 32°50,516’ | 137 |
| GI-Gun | 11 | 23.03.2010 | 00:56:00 | 33°53,838’ | 32°52,388’ | 23.03.2010 | 01:36:00 | 33°53,490’ | 32°56,700’ | 10 |
| GI-Gun | 12 | 23.03.2010 | 01:57:00 | 33°54,093’ | 32°58,668’ | 23.03.2010 | 11:20:00 | 34°25,284’ | 33°45,859’ | 93 |
| Bolt | 13 | 23.03.2010 | 22:20:46 | 33°59,862’ | 33°44,544’ | 24.03.2010 | 09:42:22 | 34°44,638’ | 33°34,672’ | 91 |
| GI-Gun | 14 | 25.03.2010 | 16:50:15 | 33°25,608’ | 32°31,115’ | 25.03.2010 | 20:07:00 | 33°39,120’ | 32°44,676’ | 34 |
| GI-Gun | 15 | 25.03.2010 | 20:28:00 | 33°38,699’ | 32°50,681’ | 25.03.2010 | 22:59:00 | 33°28,177' | 32°56,580' | 25 |
| GI-Gun | 16 | 25.03.2010 | 23:17:00 | 33°28,606' | 32°58,383' | 26.03.2010 | 01:42:00 | 33°39,905' | 33°06,542' | 28 |
| GI-Gun | 17 | 26.03.2010 | 01:59:00 | 33°41,150' | 33°06,240' | 26.03.2010 | 04:10:26 | 33°48,431’ | 32°54,884’ | 33 |
| GI-Gun | 18 | 26.03.2010 | 05:13:42 | 33°45,867' | 32°48,938’ | 26.03.2010 | 10:15:00 | 34°02,276' | 32°27,020' | 47 |
| GI-Gun | 19 | 27.03.2010 | 07:01:00 | 34°37,502' | 33°14,258' | 27.03.2010 | 11:08:00 | 34°18,925' | 33°31,480' | 52 |
| GI-Gun | 20 | 27.03.2010 | 11:48:23 | 34°20,331' | 33°33,634' | 27.03.2010 | 15:14:00 | 34°38,860’ | 33°20,687’ | 38 |
| GI-Gun | 21 | 27.03.2010 | 15:19:00 | 34°38,613’ | 33°20,843’ | 27.03.2010 | 21:51:09 | 34°44,998' | 33°37,467’ | 39 |
| GI-Gun | 22 | 27.03.2010 | 22:00:21 | 34°44,270’ | 33°38,273’ | 28.03.2010 | 01:28:00 | 34°24,559' | 33°46,013' | 69 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| GI-Gun | 23 | 28.03.2010 | 02:26:00 | 34°25,93’ | 33°41,83’ | 28.03.2010 | 05:36:00 | 34°41,844' | 33°29,335' | 41 |
| GI-Gun | 24 | 28.03.2010 | 06:09:00 | 34°40,83' | 33°25,69’ | 28.03.2010 | 09:44:00 | 34°22,246' | 33°37,252' | 40 |
| GI-Gun | 25 | 28.03.2010 | 10:44:00 | 34°16,585' | 33°37,353' | 28.03.2010 | 12:54:00 | 34°07,01’ | 33°27,23’ | 37 |
| Bolt | 27 | 28.03.2010 | 22:58:59 | 34°35,151' | 32°50,375' | 29.03.2010 | 23:19:00 | 33°00,821’ | 32°34,411’ | 180 |
| GI-Gun | 28 | 01.04.2010 | 13:14:16 | 34°49,299’ | 33°42,938’ | 01.04.2010 | 20:20:09 | 34°6,949’ | 33°48,904’ | 85 |
| GI-Gun | 29 | 01.04.2010 | 20:42:00 | 34°5,082’ | 33°47,479’ | 01.04.2010 | 22:32:02 | 33°57,762’ | 33°37,840’ | 25 |
| GI-Gun | 30 | 01.04.2010 | 22:59:11 | 33°57,895’ | 33°34,954’ | 02.04.2010 | 08:30:22 | 34°20,593' | 32°33,808' | 112 |
| GI-Gun | 31 | 02.04.2010 | 09:02:41 | 34°22,866’ | 32°33,808’ | 02.04.2010 | 11:04:26 | 34°34,867' | 32°34,280' | 23 |
| GI-Gun | 32 | 02.04.2010 | 12:04:39 | 34°32,619' | 32°40,017' | 02.04.2010 | 15:36:44 | 34°12,548’ | 32°31,666’ | 56 |
| GI-Gun | 33 | 02.04.2010 | 16:05:24 | 34°10,647’ | 32°33,533’ | 02.04.2010 | 22:42:16 | 33°57,676' | 33°14,625' | 77 |
| GI-Gun | 34 | 02.04.2010 | 23:05:23 | 33°57,765' | 33°17,093' | 03.04.2010 | 01:15:25 | 34°7,529' | 33°27,791' | 31 |
| GI-Gun | 35 | 03.04.2010 | 01:53:06 | 34°7,534' | 33°32,145' | 03.04.2010 | 03:01:05 | 34°10,804' | 33°39,292' | 16 |
| GI-Gun | 36 | 03.04.2010 | 03:18:47 | 34°12,253' | 33°40,290' | 03.04.2010 | 08:45:25 | 34°44,756' | 33°35,618' | 77 |
| GI-Gun | 37 | 03.04.2010 | 10:15:13 | 34°43,754’ | 33°41,744’ | 03.04.2010 | 12:57:38 | 34°33,865’ | 33°26,123’ | 55 |
| GI-Gun | 38 | 03.04.2010 | 15:14:43 | 34°34,202' | 33°15,707' | 03.04.2010 | 19:01:04 | 34°34,568' | 33°43,128' | 48 |
| GI-Gun | 39 | 03.04.2010 | 19:36:12 | 34°36,609' | 33°42,824' | 03.04.2010 | 22:41:18 | 34°23,626' | 33°26,200' | 35 |

# Deployment and recovery coordinates of Ocean Bottom Seismometers (OBS)

## WARRP 07

| | | Deployment | | | | Recovery | | | | Offset | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nr. | OBS | Lat [°] | Lat ['] | Lon [°] | Lon ['] | Lat [°] | Lat ['] | Lon [°] | Lon ['] | Depth [m] | min [m] | max [m] |
| 1 | GSC A | 34 | 43,29 | 33 | 40,73 | 34 | 43,26 | 33 | 40,762 | 798 | -228707 | 5726 |
| 2 | GSC C | 34 | 39,68 | 33 | 37,42 | 34 | 39.611 | 33 | 37,411 | 783 | -22034 | 14093 |
| 3 | GSC D | 34 | 36,30 | 33 | 33,93 | | | | | 784 | -205138 | 29295 |
| 4 | GSC E | 34 | 33,30 | 33 | 31,14 | 34 | 33,35 | 33 | 31,092 | 747 | -198878 | 35555 |
| 5 | GSC F | 34 | 30,69 | 33 | 28,53 | 34 | 30,71 | 33 | 28,554 | 718 | -190182 | 4425 |
| 6 | GSC H | 34 | 27,01 | 33 | 24,99 | 34 | 27,02 | 33 | 24,984 | 856 | -184034 | 50399 |
| 7 | GSC J | 34 | 24,40 | 33 | 22,50 | 34 | 24,43 | 33 | 22,511 | 964 | -184,034 | 50,399 |
| 8 | OBH Krieg | 34 | 19,50 | 33 | 18,19 | 34 | 19,57 | 33 | 18,34 | 2015 | -61440 | 170240 |
| 9 | OBS DUFF | 34 | 15,61 | 33 | 14,03 | 34 | 15,64 | 33 | 14,395 | 2023 | -71201 | 160382 |
| 10 | OBH Binky | 34 | 11,71 | 33 | 10,35 | 34 | 11,70 | 33 | 10,3 | 2082 | -80308 | 151378 |
| 11 | OBS JEVER | 34 | 7,38 | 33 | 6,06 | 34 | 7,40 | 33 | 6 | 2585 | -90713 | 140873 |
| 12 | OBS ESPECIAL | 34 | 3,29 | 33 | 2,06 | 34 | 3,21 | 33 | 2,203 | 2507 | -100474 | 131218 |
| 13 | OBS Becks | 33 | 58,99 | 32 | 58,02 | 33 | 58,96 | 32 | 58,027 | 1877 | -110496 | 121194 |
| 14 | OBS GANTER | 33 | 54,78 | 32 | 53,94 | 33 | 54,57 | 32 | 53,878 | 1575 | -120493 | 111198 |
| 15 | GSC K | 33 | 50,18 | 32 | 49,50 | 33 | 50,19 | 32 | 49,43 | 1020 | -102967 | 13147 |
| 16 | GSC L | 33 | 41,47 | 32 | 41,28 | 33 | 41,52 | 32 | 41,244 | 820 | -82481 | 151957 |
| 17 | GSC N | 33 | 37,35 | 32 | 37,41 | 33 | 37,38 | 32 | 37,398 | 808 | -72801 | 161638 |
| 18 | GSC P | 33 | 31,57 | 32 | 31,82 | 33 | 31,63 | 32 | 31,846 | 1184 | -59067 | 175377 |
| 19 | DAL A | 33 | 25,27 | 32 | 25,80 | 33 | 25,11 | 32 | 26 | 1723 | -44161 | 190292 |
| 20 | DAL B | 33 | 19,05 | 32 | 19,82 | 33 | 18,89 | 32 | 20,023 | 1594 | 2949 | -29414 |
| 21 | DAL C | 33 | 13,41 | 32 | 14,70 | 33 | 13,23 | 32 | 14,92 | 1580 | 1821 | -16339 |

## WARRP 08

| | | Deployment | | | | Recovery | | | | Offset | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nr. | OBS | Lat [°] | Lat ['] | Lon [°] | Lon ['] | Lat [°] | Lat ['] | Lon [°] | Lon ['] | Depth [m] | min [m] | max [m] |
| 23 | OBS Rothaus | 33 | 45,90 | 32 | 46,75 | | | | | 903 | -131138 | 12014 |
| 24 | OBH Pest | 33 | 51,69 | 32 | 54,25 | 32 | 54,13 | 33 | 51,742 | 1174 | -114579 | 28574 |
| 25 | OBS Astra | 33 | 55,42 | 32 | 58,58 | 33 | 55,43 | 32 | 58,474 | 1590 | -104693 | 38459 |
| 26 | OBH Hunger | 34 | 0,02 | 33 | 4,27 | 34 | 0,03 | 33 | 4,305 | 2309 | -91975 | 51177 |
| 27 | OBS Carlsberg | 34 | 3,79 | 33 | 8,85 | 34 | 3,59 | 33 | 8,961 | 2523 | -81676 | 61476 |
| 28 | OBS Polar | 34 | 7,50 | 33 | 13,55 | 34 | 7,36 | 33 | 13,964 | 2185 | -72009 | 71148 |
| 29 | OBH TOD | 34 | 11,638 | 33 | 18,618 | 34 | 11,84 | 33 | 18,966 | 2110 | -59788 | 83364 |
| 30 | OBS Karlsquell | 34 | 15,392 | 33 | 23,317 | 34 | 15,68 | 33 | 23,585 | 1802 | -49437 | 93715 |
| 31 | DAL E | 34 | 19,110 | 33 | 28,032 | 34 | 19,31 | 33 | 28,335 | 1132 | -102439 | 37593 |
| 32 | DAL F | 34 | 22,092 | 33 | 31,728 | 34 | 22,18 | 33 | 31,867 | 1112 | -110344 | 29688 |
| 33 | DAL G | 34 | 26,190 | 33 | 36,678 | | | | | 273 | | |
| 34 | DAL H | 34 | 28,308 | 33 | 39,138 | | | | | 419 | | |
| 35 | DAL I | 34 | 30,012 | 33 | 41,430 | 34 | 29,75 | 33 | 41,341 | 557 | -131194 | 8834 |
| 36 | DAL K | 34 | 31,902 | 33 | 43,740 | 34 | 31,96 | 33 | 43,652 | 863 | -136162 | 3867 |
| 37 | DAL N | 34 | 33,396 | 33 | 45,498 | 34 | 33,46 | 33 | 45,367 | 988 | -140023 | -29 |

## WARRP 13

| | | Deployment | | | | Recovery | | | | Offset | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nr. | OBS | Lat [°] | Lat ['] | Lon [°] | Lon ['] | Lat [°] | Lat ['] | Lon [°] | Lon ['] | Depth [m] | min [m] | max [m] |
| 1 | DAL-E | 34 | 42,996 | 33 | 34,974 | 34 | 42,95 | 33 | 34,964 | 551 | -3268 | 87166 |
| 2 | DAL-F | 34 | 40,206 | 33 | 35,567 | 34 | 40,14 | 33 | 35,551 | 653 | -8448 | 81993 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | DAL-I | 34 | 37,404 | 33 | 36,222 | 34 | 37,33 | 33 | 36,095 | 819 | -13722 | 76719 |
| 4 | DAL-K | 34 | 34,620 | 33 | 36,876 | 34 | 34,60 | 33 | 36,838 | 798 | -19317 | 71131 |
| 5 | DAL-N | 34 | 31,716 | 33 | 37,488 | 34 | 31,71 | 33 | 37,541 | 685 | -24407 | 66045 |
| 6 | OBS Rothaus | 34 | 28,902 | 33 | 38,094 | 34 | 28,93 | 33 | 38,234 | 360 | -46516 | 25270 |
| 7 | OBS GANTER | 34 | 26,538 | 33 | 38,856 | 34 | 26,20 | 33 | 39,012 | 278 | -42622 | 29164 |
| 8 | OBS Becks | 34 | 23,256 | 33 | 39,420 | 34 | 23,37 | 33 | 39,609 | 664 | -37449 | 34302 |
| 9 | OBS Keo/Carlsberg | 34 | 20,421 | 33 | 40,020 | 34 | 20,60 | 33 | 40,285 | 1054 | -32934 | 38818 |
| 10 | OBS Polar | 34 | 17,610 | 33 | 40,620 | 34 | 17,78 | 33 | 40,831 | 1891 | -28445 | 43307 |
| 11 | GSC-A | 34 | 14,808 | 33 | 41,202 | 34 | 14,96 | 33 | 41,442 | 1919 | -56175 | 34359 |
| 12 | GSC-C | 34 | 11,913 | 33 | 41,904 | 34 | 12,03 | 33 | 41,994 | 1872 | -61628 | 28926 |
| 13 | GSC-E | 34 | 9,126 | 33 | 42,498 | 34 | 9,27 | 33 | 42,647 | 2138 | -66643 | 23918 |
| 14 | GSC-F | 34 | 6,318 | 33 | 43,134 | 34 | 6,41 | 33 | 43,291 | 2153 | -72139 | 18521 |
| 15 | GSC-H | 34 | 3,420 | 33 | 43,734 | 34 | 3,52 | 33 | 43,938 | 2176 | -77558 | 13234 |

**WARRP 27**

| | | Deployment | | | | Recovery | | | | | Offset | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Nr.** | **OBS** | **Lat [°]** | **Lat ['] ** | **Lon [°]** | **Lon [']** | **Lat [°]** | **Lat ['] ** | **Lon [°]** | **Lon [']** | **Depth [m]** | **min [m]** | **max [m]** |
| 1 | GSC A | 33 | 0,745 | 32 | 34,400 | 33 | 0,74 | 32 | 34,400 | 1423 | -222 | 178309 |
| 2 | GSC C | 33 | 3,280 | 32 | 35,241 | 33 | 3,28 | 32 | 35,241 | 1444 | -5083 | 173494 |
| 3 | GSC E | 33 | 5,770 | 32 | 35,838 | 33 | 5,77 | 32 | 35,838 | 1431 | -9778 | 168803 |
| 4 | GSC F | 33 | 9,585 | 32 | 36,644 | 33 | 9,59 | 32 | 36,644 | 1434 | -16919 | 161661 |
| 5 | GSC H | 33 | 13,506 | 32 | 37,748 | 33 | 13,51 | 32 | 37,748 | 2051 | -24363 | 15426 |
| 6 | GSC J | 33 | 15,795 | 32 | 38,253 | 33 | 15,80 | 32 | 38,253 | 1981 | -28663 | 149967 |
| 7 | OBH Binky | 33 | 17,918 | 32 | 38,736 | 33 | 17,952 | 32 | 38,800 | 1856 | -122461 | 27793 |
| 8 | OBS JEVER | 33 | 20,480 | 32 | 39,351 | 33 | 20,562 | 32 | 39,363 | 1774 | -118314 | 31850 |
| 9 | OBS Polar | 33 | 23,486 | 32 | 40,126 | 33 | 23,622 | 32 | 40,099 | 1634 | -113436 | 36763 |
| 10 | OBS GANTER | 33 | 26,390 | 32 | 40,835 | 33 | 28,987 | 32 | 41,722 | 1430 | -108740 | 41487 |
| 11 | OBS Carlsberg/Keo | 33 | 29,003 | 32 | 41,433 | 33 | 29,076 | 32 | 41,442 | 1356 | -104524 | 45723 |
| 12 | OBH Krieg | 33 | 32,073 | 32 | 42,230 | 33 | 32,133 | 32 | 42,264 | 1195 | -99550 | 50742 |
| 13 | OBS Astra | 33 | 34,688 | 32 | 42,924 | 33 | 34,747 | 32 | 43,012 | 832 | -95323 | 55018 |
| 14 | GSC K | 33 | 36,784 | 32 | 43,424 | 33 | 36,78 | 32 | 43,424 | 840 | -68263 | 110558 |
| 15 | GSC L | 33 | 39,815 | 32 | 44,140 | 33 | 39,81 | 32 | 44,140 | 945 | no data | |
| 16 | GSC N | 33 | 42,614 | 32 | 44,742 | 33 | 42,61 | 32 | 44,742 | 931 | -79224 | 99652 |
| 17 | GSC P | 33 | 45,709 | 32 | 45,555 | 33 | 45,71 | 32 | 45,555 | 916 | -85079 | 93855 |
| 18 | DAL A | 33 | 48,184 | 32 | 46,121 | 33 | 48,18 | 32 | 46,121 | 953 | -89735 | 89233 |
| 19 | DAL B | 33 | 50,954 | 32 | 46,812 | 33 | 50,95 | 32 | 46,812 | 1115 | -94963 | 8406 |
| 20 | DAL C | 33 | 54,262 | 32 | 47,609 | 33 | 54,26 | 32 | 47,609 | 1658 | -101198 | 77894 |
| 21 | OBS Becks | 33 | 56,285 | 32 | 48,103 | 33 | 56,278 | 32 | 48,069 | 1768 | -60708 | 90083 |
| 22 | OBS Rothaus | 33 | 59,218 | 32 | 48,929 | 33 | 59,21 | 32 | 48,929 | 1899 | -56041 | 94907 |
| 23 | OBH Pest | 34 | 2,782 | 32 | 49,588 | 34 | 2,864 | 32 | 49,727 | 2509 | -50433 | 100699 |
| 24 | OBS Karlsquell | 34 | 4,876 | 32 | 50,213 | 34 | 4,885 | 32 | 50,422 | 2508 | -47141 | 104049 |
| 25 | OBS DUFF | 34 | 7,894 | 32 | 50,816 | 34 | 7,925 | 32 | 50,961 | 2642 | -41423 | 108882 |
| 26 | OBH TOD | 34 | 10,676 | 32 | 51,501 | 34 | 10,647 | 32 | 51,855 | 2664 | -41423 | 108882 |
| 27 | OBH Hunger | 34 | 13,189 | 32 | 52,101 | 34 | 13,234 | 32 | 52,165 | 2699 | -30155 | 117583 |
| 28 | OBS ESPECIAL | 34 | 16,284 | 32 | 52,802 | 34 | 16,281 | 32 | 52,857 | 2209 | -23670 | 122472 |
| 29 | DAL D | 34 | 19,074 | 32 | 53,541 | 34 | 19,07 | 32 | 53,541 | 2115 | -147946 | 32477 |
| 30 | DAL E | 34 | 22,383 | 32 | 54,362 | 34 | 22,38 | 32 | 54,362 | 1994 | -154189 | 26794 |
| 31 | DAL F | 34 | 24,803 | 32 | 54,826 | 34 | 24,80 | 32 | 54,826 | 2045 | -158726 | 22777 |
| 32 | DAL I | 34 | 27,294 | 32 | 55,440 | 34 | 27,29 | 32 | 55,440 | 1977 | -163411 | 18943 |
| 33 | DAL K | 34 | 31,939 | 32 | 52,477 | 34 | 31,94 | 32 | 52,477 | 160 | -171013 | 9243 |
| 34 | DAL N | 34 | 35,294 | 32 | 50,340 | 34 | 35,29 | 32 | 50,340 | 118 | -176503 | 4146 |