

Parasound journal of Polarstern Leg ANT-XI/2

1993-12-12 to 1994-01-09

Rainer Gersonde, Gerhard Kuhn & Shipboard Scientific Party

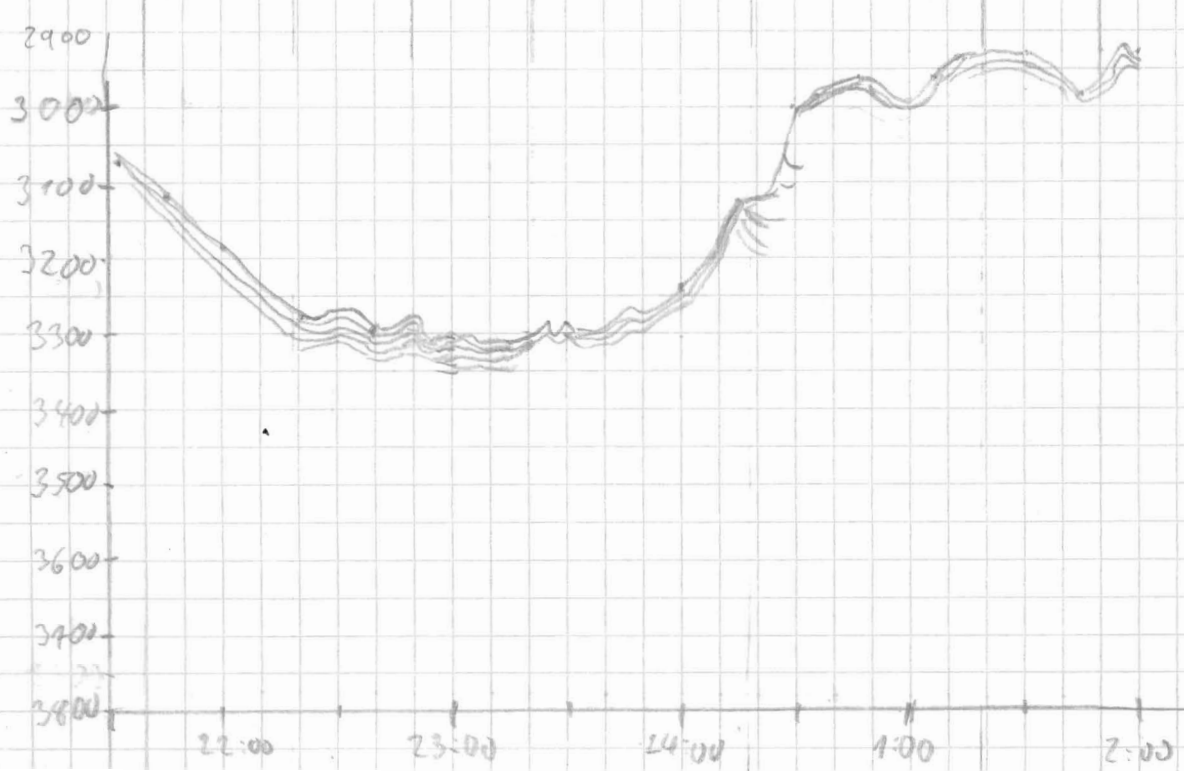
1994

Alfred Wegener Institute for Polar and Marine Research, Bremerhaven

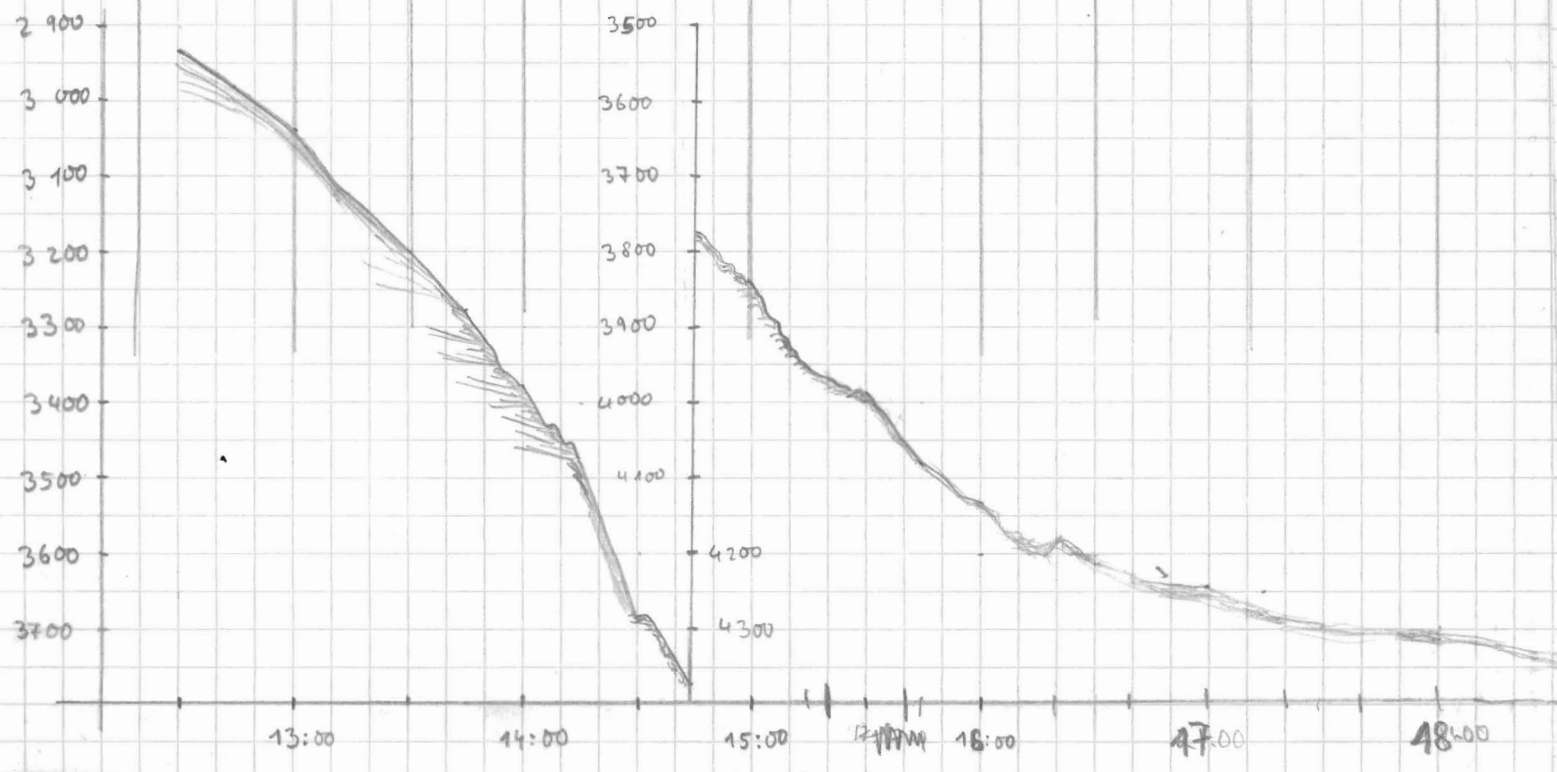
hdl:10013/epic.28622

| Date | Time (GMT) | Depth P.S | Depth #S | Lat. | Long | Speed | Kurs | Wache | Frg |
|----------|---------------|--------------|-------------|-----------|-----------|-------|-------|-------|-----|
| 12.12.93 | 21:34 | 3071 | 3075 | 35°16,6'S | 17°27,1'E | 15,0 | 206,1 | Kuhn | 4 |
| " | 21:45 | 3192 | 3196 | 18,9' | 25,6 E | 15,1 | 206,6 | " | " |
| " | 22:00 | 3191 | 3194 | 21,6' | 27,3 E | 14,6 | 133,7 | " | " |
| " | 22:20 | 3269 | 3274 | 24,6' | 31,8 E | 15,2 | 134,5 | " | " |
| " | 22:40 | 3296 | 3299 | 28,2 | 36,3 E | 15,3 | 134,8 | " | " |
| " | 23:00 | 3305 | 3304 | 31,4 | 40,6 E | 15,2 | 134,9 | " | " |
| " | 23:15 | 3304 | 3306 | 34,0 S | 40,1 E | 15,3 | 134,5 | " | " |
| " | 23:30 | 3292 | 3295 | 36,6 | 47,4 | 15,7 | 135,3 | " | " |
| " | 23:45 | 3278 | 3280 | 39,2 | 50,9 | 17,7 | 135,7 | " | " |
| 13.12.93 | 0:00 | 3235 | 3247 | 41,9 | 54,3 | 15,6 | 136,1 | " | " |
| " | 0:15 | 3123 | 3133 | 44,2 | 57,4 | 15,8 | 134,2 | " | " |
| " | 0:30 | 2984 | 2992 | 47,0 | 18°01,0 | 15,8 | 133,9 | " | " |
| " | 0:47 | 2956 | 2950 | 49,9 | 4,9 | 15,4 | 136,5 | " | " |
| " | 1:09 | 2957 | 2963 | 50,4 | 7,6 | 7,4 | 310,9 | " | " |
| " | 1:30 | 2967 | 2959 | 50,2 | 4,7 | 9,8 | 226,9 | " | " |
| " | 1:45 | 2944 | 2998 | 51,3 | 5,4 | 8,2 | 30,7 | " | " |
| " | 2:02 | 2925 | 2941 | 48,7 | 6,3 | 4,1 | 196,6 | " | 5,5 |

| | | | | | | | | | |
|----------|-------|------|------|-------------|-------------|------|-------|----------|-----|
| 13.12.93 | 7:40 | 2944 | 2947 | 35 49,682 S | 18°06,058 E | 1,1 | 66,5 | Hofmann | 5,5 |
| | 10:10 | | | 35 49,47 S | 18°05,67 E | | | | |
| " | 11:44 | 2944 | 2946 | 35°49,7'S | 18°06,2 E | 7,5 | 241,4 | Kuhn | 4 |
| " | 11:26 | 2948 | 2952 | 35°49,6'S | 18°05,7 E | 0,9 | 346 | " | " |
| " | 11:56 | 2943 | 2947 | 49,3'S | 05,7 E | 3,2 | 215 | " | 4 |
| " | 12:29 | 2935 | 2925 | 49,3'S | 06,4 E | 3,2 | 168 | Schäfers | " |
| " | 12:45 | 2983 | 2974 | 50,9'S | 05,4 E | 9,4 | 209 | " | " |
| " | 13:00 | 3041 | 3031 | 53,2'S | 03,7 E | 11,8 | 211 | " | " |
| " | 13:15 | 3123 | 3125 | 55,6'S | 01,9 E | 12,0 | 214 | " | " |



| Date | Time | Depth TS | Depth HS | Lat. | Long. | Speed | Kurs | Wache | Frg. |
|----------|-------|-------------|-------------|---------------|---------------|-------|-------|----------|------|
| 13/12/93 | 13:30 | 3199 | 3221 | 35° 57,9' S | 17° 59,9' E | 11,9 | 215 | Schäfer | 4 |
| " | 13:45 | 3281 | 3304 | 36° 00,3' S | 17° 57,9' E | " | 217 | " | " |
| " | 14:00 | 3379 | 3404 | 36° 02,7' S | 17° 56' 004 E | 12,3 | 211 | Hermanns | " |
| " | 14:15 | 3478 | 3506 | 36° 05,0' S | 54,0' E | 12,1 | 212 | Schäfer | " |
| " | 14:30 | 3668 | 3697 | 07,4' S | 52,1' E | 11,9 | 218 | " | " |
| " | 14:45 | 3775 | 3813 | 09,6' S | 50,0' E | 12,1 | 215 | " | " |
| " | 15:00 | 3845 | 3881 | 11,9' S | 48,0' E | 11,9 | 212 | " | " |
| " | 15:15 | 3959 | 3999 | 14,3' S | 46,1' E | 11,5 | 209 | " | " |
| " | 15:30 | 3977 | 4020 | 16,7' S | 44,2' E | 12,4 | 212 | " | " |
| " | 15:45 | 4084 | 4120 | 19,1' S | 42,2' E | 12,4 | 210 | " | " |
| " | 16:00 | 4201 | 4142 | 21,8' S | 40,2' E | 12,0 | 213 | " | " |
| " | 16:15 | 4185 | 4221 | 36 24 199 S | 17 38,153 E | 12,7 | 216,2 | Hofmann | 4 |
| " | 16:30 | 4192 | 4232 | 36 26' 479 S | 17 35' 930 E | 12,6 | 214 | " | " |
| " | 16:45 | 4224 | 4262 | 36 28' 564 S | 17 38' 857 E | 12,7 | 212,9 | " | " |
| " | 17:00 | 4248 | 4314 | 36 31,4' S | 17 31,8' E | 12,7 | 211 | " | " |
| " | 17:15 | 4270 | 4336 | 36' 33' 790 S | 17 29,848 E | 12,6 | 210,4 | " | " |
| " | 17:30 | 4287 | 4356 | 36' 36' 385 S | 27,744 E | 12,3 | 209,9 | " | " |
| " | 17:45 | 4304 | 4370 | 36' 38' 876 S | 17 25,662 E | 12,7 | 213,2 | " | " |
| " | 18:00 | 4321 | 4392 | 36' 41' 357 S | 17 23,514 E | 13,3 | 213,3 | " | " |
| " | 18:15 | 4336 | 4402 | 36 43' 829 S | 17 21' 427 E | 13,1 | 213,3 | " | " |
| " | 18:30 | 4349 | 4419 | 36 46' 264 S | 17 19' 320 E | 12,8 | 211,1 | " | " |
| " | 18:45 | 4358 | 4426 | 36 48' 854 S | 17 17' 283 E | 13,3 | 211,1 | " | " |
| " | 19:00 | 4374 | 4438 | 36 51' 431 S | 17 15' 217 E | 13,3 | 214,6 | " | " |
| " | 19:15 | 4370 | 4434 | 36 53' 854 S | 17 13' 110 E | 13,0 | 214,0 | " | " |
| " | 19:30 | 4383 | 4452 | 56,3' S | 11,0' E | 12,8 | 213 | Schäfer | " |
| " | 19:45 | 4395 | 4466 | 58,9' S | 08,9' E | 12,7 | 215 | " | " |
| " | 20:00 | 4387 | 4457 | 37° 01,3' S | 06,6' E | 13,0 | 218 | " | " |
| " | 20:15 | 4357 | 4427 | 03,8' S | 04,6' E | 13,1 | 215 | " | " |
| " | 20:30 | 4387 | 4455 | 06,3' S | 02,5' E | 12,8 | 215 | " | " |
| " | 20:45 | 4367 | 4439 | 08,8' S | 00,5' E | 12,4 | 213,5 | " | " |
| " | 21:00 | 4352 | 4423 | 11,1' S | 16° 58,2' E | 12,3 | 218,1 | " | " |
| " | 21:15 | 3473 | 3376 | 13,6' S | 55,9' E | 12,6 | 213,4 | " | " |
| " | 21:30 | 3599 | 3661 | 16,0' S | 54,0' E | 12,3 | 209,1 | " | " |
| " | 21:45 | 4121 | 4280 | 18,5' S | 52,2' E | 11,7 | 211,9 | " | " |

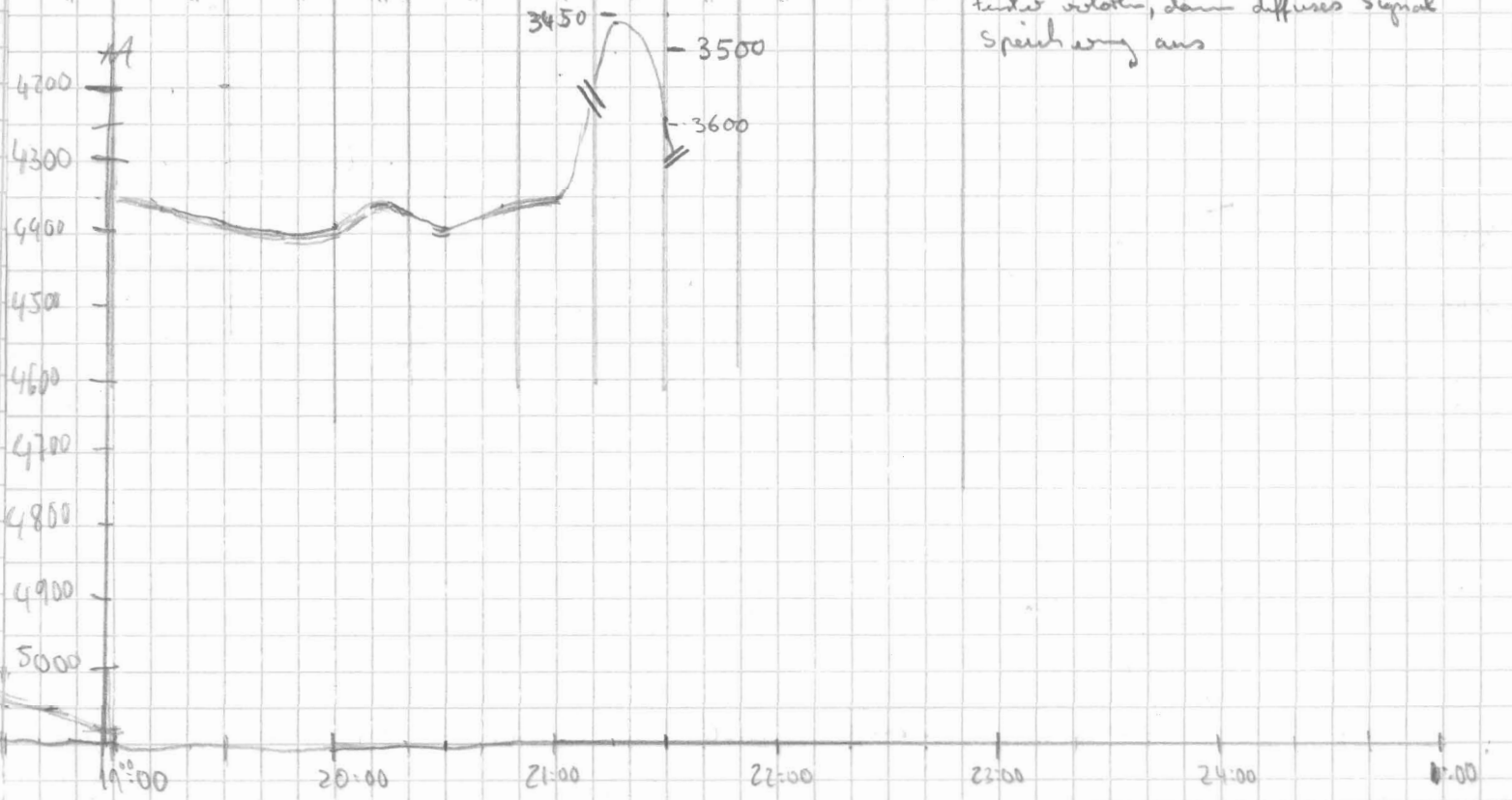


Pds Range Scale Male Time wif R H M Rolle Nr. Magnet Nr. Remarks

| | | | | | | | | | | | |
|---|------|-----|---|-----|-----|---|---|---|---|---|-----------|
| 4 | 5000 | 100 | 4 | 133 | 5.0 | 0 | 3 | 1 | 1 | 1 | (MB 32,8) |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | (MB 41) |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |

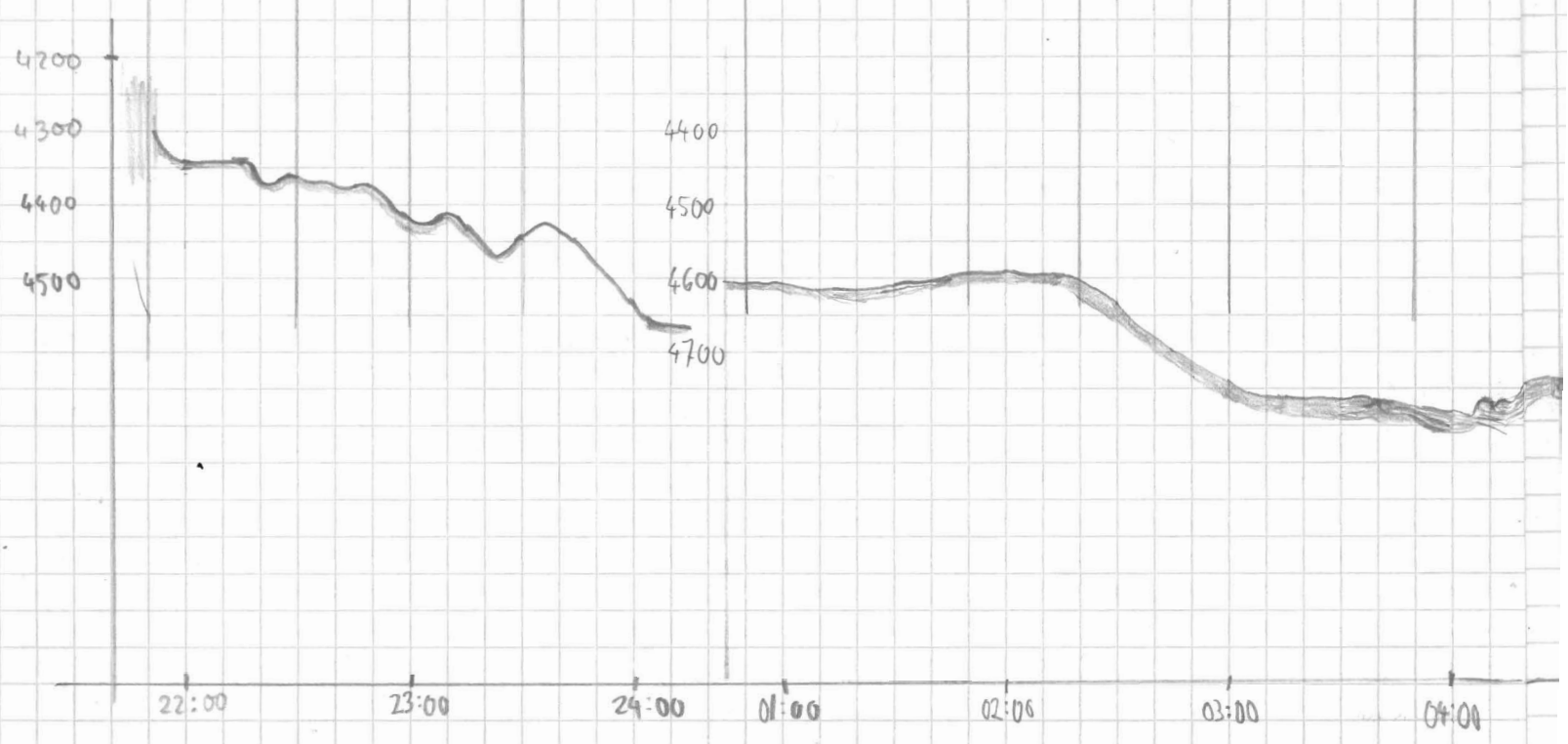
| | | | | | | | | | | | |
|---|------|-----|---|-----|----|---|---|---|---|---|---------|
| 4 | 5000 | 100 | 4 | 133 | " | 0 | 3 | 1 | " | " | |
| " | " | " | " | " | 50 | 0 | 3 | 1 | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | (MB 52) |
| " | " | " | " | " | " | " | " | " | " | " | (MB 55) |
| " | " | " | " | " | " | " | " | " | " | " | (MB 59) |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | (MB 65) |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | (MB 75) |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |

starts Auding in Götände, Reflektos aus Fuder wachen, dann diffuses Signal sprech aus

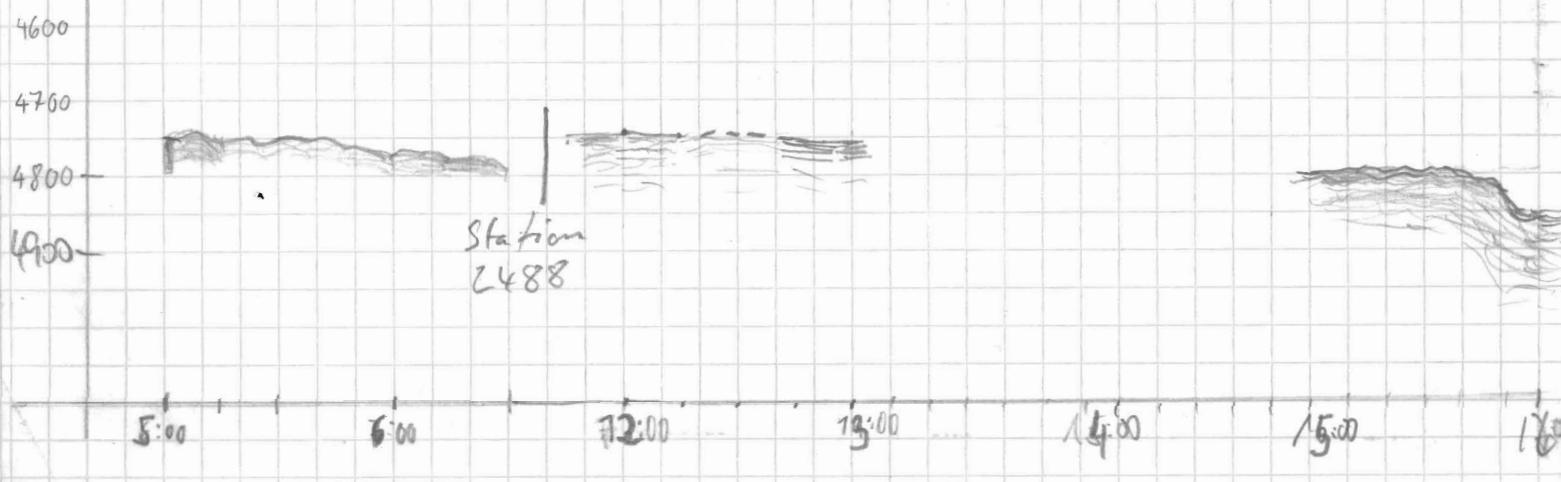


| Date | Time | Depth PS | Depth HS | Lat. | Long. | Speed | Kurs | Wache | Frg. | Pol. |
|----------|-------|----------|----------|-------------|-------------|-------|-------|----------|------|------|
| 13.12.93 | 22:00 | 4349 | 4418 | 37° 21,0' S | 16° 50,0' E | 12,4 | 214,5 | Schlaf | 4 | 4 |
| " | 22:15 | 4345 | 4415 | 23,397' S | 47,794 E | 13,0 | 218,8 | Hermanns | 4 | " |
| " | 22:30 | 4367 | 4436 | 25,585 S | 45,496 E | 12,1 | 208,1 | Hermanns | " | " |
| " | 22:45 | 4374 | 4451 | 27,970 S | 43,726 E | 11,6 | 206,6 | " | " | " |
| " | 23:00 | 4428 | 4506 | 30,146 S | 42,016 E | 11,4 | 209,2 | " | " | " |
| " | 23:15 | 4448 | 4539 | 32,309 S | 40,240 E | 11,7 | 209,6 | " | " | " |
| " | 23:30 | 4446 | 4519 | 34,624 S | 38,399 E | 11,5 | 213,0 | " | " | " |
| " | 23:45 | 4430 | 4559 | 36,765 S | 36,606 E | 11,2 | 213,4 | " | " | " |

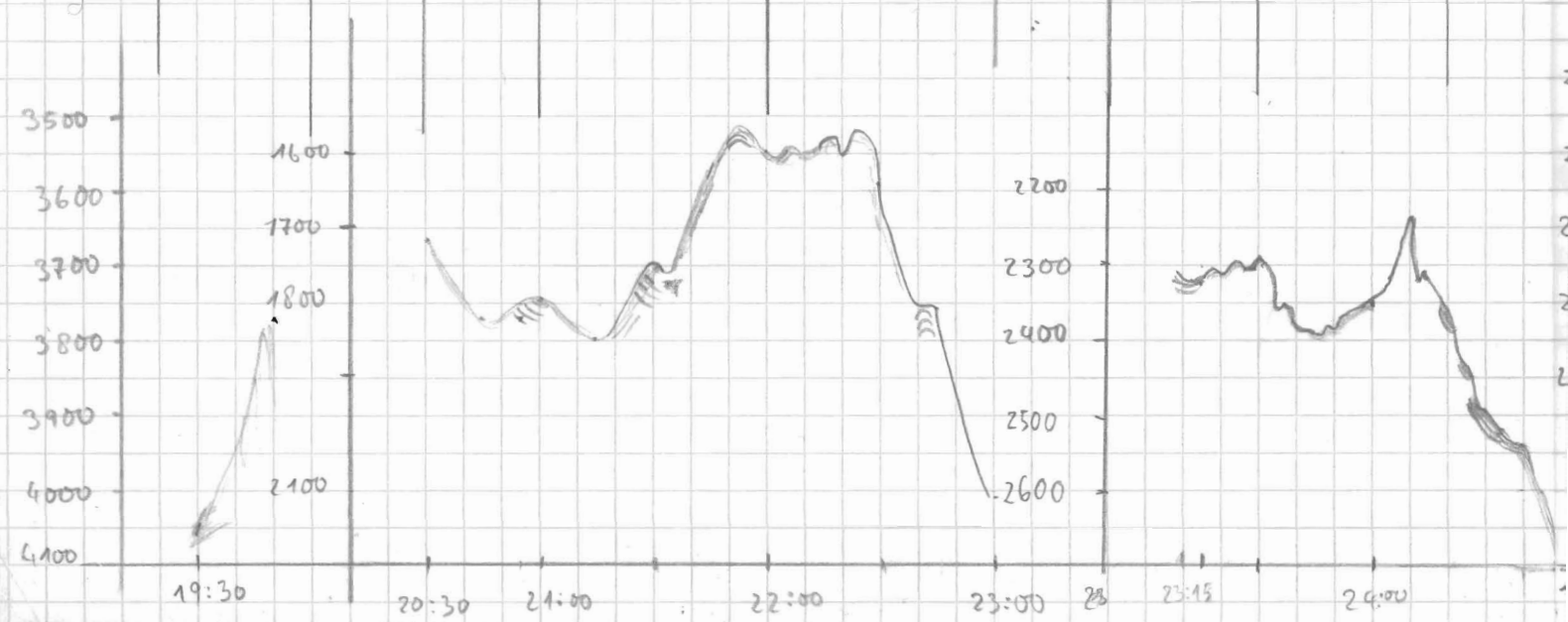
| | | | | | | | | | | |
|----------|-------|------|------|--------------|--------------|------|-------|---|---|---|
| " | 24:00 | 4536 | 4633 | 38,841 S | 34,808 E | 11,3 | 213,1 | " | " | " |
| 14.12.93 | 0:15 | 4573 | 4643 | 41,025 S | 33,153 E | 11,3 | 212,6 | " | " | " |
| " | 0:30 | — | 4664 | 43,301 S | 31,211 E | 11,7 | 217,9 | " | " | " |
| " | 0:45 | 4608 | 4678 | 45,693 S | 28,802 E | 11,7 | 219,5 | " | " | " |
| " | 1:00 | 4617 | 4687 | 47,315 S | 27,224 E | 11,3 | 215,1 | " | " | " |
| " | 1:15 | 4623 | 4693 | 49,477 S | 25,731 E | 12,7 | 211,7 | " | " | " |
| " | 1:30 | 4614 | 4684 | 51,731 S | 23,781 E | 10,6 | 209,9 | " | " | " |
| " | 1:45 | 4604 | 4674 | 53,968 S | 21,957 E | 11,8 | 214,1 | " | " | " |
| " | 2:00 | 4591 | 4659 | 56,304 S | 19,966 E | 11,7 | 214,6 | " | " | " |
| " | 2:15 | 4598 | 4667 | 58,566 S | 18,075 E | 11,9 | 212,2 | " | " | " |
| " | 2:30 | 4639 | 4709 | 38° 00,612 S | 15,916 E | 11,9 | 215,5 | " | " | " |
| " | 2:45 | 4699 | 4775 | 03,240 S | 13,984 E | 12,0 | 215,3 | " | " | " |
| " | 3:00 | 4748 | 4856 | 05,934 S | 11,705 E | 11,9 | 214,3 | " | " | " |
| " | 3:15 | 4763 | 4867 | 07,934 S | 10,001 E | 12,1 | 214,9 | " | " | " |
| " | 3:30 | 4764 | 4866 | 10,248 S | 08,082 E | 12,0 | 214,9 | " | " | " |
| " | 3:45 | 4773 | 4879 | 12,656 S | 06,160 E | 11,9 | 214,3 | " | " | " |
| " | 4:00 | 4782 | 4884 | 15,047 S | 04,298 E | 12,1 | 214,8 | " | " | " |
| " | 4:15 | 4768 | 4877 | 17,304 S | 02,175 E | 12,2 | 220,3 | " | " | " |
| " | 4:30 | 4745 | 4852 | 19,516 S | 00,010 E | 11,3 | 214,8 | " | " | " |
| " | 4:45 | 4752 | 4857 | 38° 21,831 S | 15° 58,136 E | 12,1 | 213,2 | " | " | " |



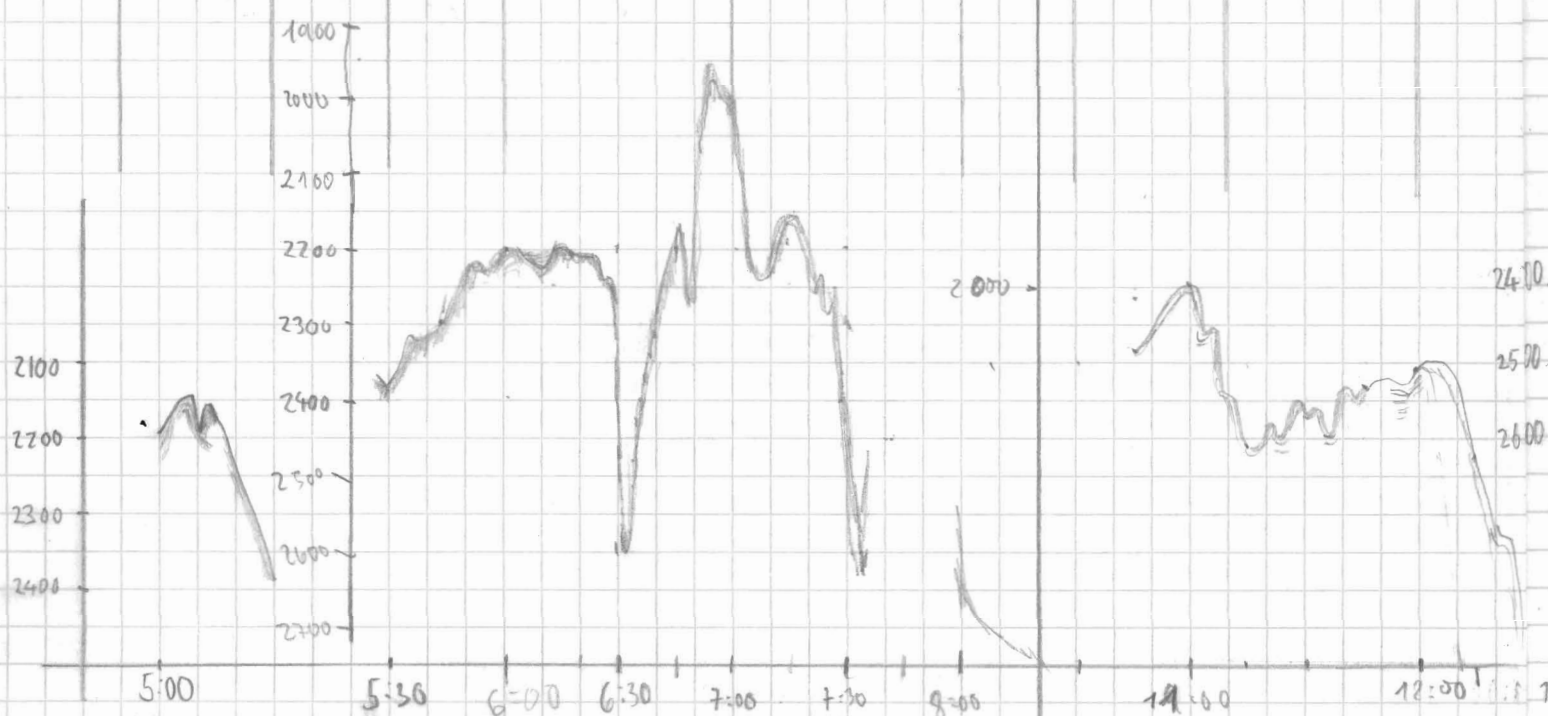
| Date | Time | Depth PS | Depth HS | Lat. | Long. | Speed | Kurs | Vache | Frg. |
|------------|------|----------|----------|-------------|-------------|-------|-------|------------|------|
| 14. 12. 93 | 5:00 | 4,750 | 4855 | 38°24,082 S | 15°56,267 E | 12,1 | 216,0 | Hermanns | 4 |
| " | 5:15 | 4,753 | 4857 | 38°26,384 S | 15°54,182 E | 11,9 | 217,5 | Hofmann | " |
| " | 5:30 | 4,747 | 4850 | 38°28,668 S | 15°52,084 E | 11,7 | 212,8 | " | " |
| " | 5:45 | 4,753 | 4883 | 38°31,077 S | 15°50,217 E | 11,8 | 214,5 | " | " |
| " | 6:00 | 4,751 | 4884 | 38°33,329 S | 15°48,343 E | 9,1 | 216,4 | " | " |
| " | 6:15 | 4,753 | 4884 | 38°24,373 S | 15°47,270 E | 2,6 | 263,0 | " | " |
| " | 6:20 | 4,750 | 4885 | 38°34,305 S | 15°47,276 E | 0,7 | 320,0 | " | " |
| " | 6:30 | 4,252 | 4888 | 38°34,091 S | 15°47,398 | 1,1 | - | " | " |
| " | 7:48 | 4,747 | 4785 | 38°37,647 S | 15°52,320 E | 8,2 | 196,5 | Harloff | 11 |
| " | 7:01 | 4,746 | 4786 | 38°37,619 S | 15°51,596 E | 13,0 | 197,6 | " | " |
| " | 7:15 | 4,748 | 4843 | 38°38,729 S | 15°50,255 E | 13,4 | 205,2 | " | " |
| " | 7:30 | 4,737 | 4898 | 38°39,767 S | 15°48,659 E | 13,5 | 204,3 | " | " |
| " | 7:45 | 4,759 | 4862 | 38°42,679 S | 15°47,157 E | 13,6 | 202,5 | " | " |
| " | 7:00 | 4,760 | 4865 | 38°45,640 S | 15°45,645 E | 13,8 | 205,6 | " | " |
| " | 7:15 | 4,763 | 4870 | 38°48,565 S | 15°44,097 E | 13,6 | 205,0 | Riße | " |
| " | 7:30 | 4,767 | 4872 | 38°51,466 S | 15°42,701 E | 13,5 | 204,2 | " | " |
| " | 7:45 | 4,772 | 4878 | 38°54,384 S | 15°41,374 E | 13,8 | 203,1 | " | " |
| " | 7:10 | 4,777 | 4882 | 38°59,356 S | 15°38,879 E | 13,7 | 202,7 | " | " |
| " | 7:15 | 4,779 | 4887 | 39°00,361 S | 15°38,332 E | 13,6 | 201,9 | " | " |
| " | 7:30 | 4,783 | 4887 | 39°03,369 S | 15°36,488 E | 13,7 | 203,7 | " | " |
| " | 7:45 | 4,791 | 4833 | 39°06,373 S | 15°34,645 E | 13,9 | 203,3 | " | " |
| " | 7:00 | 4,801 | 4845 | 39°09,41 S | 15°32,61 E | 13,6 | 203,8 | N. Seede | " |
| " | 7:15 | 4,804 | 4846 | 39°12,44 S | 15°30,44 E | 14,1 | 206,7 | " | " |
| " | 7:30 | 4,808 | 4851 | 39°15,53 S | 15°28,32 E | 14,2 | 191,7 | " | " |
| " | 7:45 | 4,839 | 4883 | 39°18,86 S | 15°27,24 E | 13,8 | 198,0 | " | " |
| " | 7:00 | 4,844 | 4889 | 39°22,17 S | 15°25,39 E | 14,5 | 198,7 | " | " |
| " | 7:15 | 4,844 | 4903 | 39°25,40 S | 15°24,73 E | 13,9 | 198,9 | " | " |
| " | 7:30 | 4,850 | 4891 | 39°28,67 S | 15°23,48 E | 14,0 | 197,4 | " | " |
| " | 7:45 | 4,818 | 4863 | 39°31,84 S | 15°22,14 E | 13,7 | 201,0 | N. Seede | " |
| " | 7:00 | 4,850 | 4897 | 39°34,92 S | 15°20,47 E | 14,3 | 203,6 | N. Seede | " |
| " | 7:15 | 4,847 | 4892 | 39°38,11 S | 15°18,76 E | 14,3 | 198,6 | A. Hofmann | " |
| " | 7:30 | 4,851 | 4893 | 39°41,34 S | 15°17,37 E | 14,2 | 197,5 | " | " |
| " | 7:45 | 4,845 | 4887 | 39°44,58 S | 15°15,98 E | 13,6 | 196,0 | " | " |
| " | 7:00 | 4,832 | 4875 | 39°47,74 S | 15°14,50 E | 13,9 | 198,6 | " | " |
| " | 7:15 | 4,822 | 4864 | 39°50,92 S | 15°13,00 E | 14,3 | 198,0 | " | " |
| " | 7:30 | 4,785 | 4830 | 39°54,39 S | 15°11,62 E | 13,6 | 198,0 | " | " |
| " | 7:45 | 4,794 | 4837 | 39°57,71 S | 15°10,11 E | 14,0 | 199,0 | " | " |
| " | 7:00 | 4,442 | 4497 | 40°00,91 S | 15°08,51 E | 13,8 | 199,4 | Schuh | " |
| " | 7:15 | 4,277 | 4308 | 40°03,11 S | 15°07,21 E | 13,5 | 197,6 | " | " |



| Date | Time | Depth PS | Depth HS | Lat. | Long. | Speed | Kurs | Wache | Frag |
|----------|-------|----------|----------|-------------|-------------|-------|-------|----------|------|
| 14.12.93 | 19:30 | 4065 | 4070 | 40° 07,2' S | 15° 05,8' E | 14,6 | 198,1 | Schätz | 4 |
| " | 19:45 | | 3284 | 10,4' S | 04,4' E | 14,1 | 197,5 | " | " |
| " | 20:00 | 8025 | 1992 | 13,7' S | 02,9' E | 14,0 | 199,3 | " | " |
| " | 20:15 | | 1756 | 17,0' S | 01,4' E | 14,4 | 199,8 | " | " |
| " | 20:30 | | 1740 | 20,2' S | 14° 59,8' E | 12,8 | 242,3 | " | " |
| " | 20:45 | | 1848 | 21,2' S | 55,7' E | 14,1 | 252,0 | " | " |
| " | 21:00 | ~1795 | 1803 | 22,4' S | 51,8' E | 13,5 | 242,5 | " | " |
| " | 21:15 | ~1850 | 1877 | 23,4' S | 48,2' E | 12,5 | 245,6 | " | " |
| " | 21:30 | ~1750 | 1794 | 24,4' S | 44,7' E | 11,9 | 245,9 | " | " |
| " | 21:45 | ~1820 | 1692 | 25,4' S | 41,2' E | 12,5 | 248,0 | " | " |
| " | 22:00 | ~1600 | 1631 | 26,5' S | 37,6' E | 14,0 | 237,5 | " | " |
| " | 22:15 | ~1610 | 1632 | 28,4' S | 34,0' E | 14,3 | 236,6 | " | " |
| " | 22:30 | ~1640 | 1684 | 30,5' S | 30,1' E | 14,3 | 237,7 | " | " |
| " | 22:45 | ~1810 | 1872 | 32,2' S | 26,6' E | 14,0 | 235,6 | " | " |
| " | 23:00 | 2119 | 2142 | 34,1' S | 23,0' E | 13,7 | 238,5 | " | " |
| " | 23:15 | 2333 | 2354 | 36,0' S | 19,2' E | 14,5 | 235,9 | " | " |
| " | 23:30 | 2292 | 2320 | 37,8' S | 15,3' E | 14,5 | 236,5 | " | " |
| " | 23:45 | 2379 | 2404 | 39,6' S | 11,7' E | 13,5 | 234,1 | Herrmann | " |
| 15.12.93 | 24:00 | 2309 | 2347 | 41,5' S | 08,0' E | 13,3 | 236,0 | " | " |
| " | 00:15 | 2326 | 2365 | 43,3' S | 04,5' E | 13,7 | 236,0 | " | " |
| " | 00:30 | 2497 | 2538 | 45,2' S | 14° 01,0' E | 13,4 | 238,2 | " | " |
| " | 00:45 | 2613 | 2647 | 47,0' S | 13° 57,2' E | 14,2 | 236,7 | " | " |
| " | 1:00 | 2842 | 2879 | 48,8' S | 53,5' E | 14,3 | 235,4 | " | " |
| " | 1:15 | 2553 | 2597 | 50,6' S | 49,9' E | 14,7 | 235,2 | " | " |
| " | 1:30 | 2619 | 2630 | 52,4' S | 46,4' E | 13,8 | 235,8 | " | " |
| " | 1:45 | 2596 | 2594 | 54,2' S | 42,7' E | 14,5 | 236,3 | " | " |
| " | 2:00 | 2623 | 2676 | 56,0' S | 39,1' E | 13,6 | 236,4 | " | " |
| " | 2:15 | 2649 | 2690 | 57,8' S | 35,6' E | 13,5 | 236,1 | " | " |
| " | 2:30 | 2606 | 2654 | 59,6' S | 32,1' E | 13,2 | 235,8 | " | " |
| " | 2:45 | 2563 | 2612 | 41° 01,4' S | 28,4' E | 14,3 | 236,4 | " | " |
| " | 3:00 | 2554 | 2601 | 03,2' S | 24,7' E | 14,0 | 236,9 | " | " |
| " | 3:15 | 2657 | 2696 | 05,1' S | 21,0' E | 14,0 | 237,2 | " | " |
| " | 3:30 | — | 2824 | 06,9' S | 17,3' E | 14,7 | 235,0 | " | " |
| " | 3:45 | 2557 | 2594 | 08,7' S | 13,7' E | 14,3 | 234,6 | " | " |
| " | 4:00 | 2345 | 2383 | 10,6' S | 10,0' E | 15,2 | 276,8 | " | " |
| " | 4:15 | 2171 | 2212 | 12,4' S | 06,2' E | 14,6 | 235,0 | " | " |
| " | 4:30 | 2115 | 2155 | 14,6' S | 02,7' E | 15,1 | 228,9 | " | " |
| " | 4:45 | 2200 | 2248 | 16,8' S | 12° 59,1' E | 14,9 | 229,7 | " | " |

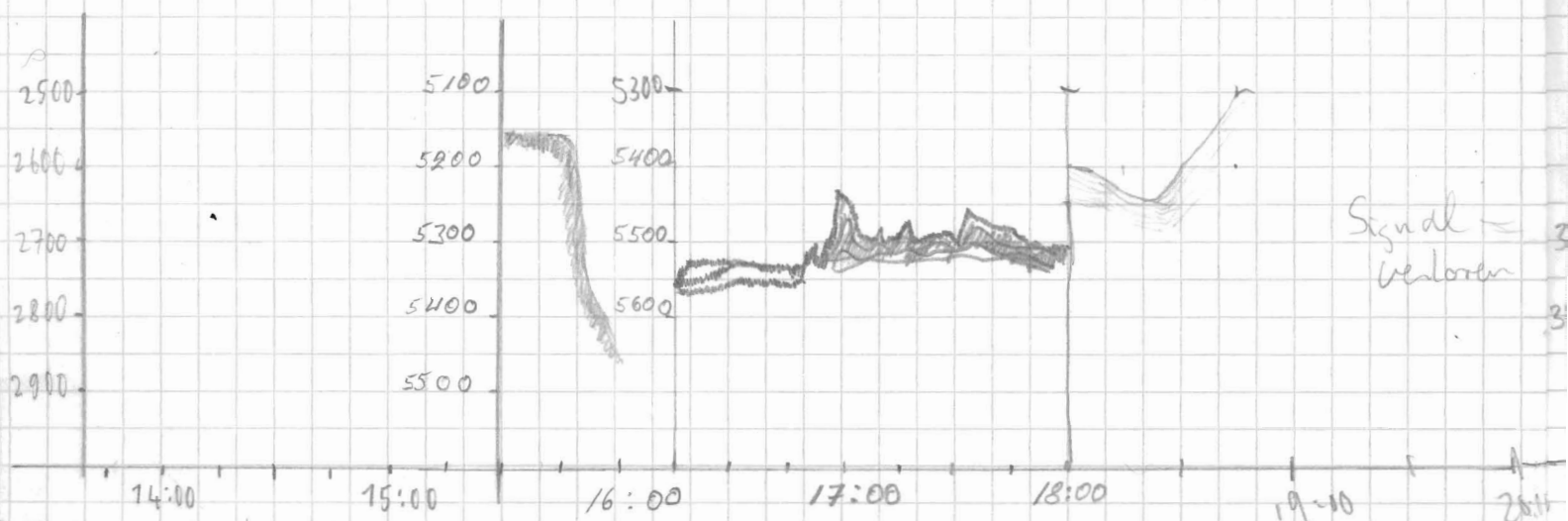


| Date | Time | Depth PJ | Depth HJ | Lat. | Long. | Speed | Kurs | Wache | Frg |
|----------|-------|-------------|-------------|--------------|--------------|-------|--------|----------|-----|
| 15.12.93 | 5:00 | 2187 | 2228 | 41° 19,0' S | 12° 55,6' E | 14,1 | 228,7 | Hermanns | 4 |
| " | 5:15 | 2178 | 2216 | 21,3' S | 52,2' E | 13,7 | 228,1 | " | " |
| " | 5:30 | 2380 | 2420 | 23,50 S | 48,8' E | 14,9 | 229,6 | " | " |
| 15.12.93 | 5:45 | 2341 | 2388 | 41° 25,629 S | 12 45,492 E | 14,4 | 230,4 | Hofmann | " |
| " | 6:00 | 2118 | 2245 | 41° 27,827 S | 12 42,130 E | 13,1 | 230,4 | " | " |
| " | 6:15 | 2213 | 2215 | 41° 30,157 S | 12 38,432 E | 14,1 | 231,3 | " | " |
| " | 6:30 | 2328 | 2388 | 41° 32,439 S | 12 34,891 E | 14,2 | 229,2 | " | " |
| " | 6:45 | 2173 | 2228 | 41° 34,744 S | 12 31,248 E | 14,6 | 230,17 | " | " |
| " | 7:00 | 2017 | 2059 | 41° 36,977 S | 12 27,755 E | 14,3 | 230,1 | " | " |
| " | 7:15 | 2179 | 2216 | 41° 39,274 S | 12 24,206 E | 14,9 | 230,0 | " | " |
| " | 7:30 | 2416 | 2473 | 41° 41,591 S | 12 20,627 E | 14,4 | 229,5 | " | " |
| " | 7:45 | 2511 | 2552 | 41° 43,879 S | 12° 17,157 E | 14,2 | 230,2 | Rinke | " |
| " | 8:00 | 2739 | 2793 | 41° 46,059 S | 12° 13,473 E | 14,2 | 233,0 | Hofmann | " |
| " | 8:15 | 2703 | 3393 | 41 47,810 S | 12 09,322 E | 14,6 | 244,0 | Hofmann | " |
| " | 8:30 | 3015? | 3661 | 41 41,315 S | 12 05,261 E | 14,7 | 243,0 | " | " |
| " | 8:45 | 2847 | 2937 | 41 50,863 S | 12 01,122 E | 14,7 | 243,0 | " | " |
| " | 9:00 | | 2895 | 52,4' S | 11° 56,9' E | 13,9 | 243,1 | Schäfer | " |
| " | 9:15 | | 3034 | 54,0' S | 52,7' E | 14,7 | 243,4 | " | " |
| " | 9:30 | | 2817 | 55,6' S | 48,6' E | 13,3 | 242,8 | " | " |
| " | 9:45 | (2719) | 2689 | 57,1' S | 44,7' E | 14,3 | 243,9 | " | " |
| " | 10:00 | (2717) | 2068 | 58,6' S | 40,7' E | 13,6 | 242,9 | " | " |
| " | 10:15 | | 2243 | 42° 00,2' S | 11° 36,6' E | 14,1 | 242,8 | " | " |
| " | 10:30 | | 2578 | 01,7' S | 32,7' E | 14,4 | 242,6 | " | " |
| " | 10:45 | ~ 2080 | 2057 | 03,3' S | 28,5' E | 13,7 | 243,5 | " | " |
| " | 11:00 | ~ 1990 | 1992 | 04,9' S | 24,5' E | 14,5 | 242,9 | " | " |
| " | 11:15 | ~ 2230 | 2215 | 06,4' S | 20,6' E | 13,8 | 243,4 | " | " |
| " | 11:30 | | | | | | | " | " |
| " | 11:45 | 2136 | 2142 | 09,4' S | 12,7' E | 14,1 | 242,2 | " | " |
| " | 12:00 | 2113 | 2102 | 10,940 S | 09,088 E | 13,7 | 239,3 | Howlett | " |
| " | 12:15 | 2227 | 2210 | 12,693 S | 05,332 E | 12,8 | 238,4 | " | " |
| " | 12:30 | 2496,4 | 2507 | 14,399 S | 01,728 E | 13,4 | 239,1 | " | " |
| " | 12:47 | 2982 | 2995 | 16,349 S | 10° 57,337 E | 14,1 | 238,9 | " | " |
| " | 13:00 | 2704 | 2708 | 17,681 S | 54,494 E | 14,0 | 239,0 | " | " |
| " | 13:15 | 2563 | 2611 | 19,347 S | 50,942 E | 13,7 | 238,0 | " | " |
| " | 13:30 | 2523 | 2555 | 21,065 S | 10° 47,376 E | 13,4 | 236,2 | " | " |
| " | 13:45 | 2685 | 2778 | 22,791 S | 43,899 E | 13,0 | 237,4 | " | " |

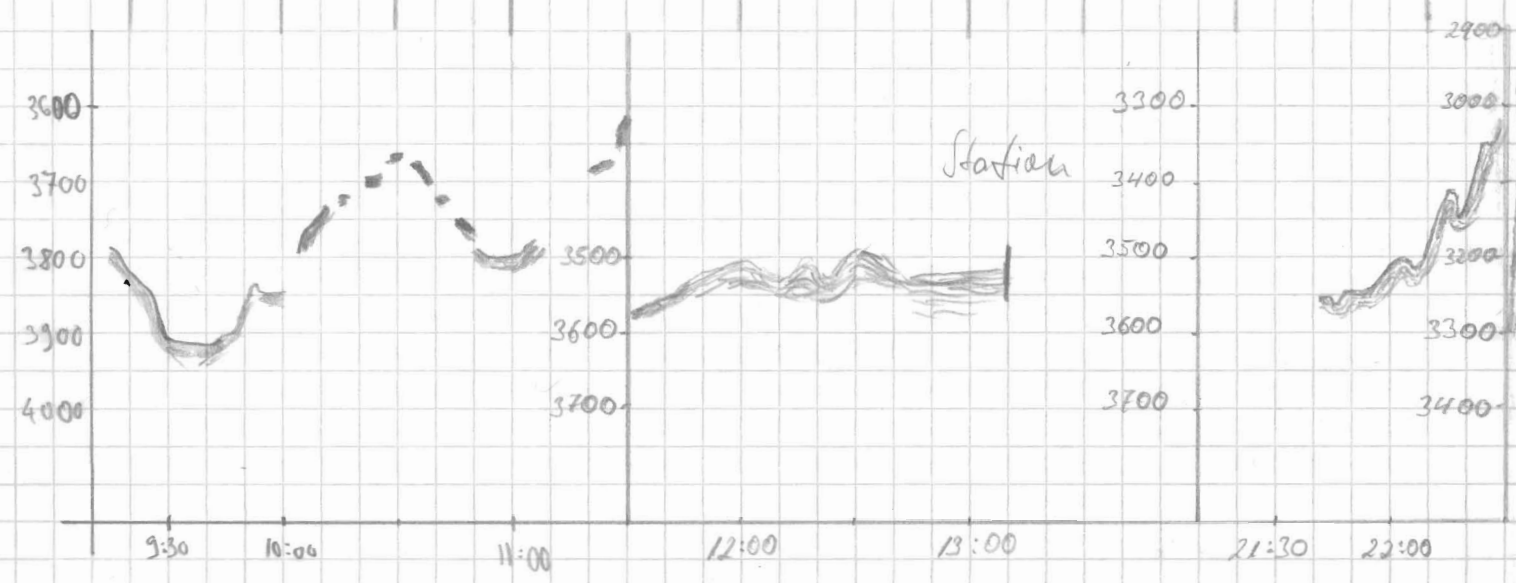


| Date | Time | Depth P ₅ | Depth H ₅ | Sat. | Longy. | Speed | Kms | Waire | Frog. |
|----------|-------|-------------------------|-------------------------|--------------|--------------|-------|-------|---------|-------|
| 15.12.93 | 14:00 | 2900 | 3024 | 42° 24.536 S | 10° 40.460 E | 12,5 | 237,2 | Hardoff | 4 |
| | 14:15 | 2763 | 4454 | 42° 26.180 S | 10° 37.125 E | 11,6 | 235,7 | Penke | " |
| | 14:30 | 4690 | 4753 | 42° 27.847 S | 10° 33.634 E | 13,3 | 235,7 | " | " |
| | 14:45 | 5090 | 4934 | 42° 29.437 S | 10° 30.188 E | 13,3 | 237,8 | " | " |
| | 15:00 | 4451 | 5175 | 42° 31.050 S | 10° 26.650 E | 11,5 | 238,5 | " | " |
| | 15:15 | 4512 | 5162 | 42° 32.681 S | 10° 23.325 E | 12,6 | 234,4 | " | " |
| | 15:30 | 4540 | 5159 | 42° 34.475 S | 10° 19.881 E | 13,0 | 234,6 | " | " |
| | 15:45 | 4546 | 5360 | 42° 36.483 S | 10° 15.686 E | 12,6 | 235,1 | Woddel | " |
| | 16:00 | 5311 | 5456 | 42° 38.068 S | 10° 12.597 E | 13,4 | 230,3 | " | " |
| | 16:15 | 4814 | 5529 | 42° 39.763 S | 10° 09.166 E | 13,4 | 234,5 | " | " |
| | 16:30 | 5415 | 5555 | 42° 41.501 S | 10° 05.706 E | 12,2 | 235,9 | " | " |
| | 16:45 | 5364 | 5483 | 42° 43.297 S | 10° 02.062 E | 12,4 | 235,8 | " | " |
| | 17:00 | 5040 | 5441 | 42° 44.964 S | 9° 58.551 E | 13,3 | 235,8 | " | " |
| | 17:15 | 5350 | 5489 | 42° 46.744 S | 9° 54.913 E | 13,4 | 235,7 | " | " |
| | 17:30 | 5376 | 5482 | 42° 48.522 S | 9° 51.337 E | 12,7 | 237,9 | " | " |
| | 17:45 | 5356 | 5480 | 42° 50.215 S | 9° 47.767 E | 12,2 | 238,3 | " | " |
| | 18:00 | 5397 | 5510 | 42° 51.918 S | 9° 44.222 E | 13,2 | 237,9 | " | " |
| | 18:15 | 5455 | 5531 | 42° 53.627 S | 9° 40.526 E | 14,3 | 237,5 | Hofmann | " |
| | 18:30 | 5388 | 5478 | 42° 53.818 S | 9° 35.819 E | 14,5 | 269,0 | " | " |
| | 18:45 | * 5376 | 42° 53.776 S | 9° 31.499 E | 14,2 | 269,0 | " | " | |
| | 19:00 | * 4800 | 42° 53.739 S | 9° 26.761 E | 13,7 | 271,0 | " | " | |
| | 19:15 | * 3228 | 42° 53.655 S | 9° 22.361 E | 13,7 | 273,0 | " | " | |
| | 19:30 | 2533 | 2574 | 42° 53.524 S | 9° 17.798 E | 14,4 | 274,0 | " | " |
| | 19:45 | 2563* | 2763 | 42° 53.139 S | 9° 13.064 E | 14,2 | 270,8 | " | " |
| | 20:00 | 3016* | 3328 | 42° 53.368 S | 9° 08.356 E | 13,6 | 274,2 | " | " |
| | 20:15 | 2795* | 3865 | 42° 53.218 S | 9° 03.736 E | 14,8 | 273,3 | " | " |
| | 20:30 | 2767* | 3802 | 42° 53.149 S | 8° 59.691 E | 14,1 | 270,1 | " | " |
| | 21:45 | 3767 | 3796 | 42° 53.157 S | 8° 58.865 E | 0,4 | 244,2 | " | " |

| | | | | | | | | | |
|----------|------|------|------|-------------|------------|------|-------|----------|---|
| 16.12.93 | 6:57 | 3762 | 3796 | 42° 53.41 S | 8° 58.52 E | 7,6 | 31,0 | Kulzer | 4 |
| | 7:08 | 3754 | 3794 | 42° 52.8 S | 8° 58.8 E | 7,7 | 286 | " | 4 |
| | 7:57 | 3766 | 3804 | 42° 53.6 S | 8° 59.2 E | 11,1 | 240,5 | " | 4 |
| | 8:15 | 3690 | 3734 | 42° 55.9 S | 8° 52.9 E | 13,8 | 244,8 | Hofmann | 4 |
| | 8:30 | 3728 | 3765 | 57.1 S | 49.0 E | 12,2 | 245,6 | alt | " |
| | 8:45 | 3751 | 3760 | 58.162 S | 45.033 E | 13,1 | 246,0 | Hofmann | " |
| | 9:00 | 3765 | 3840 | 59.6 S | 41.0 E | 14,1 | 238,6 | Hermanns | " |
| " | 9:15 | 3781 | 3870 | 43° 01.3 S | 37.0 E | 14,3 | 239,1 | " | " |

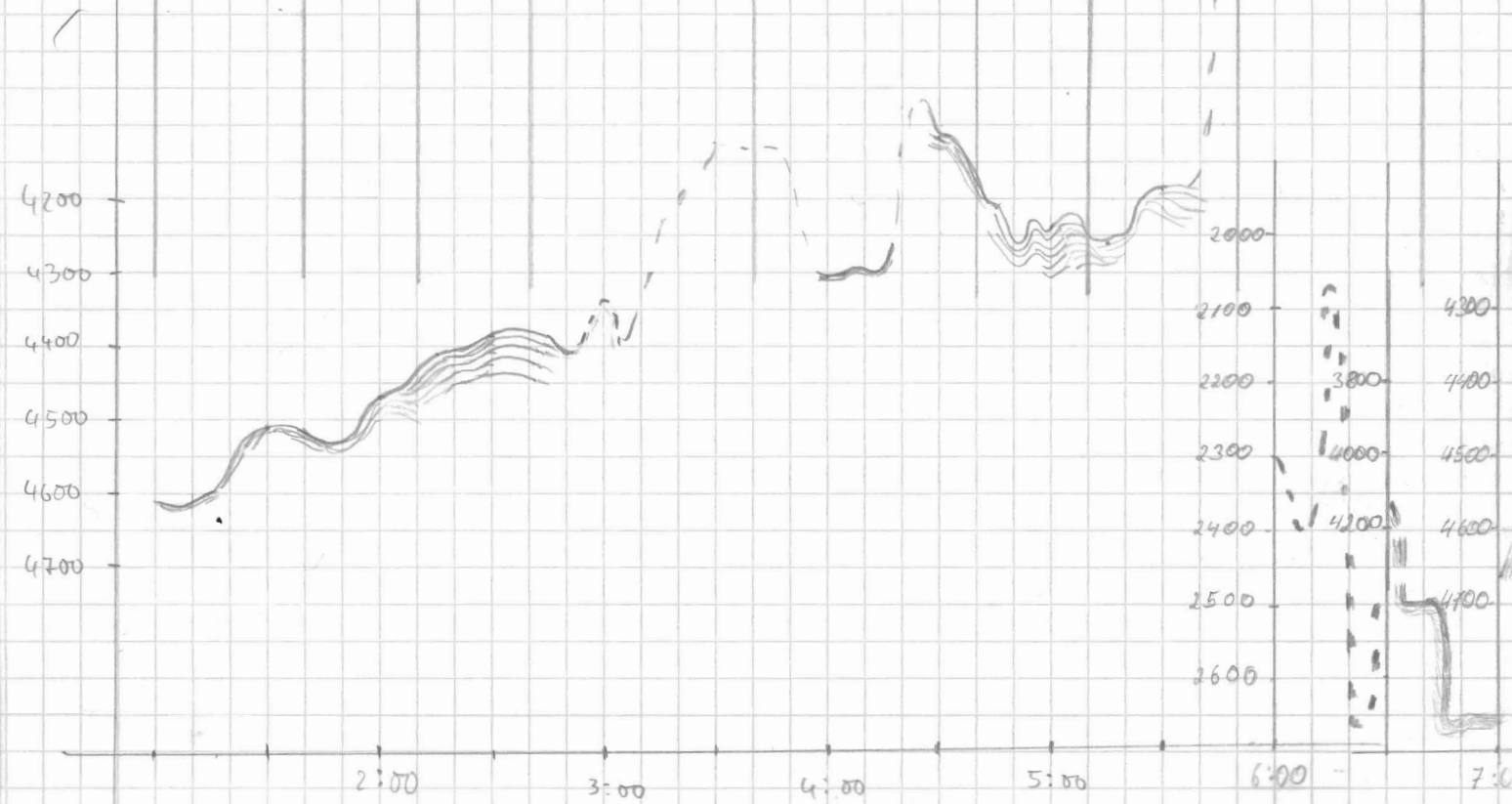


| Date | Time | Depth PS | Depth HS | Lat. | Long. | Speed | Kurs | Wache | Frg |
|----------|-------|-------------|----------|--------------|-------------|-------|--------|----------|-----|
| 16.12.93 | 9:30 | 3921 | 3985 | 43° 02,7' S | 8° 33,3' E | 13,9 | 242,0 | Hermanns | 4 |
| " | 9:45 | 3910 | 3976 | 04,7' S | 29,4' E | 14,2 | 243,5 | " | " |
| " | 10:00 | 3843 | 3908 | 05,7' S | 25,0' E | 13,9 | 242,7 | " | " |
| " | 10:15 | — | 3772 | 07,2' S | 21,4' E | 13,2 | 240,3 | " | " |
| " | 10:30 | 3676 | 3729 | 08,7' S | 17,4' E | 14,1 | 241,5 | " | " |
| " | 10:45 | 3700 | 3756 | 43° 10,292 S | 8° 13,116 E | 12,6 | 243,3 | Wadcl | " |
| " | 11:00 | 3742 | 3801 | 43° 11,587 S | 8° 09,504 E | 12,8 | 243,4 | " | " |
| " | 11:15 | 3576 | 3675 | 43° 13,027 S | 8° 05,522 E | 13,5 | 242,1 | " | " |
| " | 11:30 | 3629 | 3605 | 43° 14,559 S | 8° 01,611 E | 13,1 | 242,7 | " | " |
| " | 11:45 | 3542 | 3534 | 43° 16,192 S | 8° 57,820 E | 13,5 | 244,5 | " | " |
| " | 11:51 | 3518 | 3518 | 43° 16,650 S | 8° 56,383 E | 10,4 | 244,8 | " | " |
| " | 11:53 | 3529 | 3535 | 43° 16,842 S | 7° 55,759 E | 10,9 | 244,8 | " | " |
| " | 12:00 | 3549 | 3540 | 17,471 S | 7° 55,159 E | 10,1 | 152,9 | Hofmann | " |
| " | 12:15 | 3575 | 3570 | 17,35 S | 7° 56,159 E | 14,6 | 360,3 | " | " |
| " | 12:30 | 3429 | 3464 | 43° 17,17 S | 7° 56,159 E | 7,5 | 246,13 | N. Siede | " |
| " | 12:45 | 3405 | 3493 | 43° 17,47 S | 7° 57,16 E | 7,1 | 248,6 | N. Siede | " |
| " | 13:00 | 3541 | 3531 | 43° 16,88 S | 7° 56,21 E | 3,0 | 282 | " | # |
| " | 13:00 | Station auf | | 43° 16,5 S | 7° 56,36 E | — | — | " | " |
| " | 13:50 | 3169 | 3543 | 43° 16,461 | 7° 55,801 E | 8,8 | 32,0 | Wicke | " |
| " | 19:29 | 3575 | 3570 | 43° 15,443 S | 7° 56,930 E | 1,2 | 119,6 | Harloff | " |
| " | 21:05 | 3576 | 3565 | 43° 15,5 S | 7° 56,97 E | 3,6 | 314 | Kuhn | 4 |
| " | 21:40 | 3565 | 3558 | 43° 15,685 S | 7° 57,644 E | 1,1 | 15,5 | Wadcl | 4 |
| " | 21:45 | 3578 | 3569 | 43° 15,488 S | 7° 57,669 E | 4,4 | 264,4 | " | " |
| " | 22:00 | 3528 | 3532 | 43° 17,027 S | 7° 55,101 E | 13,7 | 218,8 | " | " |
| " | 22:15 | 3401 | 3416 | 43° 17,542 S | 7° 52,255 E | 14,0 | 221,3 | " | " |
| " | 22:30 | 3011 | 3001 | 43° 22,133 S | 7° 49,342 E | 13,6 | 221,1 | " | " |
| " | 22:45 | 2904 | 2862 | 43° 24,617 S | 7° 46,376 E | 13,4 | 220,5 | " | " |
| " | 23:00 | 2852 | 2823 | 43° 24,020 S | 7° 43,791 E | 13,7 | 218,4 | " | " |
| " | 23:15 | 2701 | 2677 | 29,5' S | 41,0' E | 13,4 | 218,7 | Hermanns | " |
| " | 23:30 | — | 3174 | 31,8' S | 38,4' E | 13,6 | 218,2 | " | " |
| " | 23:45 | 3818 | 3828 | 34,4' S | 35,4' E | 13,6 | 219,8 | " | " |
| " | 24:00 | 3269 | 3277 | 37,0' S | 32,5' E | 13,4 | 220,7 | " | " |
| 17.12.93 | 00:15 | 3047 | 2997 | 39,4' S | 29,7' E | 13,0 | 219,9 | Schie | " |
| " | 00:30 | — | 3510 | 41,7' S | 27,1' E | 12,0 | 220,0 | " | " |
| " | 00:45 | (3733) | 3982 | 44,1' S | 24,3' E | 13,9 | 220,2 | " | " |
| " | 01:00 | 4209 | 4195 | 46,7' S | 21,3' E | 13,9 | 218,7 | " | " |

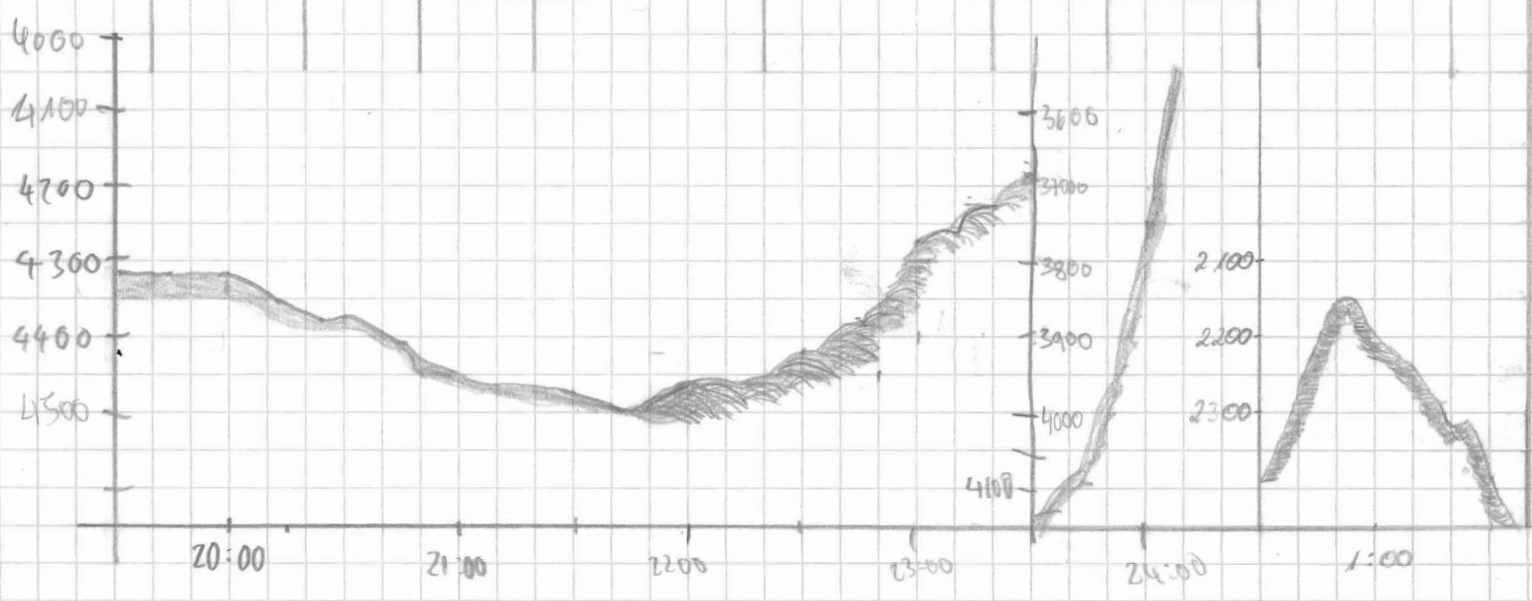


| Date | Time | Depth PS | Depth HS | Lat | Long. | Speed | Kurs | Wache | Frg |
|----------|------|-------------|-------------|-------------|--------------|-------|-------|---------|-----|
| 17.12.93 | 1:15 | 4602 | 4598 | 43°49,2' S | 7°18,5' E | 13,9 | 218,9 | schäfer | 4 |
| | 1:30 | 4510 | 4523 | 51,9' S | 15,5' E | 14,0 | 220,4 | " | " |
| | 1:45 | 4537 | 4544 | 54,4' S | 12,6' E | 13,9 | 219,8 | " | " |
| | 2:00 | 4468 | 4487 | 57,0' S | 09,7' E | 13,9 | 220,0 | " | " |
| | 2:15 | 4414 | 4416 | 59,6' S | 06,7' E | 13,8 | 219,1 | " | " |
| | 2:30 | 4382 | 4395 | 44° 02,1' S | 03,7' E | 14,1 | 220,5 | " | " |
| | 2:45 | 4379 | 4404 | 04,8' S | 00,6' E | 13,9 | 220,1 | " | " |
| | 3:00 | 4334 | 4383 | 07,4' S | 6° 57,5' E | 13,7 | 219,3 | " | " |
| | 3:15 | 4233? | 4219 | 10,0' S | 54,6' E | 13,7 | 218,3 | " | " |
| | 3:30 | 4122? | 4112 | 12,6' S | 51,6' E | 14,0 | 219,6 | " | " |
| | 3:45 | 4129 | 4162 | 15,2' S | 48,6' E | 13,7 | 219,4 | " | " |
| | 4:00 | 4304 | 4296 | 17,7' S | 45,7' E | 13,7 | 217,9 | " | " |
| | 4:15 | 4291 | 4291 | 20,4' S | 42,7' E | 14,2 | 217,6 | " | " |
| | 4:30 | 4120 | 4130 | 22,9' S | 39,7' E | 14,1 | 219,0 | " | " |
| | 4:45 | 4220 | 4232 | 25,6' S | 36,7' E | 14,1 | 219,8 | " | " |
| | 5:00 | 4247 | 4255 | 28,1' S | 33,7' E | 14,5 | 220,9 | " | " |
| | 5:15 | 4263 | 4268 | 30,7' S | 30,5' E | 14,0 | 218,9 | " | " |
| | 5:30 | 4188 | 4195 | 33,4' S | 27,4' E | 15,2 | 218,8 | " | " |
| | 5:45 | 3835 | 3844 | 36,3' S | 24,1' E | 15,0 | 218,5 | " | " |
| | 6:00 | 2370 | 2298 | 39,041' S | 21,142' E | 13,6 | 217,9 | Wadel | " |
| | 6:15 | 2994 | 3117 | 41,446' S | 18,618' E | 13,5 | 217,3 | " | " |
| | 6:30 | 3684 | 4236 | 43,833' S | 15,691' E | 13,4 | 222,4 | " | " |
| | 6:45 | 4461 | 4476 | 46,115' S | 12,736' E | 13,6 | 219,6 | " | " |
| | 7:00 | 4669 | 4685 | 48,622' S | 09,764' E | 13,4 | 218,2 | " | " |
| | 7:15 | 4567 | 4582 | 51,154' S | 06,901' E | 13,5 | 218,3 | " | " |
| | 7:30 | 4471 | 4488 | 53,581' S | 04,104' E | 13,8 | 219,0 | " | " |
| | 7:45 | 4368 | 4378 | 56,075' S | 01,231' E | 13,6 | 220,1 | " | " |
| | 8:00 | 4303 | 4312 | 58,921' S | 5° 59,000' E | 4,5 | 275,1 | " | " |
| | 8:08 | 4321 | 4328 | 57,383' S | 58,469' E | 1,9 | 315,4 | " | " |
| | 8:20 | 4323 | 4334 | 57,323' S | 58,426' E | 0,9 | 141, | " | 5.5 |

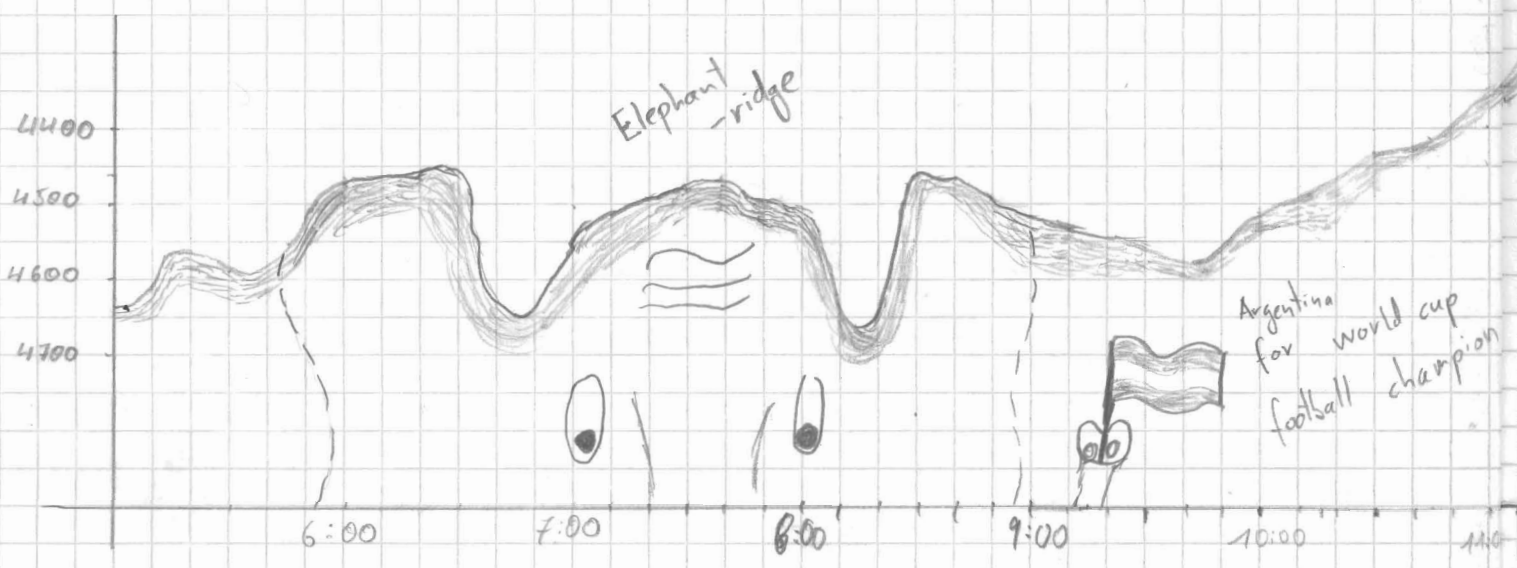
18:55 4313 4322 44° 57,604 S 5° 58,668 E 4,5 286,0 Hermanns 4



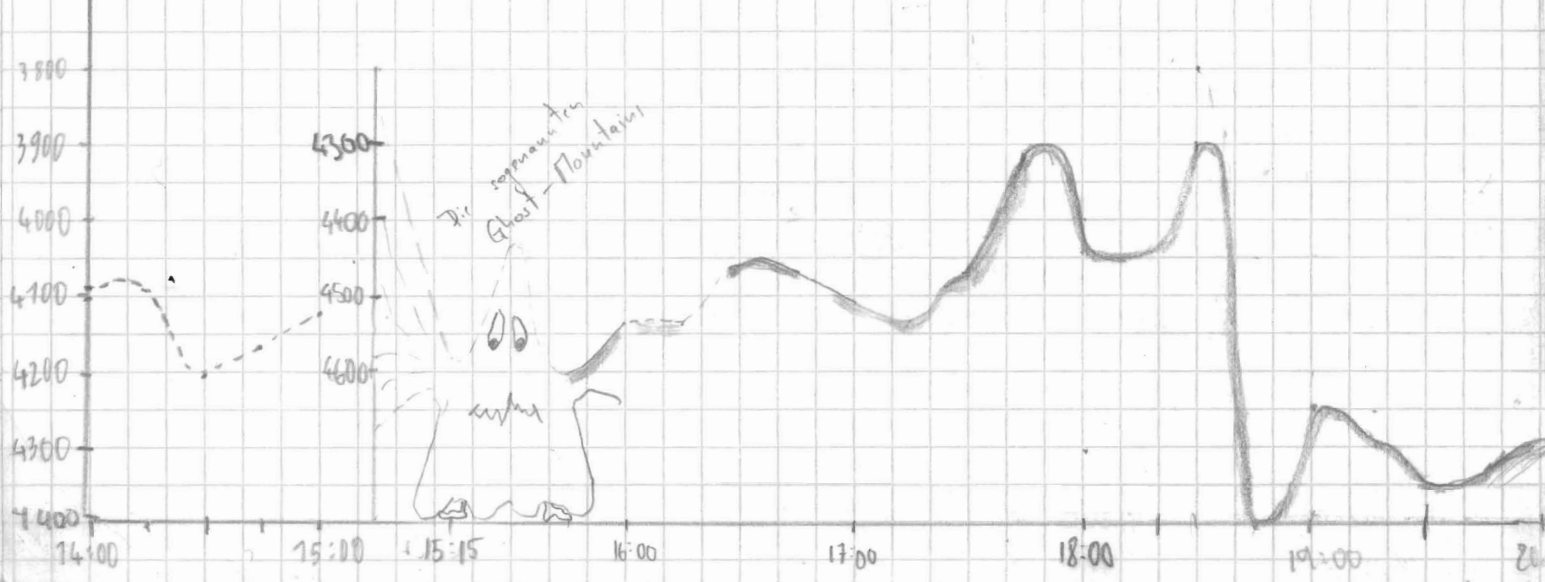
| Date | Time | Depth PS | Depth HS | Lat | Long | Speed | Kurs | Wahr | Frg |
|----------|-------|----------|----------|-------------|------------|-------|-------|----------|-----|
| 17.12.93 | 19:45 | 4328 | 4326 | 44° 57,7' S | 5° 57,9' E | 10,9 | 285,3 | Hermanns | 4 |
| " | 20:00 | 4358 | 4357 | 56,2' S | 53,1' E | 14,7 | 285,2 | " | " |
| " | 20:15 | 4378 | 4384 | 55,3' S | 41,2' E | 15,1 | 286,0 | " | " |
| " | 20:30 | 4372 | 4396 | 54,4' S | 43,2' E | 14,7 | 281,6 | " | " |
| " | 20:45 | 4415 | 4414 | 53,6' S | 38,4' E | 14,8 | 281,6 | " | " |
| " | 21:00 | 4452 | 4451 | 52,79' S | 33,2' E | 14,9 | 283,6 | Hofmann | " |
| " | 21:15 | 4476 | 4479 | 51,88' S | 28,5' E | 15,1 | 281,0 | " | " |
| " | 21:30 | 4475 | 4488 | 51,02' S | 23,52' E | 15,4 | 282,3 | " | " |
| " | 21:45 | 4494 | 4495 | 50,16' S | 18,41' E | 15,4 | 283,7 | " | " |
| " | 22:00 | 4515 | 4517 | 49,35' S | 13,47' E | 15,4 | 285,0 | " | " |
| " | 22:15 | 4433 | 4433 | 48,44' S | 08,45' E | 14,6 | 284,7 | " | " |
| " | 22:30 | 4371 | 4368 | 47,54' S | 5,03' E | 15,3 | 284,1 | " | " |
| " | 22:45 | 4316 | 4316 | 46,64' S | 4,56' E | 15,3 | 281,8 | " | " |
| " | 23:00 | 4280 | 4279 | 45,88' S | 3,86' E | 15,2 | 284,1 | " | " |
| " | 23:15 | 4227 | 4226 | 44,44' S | 4,48' E | 15,4 | 283,1 | " | " |
| " | 23:30 | 4185 | 4176 | 44,03' S | 4,36' E | 15,0 | 282,3 | " | " |
| " | 23:45 | 3744 | 3822 | 43,25' S | 4,38' E | 15,2 | 283,0 | " | " |
| 18.12.93 | 24:00 | 3372 | 3350 | 42,37' S | 4,33' E | 15,3 | 284,0 | " | " |
| " | 0:15 | 2339 | 2673 | 44,41' S | 4,69' E | 15,3 | 283,9 | Wadel | " |
| " | 0:30 | 2421 | 2396 | 40,64' S | 23,92' E | 15,1 | 283,6 | " | " |
| " | 0:45 | 2211 | 2195 | 39,78' S | 18,98' E | 14,8 | 283,9 | " | " |
| " | 1:00 | 2199 | 2176 | 38,95' S | 14,14' E | 14,9 | 284,2 | " | " |
| " | 1:15 | 2305 | 2281 | 38,05' S | 08,96' E | 15,1 | 283,3 | " | " |
| " | 1:30 | 2354 | 2325 | 37,25' S | 04,27' E | 14,8 | 282,1 | " | " |
| " | 1:45 | 2702 | 2744 | 36,41' S | 3,59' E | 14,9 | 285,4 | " | " |
| " | 2:00 | 2342 | 3357 | 35,45' S | 54,24' E | 14,7 | 284,2 | " | " |
| " | 2:15 | 2941 | 3058 | 34,58' S | 49,44' E | 14,9 | 283,8 | " | " |
| " | 2:30 | 4141 | 4931 | 33,71' S | 44,40' E | 14,7 | 284,1 | " | " |
| " | 2:45 | 4442 | 5175 | 32,65' S | 38,31' E | 14,8 | 284,9 | " | " |
| " | 3:00 | 4443 | 5166 | 31,92' S | 34,64' E | 15,1 | 283,9 | " | " |
| " | 3:15 | 4440 | 5153 | 31,10' S | 29,41' E | 14,6 | 284,4 | " | " |
| " | 3:30 | 4439 | 5107 | 30,32' S | 24,91' E | 14,7 | 283,5 | " | " |
| " | 3:45 | 4440 | 4999 | 29,49' S | 20,04' E | 14,7 | 284,6 | " | " |
| " | 4:00 | 4139 | 4945 | 28,65' S | 15,31' E | 14,8 | 282,8 | " | " |
| " | 4:15 | 4140 | 4875 | 27,80' S | 10,37' E | 14,9 | 283,8 | " | " |
| " | 4:30 | 4144 | 4799 | 26,95' S | 05,60' E | 14,5 | 283,7 | " | " |
| " | 4:45 | 4043 | 4703 | 26,07' S | 00,76' E | 14,8 | 283,7 | " | " |



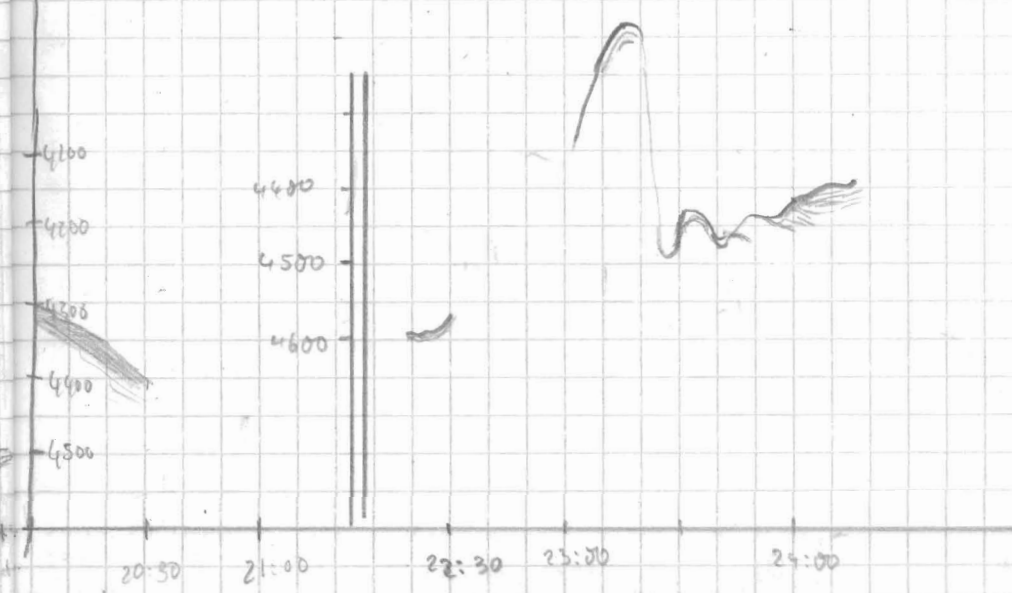
| Date | Time | Depth PS | Depth HS | Lat | Long | Speed | Scars | Wacha | Tag |
|----------|-------|----------|----------|-------------|------------|-------|-------|----------|-----|
| 18.12.98 | 5:00 | 4688 | 4684 | 44°25.183 S | 2°55.415 E | 14.9 | 284.1 | Wadel | 4 |
| " | 5:15 | 4624 | 4627 | 44°24.254 S | 2°51.000 E | 14.8 | 283.0 | " | " |
| " | 5:30 | 4578 | 4587 | 23.399 S | 46.160 E | 14.9 | 282.7 | " | " |
| " | 5:45 | 4552 | 4550 | 22.589 S | 41.188 E | 15.1 | 281.5 | " | " |
| " | 6:00 | 4466 | 4469 | 21.771 S | 36.409 E | 15.1 | 283.9 | " | " |
| " | 6:15 | 4455 | 4464 | 44°20.92 S | 2°31.58 E | 15.0 | 281 | N. Suede | " |
| " | 6:30 | 4463 | 4485 | 44°20.24 S | 2°26.73 E | 14.1 | 280.7 | N. Suede | " |
| " | 6:45 | 3840 | 4634 | 44.19.58 S | 2°21.81 E | 14.0 | 285 | N. Suede | " |
| " | 7:00 | 4562 | 4576 | 44°18.67 S | 2°17.09 E | 14.0 | 286 | N. Suede | " |
| " | 7:15 | 3947 | 4540 | 44°17.66 S | 2°12.38 E | 14.0 | 288 | N. Suede | " |
| " | 7:30 | 3936 | 4478 | 44°16.34 S | 2°07.63 E | 14.7 | 2894 | N. Suede | " |
| " | 7:45 | 4403 | 4406 | 44°15.91 S | 2°02.92 E | 14.4 | 281 | N. Suede | " |
| " | 8:00 | 3846 | 4493 | 44°15.26 S | 1°58.77 E | 12.8 | 282 | " | " |
| " | 8:15 | 3844 | 4701 | 44°14.55 S | 1°54.31 E | 13.5 | 283 | " | " |
| " | 8:30 | 3539 | 4726 | 44°13.77 S | 1°49.57 E | 12.4 | 285 | N. Suede | " |
| " | 8:45 | 4448 | 4461 | 13.02 S | 45.48 E | 12.1 | 285 | N. Suede | " |
| " | 9:00 | 4520 | 4522 | 12.28 S | 41.87 E | 9.0 | 280.7 | N. Suede | " |
| " | 9:15 | 4525 | 4531 | 44°11.7 S | 1°38.7 E | 9.2 | 284.4 | C. Didie | " |
| " | 9:30 | 4548 | 4551 | 11.2 S | 1°35.7 E | 9.6 | 280.8 | " | " |
| " | 9:45 | 4582 | 4586 | 10.7 S | 32.8 E | 9.3 | 283.2 | " | " |
| " | 10:00 | 4518 | 4530 | 10.2 S | 29.9 E | 9.6 | 286.5 | " | " |
| " | 10:15 | 4474 | 4473 | 09.7 S | 27.2 E | 9.6 | 284.3 | " | " |
| " | 10:30 | 4432 | 4435 | 09.2 S | 24.3 E | 8.5 | 285.1 | " | " |
| " | 10:45 | 4429 | 4430 | 08.8 S | 21.7 E | 7.2 | 278.3 | " | " |
| " | 11:00 | 4362 | 4356 | 08.3 S | 19.1 E | 8.0 | 288.5 | " | " |
| " | 11:15 | 4273 | 4270 | 07.9 S | 16.6 E | 7.9 | 279.7 | " | " |
| " | 11:30 | 4220 | 4220 | 07.3 S | 14.2 E | 7.8 | 287.0 | " | " |
| " | 11:45 | 4202 | 4197 | 06.9 S | 12.0 E | 6.7 | 278.3 | " | " |
| " | 12:00 | 4189 | 4181 | 44°06.7 S | 1°10.1 E | 2.9 | 261.9 | " | " |
| " | 12:15 | 4134 | 4128 | 06.582 S | 08.935 E | 3.5 | 288.7 | Harloff | " |
| " | 12:30 | 4107 | 4100 | 06.477 S | 07.845 E | 6.1 | 294.0 | " | " |
| " | 12:45 | 4097 | 4095 | 06.161 S | 07.005 E | 3.2 | 303.3 | " | " |
| " | 13:00 | 4088 | 4089 | 05.970 S | 06.154 E | 3.5 | 306.7 | " | " |
| " | 13:15 | 4093 | 4084 | 05.621 S | 05.199 E | 4.0 | 299.4 | " | " |
| " | 13:30 | 4115 | 4108 | 05.944 S | 03.830 E | 7.8 | 225.0 | " | " |
| " | 13:45 | 4197 | 4202 | 07.397 S | 02.173 E | 7.8 | 224.3 | " | " |
| " | 14:00 | 4092 | 4123 | 08.830 S | 00.550 E | 7.3 | 218.2 | " | " |



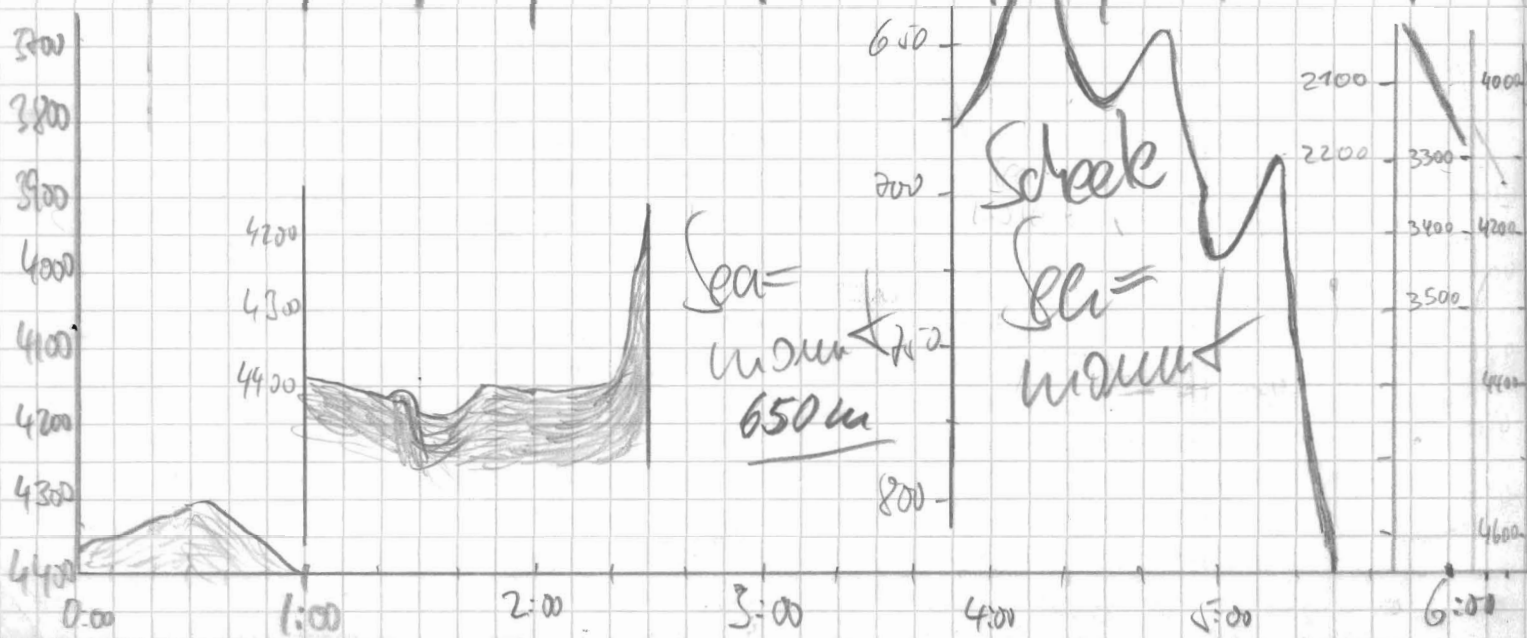
| Rate | Time | Depth fms | Depth MS | Sat. | Song. | Speed | Kurs | Warte | Freq. |
|----------|-------|--------------|-------------|-------------|------------|-------|-------|---------|-------|
| 18.12.93 | 14:15 | 4094 | 4081 | 44°09.674 S | 0°58.935 E | 3,9 | 282,6 | Harloff | 4 |
| " | 14:30 | 4205 | 4248 | 09.347 S | 57.805 E | 3,8 | 288,9 | " | " |
| " | 14:46 | 4161 | 4180 | 09.142 S | 56.642 E | 4,2 | 287,3 | " | " |
| " | 15:00 | 4128 | 4130 | 08.855 S | 55.624 E | 4,3 | 283,0 | " | " |
| " | 15:15 | 4576 | 4500 | 08,6 S | 54,6 E | 5,3 | 286,0 | Hermann | " |
| " | 15:30 | — | 4467 | 08,4 S | 53,4 E | 4,1 | 284,4 | " | " |
| " | 15:45 | 4602 | 4600 | 08,0 S | 52,1 E | 4,8 | 290,0 | " | " |
| " | 16:00 | 4540 | 4530 | 07,7 S | 50,8 E | 4,1 | 291,9 | " | " |
| " | 16:15 | 4541 | 4481 | 07,3 S | 49,5 E | 4,9 | 295,2 | " | " |
| " | 16:30 | 4451 | 4399 | 06,9 S | 48,2 E | 3,3 | 280,2 | " | " |
| " | 16:45 | 4452 | 4431 | 06,7 S | 47,1 E | 4,1 | 288,5 | " | " |
| " | 17:00 | 4502 | 4515 | 06,4 S | 45,8 E | 3,7 | 292,9 | " | " |
| " | 17:15 | 4524 | 4522 | 06,1 S | 44,6 E | 4,1 | 293,7 | " | " |
| " | 17:30 | 4439 | 4442 | 05,8 S | 43,1 E | 5,7 | 293,4 | " | " |
| " | 17:45 | 4325 | 4325 | 05,4 S | 41,7 E | 5,6 | 291,0 | " | " |
| " | 18:00 | 4138 | 4153 | 44°05.7 S | 0°40.32 E | 5,2 | 290,0 | " | " |
| " | 18:15 | 4123 | 4130 | 44°04.7 S | 0°38.94 E | 4,9 | 293,0 | Hofmann | " |
| " | 18:30 | 3896 | 4350 | 44°04.3 S | 0°37.33 E | 6,2 | 291,0 | " | " |
| " | 18:45 | 4407 | 4408 | 44°03.89 S | 0°35.67 E | 6,1 | 294,6 | " | " |
| " | 19:00 | 4244 | 4269 | 44°03.51 S | 0°34.23 E | 4,6 | 289,0 | " | " |
| " | 19:15 | 4252 | 4258 | 44°03.07 S | 0°32.58 E | 6,5 | 293,0 | " | " |
| " | 19:30 | 4294 | 4294 | 44°02.59 S | 0°30.84 E | 6,3 | 298,0 | " | " |
| " | 19:45 | 4278 | 4283 | 44°01.83 S | 0°28.23 E | 8,7 | 293,9 | " | " |
| " | 20:00 | 4316 | 4324 | 44°01.19 S | 0°26.06 E | 8,7 | 296,4 | " | " |
| " | 20:15 | 4363 | 4375 | 44°00.02 S | 0°23.46 E | 9,9 | 292,4 | " | " |
| " | 20:30 | 4414 | 4419 | 43°59.63 S | 0°20.94 E | 8,3 | 293,4 | " | " |
| " | 20:45 | 4396 | 4395 | 43°58.75 S | 0°18.30 E | 8,3 | 295,4 | " | " |
| " | 21:00 | 4375 | 4330 | 43°57.96 S | 0°15.59 E | 7,4 | 292,0 | " | " |
| " | 21:15 | (2641) | 4373 | 57,2 S | 0°13,1 | 9,3 | 295,2 | Schäfer | " |
| " | 21:30 | 4456 | 4481 | 56,3 S | 10,4 E | 7,7 | 293,2 | " | " |
| " | 21:45 | 4515 | 4593 | 55,6 S | 07,7 E | 7,9 | 288,5 | " | " |
| " | 22:00 | — | 4471 | 55,0 S | 04,7 E | 9,4 | 284,5 | " | " |
| " | 22:15 | 4529 | 4608 | 54,5 S | 01,7 E | 10,0 | 283,7 | " | " |
| " | 22:30 | 4573 | 4575 | 54,0 S | 0°01,1 W | 8,3 | 282,6 | " | " |
| " | 22:45 | — | 4508 | 53,5 S | 04,1 W | 8,6 | 284,0 | " | " |
| " | 23:00 | — | 4329 | 52,9 S | 07,2 W | 9,9 | 282,8 | " | " |
| " | 23:15 | 4167 | 4176 | 52,4 S | 10,2 W | 9,4 | 283,1 | " | " |
| " | 23:30 | 4460 | 4465 | 52,0 S | 13,0 W | 8,2 | 281,3 | " | " |
| " | 23:45 | 4463 | 4467 | 51,4 S | 15,9 W | 8,1 | 285,7 | " | " |
| " | 00:00 | 4427 | 4423 | 50,8 S | 19,1 W | 9,1 | 284,6 | " | " |
| " | 00:15 | 4395 | 4397 | 50,3 S | 21,9 W | 9,9 | 283,7 | " | " |



| Rols | Range | Scale | Mode | Time | WT | R | H | M | Rolls Nr. | Maple. Nr. | Remarks |
|------|-------|-------|------|------|----|---|---|---|-----------|------------|---|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 3 | 4 | Reflektor sehr undeutlich Signal wegen Steigung veranlasst |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | Gibt mir mein Signal zurück! |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | Die Erlöserin naht! |
| " | " | " | " | " | " | " | " | " | 4 | 5 | Wechsel Tape 4 zu 5, + |
| " | " | 100 | " | 133 | " | " | " | " | " | " | Wechsel Papier 3 zu 4 |
| " | " | 100 | " | 133 | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | 100 | " | 133 | " | " | " | " | " | " | |
| " | " | 200 | " | 266 | " | " | " | " | " | " | |
| " | " | 100 | " | 133 | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | 1000 | " | " | " | " | " | " | " | " | kein Signal |
| " | " | 100 | " | " | " | " | " | " | " | " | Reflektor wieder fin und schiß! |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | schon seit Minuten gutes Bild! Wow! |
| " | " | " | " | " | " | " | " | " | " | " | Was mal |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | ab jetzt kein Grund mehr zur Relaxen |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |

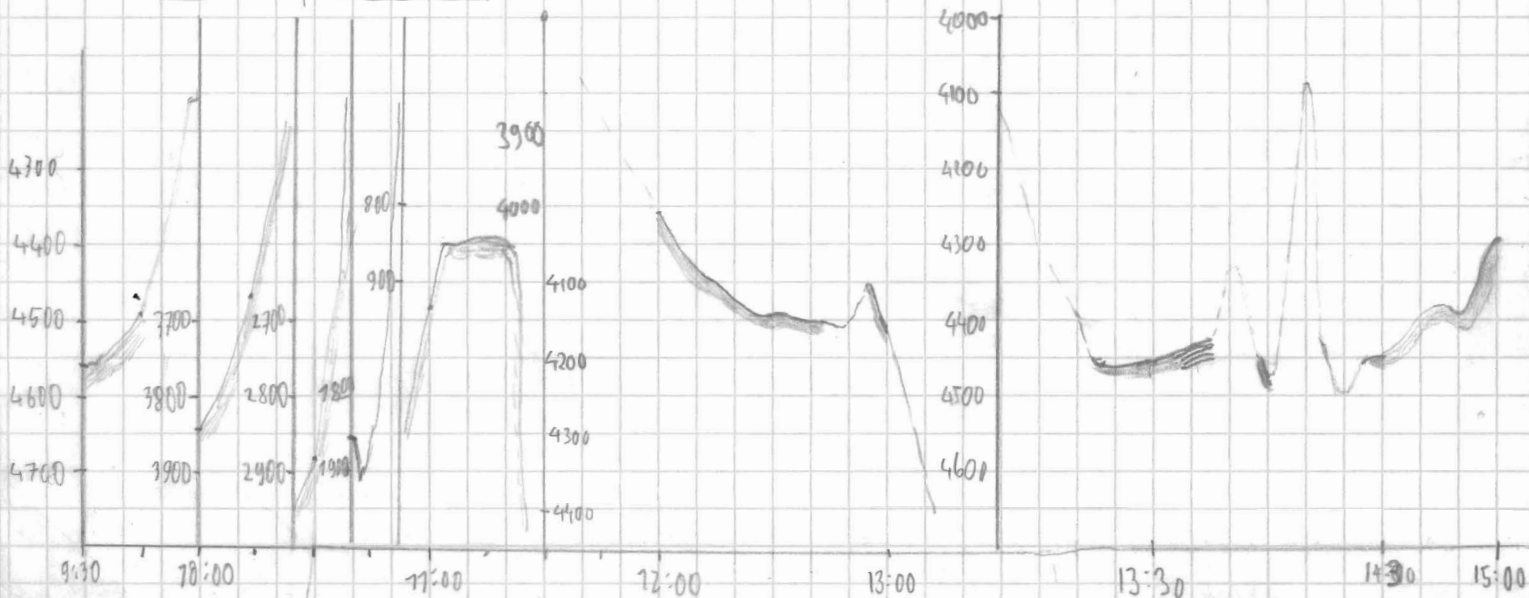


| Date | Time | Depth P.F. | Depth H.S. | Latitude | Longitude | Speed kts | Wave | Sea |
|--------|------|---------------|---------------|-------------|------------|--------------|-------|-----------|
| 18.12 | 0:30 | 4342 | 4343 | 43° 49.76 | 0° 24.94W | 9.8 | 284 | N. Sneeke |
| 19.12. | 0:45 | 4370 | 4371 | 49.18 | 27.79W | 9.5 | 290 | N. Sneeke |
| 19.12. | 1:00 | 4410 | 4416 | 48.63 S | 30.83W | 9.0 | 284 | N. Sneeke |
| " | 1:15 | 4402 | 4403 | 48.11 S | 33.25W | 8.7 | 283 | N. Sneeke |
| " | 1:30 | 4437 | 4440 | 47.56 S | 36.99 | 10.3 | 282 | N. Sneeke |
| " | 1:45 | 4416 | 4408 | 47.02 S | 40.34W | 10.4 | 282 | N. Sneeke |
| " | 2:00 | 4406 | 4406 | 46.51 S | 43.45W | 10.4 | 282 | N. Sneeke |
| " | 2:15 | 4363 | 4357 | 45.84 S | 46.90W | 9.4 | 284 | N. Sneeke |
| " | 2:30 | 3991 | 3952 | 45.22 S | 50.05W | 10.3 | 286 | N. Sneeke |
| " | 2:45 | 3585 | 3557 | 44.66 S | 53.62W | 10.3 | 283 | N. Sneeke |
| " | 3:00 | 3100 | 3126 | 44.04 S | 56.83W | 10.5 | 284 | N. Sneeke |
| " | 3:15 | 2590 | 2546 | 43.46 S | 59.74W | 9.4 | 284 | N. Sneeke |
| " | 3:30 | 1240 | 1244 | 42.24 S | 1° 02.59 W | 10.2 | 279 | N. Sneeke |
| " | 3:45 | 794 | 779 | 42.52 S | 05.58W | 9.8 | 283 | N. Sneeke |
| " | 4:00 | 660 | 647 | 41.94 S | 08.81W | 10.1 | 282 | N. Sneeke |
| " | 4:15 | 589 | 526 | 41.42 S | 11.98W | 9.3 | 283 | N. Sneeke |
| " | 4:30 | 662 | 642 | 40.98 S | 15.19W | 10.2 | 282 | N. Sneeke |
| " | 4:45 | 642 | 622 | 40.61 S | 18.34W | 9.3 | 288 | N. Sneeke |
| " | 4:00 | 719 | 707 | 39.70 S | 21.33W | 9.4 | 285 | N. Sneeke |
| " | 5:15 | 687 | 672 | 39.05 S | 24.50W | 10.4 | 283 | N. Sneeke |
| " | 5:30 | 842 | 831 | 38.49 S | 27.72W | 9.8 | 282 | N. Sneeke |
| " | 5:45 | 850 | 1105 | 37.94 S | 30.98W | 10.1 | 282 | N. Sneeke |
| " | 6:00 | 2135 | 2152 | 43° 37.40 S | 1° 34.18 W | 9.9 | 280 | C. Didié |
| " | 6:15 | 3337 | 3310 | 36.81 S | 37.33W | 10.5 | 280 | " |
| " | 6:30 | 4042 | 4020 | 36.32 S | 40.63W | 10.0 | 285.8 | " |
| " | 6:45 | 3554 | 4399 | 35.64 S | 43.94W | 9.5 | 284 | " |
| " | 7:00 | 4601 | 4604 | 35.00 S | 47.13W | 10.6 | 282.8 | " |
| " | 7:15 | 4645 | 4648 | 34.48 S | 50.38W | 10.3 | 282.4 | " |
| " | 7:35 | 4681 | 4685 | 33.68 S | 55.05W | 10.3 | 281.7 | " |
| " | 7:45 | 4689 | 4694 | 33.31 S | 57.22W | 10.3 | 282.9 | " |
| " | 8:00 | 4697 | 4703 | 32.7 S | 2° 00.51 W | 10.5 | 282.1 | Schiff |
| " | 8:15 | 4692 | 4694 | 32.19 S | 2° 03.79W | 10.5 | 281.2 | C. Didié |
| " | 8:30 | 4645 | 4659 | 31.69 S | 07.18W | 10.8 | 281.1 | " |
| " | 8:45 | 4619 | 4621 | 31.05 S | 10.60W | 10.1 | 285.1 | " |
| " | 9:00 | 4612 | 4615 | 43° 30.44 S | 2° 13.94W | 9.8 | 284.1 | " |
| " | 9:15 | 4585 | 4587 | 29.81 S | 17.337W | 10.4 | 285.8 | Harloff |
| " | 9:30 | 4565 | 4569 | 29.209 S | 20.636W | 10.8 | 283.3 | " |

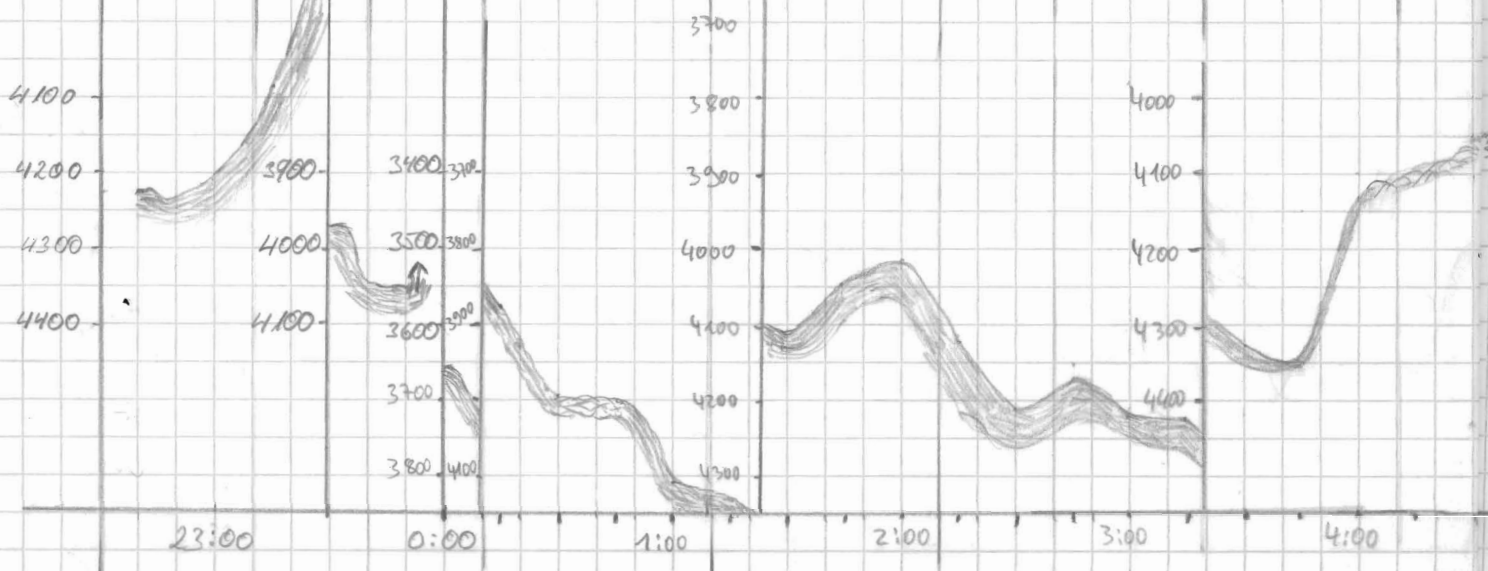


| Date | Time | Depth PS | Depth HS | Latitude | Longitude | Speed | Kurs | Wache | Frq. |
|----------|-------|----------|----------|--------------|-------------|-------|-------|----------|------|
| 19.12.93 | 9:45 | 4490 | 4442 | 43° 28,554 S | 2° 24,042 W | 10,5 | 282,5 | Harloff | 4 |
| " | 10:00 | 3842 | 3838 | 27,344 S | 27,364 W | 10,9 | 283,5 | " | " |
| " | 10:15 | 3667 | 3636 | 27,356 S | 30,788 W | 10,6 | 284,3 | " | " |
| " | 10:20 | | | | | | | | |
| " | 10:30 | 2871 | 2861 | 26,747 S | 34,089 W | 9,7 | 286,2 | " | " |
| " | 10:45 | 1867 | 1841 | 26,187 S | 37,704 W | 11,1 | 280,2 | " | " |
| " | 11:00 | — | 934 | 25,557 S | 41,163 W | 11,2 | 286,9 | " | " |
| " | 11:10 | | | | | | | | |
| " | 11:13 | | | | | | | | |
| " | 11:15 | 826 | 812 | 24,907 S | 44,497 W | 10,9 | 284,5 | " | " |
| " | 11:30 | 21500 | 1692 | 24,177 S | 48,013 W | 11,1 | 286,0 | " | " |
| " | 11:45 | 3116 | 2928 | 23,636 S | 51,341 W | 10,0 | 282,0 | " | " |
| " | 12:00 | 4014 | 3982 | 23,109 S | 54,789 W | 10,7 | 284,0 | " | " |
| " | 12:15 | 4100 | 4092 | 22,5 S | 58,5 V | 11,3 | 288,8 | Hermanns | " |
| " | 12:36 | 4477 | 4493 | 21,8 S | 3° 01,8 W | 11,0 | 285,5 | " | " |
| " | 12:45 | 4152 | 4145 | 21,2 S | 05,4 W | 11,0 | 286,3 | " | " |
| " | 13:00 | 4166 | 4173 | 20,7 S | 08,5 V | 11,0 | 287,3 | " | " |
| " | 13:15 | 4466 | 4460 | 20,1 S | 12,1 V | 10,5 | 285,0 | " | " |
| " | 13:30 | 4461 | 4461 | 19,5 S | 15,4 W | 9,6 | 284,7 | " | " |
| " | 13:45 | 4425 | 4425 | 18,8 S | 18,7 V | 10,4 | 284,2 | " | " |
| " | 14:00 | 4484 | 4481 | 18,2 S | 22,106 V | 10,7 | 283,5 | " | " |
| " | 14:15 | 4431 | 4466 | 17,7 S | 25,4 V | 11,4 | 285,1 | " | " |
| " | 14:30 | 4450 | 4439 | 17,1 S | 28,8 W | 11,2 | 284,0 | " | " |
| " | 14:45 | 4374 | 4350 | 16,5 S | 32,3 W | 11,5 | 286,0 | Hermanns | " |
| 19.12.93 | 15:00 | 4295 | 4294 | 43° 15,883 S | 3° 35,582 W | 9,8 | 285,3 | Hermanns | " |
| " | 15:15 | 4453 | 4443 | 43° 15,296 S | 3° 38,816 W | 10,2 | 285,6 | Hofmann | " |
| " | 15:30 | 4435 | 4429 | 43° 14,596 S | 3° 41,96 W | 10,0 | 285,9 | " | " |
| " | 15:45 | 4445 | 4443 | 43° 14,057 S | 3° 45,10 W | 10,8 | 281,7 | " | " |
| " | 16:00 | 4238 | 4231 | 43° 13,633 S | 3° 48,26 W | 10,5 | 283,3 | " | " |
| " | 16:15 | 4383 | 4383 | 42° 13,061 S | 3° 51,45 W | 10,0 | 285,0 | " | " |
| " | 16:30 | 4471 | 4473 | 43° 12,394 S | 3° 54,62 W | 10,2 | 284,0 | " | " |
| " | 16:45 | 4168 | 4176 | 43° 11,736 S | 3° 57,83 W | 10,1 | 282,0 | " | " |
| " | 17:00 | 4185 | | 43° 11,191 S | 4° 01,12 W | 10,2 | 281,2 | " | " |
| " | 17:15 | 4239 | 4225 | 43° 10,627 S | 4° 04,231 W | 9,2 | 284,2 | " | " |
| " | 17:30 | 4124 | 4120 | 43° 10,026 S | 4° 07,468 W | 10,0 | 284,0 | " | " |
| " | 17:45 | 42 | 4239 | 43° 10,389 S | 4° 05,266 W | 12,9 | 290,0 | " | " |
| " | 18:00 | 4221 | 4213 | 10,76 S | 3,84 W | 0,7 | 291,6 | Kulm | 5,5 |

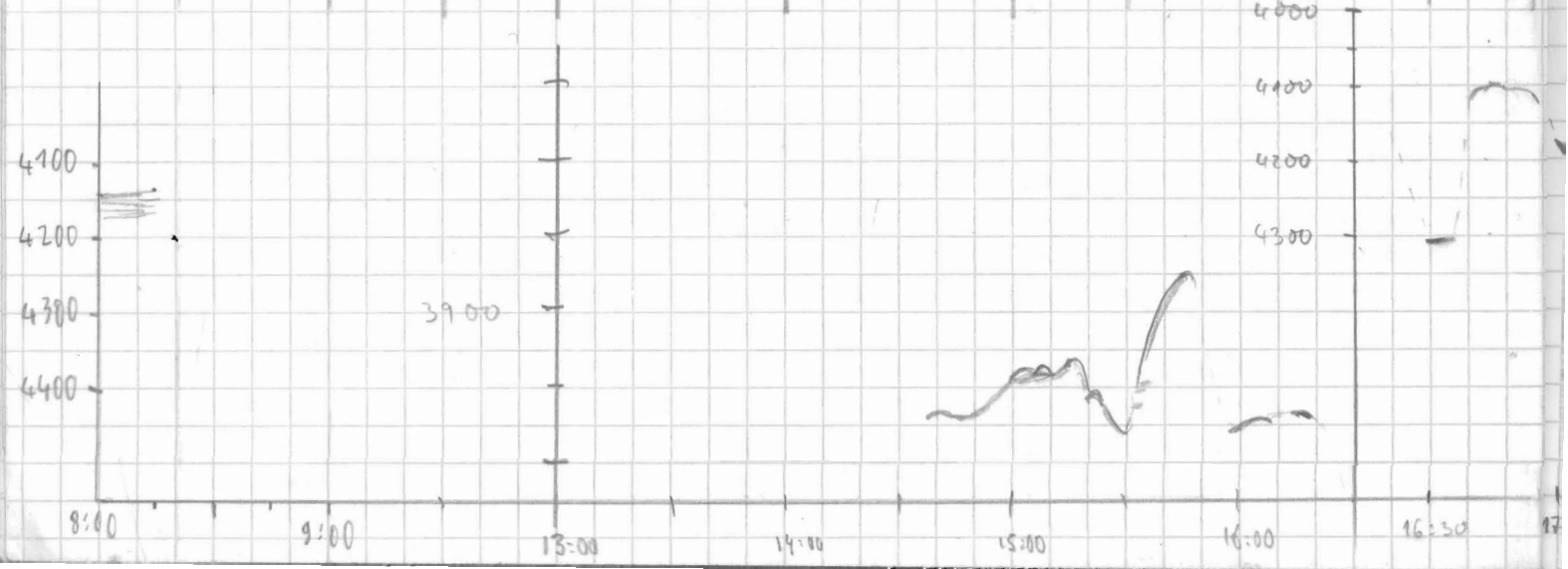
the cut profil mountains



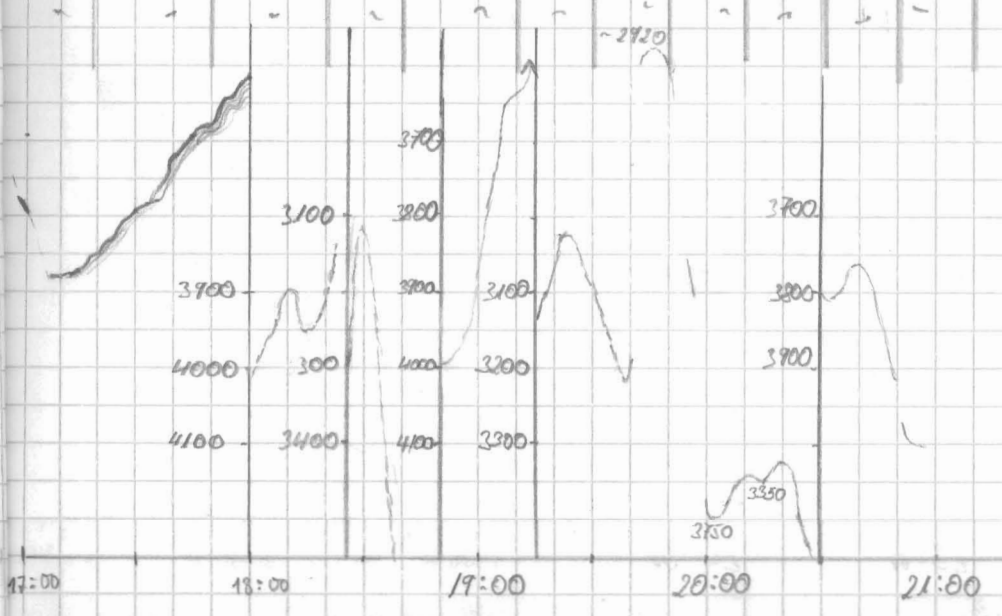
| Date | Time | Depth PS | Depth #5 | Lat. | Long. | Speed | Kurs | Wache | Frog |
|----------|-------|----------|----------|-------------|------------|-------|-------|---------------|------|
| 19.12.93 | 22:40 | 4225 | 4213 | 43°10,556 S | 4°03,585 W | 0,3 | 281,3 | Wadel | 4 |
| " | 22:45 | 4236 | 4226 | 43°10,440 S | 4°03,982 W | 6,2 | 283,4 | " | " |
| " | 23:00 | 4217 | 4153 | 43°10,001 S | 4°07,028 W | 10,7 | 279,7 | " | " |
| " | 23:15 | 3614 | 4082 | 43°09,407 S | 4°10,874 W | 10,0 | 280,4 | " | " |
| " | 23:30 | 4052 | 4040 | 43°08,895 S | 4°13,726 W | 11,0 | 284,6 | " | " |
| " | 23:45 | 4052 | 4023 | 43°08,293 S | 4°16,919 W | 9,7 | 291,0 | " | " |
| 20.12.93 | 0:00 | 3718 | 3760 | 43°07,733 S | 4°20,402 W | 10,8 | 294,4 | " | " |
| " | 0:15 | 3875 | 3792 | 07.12 S | 23.62 W | 11,2 | 282,2 | C. Side | " |
| " | 0:30 | 3994 | 3984 | 06.53 S | 26.96 W | 10,8 | 282,9 | " | " |
| " | 0:45 | 3254 | 3907 | 05.96 S | 30.23 W | 10,4 | 284,3 | " | " |
| " | 1:00 | 4117 | 4105 | 05.38 S | 33.54 W | 10,5 | 284,9 | " | " |
| " | 1:15 | 4130 | 4128 | 04.77 S | 36.91 W | 10,5 | 283,5 | " | " |
| " | 1:30 | 4105 | 4098 | 04.19 S | 40.26 W | 10,4 | 284,9 | " | " |
| " | 1:45 | 4049 | 4038 | 03.58 S | 43.57 W | 11,0 | 284,1 | " | " |
| " | 2:00 | 4016 | 4017 | 02.97 S | 46.88 W | 10,3 | 284,2 | " | " |
| " | 2:15 | 4129 | 4129 | 02.34 S | 50.18 W | 10,1 | 282,5 | " | " |
| " | 2:30 | 4214 | 4205 | 01.90 S | 53.36 W | 10,7 | 283,1 | " | " |
| " | 2:45 | 4168 | 4177 | 01.22 S | 56.55 W | 10,0 | 284,4 | " | " |
| " | 3:00 | 4222 | 4234 | 00.63 S | 59.98 W | 11,0 | 282,8 | " | " |
| " | 3:15 | 4227 | 4235 | 00.04 S | 5°03.31 W | 10,5 | 284,1 | " | " |
| " | 3:30 | 4440 | 4337 | 42°59.45 S | 5°06.71 W | 8,2 | 284,8 | " | " |
| " | 3:45 | 4348 | 4377 | 58.92 S | 09.81 W | 10,8 | 278,4 | " | " |
| " | 4:00 | 4134 | 4138 | 58.50 S | 13.29 W | 11,2 | 279,7 | " | " |
| " | 4:15 | 4109 | 4082 | 58.21 S | 16.63 W | 10,2 | 278,2 | " | " |
| " | 4:30 | 3915 | 4051 | 57.88 S | 20.01 W | 10,2 | 277,7 | " | " |
| " | 4:45 | 4153 | 4048 | 57.75 S | 23.41 W | 10,5 | 274,6 | " | " |
| " | 5:00 | 3911 | 4042 | 57.51 S | 26.66 W | 10,5 | 276,6 | " | " |
| " | 5:15 | 4133 | 4050 | 57.13 S | 30.01 W | 9,8 | 278,8 | " | " |
| " | 5:30 | 4152 | 4163 | 56.76 S | 33.07 W | 10,1 | 280,5 | " | " |
| " | 5:45 | 4305 | 4318 | 56.32 S | 36.36 W | 9,4 | 284,4 | " | " |
| " | 6:00 | 4297 | 4298 | 42°55.926 S | 5°39.467 W | 9,6 | 278,4 | Harloff/Padis | " |
| " | 6:15 | 4284 | 4315 | 55.532 S | 42.707 W | 10,5 | 277,4 | " | " |
| " | 6:30 | 4377 | 4390 | 55.198 S | 46.056 W | 10,6 | 281,0 | " | " |
| " | 6:45 | - | 4165 | 54.805 S | 49.405 W | 10,3 | 280,3 | " | " |
| " | 7:00 | 3981 | 4015 | 54.384 S | 52.611 W | 9,8 | 280,8 | " | " |
| " | 7:21 | 4205 | 4216 | 53.674 S | 56.951 W | 9,8 | 285,6 | " | " |
| " | 7:30 | 4187 | 4198 | 53.2 S | 58,8 W | 10,2 | 286,3 | " | " |
| " | 7:40 | 4150 | 4151 | 52.748 S | 6°01,00 W | 6,3 | 277,8 | " | " |



| Date | Time | Repts PS | Repts HS | Latitude | Longitude | Speed | Kurs | Wavle | Eng. |
|----------|-------|-------------|-------------|--------------|-------------|-------|-------|------------|------|
| 20.12.93 | 7:45 | 4135 | 4148 | 42° 52.824 S | 6° 01.143 W | 1,6 | 261,1 | Harloff | 5,5 |
| " | 8:00 | 4140 | 4155 | 52,952 S | 01,138 W | 0,8 | 195,7 | " | " |
| " | 8:16 | 4136 | 4151 | 53,079 S | 01,181 W | 0,5 | 166,9 | " | " |
| " | 8:30 | 4137 | 4151 | 53,104 S | 01,242 W | 0,7 | 246,8 | " | " |
| " | 8:45 | 4067 | 4153 | 53,128 S | 01,328 W | 0,4 | 202,4 | " | " |
| " | 9:00 | - | 4159 | 53,122 S | 01,412 W | 1,1 | 298,6 | " | " |
| " | 12:00 | 4175 | 4184 | 42° 54,08 S | 6° 01,501 W | 0,6 | 124,7 | Kulm | 4 |
| " | 13:00 | 4116 | 4126 | 42° 54,09 S | 6° 02,858 W | 10,3 | 287,1 | Hofmannst. | 4 |
| " | 13:15 | 357 | 3945 | 42° 53,23 S | 6° 06,685 W | 12,1 | 287,1 | " | 2 |
| " | 13:30 | 4359 | 4372 | 42° 52,502 S | 6° 10,597 W | 11,7 | 283,5 | " | 2 |
| " | 13:45 | 4172 | 4186 | 42° 51,884 S | 6° 14,535 W | 12,3 | 282,3 | " | 2 |
| " | 14:00 | 4219 | 4232 | 42° 51,230 S | 6° 18,601 W | 12,4 | 287,4 | " | 2 |
| " | 14:15 | 4203 | 4211 | 42° 50,382 S | 6° 22,587 W | 13,4 | 286,8 | Rade | 2 |
| " | 14:30 | 4183 | 4198 | 42° 49,494 S | 6° 26,635 W | 13,0 | 286,3 | " | 2 |
| " | 14:45 | 4195 | 4090 | 42° 48,649 S | 6° 30,617 W | 12,6 | 285,0 | " | 2 |
| " | 15:00 | 3984 | 3991 | 42° 47,954 S | 6° 34,721 | 11,7 | 281,5 | " | 2 |
| " | 15:15 | 3967 | 3983 | 47,5' S | 38,7' W | 12,5 | 281,3 | H. Stäbe | " |
| " | 15:30 | 4061 | 4062 | 46,6' S | 42,7' W | 13,0 | 282,2 | " | " |
| " | 15:45 | 3855 | 3863 | 45,8' S | 46,7' W | 12,0 | 285,5 | " | " |
| " | 16:00 | 4061 | 4085 | 45,0' S | 50,6' W | 12,2 | 284,9 | " | " |
| " | 16:15 | 3960 | 3984 | 44,2' S | 54,6' W | 12,9 | 283,7 | " | " |
| " | 16:30 | 4321 | 4194 | 43,4' S | 58,6' W | 12,4 | 284,9 | " | " |
| " | 16:45 | 4092 | 4102 | 42,7' S | 7° 02,9' W | 13,1 | 283,0 | " | " |
| " | 17:00 | (~4180) | 4246 | 41,9' S | 07,0' W | 13,1 | 285,0 | " | " |
| " | 17:15 | 4273 | 4290 | 41,2' S | 11,4' W | 12,9 | 282,4 | " | " |
| " | 17:30 | 4193 | 4210 | 40,6' S | 15,4' W | 12,3 | 287,4 | " | " |
| " | 17:45 | 4089 | 4083 | 39,8' S | 19,3' W | 13,1 | 286,2 | " | " |
| " | 18:00 | 4021 | 4025 | 38,9' S | 23,7' W | 11,6 | 286,7 | " | " |
| " | 18:15 | 3565 | 3934 | 37,989 S | 27,582 W | 13,3 | 286,1 | Wadel | 2 |
| " | 18:30 | 2824 | 3547 | 37,193 S | 31,547 W | 12,7 | 283,7 | " | 2 |
| " | 18:45 | 3988 | 4003 | 36,434 S | 35,571 W | 11,5 | 283,5 | " | 2 |
| " | 19:00 | 3713 | 3759 | 35,759 S | 39,740 W | 12,6 | 283,0 | " | 2 |
| " | 19:15 | 3337 | 3287 | 35,023 S | 43,908 W | 12,9 | 283,9 | " | 2 |
| " | 19:30 | 3071 | 3089 | 34,304 S | 48,182 W | 12,5 | 283,8 | " | 2 |
| " | 19:45 | 3024 | 3022 | 33,624 S | 52,247 W | 12,5 | 283,9 | " | 2 |
| " | 20:00 | 3635 | 3630 | 32,990 S | 56,423 W | 13,3 | 285,4 | " | 2 |
| " | 20:15 | 3227 | 3223 | 32,136 S | 8° 00,441 W | 13,0 | 285,9 | " | 2 |
| " | 20:30 | 2661 | 3460 | 31,189 S | 04,485 W | 12,2 | 288,1 | " | 2 |
| " | 20:45 | 3848 | 3848 | 30,284 S | 08,741 W | 13,1 | 282,4 | " | 2 |
| " | 21:00 | 3978 | 3822 | 29,571 S | 12,944 W | 13,0 | 285,3 | " | 2 |

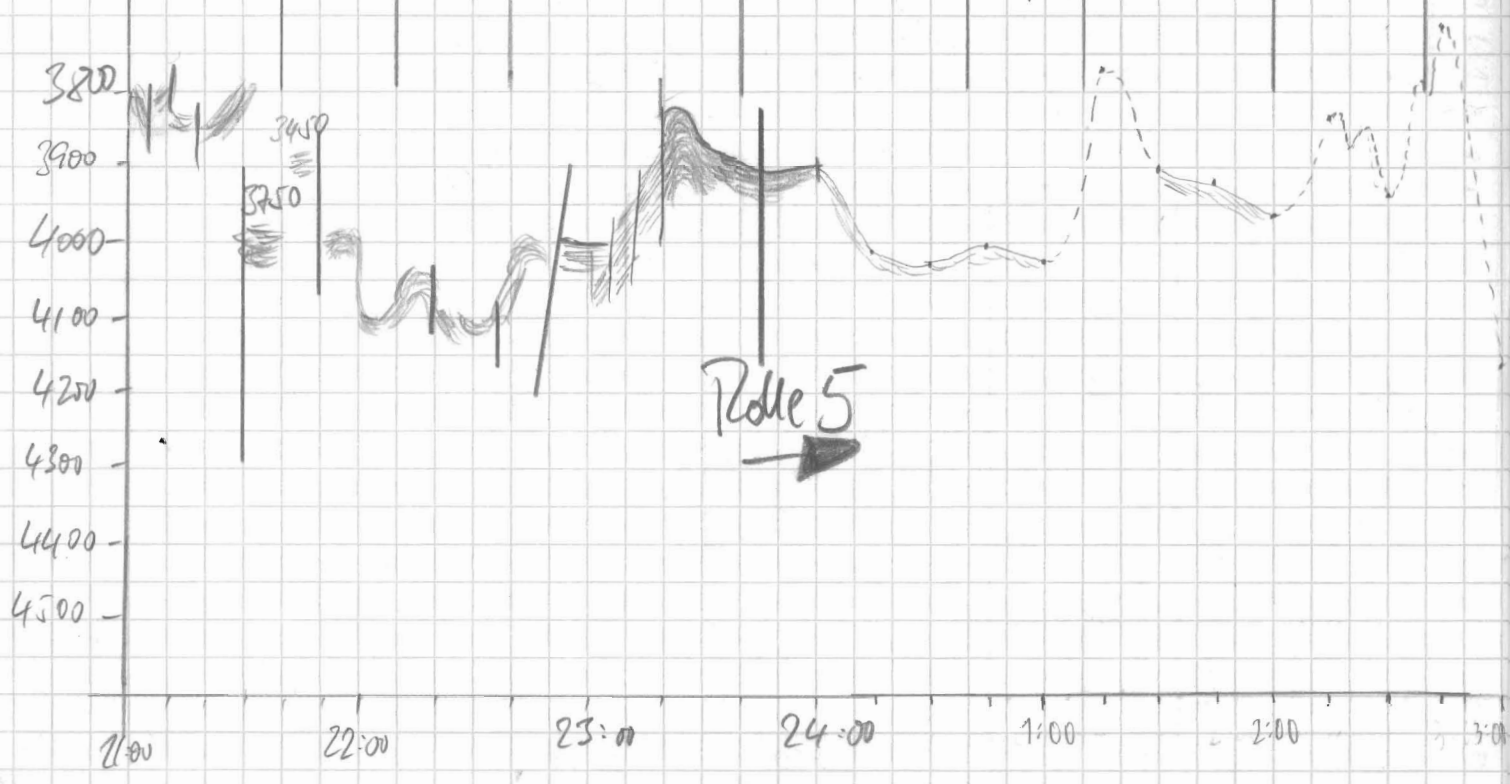


| Pulse | Range | Scale | Mode | Time | WT | R | H | M | Roll Nr. | Mag Nr. | Remarks | |
|-------|-------|-------|------|------|----|---|---|---|----------|---------|--|---|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 4 | 6 | Station begins Station | |
| " | " | " | " | " | " | " | " | " | " | " | | " |
| " | " | " | " | " | " | " | " | " | " | " | | " |
| " | " | " | " | " | " | " | " | " | " | " | | " |
| " | " | " | " | " | " | " | " | " | " | " | | " |
| 4 | 5000 | 100 | 4 | 133 | 0 | 0 | 3 | 2 | 4 | 6 | 17:01 MGC at Tiede Frequency test bis 12:47 | |
| 4 | " | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 4 | 6 | | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | 2 | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | 100 | " | 133 | 10 | " | " | " | " | " | " | |
| " | " | 200 | " | 266 | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | " | |

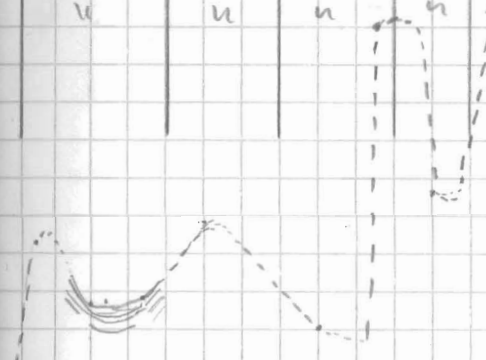


| Date | Time | Depth PS | Depth VS | Lat | Long | Speed | Feet | Wache | Teg |
|----------|-------|----------|----------|-----------|-------------|-------|-------|----------|-----|
| 20.12.93 | 21:15 | 3840 | 3873 | 42° 28,65 | 8° 17,05 | 12.2 | 285,6 | N. Smede | + |
| - | 21:30 | 3234 | 3845 | 27,80 | 19,96 | 13.6 | 284,1 | - | + |
| - | 21:45 | 2942 | 3413 | 27,00 | 25,41 | 13.3 | 283,6 | - | + |
| - | 22:00 | 3259 | 4032 | 26,23 S | 29,52 W | 12.6 | 282 | - | + |
| - | 22:15 | 3248 | 4131 | 25,46 | 33,67 W | 13.4 | 280,7 | - | + |
| - | 22:30 | 2944 | 3730 | 24,74 | 37,93 W | 12.5 | 283 | - | + |
| - | 22:45 | 2940 | 3765 | 23,93 | 42,19 W | 13.3 | 285 | - | + |
| - | 23:00 | 3250 | 4013 | 23,18 | 46,28 W | 12.9 | 282 | - | + |
| - | 23:15 | 3257 | 3803 | 22,34 | 50,63 W | 12.7 | 285 | - | + |
| - | 23:30 | 3839 | 3852 | 21,44 | 54,94 W | 13.5 | 284 | - | + |
| - | 23:45 | 3250 | 3873 | 20,68 | 59,24 W | 13.2 | 282 | - | + |
| - | 24:00 | 3892 | 3864 | 19,882 | 9° 03,548 W | 12,9 | 284 | Harloff | u |

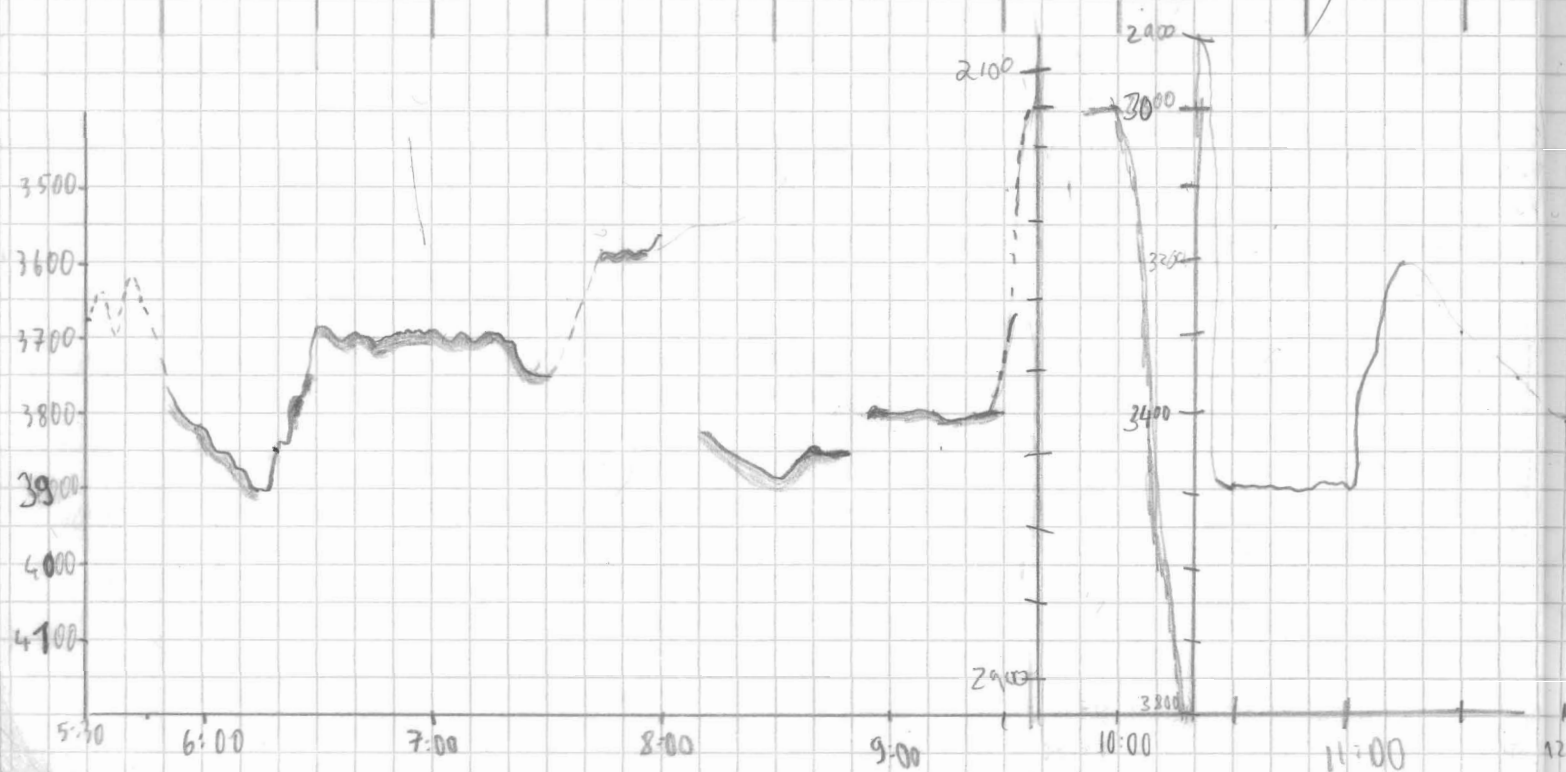
| | | | | | | | | | |
|----------|------|------|------|----------|--------------|------|-------|---|---|
| 21.12.93 | 0:15 | 4018 | 4025 | 19,049 | 07,818 W | 13,4 | 285,5 | u | u |
| u | 0:30 | 4063 | 4075 | 18,235 | 12,301 W | 13,0 | 284,2 | u | u |
| u | 0:45 | - | 4006 | 17,469 | 16,259 W | 13,1 | 284,9 | u | u |
| u | 1:00 | 4058 | 4053 | 16,681 S | 20,378 W | 13,5 | 283,7 | u | u |
| u | 1:15 | 3767 | 3802 | 15,855 S | 24,797 W | 13,0 | 283,3 | u | u |
| u | 1:32 | 3895 | 3904 | 14,860 S | 29,854 W | 13,1 | 285,5 | u | u |
| u | 1:45 | - | 3920 | 14,235 S | 33,358 W | 12,8 | 285,4 | u | u |
| u | 2:00 | 3965 | 4006 | 13,465 S | 37,538 W | 12,6 | 284,3 | u | u |
| u | 2:15 | - | 3840 | 12,837 S | 40,747 W | 13,3 | 285,0 | u | u |
| u | 2:30 | - | 3937 | 11,900 S | 45,774 W | 12,7 | 285,9 | u | u |
| u | 2:45 | - | 3712 | 11,134 S | 49,970 W | 12,9 | 284,3 | u | u |
| u | 3:00 | - | 4161 | 10,262 S | 54,343 W | 13,6 | 286,6 | u | u |
| u | 3:15 | - | 3932 | 09,446 S | 58,435 W | 13,0 | 283,7 | u | u |
| u | 3:30 | - | 4017 | 08,637 S | 10° 02,931 W | 13,4 | 285,7 | u | u |
| u | 3:45 | - | 4005 | 07,832 S | 06,985 W | 13,4 | 285,5 | u | u |
| u | 4:00 | - | 3910 | 07,029 S | 10,994 W | 12,7 | 287,9 | u | u |
| u | 4:15 | - | 4048 | 06,234 S | 15,246 W | 13,4 | 285,4 | u | u |
| u | 4:30 | 3818 | 3808 | 05,427 S | 19,572 W | 14,0 | 283,6 | u | u |
| u | 4:45 | - | 3648 | 04,712 S | 23,723 W | 12,6 | 284,4 | u | u |
| u | 5:00 | 3828 | 3869 | 03,896 S | 27,886 W | 13,1 | 284,7 | u | u |
| u | 5:15 | 3627 | 3669 | 02,917 S | 32,460 W | 13,0 | 285,3 | u | u |



| Pulse | Range | Scale | Mode | Time | wt | R | H | M | Roller Nr. | Mag Nr. | Remarks |
|-------|-------|-------|------|------|-----|-----|-----|-----|---------------|------------|--------------------------------|
| 4- | 11- | 11- | 1- | 11- | 4- | 7- | 11- | 4- | 7- | 11- | |
| 6- | 11- | 11- | 1- | 11- | 11- | 11- | 11- | 11- | 11- | 11- | |
| 6- | 6- | 11- | 1- | 11- | 11- | 11- | 6- | 11- | 11- | 11- | |
| 4- | 6- | 11- | 1- | 11- | 11- | 11- | 11- | 11- | 11- | 11- | |
| 4- | 6- | 11- | 1- | 11- | 11- | 11- | 11- | 11- | 11- | 11- | |
| 4- | 6- | 11- | 1- | 11- | 11- | 11- | 11- | 11- | 11- | 11- | |
| 6- | 11- | 11- | 1- | 11- | 11- | 11- | 11- | 11- | 11- | 11- | |
| 11- | 11- | 11- | 1- | 11- | 11- | 11- | 11- | 11- | 11- | 11- | |
| 4- | 11- | 11- | 1- | 11- | 11- | 11- | 11- | 11- | 11- | 11- | |
| 6- | 11- | 11- | 1- | 11- | 11- | 11- | 11- | 11- | 11- | 11- | |
| 4- | 6- | 11- | 1- | 11- | 11- | 11- | 11- | 11- | 11- | 11- | |
| u | u | u | u | u | u | u | u | u | 5 | u | Roller wachsel |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | Signal schlecht |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | u u (muss wachen?) |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | (Brück-Zone?) |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | runder, steiler lauf und ab |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | noch steiler lauf und ab |
| u | u | u | u | u | u | u | u | u | u | u | |



| Date | Time | Depth PS | Depth HS | Latitude | Longitude | Speed | Kurs | Wave | Eng. |
|----------|-------|-------------|-------------|---------------|---------------|-------|-------|----------|------|
| 21.12.03 | 5:30 | 3675 | 3728 | 42° 02, 098 S | 10° 36, 757 W | 13,0 | 282,9 | Harloff | 5,5 |
| " | 5:45 | 3654 | 3659 | 01, 429 S | 40, 829 W | 13,7 | 282,7 | " | " |
| " | 6:00 | - | 3820 | 42° 00, 7 S | 10° 45, 4 W | 13,5 | 285,4 | Hermanns | " |
| " | 6:15 | 3917 | 3931 | 41° 59, 765 S | 10° 49, 641 W | 13,6 | 285,8 | Hermanns | " |
| " | 6:30 | 3752 | 3754 | 41° 58, 9 S | 10° 53, 8 W | 13,0 | 285,6 | Hermanns | " |
| " | 6:45 | 3727 | 3733 | 57, 9 S | 57, 9 W | 13,3 | 286,5 | Hermanns | " |
| " | 7:00 | 3685 | 3700 | 57, 2 S | 11° 02, 103 W | 12,2 | 282,5 | Hermanns | " |
| " | 7:15 | 3683 | 3698 | 56, 4 S | 06, 4 W | 13,4 | 283,4 | Hermanns | " |
| " | 7:30 | 3748 | 3755 | 55, 6 S | 10, 9 W | 12,7 | 283,8 | Hermanns | " |
| " | 7:45 | 3626 | 3616 | 54, 8 S | 15, 1 W | 12,9 | 284,1 | Hermanns | " |
| " | 8:00 | 3563 | 3595 | 54, 0 S | 19, 5 W | 12,9 | 284,7 | Hermanns | " |
| " | 8:15 | - | 3878 | 53, 2 S | 23, 7 W | 13,9 | 284,4 | Hermanns | " |
| " | 8:30 | 3876 | 3888 | 52, 3 S | 27, 9 W | 12,5 | 284,9 | Hermanns | " |
| " | 8:45 | 3866 | 3904 | 51, 5 S | 32, 1 W | 12,1 | 283,0 | Hermanns | " |
| " | 9:00 | 3792 | 3829 | 50, 7 S | 36, 5 W | 13,5 | 281,9 | Hermanns | " |
| " | 9:15 | 3746 | 3782 | 41° 49, 98 S | 11° 40, 59 W | 12,6 | 290,2 | Hofmann | " |
| " | 9:30 | 3585 | 3633 | 41° 49, 19 S | 11° 44, 76 W | 13,5 | 285,0 | Hofmann | " |
| " | 9:45 | 2374 | 2393 | 41° 48, 37 S | 11° 48, 85 W | 12,9 | 285,0 | Hofmann | " |
| " | 10:00 | 2190 | 2271 | 41° 47, 52 S | 11° 53, 07 W | 13,2 | 285,5 | Hofmann | " |
| " | 10:15 | 2999 | 3035 | 41° 46, 74 S | 11° 57, 31 W | 12,7 | 284,0 | Hofmann | " |
| " | 10:30 | 3432 | 3459 | 41° 45, 89 S | 12° 01, 52 W | 12,8 | 285,0 | Hofmann | " |
| " | 10:45 | 3521 | 3525 | 41° 45, 03 S | 12° 05, 84 W | 12,9 | 286,0 | Hofmann | " |
| " | 11:00 | 3310 | | 41° 43, 02 S | 12° 07, 8 W | 12,5 | 283,0 | Hofmann | " |
| " | 11:15 | 3350 | 3355 | 41° 43, 37 S | 12° 14, 23 W | 12,8 | 284,0 | Hofmann | " |
| " | 11:30 | 3296 | 3298 | 41° 42, 46 S | 12° 18, 40 W | 12,6 | 284,0 | Hofmann | " |
| " | 11:45 | 3357 | 3364 | 41 41, 76 | 12 22, 50 W | 13,6 | 279,0 | Hofmann | " |
| " | 12:00 | 3414 | 3407 | 41 41, 63 | 12° 23, 65 W | 12,5 | 129,2 | Hofmann | " |
| " | 12:15 | 3327 | 3329 | 42, 1 S | 20, 3 W | 0,6 | 95,1 | H. Stüb | 5,5 |
| " | 12:30 | 3326 | 3326 | 42, 0 S | 20, 4 W | 0,7 | 345,1 | " | " |
| " | 12:45 | 3326 | 3329 | 42, 0 S | 20, 5 W | 0,2 | 230,6 | " | " |
| " | 13:00 | 3326 | 3329 | 42, 0 S | 20, 7 W | 0,5 | 330,8 | " | " |
| " | 13:15 | 3324 | 3329 | 41, 9 S | 20, 8 W | 1,4 | 153,3 | " | " |
| " | 16:29 | 3023 | 3125 | 41, 8 S | 20 9' W | 3,7 | 97,7 | Kulm | 4 |
| " | 17:00 | 3325 | 3328 | 41° 42, 04 S | 12° 20, 23 W | 3,6 | 54 | Hofmann | 4 |

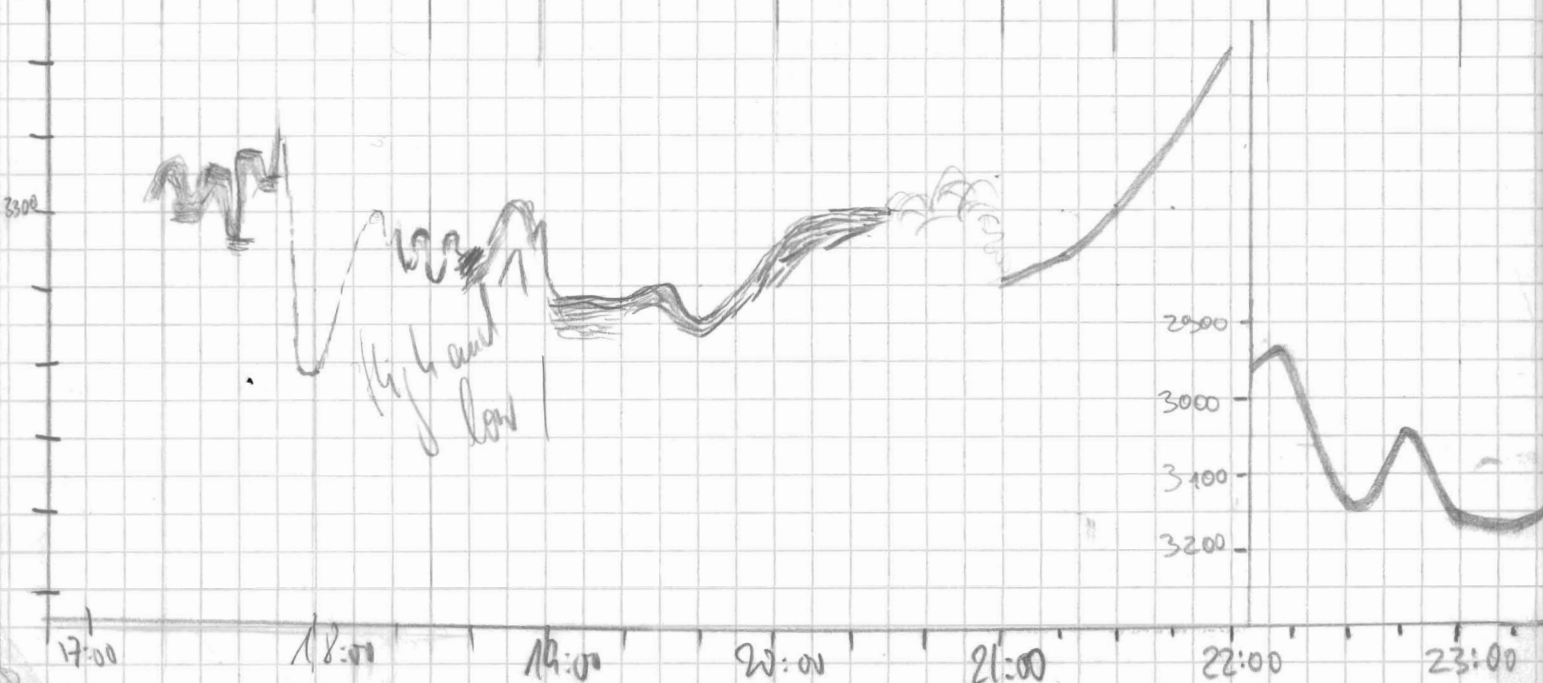


| Pulse | Range | Scale | Mode | Time | wt | R | H | M | Rollé Nr. | Tape Nr. | Remarks |
|-------|-------|-------|------|------|----|---|---|---|-----------|----------|---|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 5 | 6 | erstmalig wieder "geschichtete" Sedimente wieder auf und ab |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | ↓ sehr steiler Anstieg und Abfall, Schneegipfel bei 2180m |
| " | " | " | " | " | " | " | " | " | " | " | ↓ bitte getrennt verarbeiten |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| 4 | 5000 | 100 | 4 | 133 | 0 | 0 | 3 | 2 | 5 | 7 | neues Magnetband |
| 4 | " | 200 | " | 266 | 10 | 0 | 3 | 1 | 5 | 7 | Frequenztest 16:27-16:57 |

↓ sehr steiler Anstieg und Abfall, Schneegipfel bei 2180m
↓ bitte getrennt verarbeiten

Beginn Station 2494

| Date | Time | Depth | Depth | Long. | Lat. | Speed | Course | Wade | Frog |
|----------|-------|-------|-------|-------------|--------------|-------|--------|-----------|------|
| 21.12. | 17:15 | 3358 | 3361 | 41°41'78 S | 12° 22'381 W | 7.0 | 275.4 | Hofmann | 4 |
| | 17:30 | 3382 | 3376 | 41°41'357 S | 12° 25'606 W | 9.3 | 286.5 | Hofmann | 4 |
| | 17:45 | 3228 | 3264 | 40.71 | 28'60 W | 9.1 | 277.4 | N. Steele | 4 |
| | 18:00 | 3318 | 3350 | 39.85 S | 32.28 W | 9.9 | 285 | N. Steele | 4 |
| | 18:15 | 3617 | 3631 | 39.11 S | 35.49 W | 8.8 | 286 | N. Steele | 4 |
| | 18:30 | 3522 | 3533 | 38.4 S | 38.7 W | 8.1 | 285.9 | N. Steele | 4 |
| | 18:45 | 3380 | 3397 | 37.86 S | 41.88 W | 9.3 | 283 | N. Steele | 4 |
| | 19:00 | 3286 | 3292 | 37.25 S | 45.3 W | 9.4 | 277 | N. Steele | 4 |
| | 19:15 | 3426 | 3429 | 36.68 S | 48.50 W | 10.3 | 284 | N. Steele | 4 |
| | 19:30 | 3411 | 3420 | 36.09 S | 51.59 W | 9.1 | 283.3 | N. Steele | 4 |
| | 19:45 | 3455 | 3463 | 35.47 S | 54.64 W | 9.8 | 283 | N. Steele | 4 |
| | 20:00 | 3263 | 3268 | 34.88 S | 57.64 W | 9.4 | 284 | N. Steele | 4 |
| | 20:15 | 3267 | 3250 | 34.29 S | 15°00.75 W | 8.5 | 285 | N. Steele | 4 |
| | 20:30 | 3212 | 3232 | 33.73 S | 13°03.66 W | 9.4 | 215 | N. Steele | 4 |
| | 20:45 | 3226 | 3222 | 33.28 S | 06.48 W | 9.6 | 283 | N. Steele | 4 |
| | 21:00 | 3392 | 3395 | 32.63 S | 09.46 W | 6.7 | 281.1 | N. Steele | 4 |
| 11 | 21:15 | 3357 | 3365 | 4° 32.06 S | 13° 12.09 N | 9.3 | 287.8 | C. Didie | 4 |
| | 21:30 | 3293 | 3298 | 31.56 S | 14.88 N | 8.1 | 282.1 | " | 4 |
| | 21:45 | 3215 | 3222 | 31.04 S | 17.63 W | 8.2 | 283.1 | " | 4 |
| | 22:00 | 3087 | 3149 | 30.56 S | 20.22 W | 6.8 | 284.8 | " | 4 |
| | 22:15 | 2933 | 3006 | 30.07 S | 22.85 W | 7.2 | 282.4 | " | 4 |
| | 22:30 | 3139 | 3111 | 29.05 S | 25.37 W | 8.5 | 288.9 | " | 4 |
| | 22:45 | 3048 | 3052 | 28.96 S | 27.99 W | 8.2 | 284.4 | " | 4 |
| | 23:00 | 3156 | 3163 | 28.44 S | 30.67 W | 7.2 | 288.2 | " | 4 |
| | 23:15 | 3156 | 3159 | 28.02 S | 33.17 N | 6.5 | 275.4 | " | 4 |
| | 23:30 | 3120 | 3105 | 27.49 S | 35.63 W | 7.9 | 289.5 | " | 4 |
| | 23:45 | 3070 | 3091 | 26.98 S | 38.19 W | 8.4 | 287.5 | " | 4 |
| 22.12.93 | 0:00 | 3078 | 3083 | 41° 26.5 S | 13° 41.0 W | 8.6 | 282.5 | Hermanns | 4 |
| " | 0:15 | 3040 | 3046 | 25.9 S | 43.6 W | 8.9 | 286.3 | Hermanns | 4 |
| " | 0:30 | 3083 | 3096 | 25.2 S | 47.5 W | 9.1 | 286.8 | Hermanns | 4 |
| " | 0:45 | 3160 | 3165 | 25.0 S | 48.7 W | 6.4 | 291.6 | Hermanns | 4 |
| " | 1:00 | 3128 | 3158 | 24.5 S | 51.4 W | 9.1 | 289.4 | Hermanns | 4 |
| " | 1:15 | 3229 | 3233 | 23.9 S | 54.1 W | 7.4 | 286.8 | Hermanns | 4 |
| " | 1:30 | 3207 | 3213 | 23.4 S | 56.6 W | 8.3 | 286.3 | Hermanns | 4 |
| " | 1:45 | 3151 | 3160 | 22.9 S | 59.1 W | 6.5 | 289.7 | Hermanns | 4 |
| " | 2:00 | 3120 | 3130 | 22.4 S | 14° 01.9 W | 8.4 | 287.6 | Hermanns | 4 |

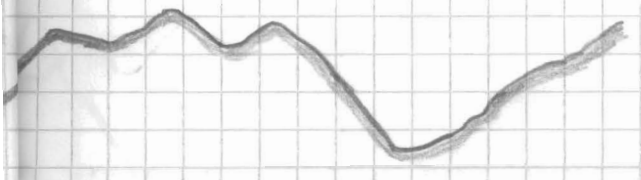


| Pds. | Range | Scale | Mode | Time | wt | R | # | M | Rolle Nr | Morb. Nr |
|------|-------|-------|------|------|----|---|---|---|----------|----------|
|------|-------|-------|------|------|----|---|---|---|----------|----------|

Bemerkungen

| | | | | | | | | | | |
|---|------|-----|---|-----|----|---|---|---|---|---|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 5 | 7 |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |

Parasouder/Innen sollten mal
lernen, was Lat und Long bedeutet!

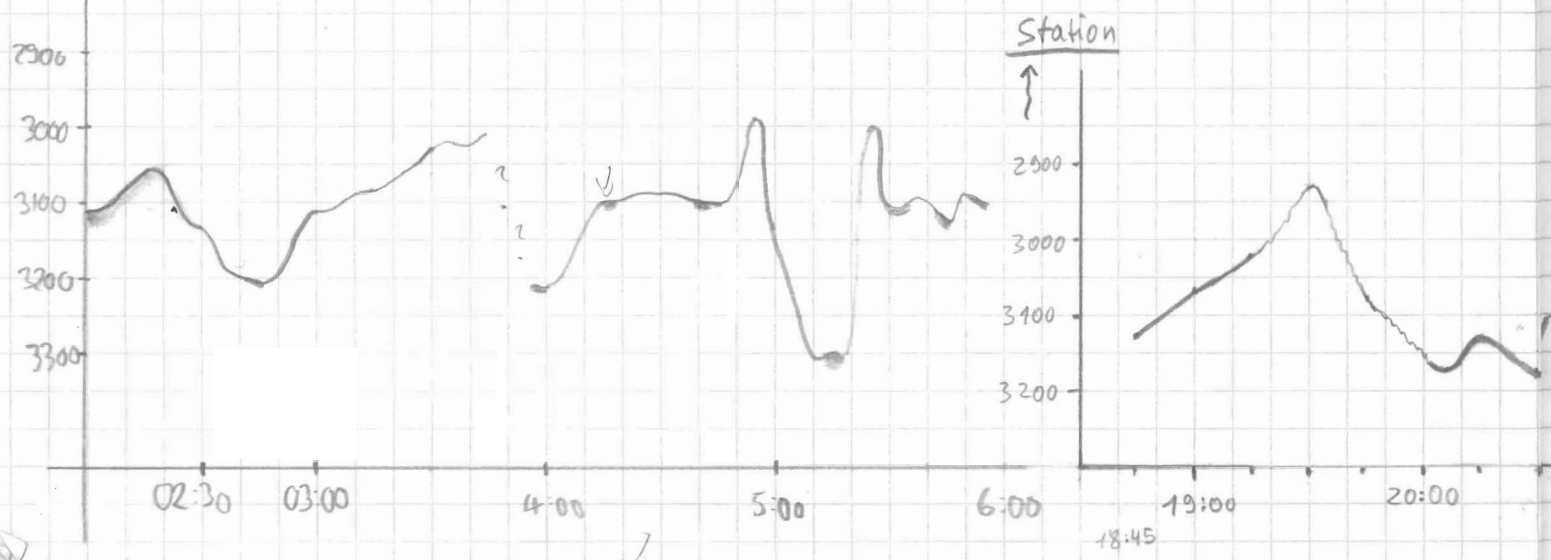


0:00

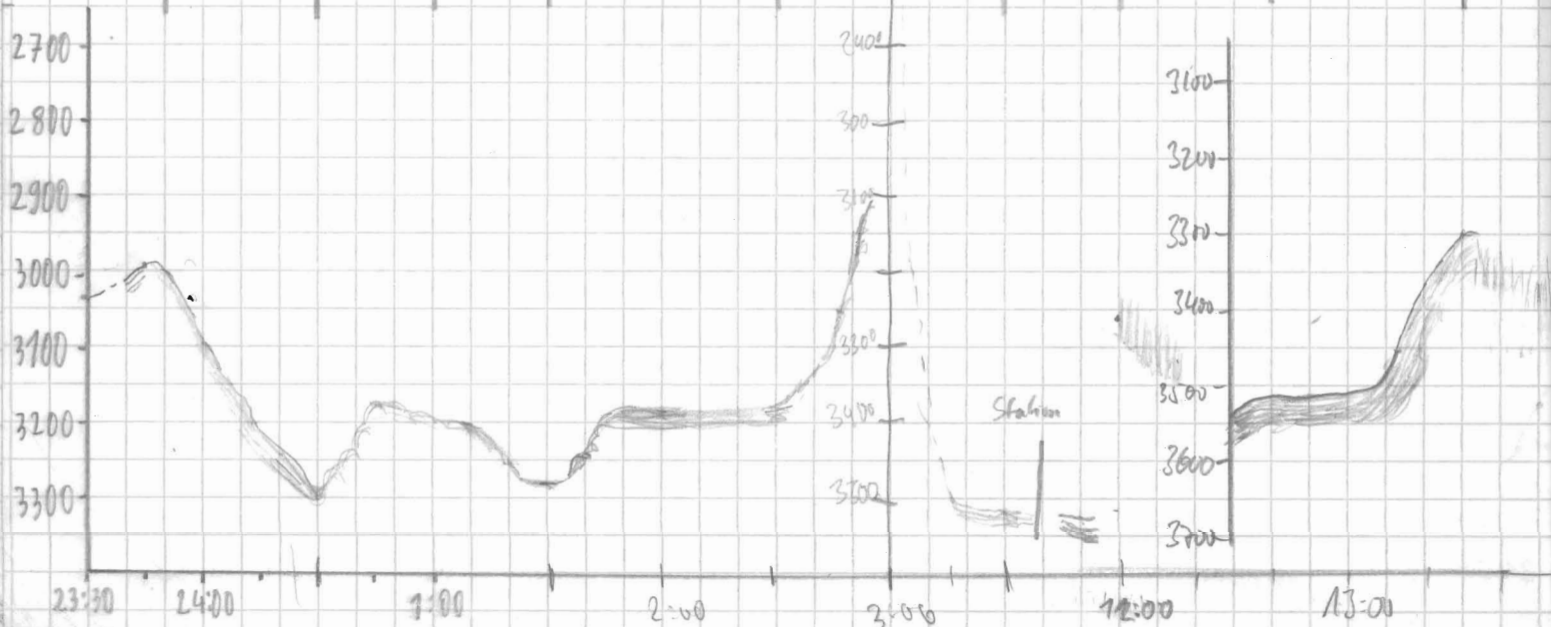
1:00

2:00

| Date | Time | Depth ps | Depth m | Lat. | Long. | Speed | Kurs | Wache | Frg. |
|----------|-------|-------------|------------|--------------|--------------|-------|-------|----------|------|
| 22.12.93 | 02:15 | 3060 | 3071 | 41° 21,9 S | 14° 09,2 W | 8,2 | 287,0 | Hermanns | 4 |
| " | 02:30 | 3138 | 3157 | 21,3 S | 07,1 W | 8,2 | 286,8 | Hermanns | 4 |
| " | 02:45 | 3220 | 3230 | 20,8 S | 10,0 W | 8,4 | 286,5 | Hermanns | 4 |
| " | 03:00 | 3122 | 3120 | 20,2 S | 12,9 W | 7,2 | 286,6 | Hermanns | 4 |
| " | 03:15 | 3078 | 3087 | 19,7 S | 16,0 W | 9,6 | 285,8 | Hermanns | 4 |
| " | 3:30 | 3018 | 3028 | 19,1 S | 19,0 W | 10,3 | 283,7 | Hermanns | 4 |
| " | 3:45 | 3030 | 3040 | 18,4 S | 22,4 W | 10,6 | 287,4 | Hermanns | 4 |
| " | 4:00 | 3225 | 3229 | 17,8 S | 25,0 W | 10,4 | 286,5 | Hermanns | 4 |
| " | 4:15 | 3106 | 3092 | 17,2 S | 28,8 W | 7,5 | 287,8 | Hermanns | 4 |
| " | 4:30 | 3087 | 3114 | 16,6 S | 32,1 W | 10,5 | 286,2 | Hermanns | 4 |
| " | 4:45 | 3105 | 3116 | 41° 15,8 S | 14° 35,6 W | 10,7 | 286,0 | Hermanns | 4 |
| " | 5:00 | — | 3144 | 15,2 S | 39,1 W | 10,3 | 282,5 | Hermanns | 4 |
| " | 5:15 | 3316 | 3340 | 41° 14,6 S | 14° 40,8 W | 10,3 | 107,2 | Hermanns | 4 |
| " | 5:30 | 3164 | 3103 | 15,3 S | 37,0 W | 12,3 | 104,6 | Hermanns | 4 |
| " | 5:45 | 3127 | 3132 | 16,2 S | 33,1 W | 12,0 | 109,0 | Hermanns | 4 |
| " | 6:00 | 3129 | 3145 | 41° 16,959 S | 14° 29,800 W | 4,9 | 159,4 | Hermanns | 4 |
| " | 6:15 | 3131 | 3138 | 41° 17,21 S | 14° 30,01 W | 7,0 | 223,5 | Apfmann | 4 |
| " | 12:11 | 3127 | 3135 | 17,30 S | 29,57 W | 0,5 | 10,9 | Bücher | 4 |
| " | 14:05 | 3099 | 3106 | 18,08 S | 28,61 W | 7,2 | 33,7 | " | 5.5 |
| " | 17:25 | | | | | | | | |
| " | 18:45 | 3127 | 3132 | 41° 17,35 S | 14° 29,50 W | 4,4 | 172,3 | C. Didie | 4 |
| " | 19:00 | 3063 | 3069 | 19,82 S | 29,56 W | 11,8 | 182,5 | " | 4 |
| " | 19:15 | 3024 | 3030 | 22,59 S | 29,73 W | 11,0 | 183,2 | " | 4 |
| " | 19:30 | 2928 | 2926 | 25,39 S | 30,06 W | 10,6 | 181,3 | " | 4 |
| " | 19:45 | 3075 | 3089 | 28,11 S | 30,37 W | 11,0 | 185,6 | " | 4 |
| " | 20:09 | 3167 | 3173 | 32,67 S | 30,95 W | 10,7 | 183,3 | " | 4 |
| " | 20:15 | 3128 | 3136 | 33,68 S | 31,07 W | 10,7 | 184,3 | " | 4 |
| " | 20:30 | 3172 | 3183 | 36,49 S | 31,30 W | 10,7 | 181,2 | " | 4 |
| " | 20:45 | 3103 | 3108 | 39,36 S | 31,46 W | 11,2 | 184,3 | " | 4 |
| " | 21:00 | 3201 | 3200 | 41° 42,07 S | 14° 31,78 W | 11,3 | 183,6 | " | 4 |
| " | 21:15 | 3300 | 3292 | 44,977 S | 32,083 W | 11,3 | 181,4 | Harloff | 4 |
| " | 21:30 | 3306 | 3305 | 47,683 S | 32,197 W | 11,6 | 181,2 | " | 4 |
| " | 21:45 | 3285 | 3298 | 50,816 S | 32,370 W | 10,8 | 181,6 | " | 4 |
| " | 22:00 | 3185 | 3185 | 53,703 S | 32,582 W | 11,2 | 181,7 | " | 4 |
| " | 22:15 | 3189 | 3272 | 56,755 S | 32,809 W | 11,8 | 183,6 | " | 4 |
| " | 22:30 | 3078 | 3136 | 59,632 S | 33,028 W | 11,4 | 181,7 | " | 4 |
| " | 22:45 | 3034 | 3061 | 42° 02,588 S | 33,192 W | 11,8 | 181,4 | " | 4 |
| " | 23:00 | 3099 | 3098 | 05,690 S | 33,410 W | 12,4 | 183,9 | " | 4 |
| " | 23:15 | 3129 | 3174 | 08,620 S | 33,713 W | 11,8 | 183,1 | " | 4 |
| " | 23:30 | 3032 | 3041 | 11,742 S | 33,905 W | 12,2 | 179,8 | " | 4 |



| Date | Time | Depth PS | Depth HS | Latitude | Longitude | Speed | Kurs | Wasser | Erq. |
|----------|-------|-------------|-------------|--------------|--------------|-------|-------|----------|------|
| 22.12.93 | 23:45 | 2990 | 2995 | 42° 14.793 S | 14° 34.142 W | 12.6 | 182.0 | Harloff | cf |
| 23.12.93 | 0:00 | 3107 | 3114 | 42.751 S | 14.303 W | 12.1 | 181.5 | " | " |
| 23.12.93 | 0:15 | 3208 | 3241 | 21.04 S | 34.49 W | 11.2 | 184.0 | Hofmann | " |
| 23.12.93 | 0:30 | 3302 | 3303 | 24.10 S | 14° 34' 61 W | 12.2 | 183.5 | " | " |
| 23.12.93 | 0:45 | 3187 | 3184 | 27.154 S | 34.75 W | 12.7 | 176.8 | " | " |
| " | 1:00 | 3125 | 3117 | 30.136 S | 14° 35' 10 W | 12.1 | 187.9 | " | " |
| " | 1:15 | 3123 | 3130 | 33.333 S | 14° 35' 50 W | 12.3 | 186.3 | " | " |
| " | 1:30 | 3710 | 3270 | 36.443 S | 14 35.78 W | 12.2 | 183.8 | " | " |
| " | 1:45 | 3292 | 3293 | 48 39.373 S | 14° 35' 99 W | 11.8 | 184.1 | " | " |
| " | 2:00 | 3126 | 3135 | 42° 42.529 S | 14 36.23 W | 11.7 | 183.3 | " | " |
| " | 2:15 | 3192 | 3195 | 42 45.321 S | 14° 36.47 W | 12.3 | 185.8 | " | " |
| " | 2:30 | 3192 | 3194 | 42 48.245 S | 14° 36.67 W | 12.3 | 184.3 | " | " |
| " | 2:45 | 3077 | 3085 | 47 52.744 S | 14° 37.041 W | 11.1 | 187.3 | " | " |
| " | 3:00 | 2927 | 3085 | 42 54.930 S | 14° 37.178 W | 12.8 | 184.7 | " | " |
| " | 3:15 | 3509 | 3513 | 42° 47.866 S | 14° 37.499 W | 11.9 | 181.1 | " | " |
| " | 3:30 | 3523 | 3527 | 42 00.862 S | 14° 37.690 W | 13.1 | 181.1 | " | " |
| " | 3:45 | 3539 | 3544 | 43° 03.088 S | 14° 38.088 W | 6.2 | 2.8 | " | " |
| " | 4:00 | 3527 | 3537 | 43° 00.652 S | 14° 37.270 W | 8.7 | 8.7 | " | S.S |
| " | 4:15 | 3526 | 3532 | 43° 00.001 S | 14° 37.099 W | 1.3 | 114.0 | " | " |
| " | 11:38 | 3527 | 3526 | 0.63 S | 37.93 W | 9.8 | 177 | Kuhm | 4 |
| 23.12.93 | 11:45 | 3542 | 3543 | 1.90 S | 37.58 W | 10.4 | 176 | " | " |
| " | 12:00 | 3189 | 3157 | 4.65 S | 37.57 W | 10.8 | 179 | N. Siede | " |
| " | 12:15 | 3055 | 3141 | 7.43 S | 37.52 W | 11.1 | 183 | N. Siede | " |
| " | 12:30 | 3565 | 3552 | 10.23 S | 38.08 W | 10.6 | 186 | N. Siede | " |
| " | 12:45 | 3530 | 3589 | 12.91 S | 38.49 W | 11.1 | 182 | N. Siede | " |
| " | 12:00 | 3543 | 3543 | 15.65 S | 38.81 W | 11.1 | 186 | N. Siede | " |
| " | 12:15 | 3524 | 3579 | 18.37 S | 39.12 W | 11.6 | 185 | N. Siede | " |
| " | 12:30 | 3177 | 3170 | 21.06 S | 39.37 W | 11.5 | 184 | N. Siede | " |
| " | 12:45 | 3222 | 3260 | 24.04 S | 39.55 W | 11.0 | 184 | N. Siede | " |
| " | 14:00 | 3430 | 3435 | 26.70 S | 39.76 W | 11.5 | 183 | N. Siede | " |
| " | 14:15 | 2646 | 3362 | 29.43 S | 39.99 W | 10.6 | 183 | N. Siede | " |
| " | 14:30 | 3308 | 3317 | 32.14 S | 40.19 W | 10.9 | 183 | N. Siede | " |
| " | 14:45 | 3336 | 3340 | 34.85 S | 40.42 W | 11.6 | 183 | N. Siede | " |
| " | 15:00 | 3366 | 3250 | 43° 37.68 S | 14° 40.70 W | 11.3 | 185.1 | C. Didie | " |
| " | 15:15 | 3531 | 3507 | 40.45 S | 40.83 W | 11.1 | 179.9 | " | " |
| " | 15:30 | 3536 | 3529 | 43.25 S | 41.08 W | 11.6 | 185.0 | " | " |
| " | 15:45 | 3523 | 3513 | 43.46 S | 14° 41.4 W | 11.2 | 183.0 | " | " |
| " | 16:00 | 3412 | 3450 | 48.84 S | 41.58 W | 11.0 | 182.5 | " | " |



| Pulse | Range | Scale | Mode | Time | wt. | R | H. | M | Rolle Nr. | Tape Nr. |
|-------|-------|-------|------|------|-----|---|----|---|--------------|-------------|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 5 | 7 |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |
| 4 | u | u | u | u | u | u | u | u | u | u |
| u | u | u | u | u | u | u | u | u | u | u |
| v | u | u | u | u | u | u | u | u | u | u |
| w | u | u | u | u | u | u | u | u | u | u |
| x | u | u | u | u | u | u | u | u | u | u |
| y | u | u | u | u | u | u | u | u | u | u |
| z | u | u | u | u | u | u | u | u | u | u |

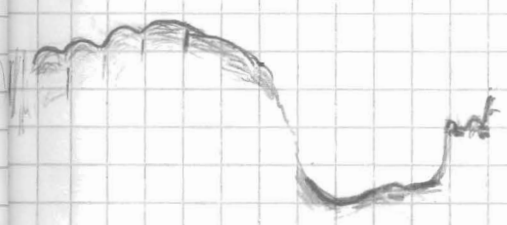
passabler Reflektor
(127 M.B.)

zwischen 3:20 und 3:36-
Position gut Reflektor
Station 2496

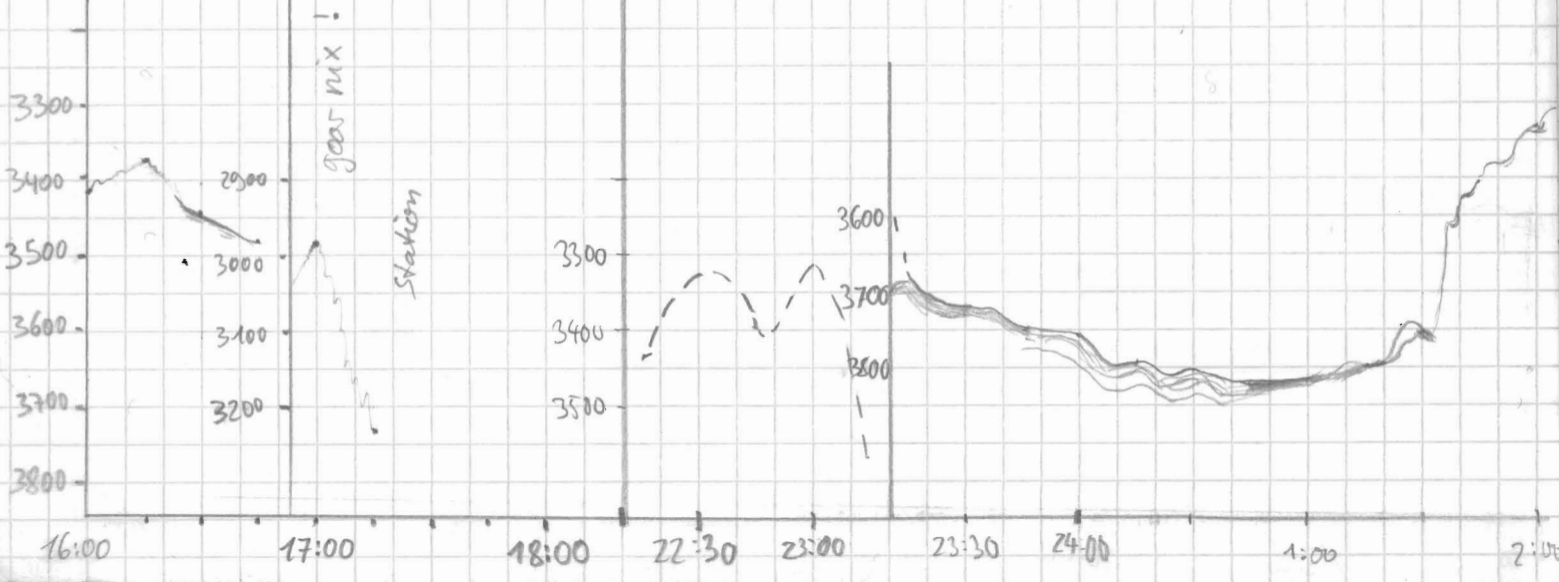
4:40 neue Rolle (6)

Deso 25 ausgewechselt

Station 2496
10:19 SL an Grund

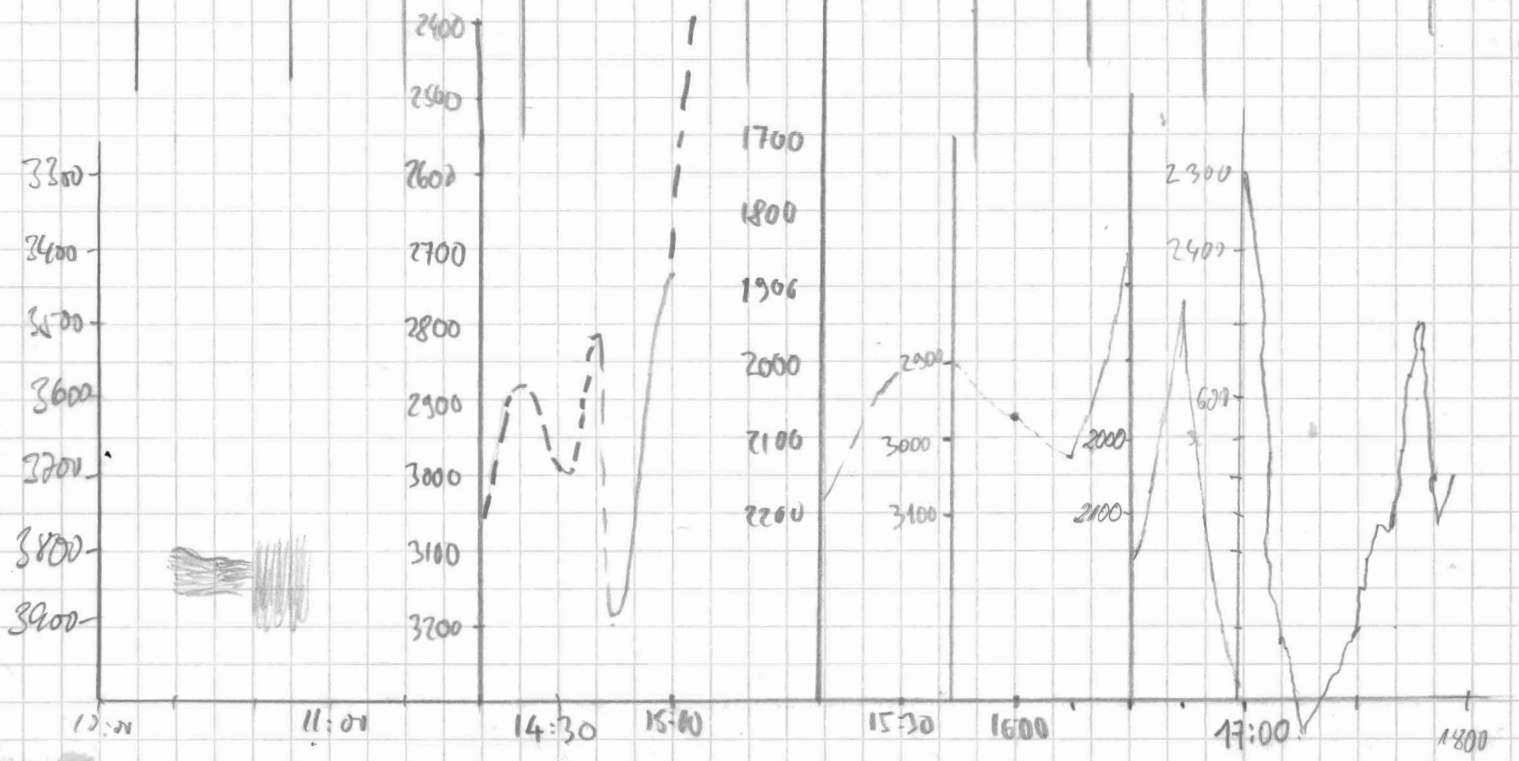


| Date | Time | PS | HS | Latitude | Longitude | Speed | Kurs | Wadre | Frg. |
|----------|-------|-------|------|------------|-------------|-------|-------|------------|---------|
| 23.12.93 | 16:15 | 3368 | 3356 | 43°51.73 S | 140°41.78 W | 12,1 | 184,7 | C. Didier | 40 |
| | 16:30 | 3445 | 3434 | 54.54 S | 42.04 W | 11,2 | 183,6 | " | " |
| | 16:45 | 3482 | 3506 | 57.32 S | 42.10 W | 11,3 | 181,5 | " | " |
| | 17:00 | 2984 | 2952 | 44°00.04 S | 42.39 W | 11,0 | 185,8 | " | " |
| | 17:15 | 3240 | 3174 | 02.90 S | 42.79 W | 11,2 | 185,9 | " | " |
| | 22:17 | 3435 | 3407 | 44°04.3 S | 14°40.8 W | 0,8 | 89,4 | Hermanns | 5,5 |
| | 22:30 | 3323 | 3363 | 04,6 S | 38,9 W | 10,1 | 99,2 | Hermanns | 4,0 |
| 23.12.93 | 22:45 | 3387 | 3400 | 05,1 S | 36,1 W | 10,1 | 104,1 | Hermanns | " |
| " | 23:00 | 3313 | 3325 | 05,8 S | 32,8 W | 9,8 | 104,9 | Hermanns | " |
| " | 23:15 | 3567 | 3597 | 06,3 S | 29,4 W | 9,7 | 102,5 | Hermanns | " |
| " | 23:30 | 3722 | 3734 | 06,9 S | 26,1 W | 9,7 | 105,2 | Hermanns | " |
| " | 23:45 | 3750 | 3757 | 07,5 S | 22,8 W | 10,0 | 103,6 | Hermanns | " |
| " | 24:00 | 3760 | 3771 | 08,1 S | 19,5 W | 9,6 | 103,9 | Hermanns | " |
| 24.12.93 | 00:15 | 3796 | 3814 | 08,7 S | 16,1 W | 9,7 | 104,7 | H. Schiffr | " |
| | 0:30 | 3801 | 3810 | 09,332 S | 12,985 W | 9,8 | 103,7 | " | " |
| | 0:45 | 3837 | 3847 | 09,9 S | 09,7 W | 10,0 | 104,0 | " | " |
| | 1:00 | 3836 | 3844 | 10,5 S | 06,6 W | 9,5 | 106,0 | " | " |
| | 1:15 | 3798 | 3789 | 11,1 S | 03,3 W | 9,5 | 100,9 | " | " |
| | 1:30 | 3752 | 3744 | 11,6 S | 00,2 W | 9,6 | 103,6 | " | " |
| | 1:45 | 3555 | 3545 | 44° 12,2 S | 13° 56,9 W | 9,4 | 104,6 | " | " |
| | 2:00 | 3477 | 3456 | 12,9 S | 53,8 W | 9,8 | 102,5 | " | " |
| | 2:15 | ~3380 | 3384 | 13,4 S | 50,5 W | 9,7 | 102,9 | " | " |
| | 2:30 | 3234 | 3214 | 14,0 S | 47,1 W | 9,5 | 103,5 | " | " |
| | 2:45 | 3095 | 3064 | 14,6 S | 43,8 W | 9,6 | 103,9 | " | " |
| | 3:00 | 3202 | 3177 | 15,2 S | 40,0 W | 9,7 | 103,0 | " | " |
| | 3:15 | 3316 | 3327 | 15,3 S | 37,9 W | 7,4 | 343,1 | " | " |
| | 3:30 | 3418 | 3427 | 13,3 S | 39,1 W | 9,0 | 336,4 | " | " |
| | 3:45 | 3494 | 3441 | 11,4 S | 40,4 W | 7,3 | 285,0 | " | " |
| | 4:00 | 3386 | 3949 | 11,0 S | 43,1 W | 8,3 | 279,6 | " | " |
| | 4:15 | 3642 | 3631 | 11,0 S | 45,8 W | 9,8 | 264,6 | " | " |
| | 4:30 | | 3620 | 10,9 S | 49,5 W | 11,2 | 274,2 | " | " |
| | 4:45 | 3792 | 3782 | 10,7 S | 53,2 W | 11,3 | 276,6 | " | " |
| | 5:00 | 3702 | 3764 | 10,5 S | 57,0 W | 11,0 | 276,6 | " | " |
| | 5:15 | 3805 | 3802 | 10,2 S | 14° 00,8 W | 11,3 | 277,0 | " | " |
| | 5:30 | 3820 | 3814 | 09,9 S | 04,5 W | 11,1 | 277,0 | " | " |
| | 5:45 | 3826 | 3818 | 09,6 S | 08,4 W | 11,0 | 276,8 | " | " |
| | 6:00 | 3835 | 3828 | 09,4 S | 12,1 W | 11,2 | 284,7 | " | " |
| | 6:15 | 3788 | 3782 | 09,1 S | 13,96 W | 3,8 | 249,9 | " | 5,5 |
| | 9:56 | 3804 | 3796 | 8,99 S | 12,94 W | 7,4 | 62,3 | Kulm | 3,5-5,5 |



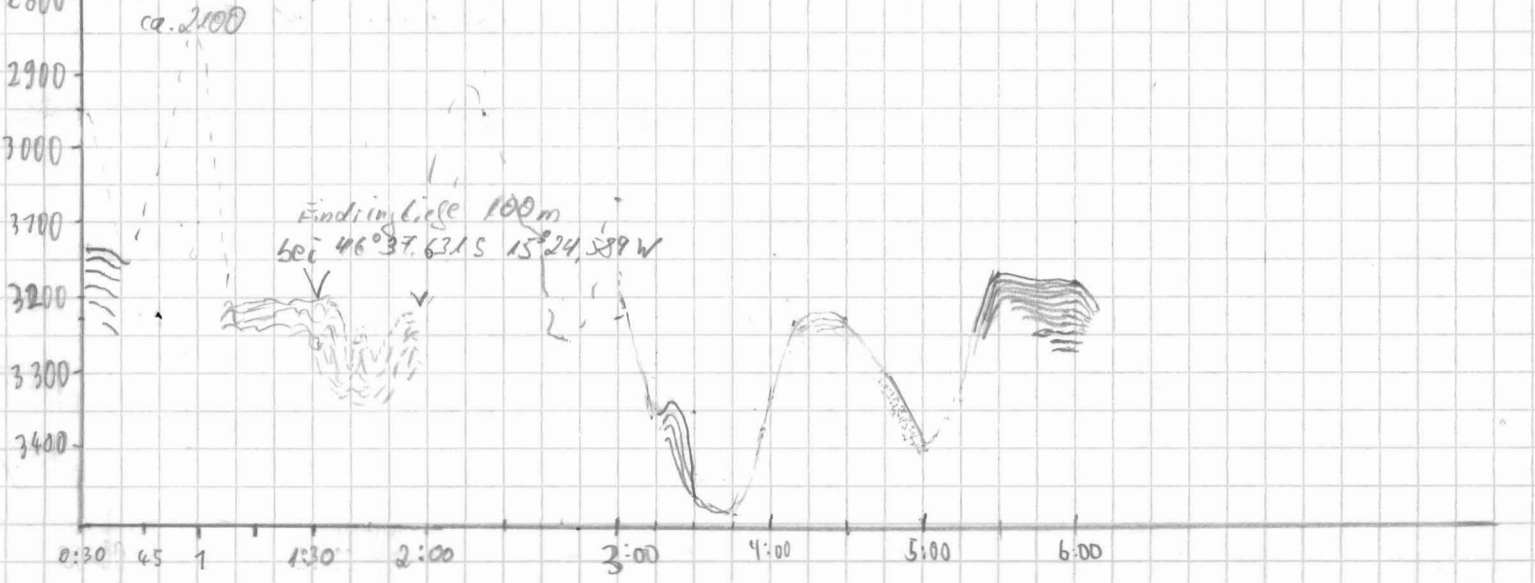
↓ Frohe Weihnachten

| Date | Time | PS | HS | Latitude | Longitude | Speed | kms | Wa die | Fog |
|--------|-------|------|------|------------|-----------|-------|-------|-----------|-----|
| 24.12. | 10:30 | 3847 | 3839 | 44° 10.69 | 14° 18.64 | 9.7 | 224 | N. Sneele | 4 |
| " | 10:45 | 3748 | 3688 | 13.50 | 15.12 | 10.9 | 196 | N. Sneele | " |
| " | 11:00 | 3137 | 3520 | 16.19 | 16.03 | 10.8 | 191 | N. Sneele | " |
| " | 11:15 | 2930 | 2953 | 18.89 | 17.04 | 11.1 | 195 | N. Sneele | " |
| " | 11:30 | 2938 | 2822 | 21.46 | 17.87 | 11.4 | 192 | N. Sneele | " |
| " | 11:45 | 2985 | 2949 | 25.01 | 19.03 | 11.1 | 195 | N. Sneele | " |
| " | 12:00 | 3101 | 3107 | 26.85 | 19.61 | 10.0 | 192 | N. Sneele | " |
| " | 12:15 | 3426 | 3412 | 29.57 | 20.62 | 11.3 | 194 | Wahmüller | " |
| " | 12:30 | 3285 | 3211 | 32.19 | 21.57 | 11.0 | 194.6 | " | " |
| " | 12:45 | 3037 | 3005 | 34.74 | 22.48 | 10.7 | 192.8 | " | " |
| " | 13:00 | 2889 | 3376 | 37.76 | 23.48 | 10.6 | 183 | " | " |
| " | 13:15 | 3227 | 3258 | 40.06 | 24.23 | 10.4 | 193 | " | " |
| " | 13:30 | 3305 | 3285 | 42.64 | 25.05 | 10.5 | 184 | " | " |
| " | 13:45 | 3002 | 3021 | 45.30 | 25.90 | 11.1 | 193 | " | " |
| " | 14:00 | 3305 | 3282 | 47.91 | 26.74 | 10.4 | 192.3 | " | " |
| " | 14:15 | 2908 | 2900 | 50.8 | 27.7 | 10.9 | 195.2 | Hermann | " |
| " | 14:30 | 2997 | 2988 | 53.1 | 28.5 | 10.9 | 196.0 | Hermann | " |
| " | 14:45 | - | 3172 | 55.8 | 29.5 | 11.2 | 194.1 | Hermann | " |
| " | 15:00 | - | 2735 | 58.3 | 30.3 | 10.4 | 193.4 | Hermann | " |
| " | 15:15 | - | 2568 | 45° 00.7 S | 31.1 W | 11.0 | 193.4 | Hermann | " |
| " | 15:30 | - | 2047 | 03.5 S | 32.0 W | 10.8 | 193.6 | Hermann | " |
| " | 15:45 | 1652 | 1964 | 05.9 S | 32.9 W | 11.2 | 196.7 | Hermann | " |
| " | 16:00 | 2975 | 2909 | 08.50 S | 33.82 W | 11.2 | 194.7 | C. Didie | " |
| " | 16:15 | 3027 | - | 11.22 S | 34.72 W | 11.3 | 198.2 | " | " |
| " | 16:30 | 2179 | 2159 | 13.87 S | 35.55 W | 10.9 | 192.7 | " | " |
| " | 16:45 | 688 | 1822 | 16.43 S | 36.42 W | 10.5 | 192.7 | Wardel | " |
| " | 17:00 | 1844 | 2817 | 19.22 S | 37.38 W | 10.7 | 185.7 | " | " |
| " | 17:15 | 3058 | 3059 | 21.82 S | 38.39 W | 10.4 | 194.0 | Kuhm | " |
| " | 17:30 | 2902 | 2916 | 24.46 S | 39.33 W | 11.3 | 194.0 | " | " |
| " | 17:45 | 2532 | 2534 | 27.14 S | 40.31 W | 11.5 | 194.0 | " | " |
| " | 18:30 | 2158 | 3186 | 35.24 S | 42.93 | 11.5 | 197.8 | " | " |
| " | 18:45 | 2806 | 2902 | 38.433 S | 43.776 W | 11.3 | 195.6 | Harloff | " |
| " | 19:00 | 3136 | 3119 | 41.151 S | 44.759 W | 11.4 | 195.1 | " | " |
| " | 19:15 | 3065 | 3057 | 43.906 S | 45.800 W | 11.5 | 195.9 | " | " |
| " | 19:30 | - | 3055 | 46.634 S | 46.885 W | 11.7 | 194.3 | " | " |



| Pulse | Range | Scale | Mode | Time | wt | Z | H | H | Rolle | Top | Bemerkungen |
|-------|-------|-------|------|------|-----|---|---|---|-------|-----|--|
| 4 | 5000 | 200 | 4 | 266 | 4 | 4 | 4 | 4 | 7 | 4 | Rolle gewechselt |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | er hat nicht gepiept! |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | Das Signal ist vor lauter Weich- machtsgewinnung ganz blank geworden |
| 4 | 4 | 4 | 4 | 4 | 0.0 | 0 | 3 | 1 | 7 | 9 | Band gewechselt |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | Speicherung aus |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 5000 | 200 | 4 | 266 | 100 | 0 | 3 | 1 | 7 | 9 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | Zerrissener Boden |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |

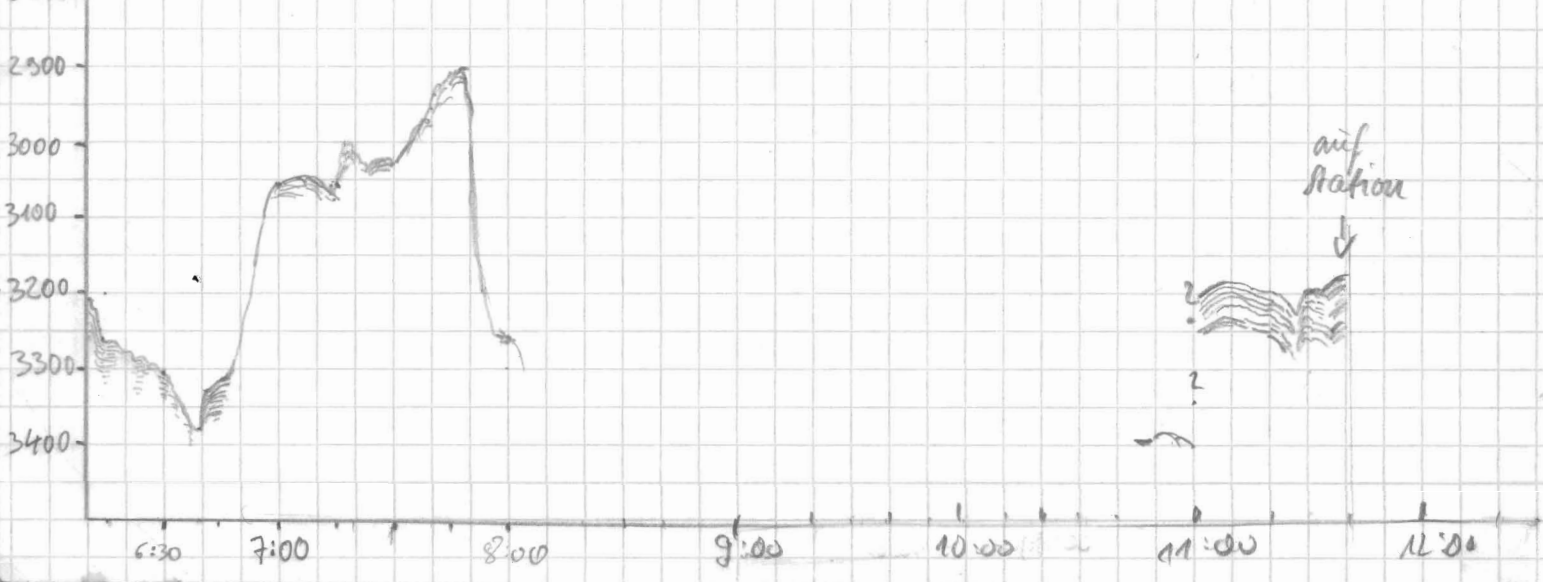
| Date | Time | Reptr PS | Reptr HS | Latitude | Longitude | Speed | Kurs | Warte | Frequenz |
|----------|-------|----------|----------|--------------|--------------|-------|-------|-------------|----------|
| 24.12.93 | 19:45 | 2911 | 2940 | 45° 49.4075 | 14° 47.702 W | 11,4 | 192.6 | Harloff | 4 |
| " | 20:00 | 2947 | 2919 | 52.174 S | 48.655 W | 11,4 | 196.7 | " | " |
| " | 20:15 | 3230 | 3214 | 54.833 S | 49.525 W | 11,8 | 193,7 | " | " |
| " | 20:30 | — | 3080 | 57.605 S | 50.477 W | 11,7 | 195.3 | " | " |
| " | 20:45 | 3139 | 3126 | 46° 00.318 S | 51.473 W | 11,4 | 191.9 | " | " |
| " | 21:00 | 3010 | 2949 | 02.960 S | 52.459 W | 11,4 | 194.1 | " | " |
| " | 21:15 | 3115 | 3050 | 05.641 S | 53.342 W | 11,3 | 195.2 | " | " |
| " | 21:30 | 2130 | 2131 | 08.094 S | 54.110 W | 11,1 | 194.4 | " | " |
| " | 21:45 | — | 2059 | 10.809 S | 55.111 W | 11,2 | 195.6 | " | " |
| " | 22:00 | 2506 | 2499 | 13.542 S | 56.093 W | 11,2 | 193.6 | " | " |
| " | 23:00 | 32 | 3106 | 46° 24.042 S | 14° 59.716 W | 11,2 | 191,9 | N.L. | 4 |
| " | 23:15 | 2950 | 2918 | 26.831 S | 15° 00.704 W | 10,8 | 193 | Hoppmann | " |
| " | 23:30 | 2047 | 3053 | 27.948 S | 02.957 W | 10,6 | 255.2 | Weihmüller | " |
| " | 23:45 | 3276 | 3267 | 28.918 S | 6.623 W | 10,6 | 254.3 | " | " |
| 25.12.93 | 0:00 | 3418 | 3404 | 29.589 S | 10.416 W | 11,3 | 256.2 | " | " |
| " | 0:15 | 2409 | 3215 | 46° 30.245 S | 15° 14.252 W | 11,6 | 253,3 | Moak | " |
| " | 0:30 | 2380 | 3154 | 30.967 S | 18.386 W | 11,6 | 255,4 | Moak | " |
| " | 0:45 | 3282 | 3259 | 31.200 S | 22.030 W | 11,0 | 254.3 | Moak | " |
| " | 1:00 | 3255 | 3247 | 35.137 S | 24.730 W | 11,0 | 179.3 | Moak | " |
| " | 1:15 | 3272 | 3264 | 35.700 S | 24.634 W | 11,6 | 179.2 | Goodl | " |
| " | 1:30 | 3292 | 3280 | 38.533 S | 24.574 W | 11,7 | 179.6 | " | " |
| " | 1:45 | 3324 | 3306 | 41.318 S | 24.562 W | 10,3 | 178.7 | " | " |
| " | 2:00 | 3299 | 3276 | 41.375 S | 24.554 W | 11,3 | 180.1 | " | " |
| " | 2:15 | 2953 | 3000 | 46.91 S | 24.55 W | 11,5 | 180,4 | H. Schaf | " |
| " | 2:30 | ~3120 | 3193 | 49.71 S | 24.59 W | 11,8 | 180,7 | " | " |
| " | 2:45 | 3252 | 3165 | 52.32 S | 24.69 W | 11,5 | 180,5 | " | " |
| " | 3:00 | 3074 | 3174 | 55.34 S | 24.67 W | 11,4 | 179,6 | " | " |
| " | 3:15 | 3386 | 3372 | 58.25 S | 24.63 W | 11,5 | 180.3 | G. BOHRMANN | 4 |
| " | 3:30 | 3374 | 3371 | 47° 00.90 S | 24.58 W | 11,5 | 179.4 | " | " |
| " | 3:45 | 3475 | 3472 | 03.91 S | 24.57 W | 11,2 | 180.3 | " | " |
| " | 4:00 | 3307 | 3302 | 06.62 S | 24.55 W | 11,8 | 179.9 | " | " |
| " | 4:15 | 3206 | 3181 | 09.6 S | 24.6 W | 11,8 | 179.0 | Hermanns | " |
| " | 4:30 | 3166 | 3142 | 12.44 S | 24.601 W | 11,8 | 179.0 | Hoppmann | " |
| " | 4:45 | 2671 | 3303 | 15.286 S | 24.599 W | 11,3 | 179.8 | " | " |
| 2600 | 5:00 | 3396 | 3349 | 18.145 S | 24.529 W | 11,1 | 174.2 | " | " |
| 2700 | 5:15 | 3381 | 3379 | 18.127 S | 20.182 W | 10,6 | 29.6 | " | " |
| 2800 | 5:30 | 3165 | 3158 | 15.180 S | 20.153 W | 12,4 | 1.9 | " | " |
| 2900 | 5:45 | 3122 | 3061 | 11.906 S | 20.201 W | 12,3 | 1.3 | " | " |
| 3000 | 6:00 | 3186 | 3173 | 09.99 S | 20.14 W | 12,4 | 0.9 | C. Didie | " |



| Pulse | Range | Scale | Mode | Time | wt | R | H | M | Rolle Nr. | Tape Nr. | Remarks |
|-------|-------|-------|------|------|----|---|---|---|-----------|----------|---|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 7 | 9 | steile Topographie 2000-3400 m Ternissen |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 7 | 9 | zerklüftete Meeresbodenober- fläche, erste Sedimente, gute Position 46° 31,32' S 75° 19,99' W |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 7 | 9 | 3:24. Eindringtiefe > 100m |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | 120m Eindringtiefe, gute Schichtung Super-Reflektor! (gleiches) Eindringtiefe ~100m |
| u | u | u | u | u | u | u | u | u | u | u | |

x gutes Bodensediment, siehe Skizze!

| | | Tiefe | | Latitude | Longitude | Speed | Kurs | Wache | Frequenz |
|----------|-------|--------|--------|-------------|-------------|-------|-------|------------|----------|
| Date | Time | Ps | Hs | | | | | | |
| 25.12.93 | 6:15 | 3266 | 3257 | 47°05.93 S | 15°20.14 W | 12,0 | 1,4 | C. Ditté | 4 |
| " | 6:30 | 2705 | 3307 | 02.95 S | 20.13 W | 12,4 | 1,3 | " | " |
| " | 6:45 | 3310 | 3395 | 46°59.85 S | 20.12 W | 12,2 | 1,3 | " | " |
| " | 7:00 | 3051 | 3068 | 56.97 S | 20.10 W | 12,0 | 1,8 | " | " |
| " | 7:15 | 3162 | 3139 | 53.72 S | 20.09 W | 11,9 | 0,3 | G. Kuhn | " |
| " | 7:30 | 3147 | 3137 | 50.70 S | 20.08 W | 12,0 | 0,2 | " | " |
| " | 7:45 | 2906 | 2949 | 47.70 S | 20.07 W | 12,0 | 3,1 | " | " |
| " | 8:00 | 3310 | 3314 | 45.54 S | 20.02 W | 3,4 | 4,3 | " | " |
| " | 8:15 | - | 3322 | 45.428 S | 19.658 W | 1,4 | 153,8 | Harloff | " |
| " | 8:30 | - | 3322 | 45.575 S | 19.330 W | 1,5 | 126,0 | " | " |
| " | 8:45 | - | 3379 | 49.669 S | 19.026 W | 1,6 | 91,2 | " | " |
| " | 9:00 | 2789 | 28 | 46 45,790 S | 18,707 W | 0,6 | 79,6 | Hofmann | " |
| | 9:32 | | | | | | | | |
| | 9:45 | 2791 | 3383 | 46°45.61 S | 15°18.296 W | 4,3 | 268,4 | Hofmann | " |
| | 10:00 | 3331 | 3294 | 46°45.41 S | 15°20.241 W | 8,7 | 81,6 | Hofmann | " |
| | 10:15 | 1626 | 1706 | 46°45.04 S | 15°19.754 W | 1,1 | 81,9 | Ribe | " |
| | 10:35 | 3365 | 1983 | 46°43.80 S | 15°19.496 W | 8,0 | 352,4 | " | " |
| | 10:45 | 2792 | 1983 | 46°42.20 S | 15°19.826 W | 12,3 | 357,8 | " | " |
| | 11:00 | (2496) | (1983) | 46°38.9 S | 15°20.03 W | 12,5 | 359,0 | J. Fischer | " |
| | 11:15 | (2178) | (3245) | 46°35.9 S | 15°20.02 W | 12,1 | 359 | " | " |
| | 30 | 3216 | 3212 | 46°32.7 S | 15°20.01 W | 12,9 | 1,0 | J. Fischer | " |
| | 45 | 3198 | 3177 | 46°30.5 S | 15°20.05 W | 1,5 | 340 | J. F. | " |
| | 20:35 | 3147 | 3132 | 30,05 S | 19,96 W | 7,7 | 185 | G. Kuhn | 4 |
| | 20:44 | 3181 | 3170 | 30,76 S | 20,00 W | 0,5 | 92 | " | " |
| | 21:15 | 3159 | 3139 | 30,68 S | 19,39 W | 3,8 | 190 | " | " |
| | 21:30 | 3294 | 3280 | 31,16 S | 22,56 W | 11,5 | 255,7 | H. Stäb | " |
| | 21:45 | 3195 | 3203 | 31,78 S | 26,58 W | 11,9 | 256,1 | " | " |
| | 22:00 | 3279 | 3270 | 33,33 S | 28,97 W | 11,8 | 182,4 | " | " |
| | 22:15 | 3345 | 3327 | 36,30 S | 29,00 W | 12,0 | 180,9 | " | " |
| | 22:30 | 3450 | 3357 | 39,25 S | 29,00 W | 12,1 | 180,5 | " | " |
| | 22:45 | 3179 | 3157 | 42,25 S | 29,00 W | 11,8 | 179,9 | " | " |
| | 23:00 | 3280 | 3264 | 45,14 S | 29,00 W | 12,1 | 181,1 | " | " |
| | 23:15 | 3277 | 3280 | 48,13 S | 29,00 W | 11,7 | 180,5 | " | " |
| | 23:30 | 3203 | 3215 | 51,03 S | 29,00 W | 11,8 | 179,0 | " | " |
| | 23:45 | 2940 | 2931 | 54,01 S | 29,00 W | 12,1 | 180,1 | " | " |
| | 00:00 | 3004 | 3015 | 57,05 S | 29,00 W | 12,0 | 179,4 | " | " |



| lutse | Range | Scale | Node | Time | wt | R | H | M | Rolle Nr. | Tape Nr. | Bemerkungen |
|-------|-------|-------|------|------|-----|---|---|---|--------------|-------------|--|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 7 | 9 | immer wieder gute Reflektoren, aber sehr kurz |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| 4 | 5000 | 100 | 4 | 133 | 0.5 | 0 | 3 | 2 | 7 | 9 | Gerät mußte leider Kurzfristig abgeschaltet werden. Hydrosensivtest. Ausschalten des Gerätes 25 erst fache Tiefe ab 11:45 auf Station Frequenztest Abtest |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | 200 | " | 266 | 10 | 0 | 3 | 1 | 7 | 9 | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |

3100

3200

3300

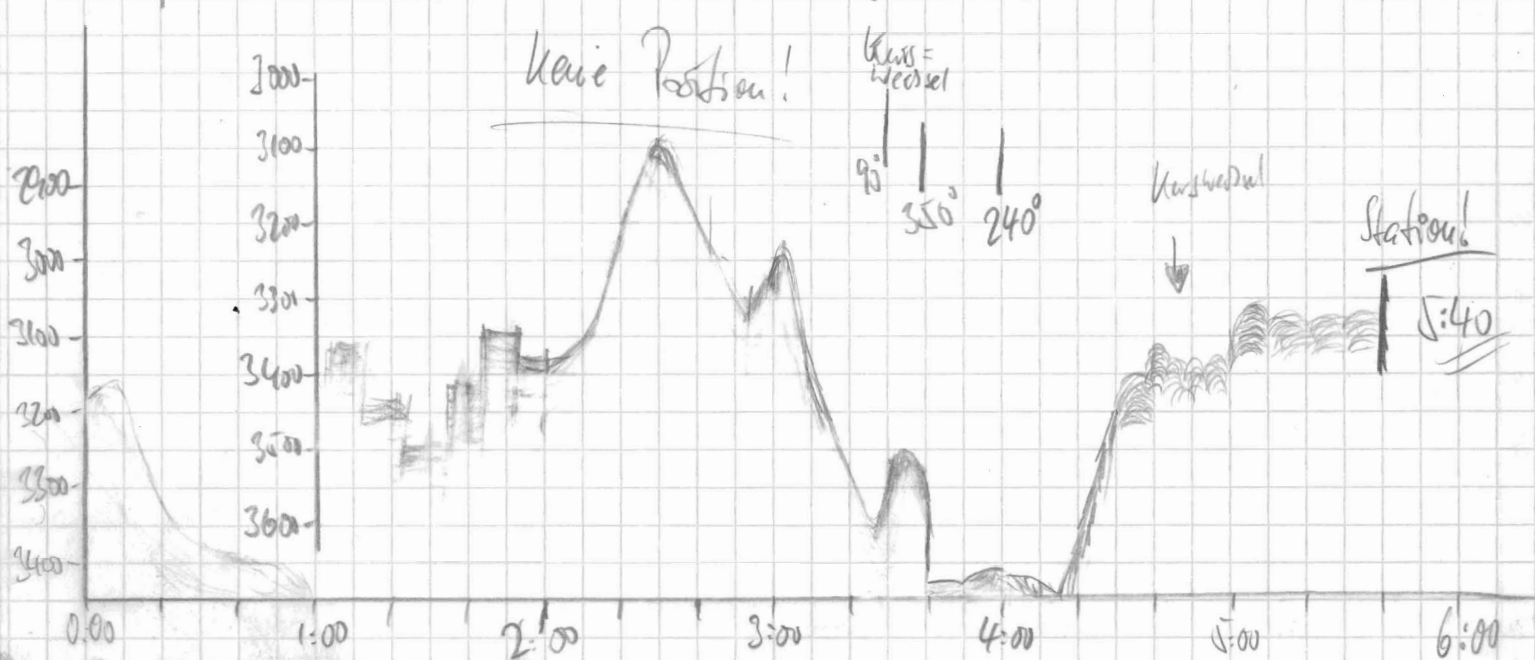
3400

22:00

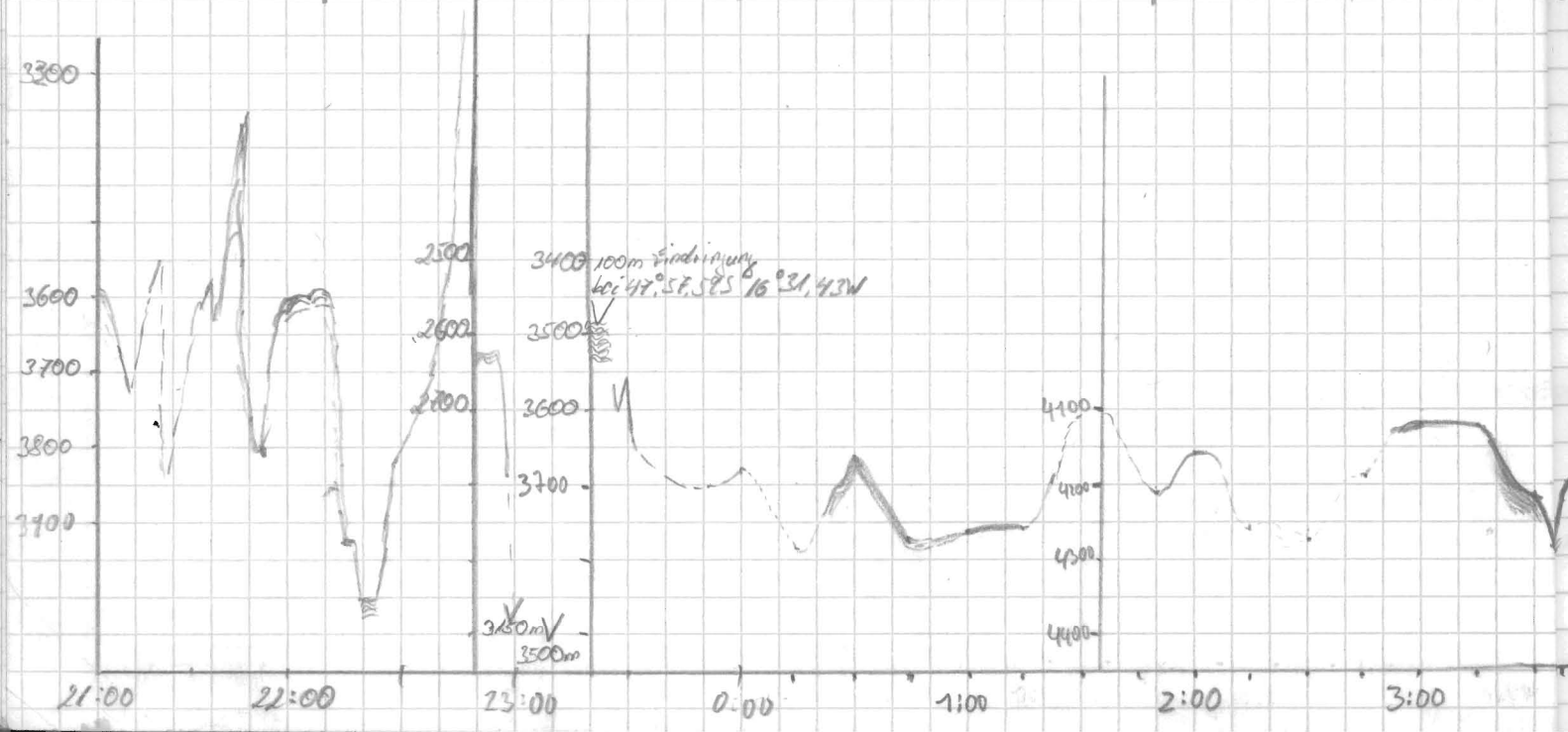
23:00

24:00

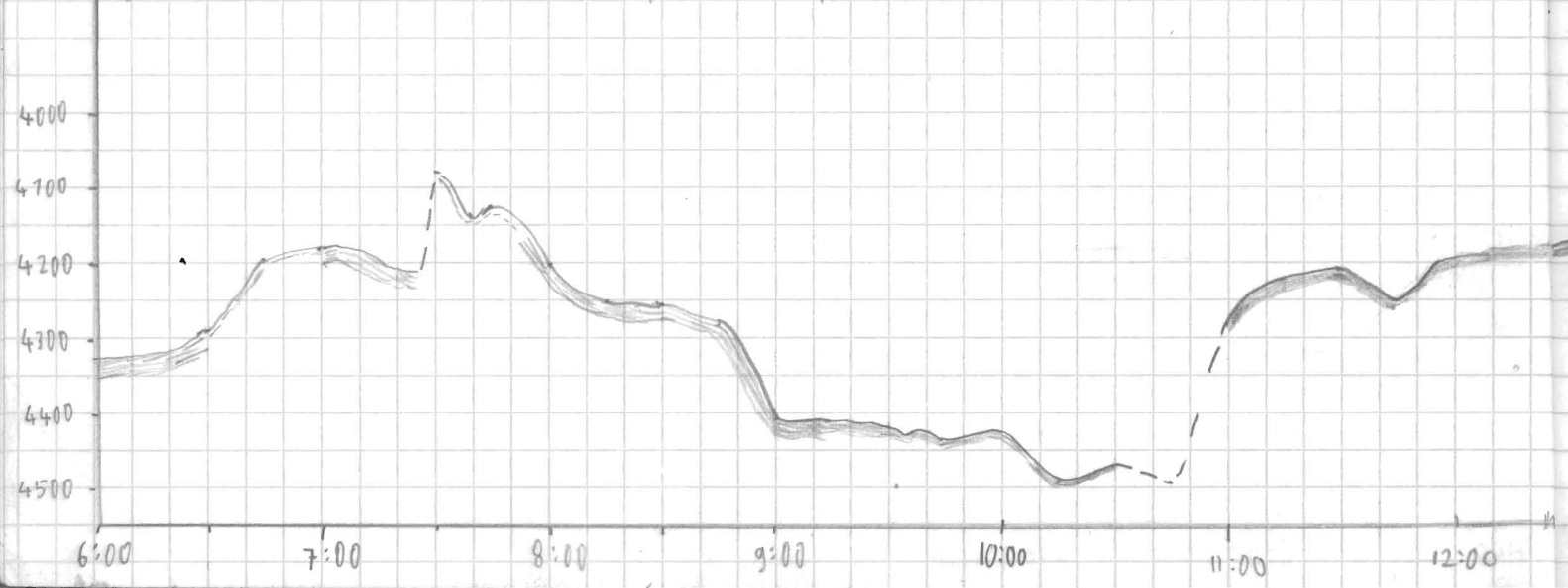
| Datum | Zeit | Tiefe | | Breite | Länge | Geschwindigkeit | Kurs | Wache | Frequenz |
|----------|-------|-------|----------|-------------|--------------|-----------------|-------|-----------|----------|
| | | PS | HS | | | Wind | | | |
| 26.12.93 | 0:15 | 3174 | 3186 | 46° 59.70 | 15° 29.00 | 11.8 | 179 | N. Steele | 4 |
| - | 0:30 | 3285 | 3266 | 47° 02.77 | 15° 28.99 | 11.6 | 180 | N. Steele | - |
| - | 0:45 | 3403 | 3162 (?) | 47° 05.68 | 15° 29.00 | 12.1 | 180.5 | N. Steele | - |
| - | 1:00 | 3419 | 3446 | 47° 09.86 | 15° 29.00 | 12.3 | 180 | N. Steele | - |
| - | 1:15 | 3293 | 3383 | 47° 11.66 | 15° 29.00 | 12.1 | 180 | N. Steele | - |
| - | 1:30 | 3541 | 3506 | 47° 14.67 | 15° 29.00 | 12.0 | 180 | N. Steele | - |
| - | 1:45 | 3363 | 3342 | 47° 16.78 | 15° 26.60 | 12.3 | 137 | N. Steele | - |
| - | 2:00 | 3440 | 3398 | 47° 19.15 | 15° 24.57 | 11.8 | 183 | N. Steele | - |
| - | 2:15 | 3272 | 3310 | 47° 22.07 | 15° 24.60 | 12.2 | 178 | N. Steele | - |
| - | 2:30 | 3084 | 3094 | 47° 25.13 | 15° 24.59 | 12.3 | 181 | N. Steele | - |
| - | 2:45 | 3224 | 3271 | 47° 28.21 | 15° 24.60 | 12.2 | 181 | N. Steele | - |
| - | 3:00 | 3339 | 3246 | 47° 31.41 | 15° 24.60 | 12.3 | 180 | N. Steele | - |
| - | 3:15 | 3582 | 3616 | 47° 34.29 | 15° 24.59 | 12.4 | 181 | N. Steele | - |
| - | 3:30 | 3528 | 3538 | 47° 37.31 | 15° 24.59 | 12.2 | 181 | N. Steele | - |
| - | 3:45 | 3536 | 3598 | 47° 37.32 | 15° 20.28 | 12.5 | 84.6 | N. Steele | - |
| - | 4:00 | 3432 | 3472 | 47° 34.36 | 15° 20.49 | 11.4 | 351 | N. Steele | - |
| - | 4:15 | 3544 | 3603 | 47° 34.81 S | 15° 23.13 W | 11.1 | 240 | N. Steele | - |
| - | 4:30 | 3890 | 3386 | 47° 36.14 S | 15° 26.75 W | 11.1 | 246 | N. Steele | - |
| - | 4:45 | 3854 | 3359 | 47° 37.20 S | 15° 30.11 W | 10.7 | 246 | N. Steele | - |
| - | 5:00 | 3894 | 3286 | 47° 37.51 S | 15° 28.92 W | 13.1 | 73.2 | N. Steele | - |
| - | 5:15 | 3867 | 3327 | 47° 36.90 S | 15° 28.22 W | 11.0 | 313 | N. Steele | - |
| - | 5:30 | 3399 | 3398 | 47° 35.98 S | 15° 27.89 W | 10.2 | 138 | N. Steele | - |
| - | 5:45 | 3358 | 3340 | 47° 37.53 S | 15° 25.83 W | 1.0 | 157 | N. Steele | - |
| - | 10:14 | | | | | | | | |
| " | 17:28 | 3372 | 3426 | 37° 29' S | 25° 43' W | 1.7 | 94 | G. Kuhn | 4 |
| " | 17:58 | 3333 | 3319 | 38° 19' S | 27° 16' W | 9.2 | 242 | " | " |
| " | 18:15 | 3312 | 3347 | 39° 22' S | 31° 39' W | 8.5 | 248.3 | N. Stahl | " |
| " | 18:30 | 3559 | 3530 | 40° 00' S | 34° 39' W | 9.1 | 248.2 | " | " |
| " | 18:45 | 3252 | 3231 | 40° 31' S | 37° 55' W | 9.1 | 250.5 | " | " |
| " | 19:00 | 3255 | 3241 | 41° 59' S | 40° 29' W | 8.4 | 248.9 | " | " |
| " | 19:15 | 3303 | 3294 | 42° 38' S | 43° 25' W | 10.1 | 250.0 | " | " |
| " | 19:30 | 3578 | 3568 | 43° 25' S | 46° 03' W | 9.5 | 248 | N. Steele | - |
| " | 19:45 | - | 3287 | 44° 06' S | 48° 09' W | 8.8 | 248 | Harhoff | " |
| " | 20:00 | 3177 | 3156 | 44° 38' S | 51° 24' W | 9.6 | 244.3 | " | " |
| " | 20:15 | - | 3389 | 45° 37' S | 54° 33' W | 10.2 | 244.3 | " | " |
| " | 20:30 | 3445 | 3423 | 46° 32' S | 57° 24' W | 7.6 | 244.7 | " | " |
| " | 20:45 | - | 3362 | 47° 37' S | 16° 00.549 W | 9.1 | 243.4 | " | " |



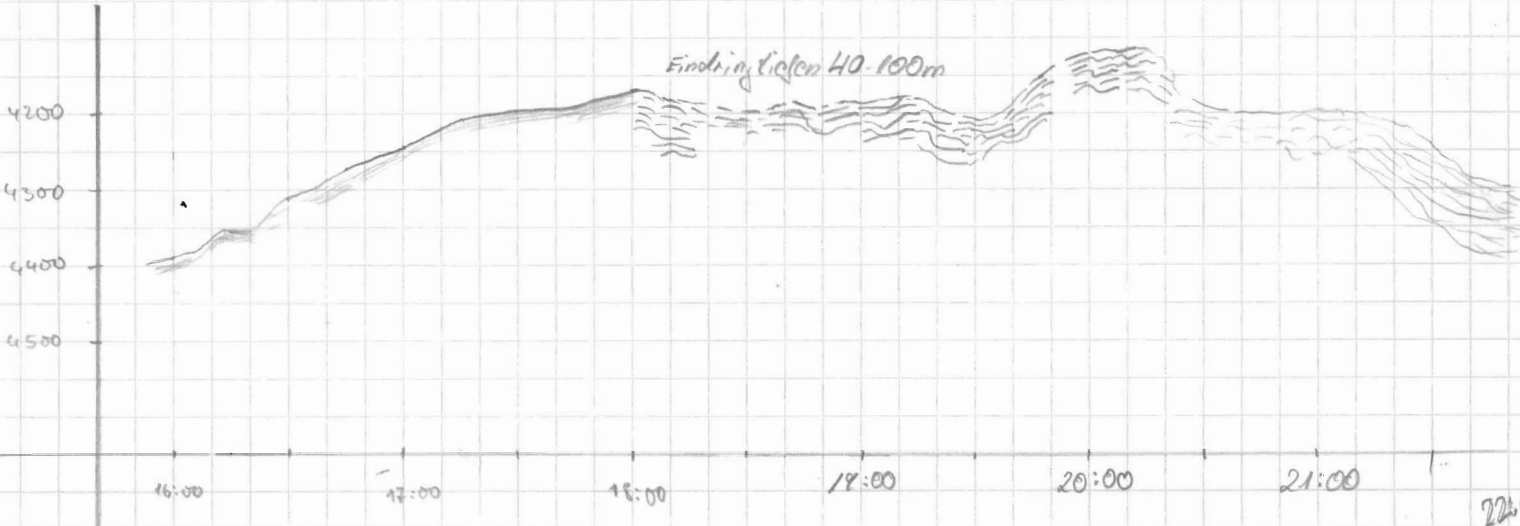
| Date | Time | Depth | | Latitude | Longitude | Speed | Kms | Wave | Frequency |
|----------|-------|-------|------|------------|------------|-------|-------|----------|-----------|
| | | PS | HS | | | | | | |
| 26.12.93 | 21:00 | 3583 | 3572 | 47°48.76'S | 16°03.58'W | 8.5 | 242.5 | Wooded | 4 |
| " | 21:15 | 3628 | 3658 | 49.534S | 06.504W | 8.5 | 249.0 | " | " |
| " | 21:30 | 3612 | 3622 | 50.216S | 09.215W | 9.2 | 248.4 | " | " |
| " | 21:45 | 27294 | 3396 | 51.36'S | 12.33W | 9.7 | 243 | Ku bin | " |
| " | 22:00 | - | 3666 | 52.49S | 15.15W | 8.7 | 240 | " | 6 |
| " | 22:15 | 3938 | 3921 | 53.41S | 18.13W | 9.3 | 248 | " | " |
| " | 22:30 | 3815 | 3804 | 54.24S | 21.03W | 8.9 | 247 | Wooded | 2 |
| " | 22:45 | 2794 | 2787 | 55.15S | 23.95W | 8.7 | 243 | " | " |
| " | 23:00 | 3445 | 3446 | 56.07S | 26.90W | 8.1 | 244 | " | " |
| " | 23:15 | 3522 | 3504 | 56.88S | 29.71W | 7.8 | 239 | " | " |
| " | 23:30 | 3521 | 3507 | 57.97S | 32.55W | 8.2 | 244 | " | " |
| " | 23:45 | 2440 | 3508 | 58.91S | 35.49W | 8.3 | 246 | " | " |
| 27.12.93 | 0:00 | 3687 | 3663 | 47°50.00S | 16°38.89W | 8.1 | 247 | C. Djidi | 11 |
| " | 0:15 | 3798 | 3784 | 48°00.76S | 41.19W | 7.5 | 242 | " | 11 |
| " | 0:30 | 2960 | 3660 | 01.63S | 43.94W | 7.6 | 240.6 | " | 11 |
| " | 0:45 | 2941 | 3772 | 02.67S | 46.77W | 8.3 | 246.0 | " | 11 |
| " | 1:00 | 2954 | 3766 | 03.55S | 49.49W | 7.8 | 238.7 | " | 11 |
| " | 1:15 | 2941 | 3752 | 04.44S | 52.34W | 9.2 | 245.5 | " | 11 |
| " | 1:30 | 3505 | 3605 | 05.36S | 55.25W | 8.4 | 242.9 | " | 11 |
| " | 1:52 | 3545 | 4221 | 06.68S | 59.21W | 8.0 | 245.7 | " | 11 |
| " | 2:00 | 3551 | 4161 | 07.20S | 17°00.72W | 8.8 | 244.2 | " | 11 |
| " | 2:15 | 3567 | 4254 | 08.17S | 03.50W | 9.5 | 246.2 | " | 11 |
| " | 2:30 | 3560 | 4264 | 09.16S | 06.41W | 9.5 | 244.2 | " | 11 |
| " | 2:45 | 3556 | 4183 | 09.99S | 09.14W | 8.0 | 243.2 | " | 11 |
| " | 3:00 | 4119 | 4104 | 10.82S | 11.74W | 7.0 | 246.8 | " | 11 |
| " | 3:15 | 4118 | 4127 | 11.53S | 14.04W | 8.1 | 244.0 | " | 11 |
| " | 3:30 | 3581 | 4214 | 12.38S | 16.45W | 6.5 | 239.3 | " | 11 |
| " | 3:45 | 3540 | 4209 | 13.26S | 19.20W | 6.3 | 239.6 | " | 11 |
| " | 4:00 | 3541 | 4199 | 14.08S | 21.63W | 8.2 | 240.5 | " | 11 |
| " | 4:15 | 3541 | 4228 | 15.17S | 24.26W | 7.3 | 237.2 | " | 11 |
| " | 4:30 | 3539 | 4251 | 16.09S | 26.93W | 7.5 | 245.8 | " | 11 |
| " | 4:45 | 4230 | 4268 | 16.79S | 29.44W | 7.0 | 245.2 | " | 11 |
| " | 5:03 | 4190 | 4197 | 17.67S | 32.27W | 7.3 | 234.9 | " | 11 |
| " | 5:15 | 4243 | 4247 | 18.22S | 34.24W | 7.0 | 246.7 | " | 11 |
| " | 5:30 | 4161 | 4172 | 18.94S | 36.39W | 5.9 | 242.4 | " | 11 |
| " | 5:45 | 3541 | 4157 | 48°19.75S | 17°38.84W | 7.5 | 242.2 | " | 11 |
| " | 6:00 | 3553 | 4325 | 20.64S | 41.47W | 6.6 | 235.2 | " | 11 |



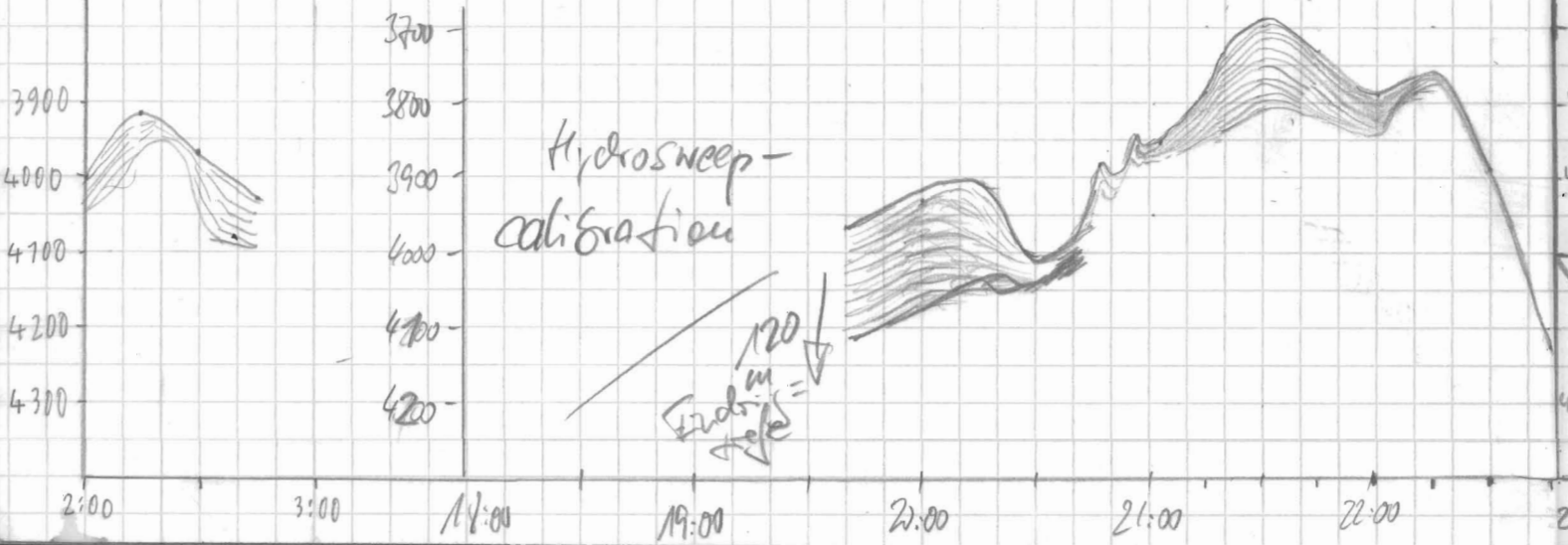
| Date | Time | Depth PS | HS | Latitude | Longitude | Speed | Kurs | Wache | Frequenz |
|----------|-------|-------------|------|-------------|--------------|-------|-------|----------|----------|
| 27.12.93 | 6:15 | - | 4285 | 48°21.509 S | 17°43.958 W | 6.9 | 241.2 | Harloff | 4 |
| " | 6:23 | | | | | | 300.0 | " | " |
| " | 6:30 | - | 4183 | 27.424 S | 45.837 W | 5.5 | 291.2 | " | " |
| " | 6:45 | 4206 | 4193 | 20.781 S | 47.965 W | 6.2 | 296.3 | " | " |
| " | 7:00 | - | 4180 | 20.761 S | 50.283 W | 6.2 | 268.8 | " | " |
| " | 7:15 | - | 4204 | 20.752 S | 52.722 W | 6.0 | 265.4 | " | " |
| " | 7:30 | 4072 | 4069 | 20.849 S | 55.169 W | 7.4 | 266.4 | " | " |
| " | 7:45 | - | 4139 | 20.896 S | 57.606 W | 6.6 | 267.8 | " | " |
| " | 8:00 | - | 4204 | 20.963 S | 18° 00.777 W | 7.0 | 268.0 | " | " |
| " | 8:15 | - | 4254 | 21.072 S | 62.344 W | 7.3 | 268.7 | " | " |
| " | 8:30 | - | 4257 | 21.087 S | 04.651 W | 7.5 | 275.0 | " | " |
| " | 8:45 | - | 4285 | 20.954 S | 06.861 W | 5.3 | 272.4 | " | " |
| " | 9:00 | 3618 | 4419 | 20.8 S | 09.0 W | 6.3 | 269.1 | Hermanns | " |
| " | 9:15 | 4424 | 4417 | 20.7 S | 11.2 W | 5.3 | 274.2 | Hermanns | " |
| " | 9:30 | 4419 | 4425 | 20.7 S | 13.4 W | 6.1 | 275.0 | Hermanns | " |
| " | 9:45 | 4436 | 4412 | 20.7 S | 15.6 W | 6.3 | 263.4 | Hermanns | " |
| " | 10:00 | - | 4422 | 20.8 S | 17.8 W | 5.4 | 263.7 | Hermanns | " |
| " | 10:15 | 4445 | 4498 | 20.78 | 19.96 W | 6.7 | 273 | Hermanns | " |
| " | 10:30 | - | 4423 | 21.5 | 21.8 | 6.4 | 240.9 | Hermanns | " |
| " | 10:45 | 4481 | 4471 | 22.2 | 23.8 | 6.2 | 244.2 | Hermanns | " |
| " | 11:00 | 4271 | 4271 | 22.8 | 25.6 | 5.4 | 240.6 | Hermanns | " |
| " | 11:15 | 4222 | 4234 | 23.5 | 27.7 | 6.0 | 245.8 | Hermanns | " |
| " | 11:30 | 4200 | 4205 | 24.0 | 29.6 | 5.8 | 248.2 | Hermanns | " |
| " | 11:45 | 4253 | 4233 | 24.6 | 31.3 | 5.5 | 236.2 | Hermanns | " |
| " | 12:00 | 4182 | 3746 | 48°25.29 | 18°32.66 W | 2.4 | 230.0 | Hofmann | " |
| " | 12:15 | 4174 | 4160 | 48°25.687 S | 18°33.50 W | 3.2 | 248.0 | Hofmann | " |
| " | 12:30 | 4137 | 4131 | 48°26.023 S | 18°34.649 W | 3.0 | 253.0 | Hofmann | " |
| " | 12:45 | 4121 | 4114 | 26.377 S | 18°35.64 W | 2.7 | 244.0 | Hofmann | " |
| " | 13:00 | 4111 | 4092 | 48°26.790 S | 18°36.78 W | 3.4 | 230.0 | Hofmann | " |
| " | 13:15 | 4111 | 4102 | 27.250 S | 18°38.012 W | 4.0 | 246.0 | Hofmann | " |
| " | 13:30 | 4166 | 4169 | 27.835 S | 18°39.831 W | 4.2 | 233.0 | Hofmann | " |
| " | 13:45 | 4172 | 4172 | 28.200 S | 18°40.73 W | 3.5 | 220.0 | Hofmann | " |
| " | 14:00 | 4174 | 4169 | 28.474 S | 18°41.61 W | 3.7 | 249.0 | Hofmann | " |
| " | 14:15 | 4188 | 4179 | 29.146 S | 43.70 W | 4.0 | 244.8 | Hofmann | " |
| " | 14:30 | 4195 | 4185 | 29.248 S | 44.36 W | 4.5 | 244.2 | Hofmann | " |
| " | 14:45 | 4203 | 4204 | 29.692 S | 45.206 W | 3.6 | 251.3 | Hofmann | " |
| " | 15:00 | 4236 | 4232 | 48°30.093 S | 18°46.290 W | 3.0 | 249.1 | Hofmann | " |
| " | 15:15 | 4268 | 4257 | 30.46' S | 47.43 W | 3.8 | 246.5 | H. Stabs | " |
| " | 15:30 | 4277 | 4279 | 30.82' S | 48.69 W | 3.3 | 250.9 | " | " |
| " | 15:45 | 4413 | 4410 | 31.34' S | 50.01 W | 3.4 | 244.8 | " | " |
| " | 16:00 | 4388 | 4388 | 31.81' S | 52.22 W | 4.2 | 245.2 | " | " |



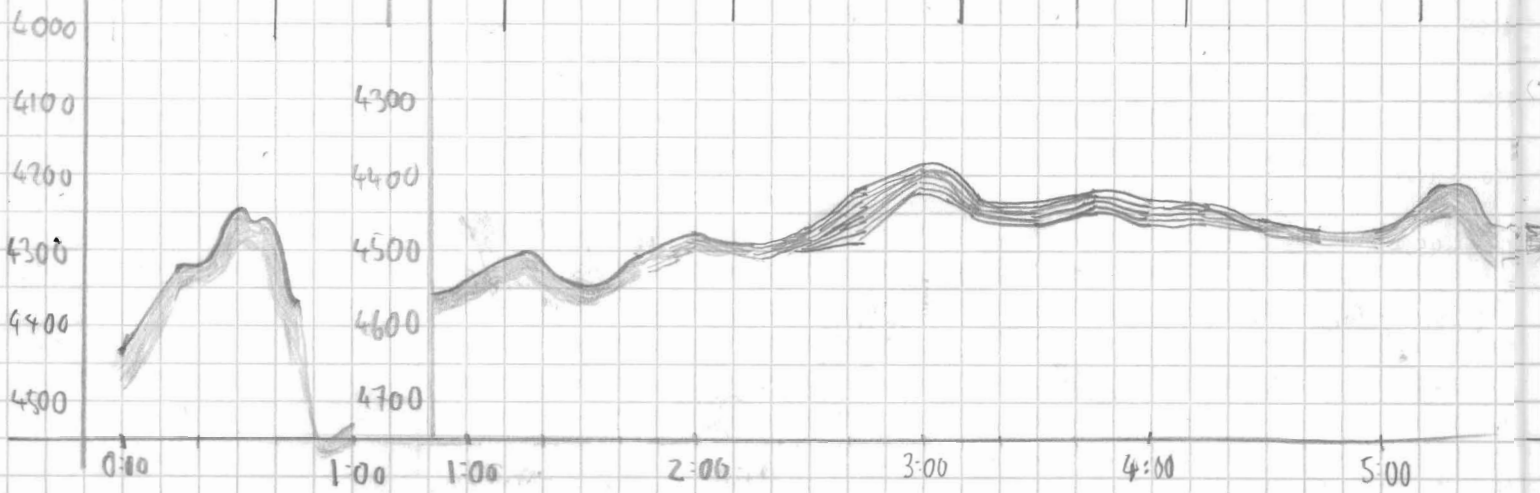
| | | Tide | | | | | | | | | | | |
|----------|-------|-------|------|-------------|---|------------|-----------------|------|-------|-----------|----------|--|--|
| Datum | Zeit | PS | HS | Brüte | | Sampe | Geschwindigkeit | Kurs | Werte | Dache | Freigang | | |
| 27.12.93 | 16:15 | 4251 | 4346 | 48° 32,25' | S | 18° 52,44' | W | 3,9 | 235,0 | H. Shale | 4 | | |
| " | 16:30 | ~4320 | 4325 | 32,72' | S | 53,65' | W | 4,2 | 239,4 | " | " | | |
| " | 16:45 | 4272 | 4270 | 33,23' | S | 55,05' | W | 4,7 | 243,4 | " | " | | |
| " | 17:00 | 4243 | 4239 | 33,70' | S | 56,32' | W | 3,8 | 246,7 | " | " | | |
| " | 17:15 | 4214 | 4216 | 34,15' | S | 57,68' | W | 3,9 | 243,6 | " | " | | |
| " | 17:30 | 4196 | 4183 | 34,62' | S | 58,86' | W | 4,3 | 244,2 | " | " | | |
| " | 17:45 | 4181 | 4172 | 35,12' | S | 19° 00,31' | W | 3,6 | 244,9 | " | " | | |
| " | 18:00 | 4169 | 4162 | 35,57' | S | 01,66 | W | 4,4 | 247,0 | " | " | | |
| " | 18:15 | 4173 | 4168 | 35,99' | S | 03,00 | W | 3,7 | 247,0 | Hoppmann | " | | |
| " | 18:30 | 4181 | 4176 | 36,45' | S | 04,42 | W | 4,3 | 240,8 | Wardel | " | | |
| " | 18:45 | 4199 | 4192 | 37,09' | S | 06,43 | W | 8,1 | 241,3 | " | " | | |
| " | 19:00 | 4201 | 4195 | 37,02' | S | 09,03 | W | 7,3 | 238,1 | " | " | | |
| " | 19:15 | 4188 | 4193 | 38,96' | S | 11,62 | W | 8,1 | 240,0 | " | " | | |
| " | 19:30 | 4219 | 4215 | 39,82' | S | 14,38 | W | 8,3 | 240,5 | " | " | | |
| " | 19:45 | 4196 | 4192 | 40,83' | S | 16,87 | W | 8,0 | 241,5 | " | " | | |
| " | 20:00 | 4128 | 4132 | 41,82' | S | 19,75 | W | 8,0 | 238,6 | " | " | | |
| " | 20:15 | 4136 | 4126 | 42,80' | S | 22,48 | W | 8,2 | 239,7 | " | " | | |
| " | 20:30 | 4184 | 4175 | 43,80' | S | 25,40 | W | 8,1 | 242,5 | " | " | | |
| " | 20:45 | 4234 | 4229 | 44,65' | S | 28,80 | W | 7,3 | 243,4 | " | " | | |
| " | 21:00 | 4228 | 4228 | 45,58' | S | 30,43 | W | 8,1 | 242,5 | " | " | | |
| " | 21:15 | 4201 | 4201 | 46,56' | S | 33,23 | W | 8,2 | 241,0 | N. Steele | " | | |
| " | 21:30 | 4247 | 4237 | 47,79' | S | 36,64 | W | 7,5 | 238 | N. Steele | " | | |
| " | 21:45 | 4280 | 4274 | 48,48' | S | 38,60 | W | 8,6 | 241 | N. Steele | " | | |
| " | 22:00 | 4303 | 4301 | 49,46' | S | 41,33 | W | 6,9 | 241 | N. Steele | " | | |
| " | 22:15 | 4319 | 4318 | 50,39' | S | 44,00 | W | 8,8 | 240 | " | " | | |
| " | 22:30 | 4305 | 4305 | 51,44' | S | 46,98 | W | 9,5 | 243 | " | " | | |
| " | 22:45 | 4237 | 4228 | 52,43' | S | 50,03 | W | 8,7 | 241 | " | " | | |
| " | 23:00 | 4219 | 4232 | 53,56' | S | 52,98 | W | 9,0 | 238 | " | " | | |
| " | 23:15 | 4168 | 4156 | 54,64' | S | 56,01 | W | 8,3 | 241 | " | " | | |
| " | 23:30 | 3543? | 4169 | 55,73' | S | 59,04 | W | 8,6 | 243 | " | " | | |
| " | 23:45 | 3042? | 4197 | 56,81' | S | 20° 02,08' | W | 8,3 | 242 | " | " | | |
| " | 24:00 | - | 4199 | 57,77' | S | 04,781 | W | 8,1 | 241 | Harloff | " | | |
| 28.12.93 | 0:18 | 4215 | 4213 | 59,152' | S | 08,793 | W | 9,8 | 243 | " | " | | |
| " | 0:30 | 4202 | 4196 | 59,950' | S | 11,120 | W | 8,5 | 242,3 | " | " | | |
| " | 0:45 | 4195 | 4185 | 49° 01,064' | S | 14,331 | W | 9,8 | 240,6 | " | " | | |
| " | 1:00 | 4167 | 4169 | 02,247' | S | 17,561 | W | 9,6 | 243,4 | " | " | | |
| " | 1:15 | 4179 | 4170 | 03,340' | S | 20,712 | W | 9,8 | 243,4 | " | " | | |
| " | 1:30 | 4156 | 4147 | 04,481' | S | 24,021 | W | 10,1 | 243,3 | " | " | | |
| " | 1:45 | 4070 | 4055 | 05,640' | S | 27,327 | W | 10,4 | 241,2 | " | " | | |
| " | 2:00 | 4004 | 3955 | 06,837' | S | 30,725 | W | 10,2 | 241,1 | " | " | | |



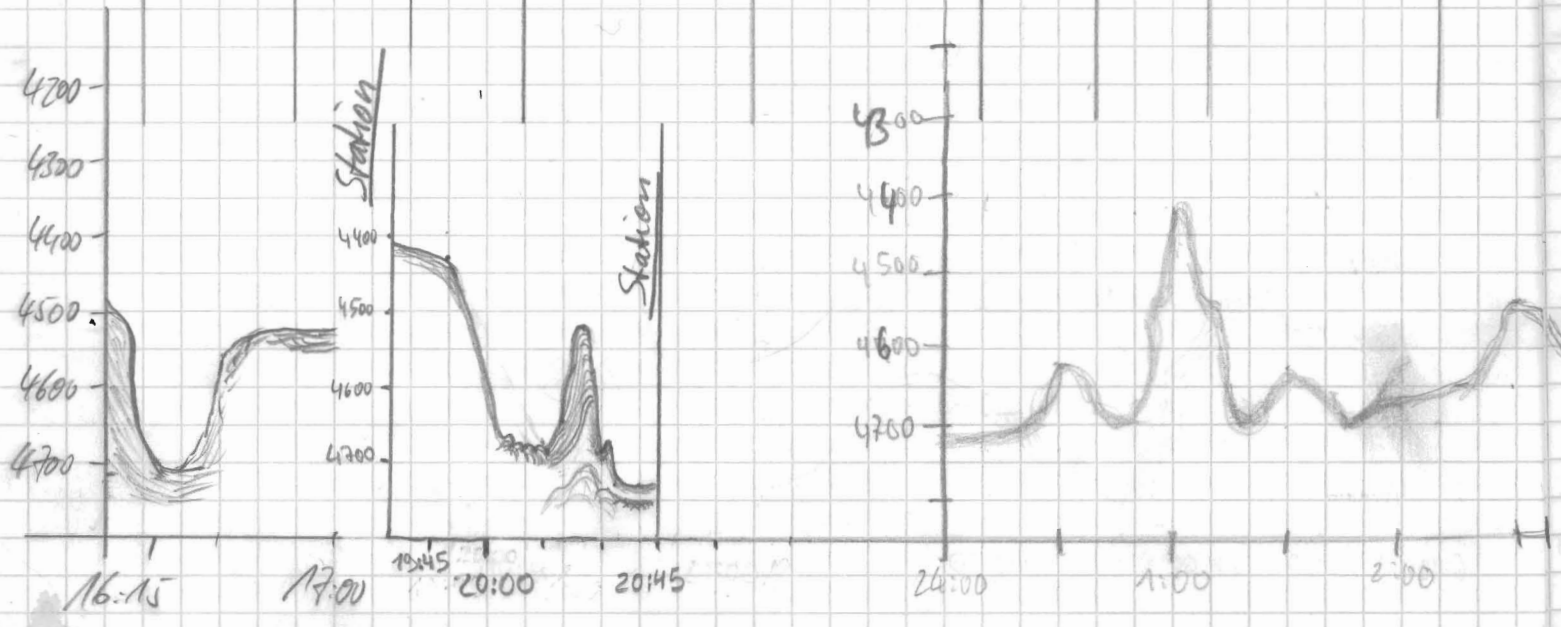
| Datum | Zeit | Tiefe | | Breite | Länge | Speed | Kurs | Wache | Ergebnis |
|----------|-------|-------|------|--------------|--------------|-------|-------|----------------|----------|
| | | PS | HS | | | | | | |
| 28.12.93 | 2:15 | 3918 | 3910 | 49° 07,990 S | 20° 33,987 W | 9.8 | 241,0 | Harloff | 4 |
| " | 2:30 | 3967 | 3956 | 09,317 S | 37,757 W | 9.8 | 241,1 | " | " |
| " | 2:45 | 4037 | 4034 | 10,390 S | 40,727 W | 10.6 | 241,5 | " | " |
| " | 3:00 | 4059 | 4057 | 11,898 S | 44,710 W | 11.4 | 243,5 | " | " |
| " | 3:15 | 4063 | 4056 | 12,909 S | 47,608 W | 10.3 | 242,5 | " | " |
| " | 3:30 | 4070 | 4061 | 14,042 S | 51,161 W | 10.8 | 246,9 | " | " |
| " | 3:45 | 4068 | 4060 | 15,236 S | 54,653 W | 10.2 | 241,5 | " | " |
| " | 4:00 | 4082 | 4112 | 16,422 S | 58,057 W | 10.6 | 243,2 | " | " |
| " | 4:15 | 4085 | 4110 | 17,664 S | 21° 01,576 W | 11.1 | 241,4 | " | " |
| " | 4:30 | 4099 | 4124 | 18,874 S | 04,825 W | 10.8 | 241,9 | " | " |
| " | 4:45 | 4083 | 4110 | 20,009 S | 08,093 W | 10.1 | 243,3 | " | " |
| " | 5:00 | 4075 | 4108 | 22,273 S | 14,917 W | 11.3 | 243 | " | " |
| " | 5:20 | 4065 | 4091 | 22,687 S | 16,040 W | 10.9 | 241,6 | " | " |
| " | 5:30 | 4052 | 4081 | 23,543 S | 18,349 W | 10.7 | 241,8 | " | " |
| " | 5:45 | 4028 | 4061 | 24,815 S | 22,038 W | 10.9 | 242,5 | Hoppmann | " |
| " | 6:00 | 4014 | 4040 | 25,142 S | 23,538 W | 0.5 | 28 | " | S/S |
| " | 17:30 | 4011 | 3992 | 24,33 S | 23,71 W | 2.7 | 12.8 | Humb | 4 |
| " | 18:15 | 4003 | 3987 | 49° 25,28 S | 21° 20,07 W | 10.8 | 235 | N. Suede | 4 |
| " | 18:30 | 3969 | 3951 | 26,79 S | 28,35 W | 10.8 | 234 | N. Suede | 4 |
| " | 18:45 | 3910 | 3894 | 28,01 S | 31,13 W | 7.5 | 131 | N. Suede | 4 |
| " | 19:00 | 3971 | 3954 | 26,62 S | 27,87 W | 10.6 | 231 | N. Suede | 4 |
| " | 19:15 | 4006 | 3988 | 44,25 S | 24,89 W | 10.7 | 231 | N. Suede | 4 |
| " | 19:30 | 4007 | 3988 | 25,01 S | 24,38 W | 10.9 | 236.6 | N. Suede | 4 |
| " | 19:45 | 3972 | 4000 | 26,62 S | 28,02 W | 11.3 | 238 | N. Suede | 4 |
| " | 20:00 | 3910 | 3901 | 28,00 S | 31,33 W | 10.5 | 237 | N. Suede | 4 |
| " | 20:15 | 3910 | 3889 | 29,61 S | 34,69 W | 10.9 | 234 | N. Suede | 4 |
| " | 20:30 | 4007 | 3993 | 31,08 S | 37,85 W | 9.4 | 234 | B. BOHANN | 4 |
| " | 20:45 | 3979 | 3954 | 32,79 S | 41,44 W | 11.6 | 234 | N. Suede | 4 |
| " | 21:00 | 3887 | 3875 | 34,31 S | 44,82 W | 10.7 | 237 | N. Suede | 4 |
| " | 21:15 | 3784 | 3762 | 35,84 S | 48,20 W | 11.3 | 233,9 | C. Didie | " |
| " | 21:30 | 3695 | 3672 | 37,45 S | 51,58 W | 11.6 | 235,3 | " | " |
| " | 21:45 | 3734 | 3717 | 38,98 S | 55,09 W | 11.4 | 236,1 | " | " |
| " | 22:00 | 3780 | 3760 | 40,48 S | 58,64 W | 11.1 | 236,0 | " | " |
| " | 22:15 | 3756 | 3731 | 41,99 S | 22° 02,07 W | 11.1 | 234,8 | " | " |
| " | 22:30 | 3888 | 3867 | 43,51 S | 05,36 W | 11.0 | 235,7 | " | " |
| " | 22:45 | 4121 | 4098 | 45,03 S | 08,75 W | 11.0 | 231,9 | " | " |
| " | 23:00 | 4359 | 4392 | 46,61 S | 11,98 W | 11.1 | 232,8 | Didie/Valmbois | " |
| " | 23:15 | 4675 | 4672 | 48,14 S | 15,24 W | 11.2 | 234,4 | Didie | " |
| " | 23:30 | 4583 | 4582 | 49,69 S | 18,68 W | 11.3 | 235,7 | " | " |
| " | 23:45 | 4508 | 4499 | 51,24 S | 22,06 W | 10.6 | 233,9 | " | " |
| " | 0:00 | 4435 | 4433 | 52,68 S | 25,36 W | 10.4 | 234,6 | " | " |



| Datum | Zeit | Tiefe | | Breite | Länge | Speed | Kurs | Wache | Frg |
|----------|-------|-------|------|------------|-------------|-------|-------|-----------|-----|
| | | PS | HS | | | | | | |
| 29.12.93 | 0:15 | 4321 | 4313 | 49° 54,2 S | 27° 28,8 W | 10,7 | 237,8 | Hermann | 4 |
| " | 0:30 | 4248 | 4243 | 55,7 S | 31,9 W | 10,6 | 235,0 | Hermann | " |
| " | 0:45 | 4371 | 4351 | 57,2 S | 35,4 W | 10,7 | 235,8 | Hermann | " |
| " | 1:00 | 4545 | 4532 | 18,7 S | 38,7 W | 11,2 | 234,0 | Hermann | " |
| " | 1:15 | 4507 | 4493 | 50° 00,3 S | 42,0 W | 10,3 | 232,8 | Hermann | " |
| " | 1:30 | 4551 | 4530 | 50° 01,8 S | 45,4 W | 10,6 | 233,0 | Hermann | " |
| " | 1:45 | - | 4507 | 03,3 S | 48,8 W | 10,7 | 237,0 | Hermann | " |
| " | 2:00 | 4474 | 4463 | 04,8 S | 52,1 W | 10,8 | 233,7 | Hermann | " |
| " | 2:15 | 4493 | 4481 | 06,4 S | 55,5 W | 11,2 | 231,3 | Hermann | " |
| " | 2:30 | 4465 | 4449 | 07,9 S | 59,0 W | 11,0 | 234,9 | Hermann | " |
| " | 2:45 | 4414 | 4410 | 09,5 S | 23° 02,4 W | 11,2 | 236,6 | Hermann | " |
| " | 3:00 | 4389 | 4376 | 11,1 S | 05,8 W | 10,7 | 234,9 | Hermann | " |
| " | 3:15 | 4433 | 4422 | 12,6 S | 09,3 W | 11,0 | 234,2 | Hermann | " |
| " | 3:30 | 4472 | 4461 | 14,2 S | 12,7 W | 11,1 | 231,2 | Hermann | " |
| " | 3:45 | 4465 | 4479 | 15,9 S | 16,1 W | 11,2 | 234,4 | Hermann | " |
| " | 4:00 | 4431 | 4420 | 17,3 S | 19,7 W | 10,9 | 235,1 | Hermann | " |
| " | 4:15 | 4436 | 4423 | 18,8 S | 23,1 W | 8,2 | 236,4 | Hermann | " |
| " | 4:30 | 4456 | 4445 | 19,5 S | 24,5 W | 0,6 | 299,9 | Hermann | " |
| " | 4:45 | 4459 | 4449 | 19,7 S | 25,0 W | 0,6 | 255,1 | Hermann | " |
| " | 5:00 | 4459 | 4448 | 19,7 S | 24,4 W | 8,1 | 41,2 | Hermann | " |
| " | 5:15 | 4410 | 4399 | 17,9 S | 21,1 W | 11,5 | 56,5 | Hermann | " |
| " | 5:30 | 4458 | 4448 | 16,3 S | 17,4 W | 11,8 | 55,4 | Hermann | " |
| " | 5:45 | 4468 | 4459 | 15,1 S | 14,8 W | 0,2 | 150,8 | Hermann | " |
| " | 6:00 | 4469 | 4460 | 15 139 S | 14,76 W | 0,4 | 130 | Hofmann | " |
| " | 10:57 | 4467 | 4458 | 14,90 S | 14,6 W | 1,9 | 59,3 | Kuhn | 4 |
| " | 11:32 | 4473 | 4460 | 14,60 S | 13,65 W | 0,4 | 85 | " | 4 |
| " | 13:30 | 4475 | 4463 | 16,80 S | 16,91 W | 14,0 | 236,1 | Ward cl | 5,5 |
| " | 13:45 | 4405 | 4416 | 18,58 S | 21,18 W | 9,5 | 237,1 | " | " |
| " | 14:00 | 4465 | 4457 | 20,05 S | 24,18 W | 14,5 | 237,7 | " | " |
| " | 14:15 | 4628 | 4610 | 21,15 S | 27,52 W | 12,6 | 238,6 | " | " |
| " | 14:30 | 4660 | 4677 | 23,35 S | 32,15 W | 12,4 | 236,2 | " | " |
| " | 14:45 | 4591 | 4614 | 25,57 S | 37,96 W | 12,5 | 235,6 | " | " |
| " | 15:00 | 4536 | 4559 | 26,86 S | 40,89 W | 12,4 | 236,9 | " | " |
| " | 15:15 | 4539 | 4558 | 28,60 S | 44,83 W | 12,4 | 235 | N. Sneele | " |
| " | 15:30 | 4563 | 4587 | 30,42 S | 48,76 W | 12,6 | 235 | N. Sneele | " |
| " | 15:45 | 4614 | 4635 | 32,19 S | 52,64 W | 12,6 | 235 | N. Sneele | " |
| " | 16:00 | 4688 | 4718 | 33,99 S | 56,80 W | 12,7 | 235,2 | C. Didie | " |
| " | 16:15 | 4730 | 4756 | 35,77 S | 24° 01,09 W | 12,8 | 236 | | " |



| Datum | Zeit | Tiefe | | Breite | Länge | Speed | Tours | Wache | Tiq |
|----------|---------|-------|------|---------------|--------------|-------|-------|-------------|-----|
| | | PS | HS | | | | | | |
| 29.12. | 16:30 | 4551 | 4549 | 50.37.58 S | 24° 05.29 W | 12.7 | 235 | N. Siede | 4 |
| - | 16:45 | 4819 | 4831 | 39.63 S | 08.52 W | 12.2 | 259 | N. Siede | |
| - | 17:00 | 481 | 4812 | 41.94 S | 11.80 W | 12.6 | 237 | N. Siede | |
| - | 17:15 | - | 4446 | 43.65 S | 16.07 W | 12.4 | 237 | G. Kuhn | |
| - | 17:30 | 4421 | 4440 | 45.32 S | 20.21 W | 12.0 | 214 | A. Hoffmann | |
| - | 17:45 | 4451 | 4468 | 50° 41' 92" S | 24° 19' 5" W | - | - | N. Siede | |
| u | 18:50 | 4434 | 4453 | 45.76 S | 20.26 W | 9.4 | 240 | G. Kuhn | |
| u | 20:08.7 | 4710 | 4730 | 46.80 S | 23.13 W | 10.2 | 241.3 | C. Didi | 11 |
| u | 20:15 | 4660 | 4685 | 47.46 S | 24.91 W | 10.0 | 240.4 | " | " |
| u | 20:30 | 4683 | 4715 | 48.67 S | 28.36 W | 10.1 | 242.1 | " | " |
| u | 20:45 | 4732 | 4763 | 49.75 S | 31.77 W | 5.6 | 244.1 | " | " |
| u | 23:50 | 4732 | 4759 | 50.40 S | 29.81 W | - | - | Harloff | " |
| 30.12.93 | 24:00 | 4732 | 4760 | 50.24 S | 37.35 W | 11.5 | 301.5 | Hoffmann | " |
| u | 00:15 | 4717 | 4745 | 48.76 S | 29.85 W | 10.2 | 301.4 | Hoffmann | " |
| u | 00:30 | 4651 | 4672 | 50.25 S | 26.47 W | 10.4 | 361.1 | Hoffmann | " |
| u | 00:45 | 4696 | 4678 | 45.29 S | 22.03 W | 10.3 | 53.8 | Hoffmann | " |
| u | 01:00 | 4425 | 4454 | 45.07 S | 24.70 W | 8.1 | 213.6 | Hoffmann | " |
| u | 01:15 | 4704 | 4736 | 46.70 S | 22.98 W | 10.2 | 239.5 | Hoffmann | " |
| u | 01:30 | 4633 | 4657 | 47.40 S | 26.36 W | 9.5 | 240.7 | Hoffmann | " |
| u | 01:45 | - | 4739 | 48.97 S | 29.79 W | 9.0 | 303.7 | Hoffmann | " |
| u | 02:00 | 4687 | 4713 | 48.41 S | 24.79 W | 10.3 | 60.3 | Hoffmann | " |
| u | 02:15 | 4651 | 4703 | 47.16 S | 24.25 W | 10.3 | 61.2 | Hoffmann | " |
| u | 02:30 | 4536 | 4683 | 46.21 S | 21.89 W | 9.9 | 230.8 | Hoffmann | " |
| u | 02:45 | 4635 | 4657 | 48.34 S | 25.67 W | 11.8 | 240.8 | Hoffmann | " |
| u | 03:00 | 4729 | 4753 | 49.13 S | 29.59 W | 12.0 | 235.0 | Hoffmann | " |
| u | 03:15 | 4747 | 4771 | 51.49 S | 33.67 W | 12.0 | 240.0 | Hoffmann | " |
| u | 03:30 | 4731 | 4752 | 53.06 S | 37.72 W | 12.2 | 239.0 | Hoffmann | " |
| u | 03:45 | 4192 | 4169 | 54.71 S | 41.78 W | 12.6 | 232.0 | Hoffmann | " |
| u | 04:00 | 4260 | 4302 | 56.40 S | 45.79 W | 12.3 | 236.3 | Wedel | 5.5 |
| u | 04:15 | 4428 | 4483 | 58.12 S | 49.86 W | 12.5 | 234.6 | " | " |
| u | 04:30 | 4159 | 4161 | 59.87 S | 53.91 W | 12.4 | 236.7 | " | " |
| u | 04:45 | 3983 | 3983 | 51° 01.59 S | 58.12 W | 12.7 | 232.7 | " | " |
| u | 05:00 | 3690 | 3706 | 03.36 S | 25° 02.08 W | 12.9 | 233.3 | " | " |
| u | 05:15 | 2930 | 2907 | 05.21 S | 06.33 W | 12.6 | 237.9 | " | " |
| u | 05:30 | 2848 | 2812 | 06.89 S | 10.34 W | 12.5 | 237.6 | " | " |
| u | 05:45 | 2675 | 2645 | 08.62 S | 14.45 W | 12.5 | 232.9 | " | " |
| u | 06:00 | 2247 | 2214 | 10.26 S | 18.39 W | 9.9 | 238.1 | " | " |

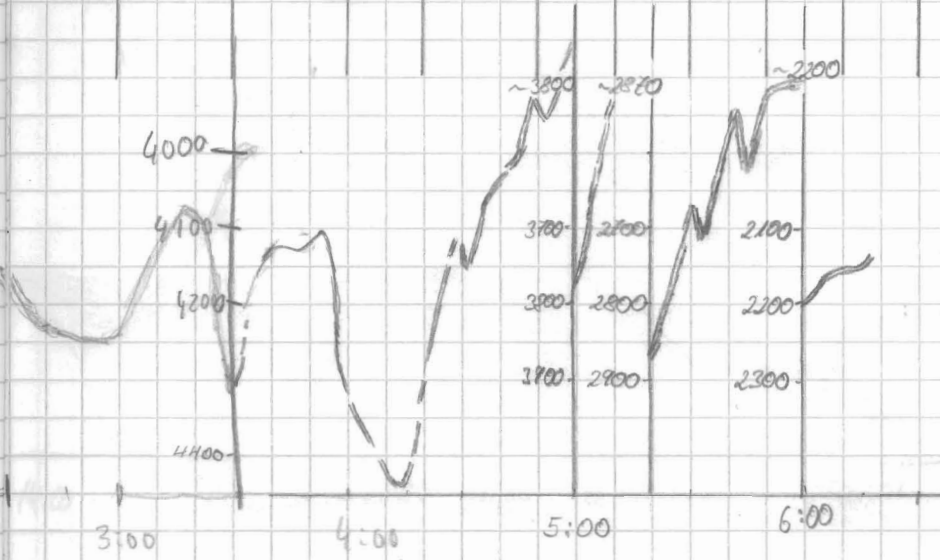


| Platz | Range | Scale | Kode | Time | WT | R | H | M | Row Nr. | Row Nr. | Bemerkung |
|-------|-------|-------|------|------|----|---|---|---|------------|------------|-----------|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 9 | 13 | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |
| u | u | u | u | u | u | u | u | u | u | u | |

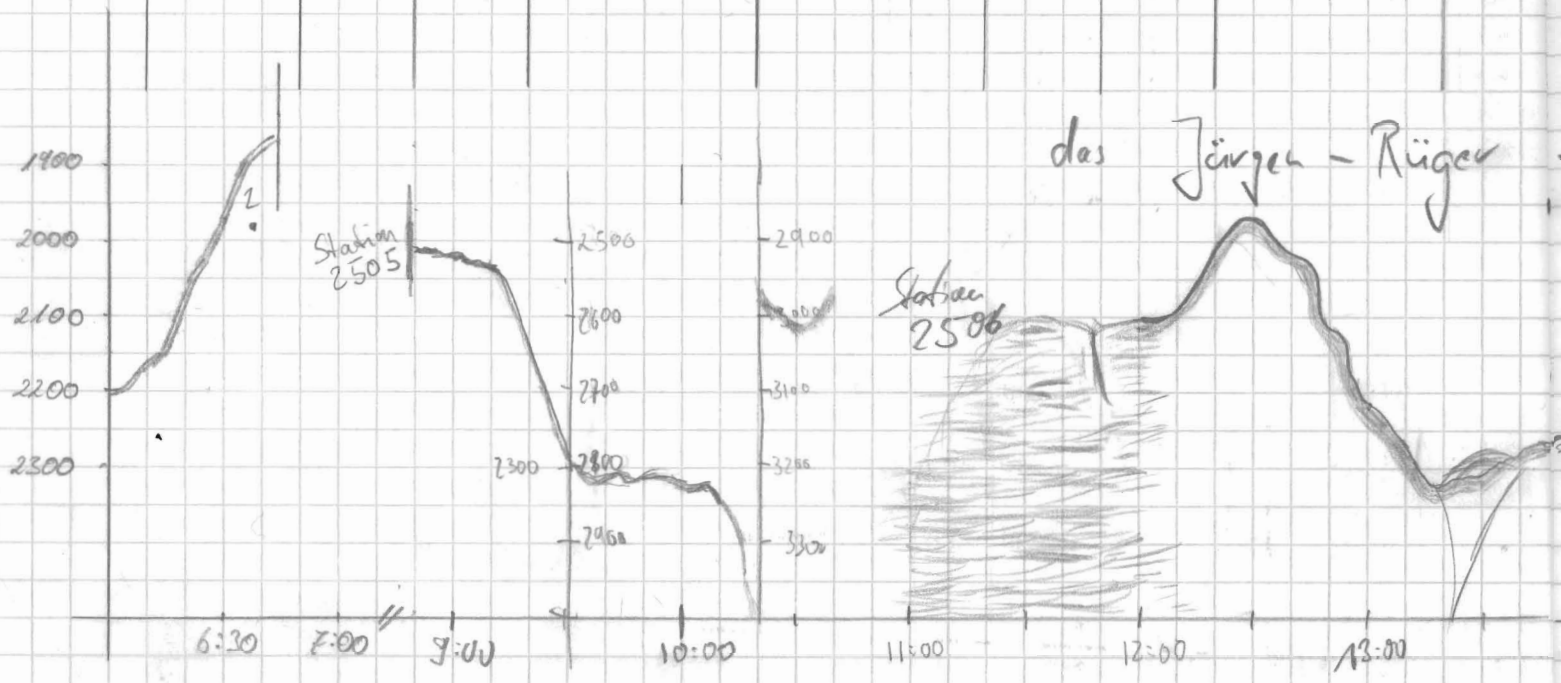
Stationen! nach MUC beendet
MUC voll Mangan Knollen
Naher findet sich

20:44 Stationsbeginn
Stationsende, HS-Verfahren, Papier, Kneten, Spindlung
Papier, Kneten, Spindlung

Versuchswechsel / Hydrosweep
V. versuchswechsel / Testprogramm



| Datum | Zeit | Tiefe | | Breite | Länge | Speed | Stens | Wache | Fry Pa |
|----------|-------|-------|------|--------------|--------------|-------|-------|-------------|--------|
| | | PS | HS | | | | | | |
| 30.12.93 | 6:15 | 2148 | 2122 | 51° 11,405 S | 25° 20,005 W | 12,0 | 232,5 | Waddel | 5,5 |
| " | 6:30 | 2038 | 1952 | 11,43 S | 25,21 W | 10,1 | 269,5 | " | " |
| " | 6:45 | 2038 | 1877 | 11,44 S | 28,23 W | - | - | " | " |
| " | 8:49 | 2037 | 1819 | 11,32 S | 29,04 W | 3,5 | 219 | Kulm | 4 |
| -4- | 9:15 | 1578 | 1888 | 14,81 S | 32,18 W | 10,8 | 209 | N. Steede | 4 |
| -6- | 9:30 | 2292 | 2206 | 16,83 S | 34,72 W | 9,5 | 258 | N. Steede | " |
| " | 9:45 | 2815 | 2745 | 14,21 S | 36,07 W | 10,8 | 199 | A. Hofmann | " |
| " | 10:00 | 2842 | 2810 | 21,48 S | 38,20 W | 10,6 | 212 | A. Hofmann | " |
| " | 10:15 | 2914 | 2945 | 23,69 S | 40,61 W | 10,7 | 213 | A. Hofmann | " |
| " | 10:25 | 2991 | 3007 | 24,97 S | 42,07 W | 10,9 | 215 | A. Hofmann | " |
| " | 10:30 | 3035 | 3050 | 25,93 S | 42,11 W | 11,1 | 215 | A. Hofmann | " |
| " | 10:33 | 3003 | 3019 | 26,059 S | 43,78 W | 7,4 | 208 | A. Hofmann | -4- |
| " | 10:45 | 3004 | 3028 | 25,30 S | 42,47 W | 9,2 | 309 | A. Hofmann | -4- |
| -4- | 12:19 | 2996 | 2996 | 24,36 S | 41,86 W | 8,0 | 314 | N. Steede | -4- |
| -4- | 12:30 | 2901 | 2909 | 22,75 S | 44,02 W | 11,6 | 320 | N. Steede | -4- |
| -4- | 12:45 | 2942 | 2951 | 22,77 S | 46,89 W | 11,7 | 321 | N. Steede | -4- |
| -4- | 13:00 | 3104 | 3120 | 51° 18,62 S | 25° 49,95 W | 11,9 | 320 | N. Steede | -4- |
| -4- | 13:15 | 3201 | 3220 | 16,54 S | 53,07 W | 11,6 | 320 | N. Steede | -4- |
| -4- | 13:30 | 3213 | 3236 | 51° 14,52 S | 25° 56,07 W | 11,7 | 319 | N. Steede | -4- |
| -4- | 13:45 | 3168 | 3171 | 13,02 S | 59,28 W | 10,2 | 235 | N. Steede | -4- |
| -4- | 14:00 | 3167 | 3171 | 14,81 S | 26° 02,65 W | 11,3 | 230 | N. Steede | -4- |
| -4- | 14:15 | 3174 | 3178 | 16,67 S | 06,18 W | 11,8 | 232 | N. Steede | -4- |
| -4- | 14:30 | 3192 | 3196 | 18,43 S | 09,70 W | 11,6 | 232 | N. Steede | -4- |
| -4- | 14:45 | 3180 | 3188 | 20,26 S | 13,48 W | 11,6 | 231 | N. Steede | -4- |
| -4- | 15:00 | 3240 | 3219 | 21,89 S | 13,99 W | 10,2 | 155 | N. Steede | -4- |
| -6- | 15:15 | 3252 | 3258 | 23,073 S | 11,32 W | 9,7 | 320 | J. Steede | - |
| 30.12.93 | 21:30 | 3003 | 3011 | 51° 22,6 S | 26° 19,2 W | 1,3 | 277,8 | R. Hermanns | " |
| " | 21:45 | 3112 | 3081 | 23,9 S | 20,5 W | 14,9 | 213,8 | Hermanns | " |
| " | 22:00 | 3272 | 3243 | 26,8 S | 25,8 | 16,1 | 229,8 | Hermanns | " |
| " | 22:15 | 3322 | 3292 | 29,2 S | 29,1 W | 16,2 | 224,6 | Hermanns | 40 |
| " | 22:30 | 3375 | 3348 | 32,4 S | 32,2 W | 15,9 | 181,7 | Hermanns | " |
| " | 22:45 | 3378 | 3343 | 36,3 S | 32,2 W | 15,8 | 181,1 | Hermanns | " |
| " | 23:00 | 3385 | 3357 | 40,4 S | 32,1 W | 16,3 | 180,6 | Hermanns | " |
| " | 23:15 | 3469 | 3440 | 44,6 S | 32,0 W | 16,2 | 182,0 | Hermanns | " |



| Runse | Range | Scale | Mode | Time | wt | R | H | M | Roll No. | Band No. |
|-------|-------|-------|------|------|-----|-----|-----|------|----------|----------|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 4 | 13 |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| 4 | 5000 | 100 | 4 | 133 | 10 | 0 | 3 | 1 | 4 | 13 |
| 4 | -4- | -11- | -11- | -4- | -4- | -4- | -4- | -11- | -4- | -4- |
| ✓ | " | " | " | " | " | " | " | " | " | " |
| ✓ | " | " | " | " | " | " | " | " | " | " |
| h | " | " | " | " | " | " | " | " | " | " |
| h | " | " | " | " | " | " | " | " | " | " |
| h | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -6- | -6- | -6- | -6- | -6- | -6- | -6- | -6- | -6- | -6- | -6- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- | -4- |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |

Station 2505

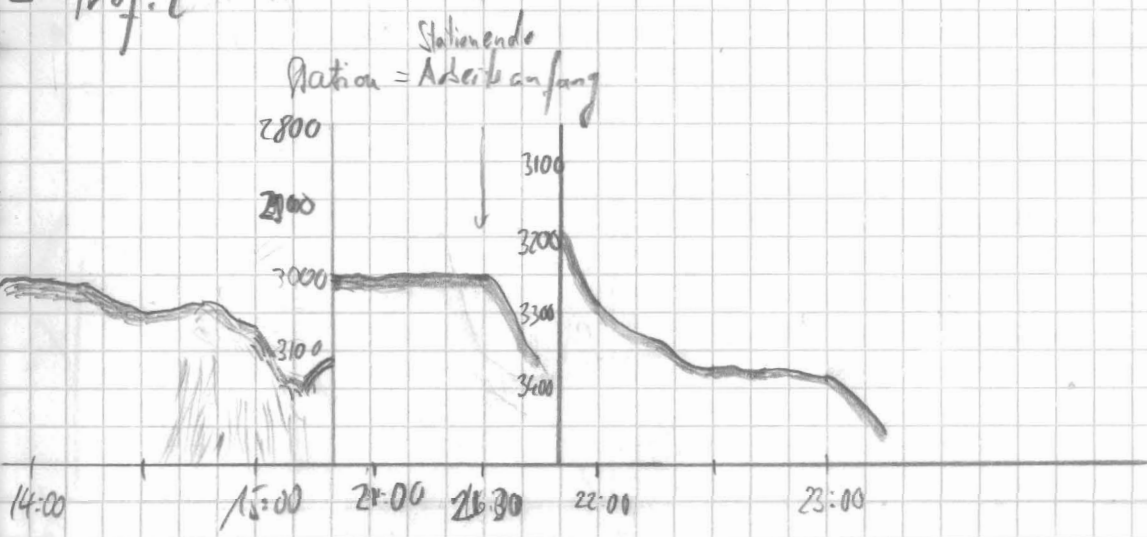
Station 2506

Kreisänderung auf 226

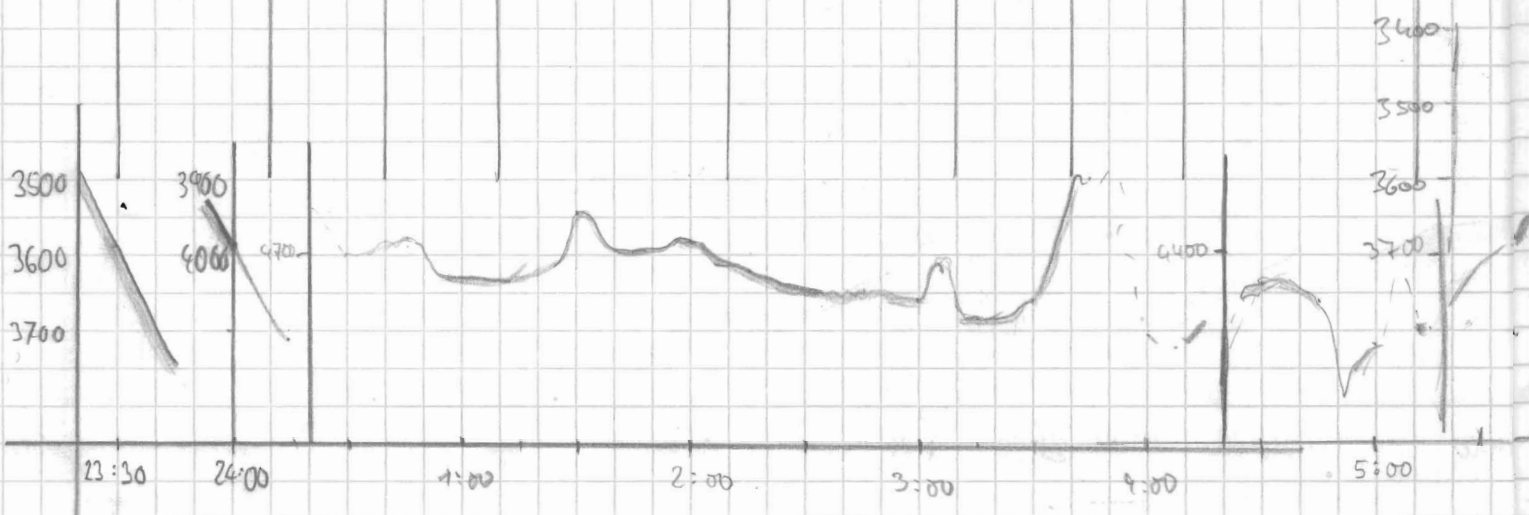
Station 2507

Stationen
bye bye liebe gute alte Station
Aufzeichnung wiederbelebt

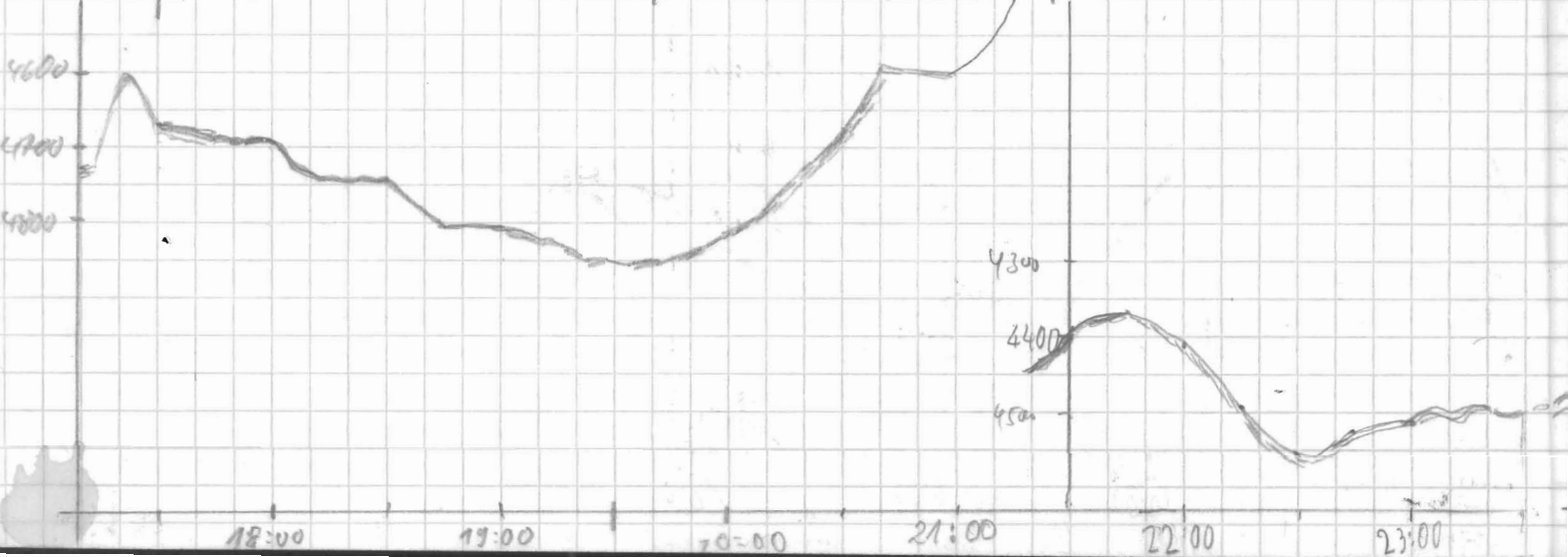
- Profil



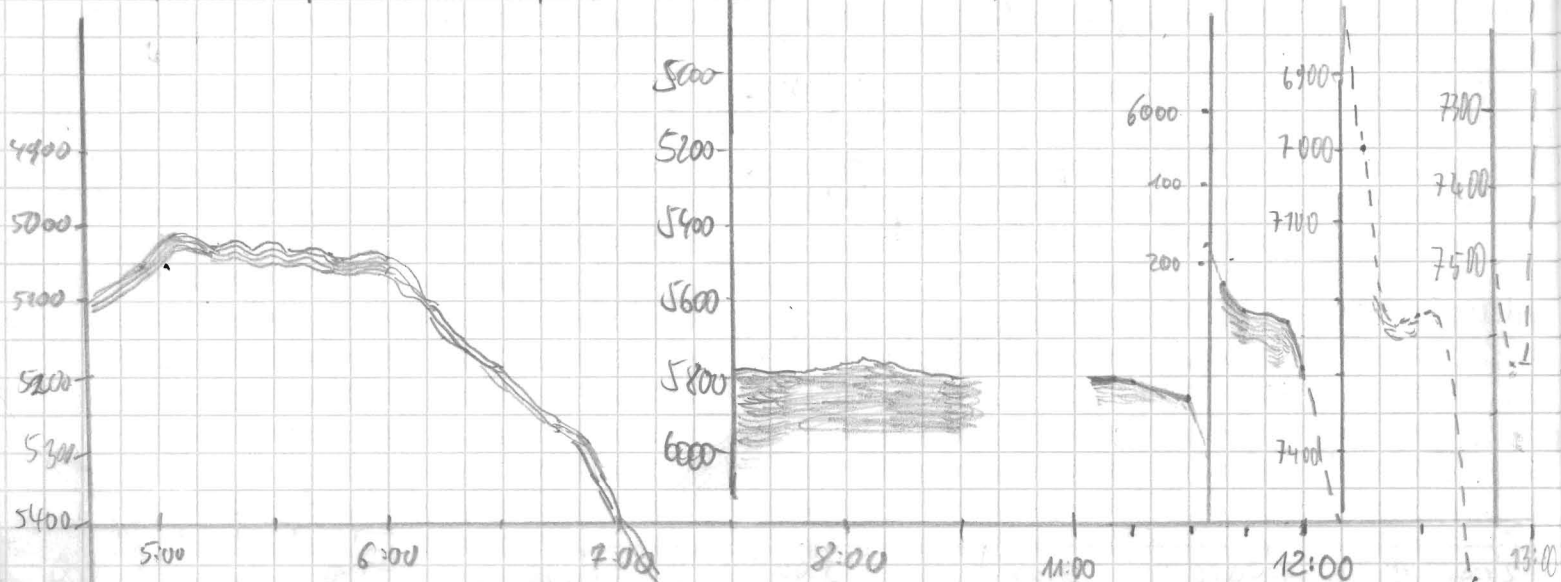
| Datum | Zeit | Tiefe PS | Tiefe HS | Breite | Länge | Speed | Kurs | Wache | Freq. Pa |
|------------|-------|----------|----------|--------------|--------------|-------|-------|------------|----------|
| 30.12.93 | 23:30 | 3574 | 3547 | 51° 48,5 S | 26° 31,8 W | 16,2 | 182,4 | Hermanns | 4 |
| " | 23:45 | 3743 | 3724 | 52,6 S | 31,8 W | 16,5 | 181,1 | Hermanns | " |
| " | 24:00 | - | 3992 | 56,5 S | 34,4 W | 15,7 | 215,0 | " | " |
| 31.12.93 | 00:15 | 4137 | 4128 | 51° 59,16' S | 26° 37,31' W | 15,5 | 215,7 | H. Schäfer | " |
| | 00:30 | 4700 | 4667 | 52° 02,53' S | 40,02' W | 15,3 | 216,5 | " | " |
| | 00:45 | 4664 | 4657 | 05,39' S | 44,25' W | 15,2 | 216,0 | " | " |
| | 01:19 | 4741 | 4737 | 12,58' S | 52,30' W | 15,2 | 216,4 | " | " |
| | 1:30 | 4648 | 4648 | 14,67' S | 54,56' W | 15,2 | 214,7 | " | " |
| | 1:45 | 4692 | 4684 | 17,86' S | 57,94' W | 15,5 | 212,0 | " | " |
| | 2:00 | 4673 | 4666 | 21,03' S | 27° 01,47' W | 15,5 | 209,7 | " | " |
| | 2:15 | 4736 | 4732 | 24,14' S | 04,85' W | 15,5 | 210,0 | " | " |
| | 2:36 | 4745 | 4741 | 26,89' S | 08,22' W | 12,8 | 330,5 | " | " |
| | 2:45 | 4745 | 4740 | 29,05' S | 10,00' W | 14,8 | 329,4 | " | " |
| | 3:00 | 4765 | 4758 | 21,89' S | 12,20' W | 14,4 | 28,8 | " | " |
| | 3:15 | 4781 | 4777 | 18,80' S | 09,12' W | 14,4 | 32,9 | " | " |
| | 3:30 | 4760 | 4758 | 15,86' S | 05,91' W | 14,5 | 29,9 | " | " |
| | 3:45 | 4609 | 4603 | 12,78' S | 03,12' W | 14,2 | 28,4 | " | " |
| | 4:00 | ~4805 | 4795 | 09,69' S | 00,02' W | 14,2 | 25,9 | " | " |
| | 4:15 | 4785 | 4761 | 06,81' S | 26° 57,22' W | 13,8 | 24,0 | " | " |
| | 4:30 | 4439 | 4438 | 03,88' S | 54,48' W | 14,1 | 21,3 | " | " |
| | 4:45 | 4465 | 4459 | 01,05' S | 51,75' W | 13,7 | 25,3 | " | " |
| | 5:00 | 4563 | 4556 | 51° 58,08' S | 26° 49,01' W | 13,9 | 31,9 | " | " |
| | 5:15 | ~4490 | 4438 | 55,23' S | 46,28' W | 13,9 | 29,2 | " | " |
| | 5:30 | 3752 | 3747 | 52,34' S | 43,59' W | 13,7 | 29,1 | " | " |
| | 5:45 | 3642 | 3632 | 49,46' S | 40,76' W | 13,5 | 31,1 | " | " |
| | 6:00 | 3544 | 3527 | 46,61' S | 38,04' W | 13,5 | 31,4 | " | " |
| | 6:15 | 3450 | 3433 | 43,69' S | 35,31' W | 13,6 | 34,7 | " | " |
| | 6:30 | 3389 | 3398 | 40,97' S | 32,73' W | 7,8 | 36,2 | " | " |
| | 6:41 | 3386 | 3391 | 40,32' S | 32,12' W | 2,0 | 161,4 | " | " |
| | 9:48 | 3389 | 3398 | 41,31' S | 31,99' W | 9,3 | 209 | Hahn | " |
| S. Svesder | 10:00 | 3432 | 3442 | 43,49' S | 26° 34,56' W | 13,7 | 213 | W. Spode | " |
| " | 10:15 | 3518 | 3528 | 46,37' S | 3E,30' W | 13,9 | 213 | Wadcl | " |
| " | 10:30 | 3620 | 3631 | 49,30' S | 40,16' W | 13,9 | 211 | " | " |
| " | 10:45 | 3717 | 3724 | 52,15' S | 42,89' W | 13,9 | 211,8 | C. Didié | " |
| " | 11:00 | 4259 | 4295 | 55,06' S | 45,87' W | 13,6 | 215,8 | Wadcl | " |
| " | 11:15 | 4557 | 4564 | 50,82' S | 48,63' W | 12,7 | 208,8 | " | " |
| " | 11:30 | 4466 | 4479 | 52° 00,87' S | 51,23' W | 13,4 | 210,8 | " | " |
| " | 11:45 | 4439 | 4448 | 03,42' S | 54,09' W | 11,7 | 218,2 | " | " |
| " | 12:00 | 4438 | 4447 | 03,58' S | 54,17' W | | | " | " |
| " | 16:51 | 4719 | 4730 | 9,30' S | 48,42' W | 9,7 | 205 | Hahn | " |
| " | 17:00 | 4733 | 4742 | 10,95' S | 50,02' W | 12,7 | 215 | " | " |



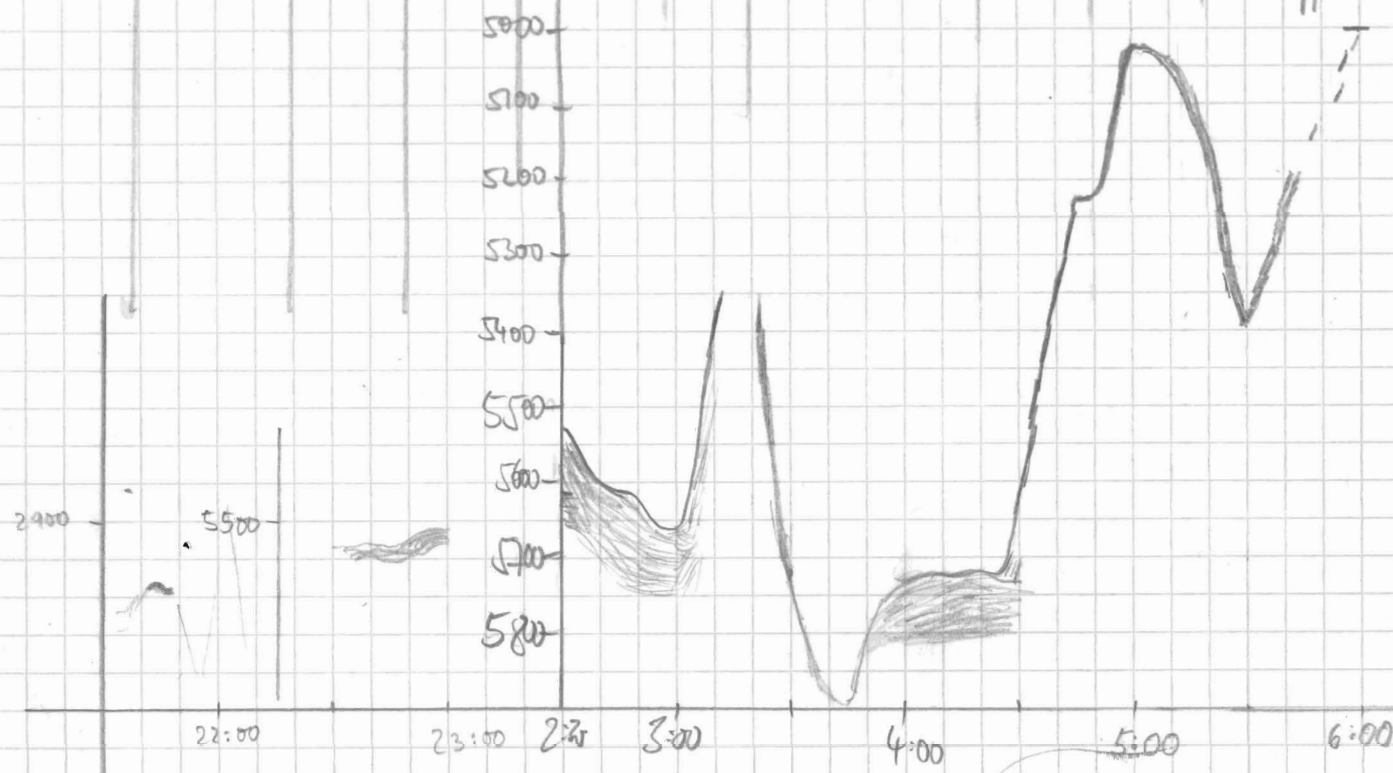
| Datum | Zeit | Time PS | Time HS | Breite | Länge | Speed | Kurs | Wacht | Frey |
|--------------------|-------|------------|---------------|---------------|--------------|-------|------------|------------|------|
| 31.12.93 | 17:15 | 4737 | 4745 | 52° 13,55' S | 26° 53,10' W | 12,8 | 215 | Kuhn | 4 |
| " | 17:30 | 4676 | 4682 | 15,87' S | 56,18' W | 12,7 | 216 | " | " |
| " | 17:45 | 4689 | 4673 | 18,53' S | 59,67' W | 12,9 | 218 | " | " |
| " | 18:00 | 4686 | 4741 | 20,45' S | 27° 03,06' W | 12,7 | 214 | " | " |
| " | 18:15 | 4740 | 4798 | 22,90' S | 06,53' W | 12,7 | 216 | H. Stüb | " |
| " | 18:30 | 4745 | 4820 | 25,22' S | 09,98' W | 12,8 | 217,6 | " | " |
| " | 18:45 | 4763 | 4789 | 27,63' S | 13,30' W | 13,0 | 215,0 | " | " |
| " | 19:00 | 4809 | 4832 | 30,04' S | 16,66' W | 12,8 | 216,0 | " | " |
| Silbersee Party | 19:15 | 4837 | 4859 | 52° 32,61' S | 19,88' W | 13,0 | 215,8 | H. Hofmann | " |
| | 19:30 | 4832 | 4850 | 35,17' S | 23,16' W | 12,9 | 214,1 | A. Hofmann | " |
| | 19:45 | 4825 | 4852 | 37,55' S | 26,06' W | 13,0 | 217,0 | A. Hofmann | " |
| | 20:00 | 4784 | 4814 | 39,80' S | 28,98' W | 12,8 | 215,0 | A. Hofmann | " |
| | 20:15 | 4729 | 4760 | 42,67' S | 32,54' W | 12,5 | 214,7 | Woodel | " |
| | 20:30 | 4653 | 4625 | 45,13' S | 35,47' W | 12,4 | 214,6 | " | " |
| | 20:45 | 4590 | 4615 | 47,58' S | 38,51' W | 12,7 | 215,0 | " | " |
| | 21:00 | 4577 | 4603 | 41,37' S | 41,43' W | 12,5 | 214,5 | " | " |
| | 21:15 | 4511 | 4495 | 57,7' S | 44,4' W | 12,6 | 214,2 | Hermanns | " |
| | 21:30 | 4416 | 4399 | 55,2' S | 47,2' W | 12,6 | 214,6 | Hermanns | " |
| 21:45 | 4365 | 4347 | 58,0' S | 49,7' W | 12,7 | 211,2 | Hermanns | " | |
| 22:00 | 4415 | 4397 | 53° 00,709' S | 27° 52,280' W | 12,7 | 214,2 | Harloff | " | |
| 22:15 | 4495 | 4479 | 03,404' S | 54,901' W | 12,5 | 215,1 | " | " | |
| 22:30 | 4558 | 4542 | 06,120' S | 57,597' W | 12,8 | 214,8 | " | " | |
| 22:45 | 4535 | 4519 | 08,843' S | 28° 00,208' W | 13,0 | 211,5 | " | " | |
| 23:00 | 4518 | 4500 | 11,454' S | 02,594' W | 12,8 | 211,8 | " | " | |
| 23:22 | 4477 | 4463 | 15,26' S | 07,03' W | 12,4 | 216,6 | C. Didi- | " | |
| 23:30 | 4480 | 4461 | 16,61' S | 08,76' W | 12,2 | 215,7 | " | " | |
| 23:42 | 4447 | 4434 | 18,55' S | 11,23' W | 12,4 | 215,3 | " | " | |
| 1.1.94 | 0:30 | 4329 | 4310 | 25,81' S | 15,34' W | 12,0 | 212 | " | " |
| 0:45 | 4379 | 4358 | 29,06' S | 22,57' W | 12,3 | 208 | C. Didi- | " | |
| 1:17 | 4505 | 4546 | 34,57' S | 28,53' W | 11,9 | 207,2 | " | " | |
| 1:30 | 4609 | 4595 | 36,76' S | 30,72' W | 12,5 | 210,8 | H. Stüb | " | |
| 1:45 | 4673 | 4661 | 39,26' S | 33,34' W | 12,7 | 211 | Ge. Kuhn | " | |
| 2:15 | 4754 | 4743 | 44,01' S | 28,38' W | 12,2 | 213 | J. Fiedler | " | |
| 2:30 | 4798 | 4779 | 46,77' S | 41,28' W | 12,3 | 213 | W. Seede | " | |
| 2:45 | 4817 | 4807 | 49,50' S | 44,20' W | 11,9 | 212,5 | C. Didi- | " | |
| 3:00 | 4809 | 4806 | 53° 52,0' S | 26° 46,9' W | 11,8 | 211,4 | Wood | " | |
| 3:15 | 4853 | 4842 | 54,91' S | 49,47' W | 12,1 | 213,0 | J. Fiedler | " | |
| 3:30 | 4954 | 4949 | 56,98' S | 52,18' W | 12,2 | 214 | J. F. | " | |
| 3:45 | 4487 | 5141 | 53° 59,357' S | 28° 54,741' W | 12,7 | 213 | A. R. | " | |
| 4:00 | 5078 | 5073 | 54 02,10' S | 28° 57,59' W | 12,1 | 212 | G. K.L. | " | |
| 4:15 | 5721 | 5703 | 4,81' S | 29 0,32 | 12,2 | 211 | " | " | |
| 4:30 | 5092 | 5087 | 7,27' S | 2,93 | 11,6 | 214 | " | " | |



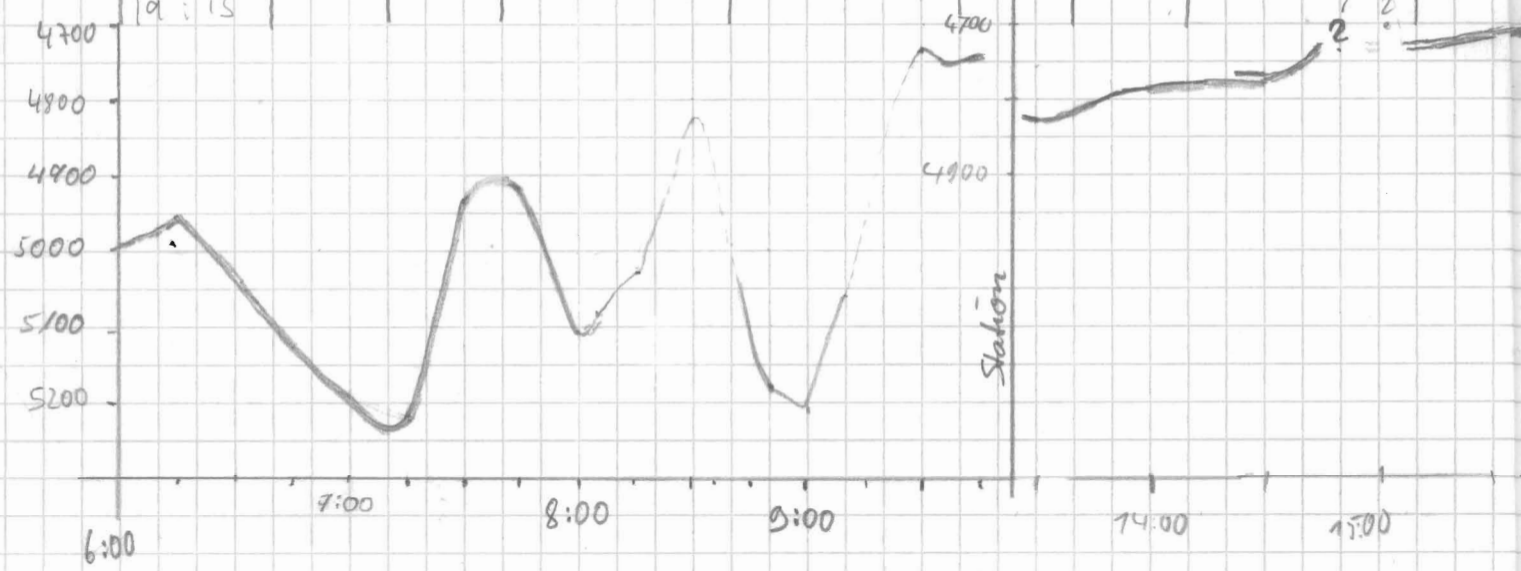
| Datum | Zeit | Tiefe 13 | Tiefe 145 | Drehte | Länge | Speed | Thurs | Wache | Freq |
|--------|-------|-------------|--------------|--------------|--------------|-------|-------|------------|------|
| 1.1.94 | 4:50 | 5051 | 5054 | 54° 10,69'S | 28° 06,77'W | 12,2 | 214 | G. Kuhn | 4 |
| | 5:00 | 5013 | 5013 | 12,31'S | 8,54'W | 12,1 | 212 | " | " |
| | 5:15 | 5043 | 5038 | 14,93'S | 11,31'W | 12,2 | 211 | " | " |
| | 5:30 | 5067 | 5067 | 17,51'S | 14,02'W | 12,2 | 212 | " | " |
| | 5:45 | 5045 | 5046 | 20,12'S | 16,78'W | 12,2 | 211 | " | " |
| | 6:00 | 5045 | 5043 | 22,54'S | 19,39'W | 12,1 | 217 | " | " |
| | 6:15 | 5140 | 5134 | 54° 25,128'S | 29° 22,364'W | 12,1 | 216 | A. R. Se | |
| | 6:30 | 5196 | 5197 | 54° 27,596'S | 29° 25,191'W | 12,2 | 211 | " | |
| | 6:45 | 5282 | 5279 | 54° 30,174'S | 29° 27,891'W | 11,8 | 211 | " | |
| | 7:00 | 5387 | 5396 | 54° 32,731'S | 29° 30,529'W | 12,0 | 210 | " | |
| | 7:15 | 5510 | 5520 | 54° 35,339'S | 29° 33,172'W | 12,4 | 213 | " | |
| | 7:30 | 5801 | 5813 | 37,92'S | 36,10'W | 12,2 | 212 | N. Steele | |
| | 7:45 | 5781 | 5792 | 40,39'S | 38,88'W | 9,6 | 209,9 | N. Steele | |
| | 8:00 | 5781 | 5792 | 40,42'S | 38,87'W | 10,1 | 36,1 | N. Steele | |
| | 8:15 | 5802 | 5820 | 38,20'S | 36,22'W | 6,5 | 30,9 | N. Steele | |
| | 8:25 | 5803 | 5816 | 54° 37,85'S | 29° 35,96'W | - | - | N. Steele | |
| " | 11:15 | 5806 | 5822 | 54° 38,4'S | 29° 36,1'W | 10,6 | 212,8 | Hopmann | 5,5 |
| | 11:30 | 5771 | 5824 | 40,9'S | 38,9'W | 12,2 | 213,6 | " | 4 |
| | 11:45 | 5771 | 6262 | 43,40'S | 41,80'W | 12,1 | 217,7 | C. Didié | " |
| | 12:00 | 5771 | 6340 | 45,88'S | 44,53'W | 12,3 | 215,0 | " | " |
| " | 12:15 | - | 6997 | 48,447'S | 47,515'W | 12,6 | 213,2 | Harloff | " |
| | 12:24 | - | 7333 | 50,276'S | 49,474'W | | | " | " |
| " | 12:30 | 7146 | 7229 | 51,126'S | 50,361'W | 12,8 | 212,1 | " | " |
| " | 12:45 | - | 7573 | 53,707'S | 53,225'W | 12,6 | 213,5 | " | " |
| | 12:47 | - | 7638 | 44,035'S | 53,602'W | | | " | " |
| | 13:00 | - | 7181 | 56,344'S | 56,163'W | 12,3 | 213,6 | " | " |
| " | 13:15 | - | 6712 | 58,974'S | 58,845'W | 12,5 | 212,9 | " | " |
| " | 13:30 | - | 6033 | 55° 01,595'S | 30° 01,800'W | 12,1 | 212,5 | " | " |
| " | 13:45 | - | 5606 | 04,174'S | 04,691'W | 12,4 | 212,6 | " | " |
| | 14:00 | 5049 | 5587 | 07,227 | 07,91'W | 12,1 | 211,8 | S. Fischer | |
| | 14:15 | - | 5398 | 9,33'S | 10,27'W | 12,7 | 213 | Kuhn | " |
| | 14:30 | 4946 | 4949 | 35° 11,83 | 30° 13,17'W | 11,9 | 213,7 | S. Fischer | - |
| | 14:45 | 3977 | 3904 | 11,32'S | 15,81'W | 12,4 | 209,9 | S. Fischer | - |
| | 15:00 | 4078 | 4006 | 17,49'S | 18,81'W | 12,4 | 212 | S. Fischer | |
| " | 15:15 | 3141 | 3075 | 19,5'S | 22,0'W | 10,3 | 267,5 | Hermanns | " |
| " | 15:30 | 2925 | - | 55° 16,7'S | 30° 23,6'W | 0,7 | 202,0 | Hermanns | 5,5 |



| Datum | Zeit | Tief Pß | Tief Mß | Breite | Länge | Speed | Kurs | Wache | Frq. |
|-----------|-------|------------|------------|--------------|--------------|-------|-------|-------------|------|
| 1.1.94 | 21:45 | 2975 | 2948 | 55° 19,70' S | 30° 23,17' W | 6,2 | 290,0 | H. Schals | 4 |
| " | 22:00 | 3188 | 3176 | 18,91' S | 27,58' W | 11,6 | 297,5 | " | " |
| " | 22:35 | (47402) | 5483 | 16,67' S | 30,79' W | 11,8 | 286,5 | " | " |
| " | 22:45 | (4740) | 5524 | 16,44' S | 42,00' W | 12,3 | 286,5 | " | " |
| " | 23:00 | ~5525 | 5552 | 15,38' S | 46,91' W | 12,0 | 286,6 | " | " |
| " | 23:15 | | 5205 | 14,43' S | 51,78' W | 12,7 | 287,9 | " | " |
| " | 23:30 | 4623 | 4580 | 13,54' S | 56,57' W | 11,7 | 288,2 | " | " |
| " | 23:45 | 4615 | 4584 | 12,68' S | 31° 01,17' W | 11,8 | 287,0 | " | " |
| " | 24:00 | | 4681 | 11,76' S | 06,22' W | 11,1 | 287,6 | " | " |
| 2.1.94 | 00:15 | | 4430 | 10,94' S | 10,79' W | 10,7 | 286,1 | " | " |
| | 00:30 | | 4060 | 10,49' S | 15,36' W | 10,8 | 289 | N. Steele | -2- |
| | 00:45 | | 3851 | 09,10' S | 19,71' W | 10,5 | 287 | N. Steele | -3- |
| | 1:00 | | 3805 | 08,41' S | 23,77' W | 10,5 | 286 | N. Steele | -4- |
| (+1' mit) | 1:15 | 3925 | 3906 | 07,61' S | 28,31' W | 10,6 | 284 | N. Steele | -5- |
| | 1:30 | 4370 | 4331 | 06,89' S | 32,34' W | 10,3 | 286 | N. Steele | -6- |
| | 1:45 | | 3554 | 06,21' S | 36,39' W | 9,2 | 285 | N. Steele | -7- |
| | 2:00 | 3871 | 3832 | 05,46' S | 40,25' W | 10,1 | 288 | N. Steele | -8- |
| | 2:15 | | 4725 | 04,70' S | 44,29' W | 9,2 | 289 | N. Steele | -9- |
| | 2:30 | | 5529 | 03,97' S | 48,23' W | 10,1 | 285 | N. Steele | -10- |
| | 2:45 | | 5619 | 03,26' S | 52,17' W | 10,5 | 287 | N. Steele | -11- |
| | 3:00 | | 5663 | 02,45' S | 56,36' W | 10,1 | 286 | N. Steele | -12- |
| | 3:15 | | 5061 | 01,66' S | 32° 00,75' W | 10,4 | 287 | N. Steele | -13- |
| | 3:30 | | 5733 | 55° 00,88' S | 04,93' W | 10,3 | 287 | N. Steele | -14- |
| | 3:45 | | 4921 | 00,06' S | 09,36' W | 10,4 | 285 | N. Steele | -15- |
| | 4:00 | | 5736 | 54° 59,20' S | 13,80' W | 11,0 | 285 | N. Steele | -16- |
| | 4:15 | | 5722 | 58,41' S | 18,20' W | 11,0 | 288 | N. Steele | -17- |
| | 4:30 | | 5774 | 57,17' S | 22,65' W | 10,8 | 287 | N. Steele | -18- |
| | 4:45 | 5226 | 5234 | 56,69' S | 27,25' W | 11,1 | 288 | N. Steele | " |
| | 5:00 | 5172 | 5135 | 55,90' S | 31,53' W | 10,2 | 286 | N. Steele | -19- |
| | 5:15 | 5295 | 5311 | 55,07' S | 36,16' W | 11,1 | 286 | B. Hoppmann | " |
| | 5:30 | 4917 | 5393 | 54,20' S | 40,86' W | 10,8 | 281 | Wald2 | -20- |
| | 5:45 | 5256 | 5170 | 53,41' S | 32,44' W | 9,7 | 287 | " | -21- |
| | 6:00 | 4534 | 4986 | 52,47' S | 49,17' W | 10,7 | 289 | B. Hoppmann | -22- |



| DATUM | ZEIT | TIEFE PS | TIEFE HS | LAT | LONG | SPEED | KURS | WACHE | FRQ. P |
|----------|-------|----------|----------|--------------|--------------|-------|--------|------------|--------|
| 2. 1. 94 | 6:15 | 5018 | 4950 | 54° 51, 72 S | 32° 53, 37 W | 10, 9 | 284, 9 | Wadel | 4 |
| " | 6:30 | 5009 | 5007 | 50, 95 S | 59, 09 W | 10, 6 | 282, 4 | " | " |
| " | 6:47 | 5146 | 5135 | 50, 10 S | 33° 02, 34 W | 10, 4 | 281, 5 | " | " |
| " | 7:00 | 5187 | 5135 | 48, 33 S | 05, 31 W | 11, 3 | 342 | " | " |
| " | 7:23 | 4446 | 5049 | 45, 21 S | 09, 53 W | 9, 8 | 329, 1 | C. Oidie | 11 |
| " | 7:30 | 4932 | 4935 | 44, 33 S | 10, 63 W | 10, 6 | 320, 2 | " | 11 |
| " | 7:45 | 4140 | 4918 | 42, 34 S | 13, 20 W | 9, 9 | 323, 9 | " | 5, 5 |
| " | 8:00 | 5101 | 5081 | 40, 45 S | 15, 82 W | 11, 0 | 329, 9 | " | 110 |
| " | 8:15 | 5029 | 5071 | 38, 21 S | 19, 03 W | 10, 7 | 319, 8 | " | 11 |
| " | 8:37 | 4140 | 4822 | 34, 88 S | 23, 38 W | 10, 9 | 318, 3 | " | 4, 0 |
| " | 8:50 | 4460 | 5173 | 33, 01 S | 25, 88 W | 10, 8 | 321, 4 | " | 11 |
| " | 9:00 | 5223 | 5207 | 31, 61 S | 27, 80 W | 11, 4 | 322, 7 | B. Hopmann | " |
| " | 9:10 | 4443 | 5020 | 30, 02 S | 29, 83 W | 11, 5 | 323 | " | " |
| " | 9:30 | 4160 | 4738 | 27, 24 S | 33, 52 W | 11, 1 | 321, 3 | C. Oidie | " |
| " | 9:45 | 4744 | 4724 | 25, 11 S | 36, 36 W | 11, 0 | 320, 7 | " | 11 |
| " | 13:31 | 4823 | 4801 | 23, 88 S | 39, 90 W | 7, 4 | 275 | G. Kuhn | 11 |
| " | 13:45 | 4814 | 4788 | 23, 59 S | 43, 08 W | 7, 8 | 281 | " | " |
| " | 14:00 | 4790 | 4768 | 23, 32 S | 46, 35 W | 8, 4 | 279 | " | " |
| 2. 1. 94 | 14:15 | 4781 | 4752 | 58° 25, 1 S | 33° 49, 5 W | 7, 4 | 276 | Hermann | 40 |
| " | 14:30 | 4779 | 4725 | 22, 9 S | 53, 0 W | 7, 7 | 278, 4 | Hermann | " |
| " | 14:45 | 4730 | 4646 | 22, 6 S | 56, 0 W | 7, 3 | 279, 7 | Hermann | " |
| " | 15:00 | 4595 | 4582 | 22, 4 S | 58, 8 W | 6, 8 | 276, 8 | Hermann | " |
| " | 15:15 | 4736 | 4657 | 22, 2 S | 34° 01, 0 W | 6, 8 | 278, 0 | Hermann | " |
| " | 15:30 | 4725 | 4675 | 22, 0 S | 04, 8 W | 7, 2 | 277, 0 | Hermann | " |
| " | 15:45 | 4706 | 4676 | 21, 9 S | 07, 6 W | 6, 5 | 280, 3 | Hermann | " |
| " | 16:00 | 4694 | 4638 | 21, 6 S | 10, 1 W | 6, 7 | 280, 7 | Hermann | " |
| " | 16:15 | 4587 | 4577 | 21, 3 S | 12, 8 W | 6, 5 | 280, 8 | Hermann | " |
| " | 16:30 | 3840 | 4520 | 21, 07 S | 15, 5 W | 6, 7 | 279, 0 | Hofmann | " |
| " | 16:45 | 4577 | 4547 | 20, 08 S | 18, 7 W | 6, 6 | 277, 0 | Hofmann | " |
| " | 17:00 | 4566 | 4537 | 20, 67 S | 20, 8 W | 6, 2 | 273, 0 | Hofmann | " |
| " | 17:15 | 4541 | 4513 | 20, 42 S | 23, 4 W | 5, 8 | 271, 0 | Hofmann | " |
| " | 17:30 | 4534 | 4446 | 20, 41 S | 25, 40 W | 6, 6 | 271, 0 | Hofmann | " |
| " | 17:45 | 3764 | 4284 | 20, 22 S | 28, 58 W | 6, 2 | 280, 0 | Hofmann | " |
| " | 18:00 | 3624 | 3665 | 19, 97 S | 31, 24 W | 5, 8 | 276, 0 | Hofmann | " |
| " | 18:15 | 3445 | 3733 | 19, 69 S | 33, 61 W | 5, 5 | 276, 0 | Hofmann | " |
| " | 18:30 | 3266 | 3293 | 19, 25 S | 38, 27 W | 5, 8 | 275, 0 | Hofmann | " |
| " | 18:45 | 3109 | 3122 | 19, 20 S | 40, 02 W | 5, 8 | 275, 0 | Hofmann | " |
| " | 19:00 | 2762 | 2725 | 19, 1 S | 41, 6 W | 5, 7 | 276, 2 | Hermann | " |
| " | 19:15 | | | | | | | | |



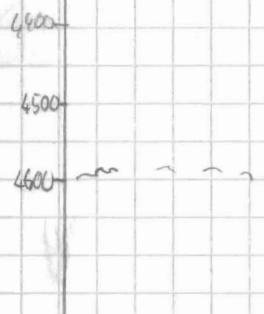
PULS RANGE SCALE MODE TIME Wt R H M ROLLE BAND PROSA NR NR

| | | | | | | | | | | | |
|---|--------|-----|---|-----|----|---|---|---|----|----|--|
| 4 | 10.000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 10 | 14 | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | 5000 | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | 10.000 | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | 5000 | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | 10.000 | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | 5000 | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 10 | 15 | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |

Bandwechsel!

Station 9:46 (TDM)

kein Signal, Speicher aus!



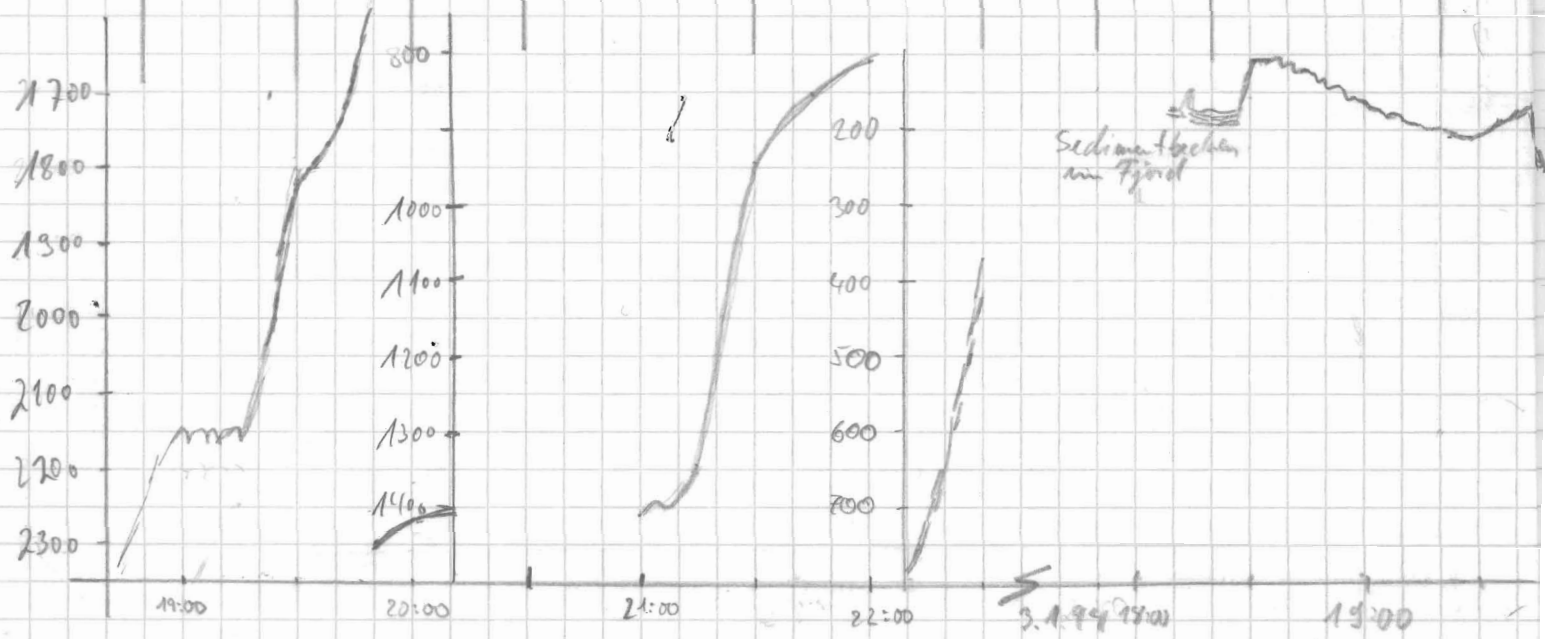
16:00

17:00

| Date (mit wem?) | Zeit | Tiefe | | Breite | | Länge | Speed | Kurs | Wache (mels als weniger) | Ergebnis |
|--------------------|-------|--------|------|-------------|--------------|-------|-------|------|-----------------------------|----------|
| | | PS | HS | | | | | | | |
| 2.1.94 | 19:15 | 2640 | 2611 | 54°18,93' S | 34°43,36' W | 6,3 | 275,9 | | H. Schiffs | 4 |
| | 19:30 | 2482 | 2426 | 18,81' S | 45,93' W | 6,1 | 274,8 | | " | " |
| | 19:45 | 2295 | 2258 | 18,64' S | 48,63' W | 6,2 | 277,6 | | " | " |
| | 20:01 | 2198 | 2158 | 18,41' S | 51,64' W | 6,1 | 278 | | " | " |
| | 20:15 | 2232 | 2175 | 18,24' S | 54,06' W | 6,9 | 276 | | " | " |
| | 20:30 | (2019) | 1786 | 18,04' S | 56,97' W | 7,1 | 276 | | " | " |
| | 20:45 | (1736) | 1483 | 17,85' S | 59,68' W | 6,7 | 280 | | " | " |
| | 21:00 | 1413 | 1345 | 16,62' S | 35° 02,33' W | 6,4 | 281 | | " | " |
| | 21:15 | (1344) | 1362 | 17,42' S | 04,91' W | 6,5 | 280,1 | | " | " |
| | 21:30 | 954 | 937 | 17,21' S | 07,55' W | 6,6 | 279,9 | | " | " |
| | 21:45 | 853 | 834 | 17,00' S | 10,23' W | 6,2 | 280,0 | | " | " |
| | 22:00 | 813 | 794 | 16,83' S | 12,85' W | 6,6 | 278,3 | | " | " |
| | 22:15 | 720 | 704 | 16,53' S | 15,75' W | 6,8 | 282,5 | | Wandel | " |
| | 22:30 | 369 | 363 | 16,19' S | 18,56' W | 6,4 | 282,4 | | " | " |

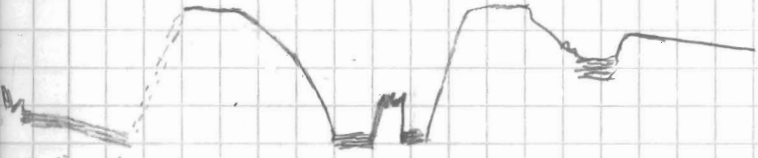
Ende der Sitzung
"der verdamnte Schelf-ende!"

| | | | | | | | | | | |
|--------|-------|-----|-----|-------------|--------------|------|-------|--|----------|---|
| 3.1.94 | 18:08 | 185 | 187 | 54°14,18' S | 36°25,90' W | 12,2 | 4,2 | | Kuhm | 4 |
| | 18:30 | 113 | 106 | 9,24' S | 26,7' W | 12,7 | 354,4 | | " | " |
| | 18:45 | 138 | 135 | 6,41' S | 29,2' W | 12,6 | 331,0 | | " | " |
| | 19:00 | 169 | 161 | 3,77' S | 31,8' W | 11,8 | 332,0 | | " | " |
| | 19:15 | 196 | 191 | 0,86' S | 34,36' W | 13,0 | 335,3 | | Wandel | " |
| | 19:30 | 208 | 201 | 53°59,38' S | 39,13' W | 13,2 | 283,7 | | " | " |
| | 19:45 | 165 | 161 | 58,36' S | 44,81' W | 12,6 | 289,8 | | " | " |
| | 20:00 | 255 | 252 | 57,31' S | 50,57' W | 12,5 | 285,7 | | " | " |
| | 20:15 | 243 | 240 | 56,34' S | 55,79' W | 12,8 | 286,4 | | " | " |
| | 20:30 | 127 | 124 | 55,49' S | 37° 01,07' W | 13,1 | 284,8 | | " | " |
| | 20:45 | 137 | 133 | 54,52' S | 06,57' W | 13,2 | 287,1 | | " | " |
| | 21:00 | 127 | 125 | 53,48' S | 12,05' W | 12,6 | 289,3 | | " | " |
| | 21:15 | 305 | 298 | 52,53' S | 17,55' W | 12,8 | 288,1 | | " | " |
| | 21:30 | 285 | 293 | 51,55' S | 22,89' W | 12,9 | 288,1 | | " | " |
| | 21:45 | 138 | 136 | 50,54' S | 28,25' W | 11,7 | 288,5 | | " | " |
| | 22:00 | 116 | 113 | 49,66' S | 32,86' W | 12,1 | 288,0 | | " | " |
| | 22:15 | 262 | 252 | 48,78' S | 37,65' W | 10,9 | 293,0 | | N. Smede | " |
| | 22:30 | 123 | 118 | 48,07' S | 42,43' W | 11,5 | 284,0 | | N. Smede | " |
| | 22:45 | 138 | 134 | 47,26' S | 47,16' W | 11,1 | 287 | | N. Smede | " |
| | 23:00 | 160 | 156 | 46,41' S | 51,97' W | 11,1 | 287 | | N. Smede | " |



| Puls | Range | Scale | Mode | Time | wt | R | H | M | Rolle Nr. | Band Nr. |
|------|-------|-------|------|------|----|---|---|---|-----------|----------|
| 9 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 10 | 15 |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | 2000 | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | 1000 | " | 1 | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | 100 | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| | | 200 | | | | | | | | |
| 4 | 500 | 200 | 1 | 266 | 5 | 0 | 3 | 1 | 11 | 15 |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |

Karte im Depot
getauscht
Rolle gewechselt

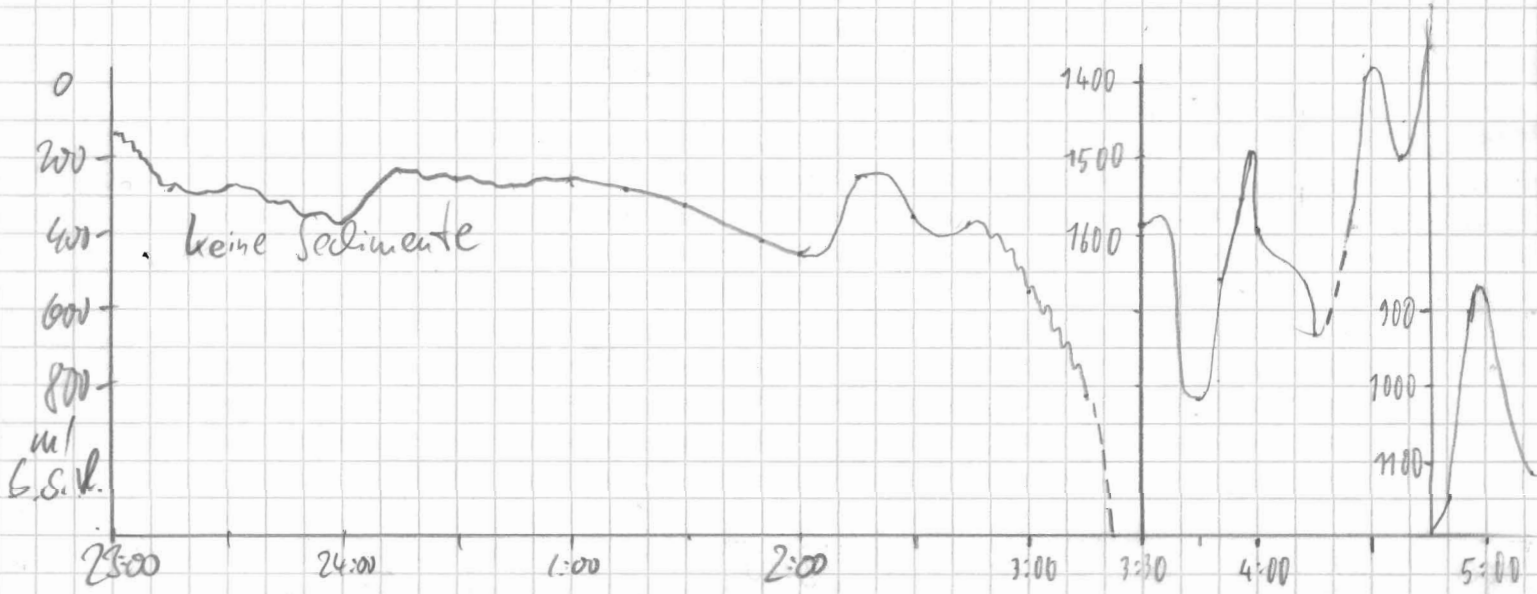


Sediment-
beden

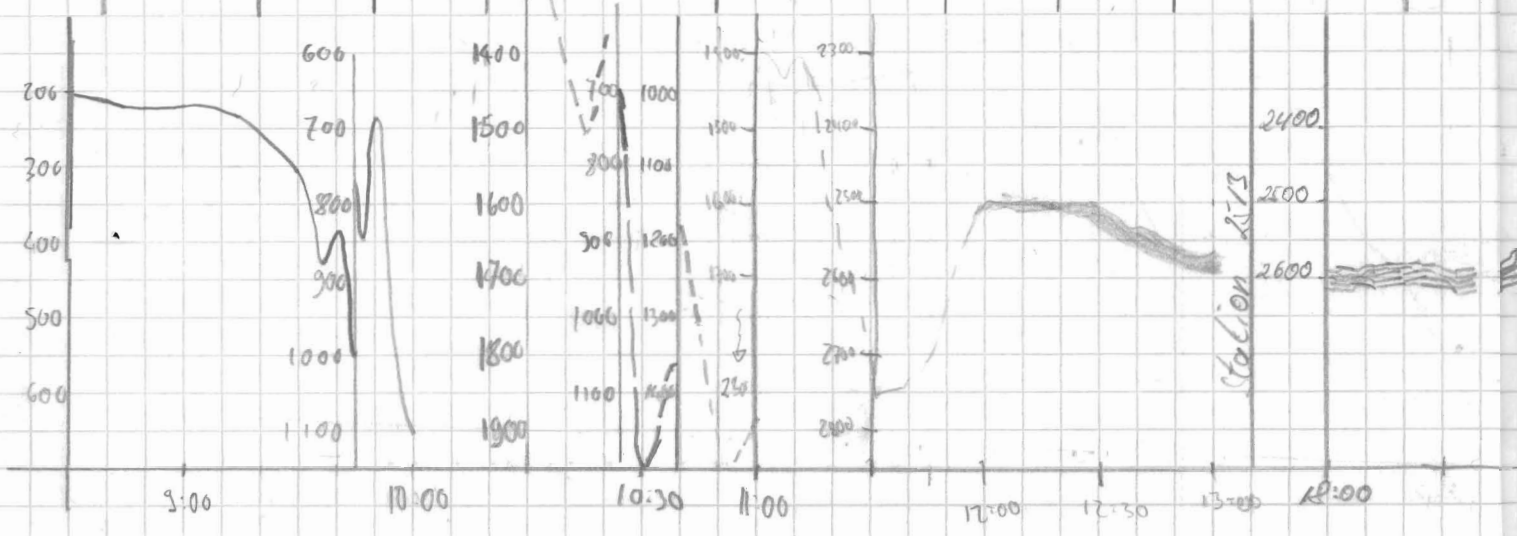
20:00 21:00 22:00 23:00

Viefe

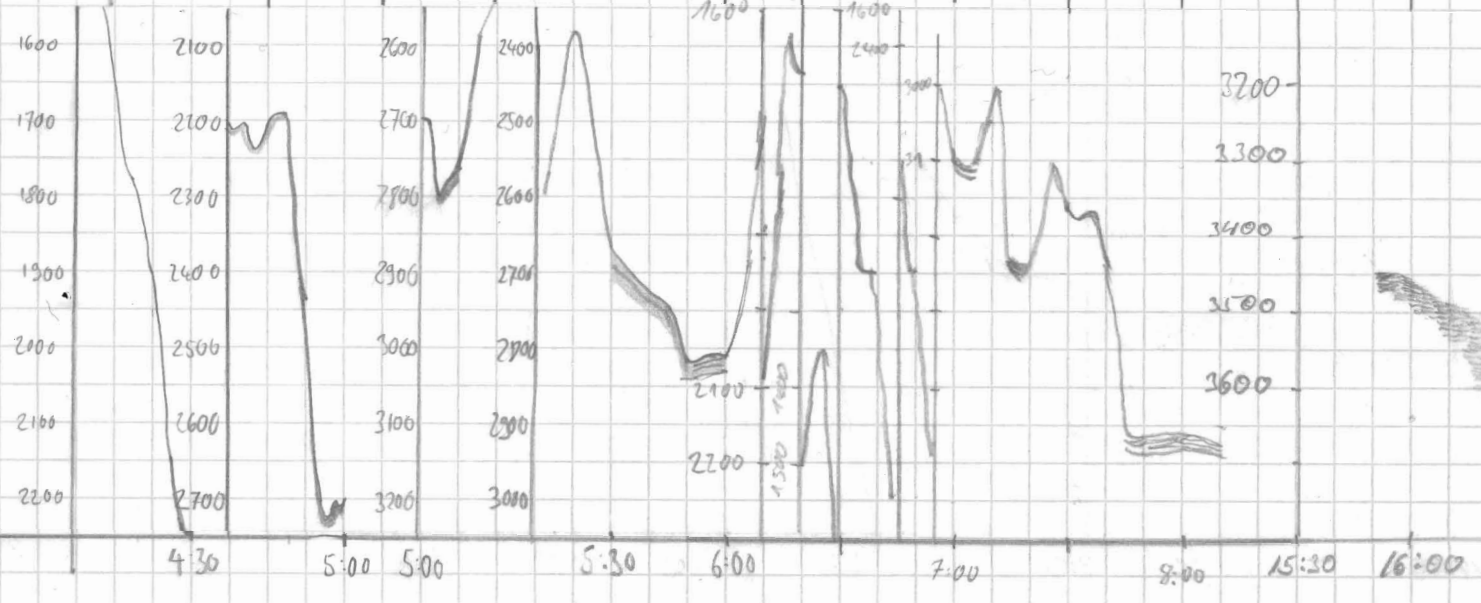
| Datum | Zeit | PS | MS | Brate | Länge | Speed | kurrs | Wade | Frequ |
|---------|------------------|------|------|-----------|--------------|-------|-------|-----------|-------|
| 3.1.194 | 23 ⁴⁰ | 175 | 170 | √3° 45.63 | 37° 56.41 | 10.9 | 288 | N. Sneele | 4 |
| " | 23 ³⁰ | 281 | 272 | 44.98 | 38° 01.01 | 10.4 | 269 | N. Sneele | " |
| " | 23 ⁴⁵ | 262 | 260 | 45.08 | 05.96 | 13.0 | 266 | N. Sneele | " |
| 4.1.194 | 24.00 | 381 | 373 | 45.22 | 11.63 | 12.6 | 270 | N. Sneele | " |
| " | 0:15 | 294 | 197 | 45.19 | 17.50 | 13.6 | 269 | N. Sneele | " |
| " | 0:30 | 242 | 233 | 45.31 | 23.39 | 13.4 | 267 | N. Sneele | " |
| " | 0:45 | 275 | 270 | 45.38 | 29.31 | 14.1 | 271 | N. Sneele | " |
| " | 1:00 | 243 | 235 | 45.44 | 35.17 | 12.6 | 271 | N. Sneele | " |
| " | 1:15 | 271 | 264 | 45.510 S | 40.884 W | 13.2 | 268.3 | Harloff | " |
| " | 1:30 | 326 | 316 | 45.631 S | 46.631 W | 13.2 | 269.8 | " | " |
| " | 1:50 | 401 | 388 | 45.699 | 54.005 W | 12.9 | 268.9 | " | " |
| " | 2:00 | 456 | 444 | 45.752 | 57.955 W | 12.8 | 270.6 | " | " |
| " | 2:15 | 256 | 247 | 45.815 | 39° 03.545 W | 12.8 | 270.0 | " | " |
| " | 2:31 | 367 | 358 | 45.915 | 09.276 W | 11.7 | 272.3 | " | " |
| " | 2:45 | 371 | 364 | 45.949 S | 14.664 W | 12.9 | 270.0 | " | " |
| " | 2:55 | | | | | | | | |
| " | 3:00 | 556 | 537 | 46.055 S | 20.167 W | 12.9 | 270.9 | " | " |
| " | 3:15 | 826 | 789 | 46.153 S | 25.673 W | 12.3 | 269.9 | " | " |
| " | 3:32 | 1580 | 1577 | 46.228 S | 31.899 W | 12.8 | 270.6 | " | " |
| " | 3:45 | - | 1813 | 46.260 S | 36.340 W | 12.8 | 269.6 | " | " |
| " | 4:00 | 1595 | 1584 | 46.313 S | 42.061 W | 13.2 | 266.9 | " | " |
| " | 4:15 | - | 1732 | 46.422 S | 47.706 W | 13.4 | 266.9 | " | " |
| " | 4:30 | 1295 | 1389 | 46.451 S | 53.020 W | 13.3 | 269.3 | " | " |
| " | 4:45 | 1316 | 1299 | 46.424 S | 58.950 W | 13.2 | 271.1 | " | " |
| " | 5:00 | 899 | 888 | 46.490 S | 40° 04.453 W | 13.6 | 265.9 | " | " |
| " | 5:15 | - | 1110 | 46.680 S | 09.767 W | 13.2 | 264.9 | " | " |
| " | 5:30 | 1060 | 1097 | 46.784 S | 15.374 W | 13.9 | 269.7 | " | " |
| " | 5:47 | 941 | 1085 | 46.900 S | 21.657 W | 13.6 | 267.2 | " | " |
| " | 6:00 | 891 | 869 | 46.888 S | 26.668 W | 13.9 | 273.2 | " | " |
| " | 6:15 | 726 | 705 | 46.796 S | 31.954 W | 13.8 | 272.0 | " | " |
| " | 6:30 | 743 | 722 | 46.941 S | 37.980 W | 13.5 | 270.4 | " | " |
| " | 6:45 | 550 | 536 | 47.193 S | 43.884 W | 13.7 | 270.7 | " | " |
| " | 7:00 | 349 | 338 | 47.182 S | 49.394 W | 13.4 | 268.4 | " | " |
| " | 7:15 | 172 | 167 | 47.325 S | 55.425 W | 12.8 | 268.8 | " | " |
| " | 7:30 | 139 | 134 | 47.439 S | 41° 01.130 W | 13.1 | 271.1 | " | " |
| " | 7:52 | 166 | 161 | 47.5 S | 10.2 W | 12.8 | 266.6 | Hermanns | " |
| " | 8:00 | 179 | 173 | 47.5 S | 12.9 W | 13.1 | 268.1 | Hermanns | " |
| " | 8:15 | 190 | 185 | 47.6 S | 18.8 W | 13.1 | 274.9 | Hermanns | " |
| " | 8:30 | 205 | 199 | 47.6 S | 24.7 W | 13.1 | 268.9 | Hermanns | " |



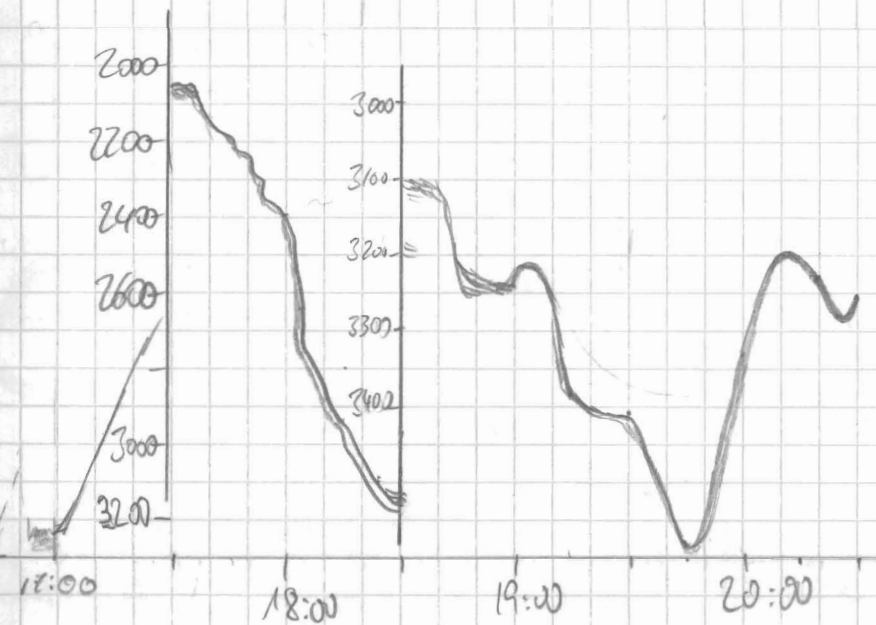
| Date | Time | Tide FS | Tide HS | Breite | Länge | Speed | Kurs | Wade | Frg |
|----------|-------|------------|------------|--------------|--------------|-------|-------|-----------|-----|
| 4. 1. 94 | 8:45 | 213 | 207 | 53° 47,7 S | 41° 30,6 W | 13,9 | 269,9 | Hermanns | 4 |
| " | 9:00 | 215 | 208 | 47,9 S | 36,4 W | 13,9 | 267,8 | Hermanns | 4 |
| " | 9:15 | 233 | 227 | 48,0 S | 42,4 W | 13,8 | 270,5 | Hermanns | 4 |
| " | 9:30 | 310 | 300 | 48,0 S | 48,3 W | 13,2 | 271,2 | Hermanns | 4 |
| " | 9:45 | 548 | 518 | 47,5 S | 54,3 W | 14,1 | 273,9 | Hermanns | 4 |
| " | 10:00 | 1103 | 1109 | 47,1 S | 42° 00,6 W | 14,4 | 277 | Hoppmann | 4 |
| " | 10:15 | - | 1529 | 46,6 S | 42° 06,2 W | 14,5 | 278,3 | Hermanns | 4 |
| " | 10:30 | 1195 | 1182 | 46,1 S | 12,2 W | 14,1 | 278,0 | Hermanns | 4 |
| " | 10:45 | - | 1311 | 45,6 S | 18,2 W | 14,4 | 276,7 | Hermanns | 4 |
| " | 11:00 | - | 1431 | 45,3 S | 24,1 W | 13,8 | 276,5 | Hermanns | 4 |
| " | 11:15 | 1444 | 1417 | 44,86 S | 24,99 W | 14,0 | 276,6 | Hofmann | 4 |
| " | 11:30 | 2324 | 2285 | 44,45 S | 35,98 W | 14,0 | 276,7 | Hofmann | 4 |
| " | 11:45 | 2532 | 2536 | 44,09 S | 42,05 W | 14,1 | 276,0 | Hofmann | 4 |
| " | 12:00 | 2540 | 2544 | 43,72 S | 47,99 W | 14,6 | 276,0 | Hofmann | 4 |
| " | 12:15 | 2551 | 2557 | 43,07 S | 53,99 W | 14,3 | 281,0 | Hofmann | 4 |
| " | 12:30 | 2559 | 2565 | 42,64 S | 43° 00' 13 W | 14,8 | 276,7 | Hofmann | 4 |
| " | 12:45 | 2588 | 2593 | 41,99 S | 43° 05' 66 W | 10,5 | 250,3 | Hofmann | 4 |
| " | 13:00 | 2562 | 2563 | 42,41 S | 02' 06 W | 10,3 | 106,9 | Hofmann | 4 |
| " | 17:30 | 2557 | 2575 | 42,10 S | 1,00 W | 0,8 | 274,8 | Kulm | 4 |
| " | 18:00 | 2601 | 2557 | 41,47 S | 0,77 W | 4,6 | 308 | " | 4 |
| " | 18:15 | 2647 | 2600 | 41,24 S | 04,52 W | 9,3 | 284,7 | Wadcl | 4 |
| " | 18:30 | 2595 | 2553 | 41,03 S | 08,89 W | 11,2 | 276,3 | " | 4 |
| " | 18:45 | 2555 | 2515 | 40,84 S | 13,56 W | 11,6 | 275,4 | " | 4 |
| " | 19:05 | 2561 | 2531 | 40,20 S | 20,08 W | 11,9 | 275,0 | " | 4 |
| " | 19:15 | 2632 | 2603 | 40,43 S | 23,47 W | 11,8 | 275,6 | " | 4 |
| " | 19:30 | 2612 | 2580 | 40,19 S | 28,57 W | 11,6 | 274,3 | " | 4 |
| " | 19:45 | 2426 | 2375 | 40,01 S | 33,65 W | 12,0 | 269,6 | " | 4 |
| " | 20:00 | 2576 | 2542 | 53° 40' 18 S | 43° 38' 29 W | 11,7 | 267,6 | N. Steede | 4 |
| " | 20:15 | 2569 | 2526 | 40,03 S | 43,86 W | 10,8 | 272 | N. Steede | 4 |
| " | 20:30 | 2567 | 2534 | 39,87 S | 45,24 W | 0,7 | 380 | N. Steede | 4 |
| 5. 1. 94 | 1:25 | 2520 | 2539 | 39,97 S | 46,74 W | .4 | 94 | Kulm | 4 |
| " | 2:00 | 2750 | 2533 | 53° 39,76 S | 43° 45,90 W | 1,0 | 63,8 | C. Sidie | 4 |
| " | 2:15 | 2545 | 2514 | 39,0 S | 49,0 W | 10,9 | 287,1 | Hermanns | 4 |
| " | 2:30 | 2473 | 2447 | 38,2 S | 53,2 W | 10,7 | 286,1 | Hermanns | 4 |
| " | 2:45 | 2367 | 2327 | 37,5 S | 57,4 W | 10,7 | 288,1 | Hermanns | 4 |
| " | 3:00 | 2098 | 2057 | 36,9 S | 44° 01,6 V | 10,5 | 280,4 | Hermanns | 4 |
| " | 3:15 | - | 1724 | 36,5 S | 05,7 W | 10,2 | 278,1 | Hermanns | 4 |
| " | 3:30 | - | 1286 | 36,2 S | 10,0 V | 10,8 | 277,9 | Hermanns | 4 |
| " | 3:45 | 850 | 841 | 35,9 S | 14,3 W | 10,6 | 282,8 | Hermanns | 4 |
| " | 4:00 | - | 1223 | 35,4 S | 18,4 W | 10,3 | 278,5 | Hermanns | 4 |



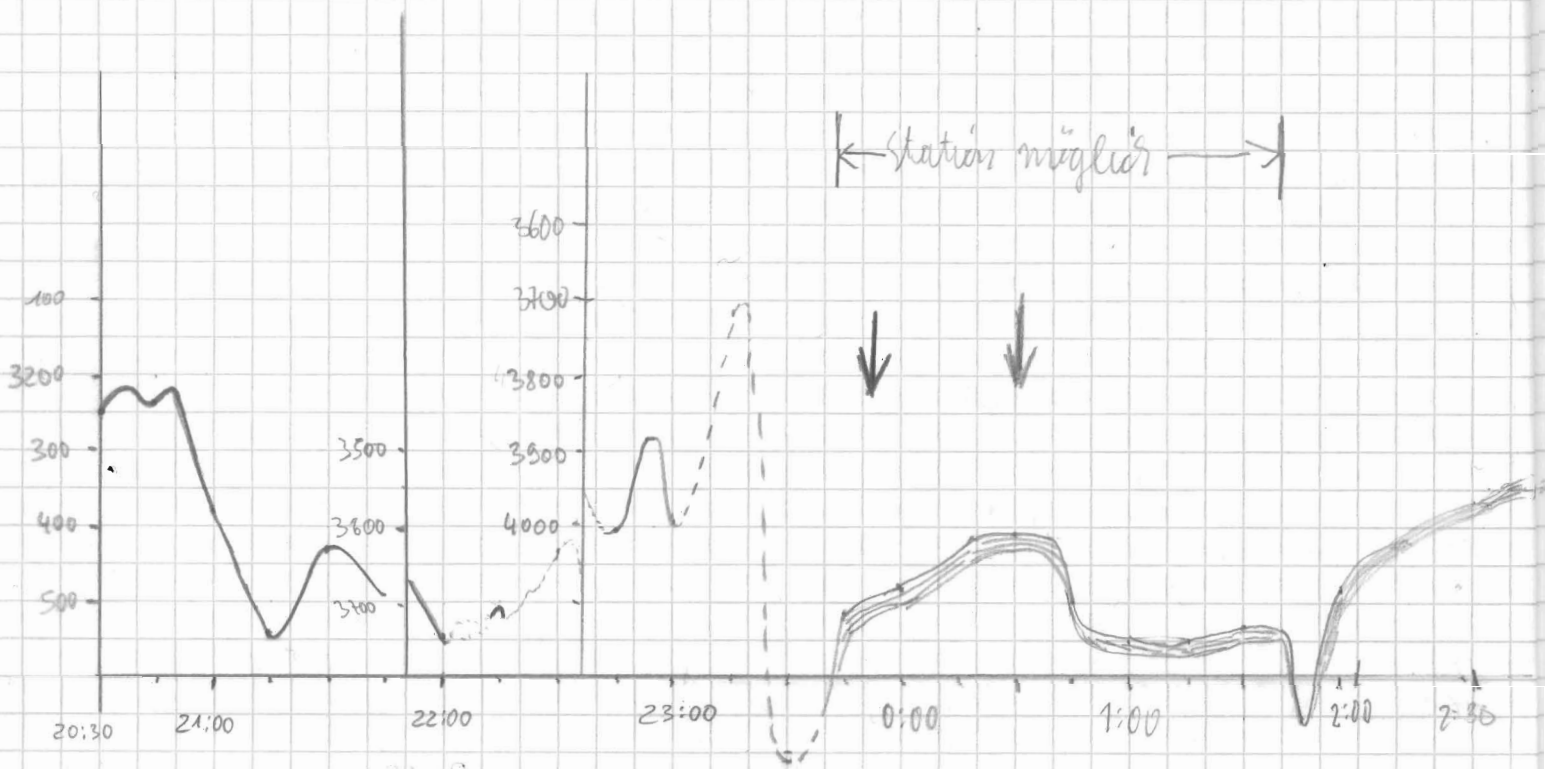
| Date | Time | Tiefe PS | Tiefe HS | Breite | Länge | Speed | Kurs | Wache | Frq |
|----------|-------|----------|----------|------------|-------------|-------|-------|------------|-----|
| 5. 1. 94 | 4:15 | - | 1773 | 53° 35,1 S | 44° 22,1 W | 8,4 | 277,4 | Hermanns | 4 |
| " | 4:30 | 2248 | 2215 | 34,8 S | 25,5 W | 8,3 | 277,5 | Hermanns | " |
| " | 4:45 | 2187 | 2149 | 34,5 S | 28,5 W | 8,4 | 277,5 | Hermanns | " |
| " | 5:00 | 2705 | 2689 | 34,2 S | 32,8 W | 8,5 | 275,3 | Hermanns | " |
| " | 5:15 | 2572 | 2547 | 33,9 S | 35,8 W | 8,6 | 279,1 | Hermanns | " |
| " | 5:30 | 2668 | 2635 | 33,6 S | 39,3 W | 8,4 | 274,6 | Hermanns | " |
| " | 5:45 | 2751 | 2733 | 33,3 S | 42,8 W | 8,5 | 276,0 | Hermanns | " |
| " | 6:00 | 2826 | 2790 | 33,0 S | 46,5 W | 8,5 | 277,5 | Hermanns | " |
| " | 6:15 | 1978 | 1911 | 32,7 S | 50,4 W | 10,4 | 282,1 | Kühn | " |
| " | 6:31 | 1748 | 1727 | 32,2 S | 54,9 W | 10,2 | 281,3 | " | " |
| " | 6:45 | 2251 | 2219 | 31,8 S | 58,9 W | 10,1 | 279,0 | " | " |
| " | 7:00 | 3106 | 3054 | 31,5 S | 45° 3,3 W | 10,2 | 278,3 | " | " |
| " | 7:15 | 3229 | 3205 | 31,1 S | 7,5 W | 10,4 | 275,3 | " | " |
| " | 7:30 | 3168 | 3122 | 30,7 S | 11,5 W | 10,0 | 278,1 | " | " |
| " | 7:45 | 3363 | 3344 | 30,6 S | 15,8 W | 8,4 | 204 | " | " |
| " | 8:00 | 3495 | 3466 | 32,7 S | 17,5 W | 9,7 | 207 | " | " |
| " | 8:10 | 3548 | 3518 | 33,6 S | 18,4 W | 0,9 | 304 | " | " |
| " | 15:20 | 3497 | 3471 | 32,5 S | 17,4 W | 1,1 | 65 | " | " |
| " | 15:50 | 3478 | 3450 | 32,30 S | 16,80 W | 3,8 | 299,4 | Wadde | " |
| " | 16:00 | 3523 | 3495 | 32,45 S | 18,36 W | 9,1 | 257,6 | " | " |
| " | 16:15 | 3627 | 3599 | 33,02 S | 22,81 W | 12,2 | 258,2 | " | " |
| " | 16:30 | 3777 | 3748 | 33,66 S | 28,82 W | 12,1 | 255,8 | " | " |
| " | 16:45 | 3815 | 3771 | 34,32 S | 32,71 W | 12,1 | 256,0 | " | " |
| " | 17:00 | 3947 | 3916 | 34,98 S | 38,71 W | 12,2 | 257,7 | " | " |
| -4- | 17:15 | 2924 | 2901 | 35,60 S | 42,52 W | 11,9 | 257 | N. Sreedle | -4- |
| -4- | 17:30 | 2017 | 2006 | 36,30 S | 47,51 W | 12,2 | 256 | N. Sreedle | -4- |
| -4- | 17:45 | 2101 | 2084 | 37,03 S | 52,86 W | 12,3 | 256 | N. Sreedle | -4- |
| -4- | 18:00 | 2459 | 2437 | 37,87 S | 58,12 W | 11,9 | 255 | N. Sreedle | -4- |
| -4- | 18:15 | 2942 | 2913 | 38,55 S | 46° 02,25 W | 12,1 | 256 | N. Sreedle | -4- |
| -4- | 18:30 | 3138 | 3119 | 39,29 S | 07,47 W | 12,3 | 288 | N. Sreedle | -4- |
| -4- | 18:45 | 3234 | 3196 | 40,01 S | 12,06 W | 12,4 | 255 | N. Sreedle | -4- |
| -4- | 19:00 | 3243 | 3216 | 40,73 S | 16,89 W | 12,1 | 256 | N. Sreedle | -4- |
| -4- | 19:15 | 3383 | 3333 | 41,41 S | 21,91 W | 12,2 | 256 | N. Sreedle | -4- |
| -4- | 19:30 | 3402 | 3338 | 42,12 S | 26,82 W | 12,2 | 255 | N. Sreedle | -4- |
| -4- | 19:45 | 3580 | 3551 | 42,93 S | 31,66 W | 12,4 | 253 | N. Sreedle | -4- |
| " | 20:00 | 3333,3 | 3304 | 43,71 S | 36,47 W | 12,2 | 254,4 | C. Dieder | -4- |
| " | 20:15 | 3263 | 3238 | 44,53 S | 41,20 W | 12,0 | 253,0 | " | " |
| " | 20:30 | 3250 | 3264 | 45,39 S | 46,01 W | 12,2 | 252,4 | " | " |



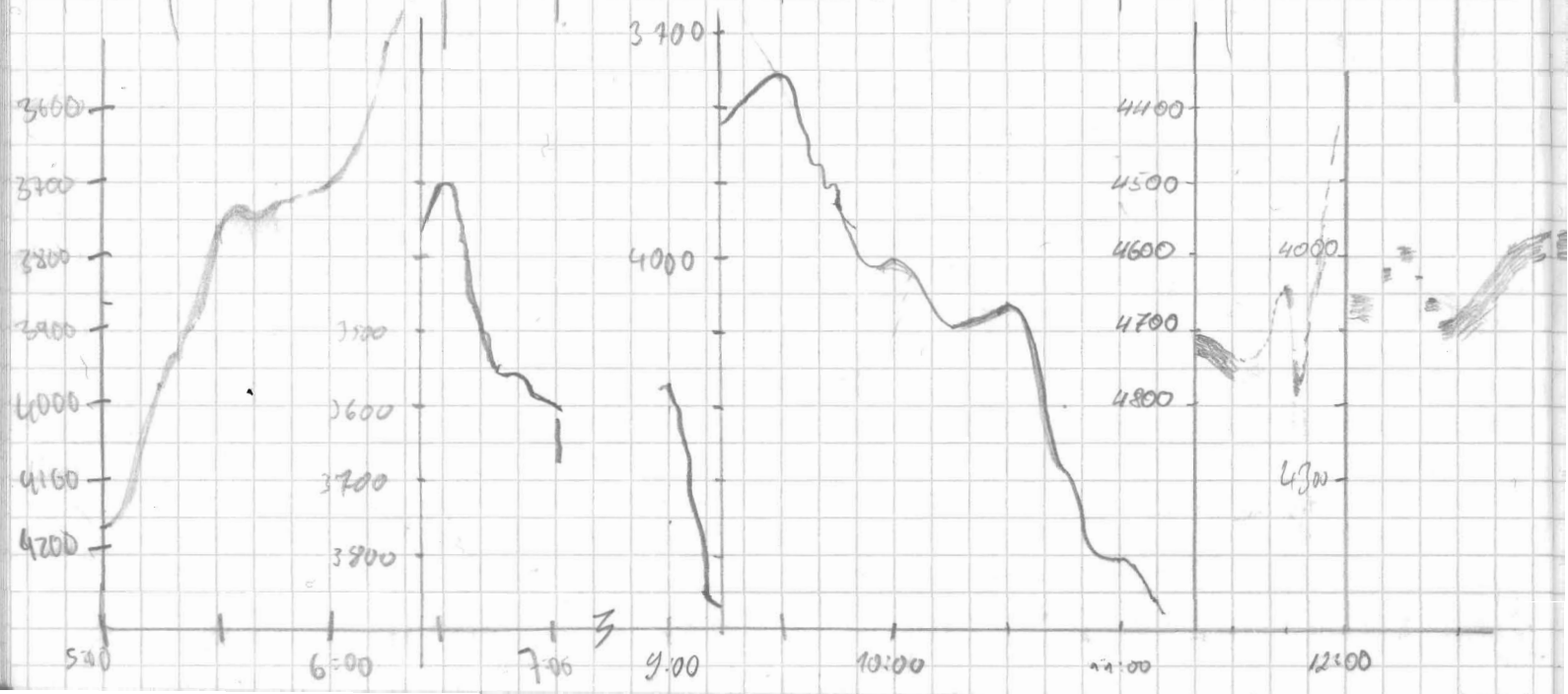
| Puls | Range | Scale | Mode | Time | wt | R | H | M | Roll Nr. | Band Nr. | Remarks |
|------|-------|-------|------|------|-----|---|---|---|-------------|-------------|--|
| 4 | 2000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 11 | 15 | |
| " | 5000 | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | 100 | " | 133 | 0.5 | 0 | 3 | 2 | 11 | 15 | Station Frequenztest frequenztest beendet? |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | Bandwechsel? |
| " | " | " | " | " | " | " | " | " | " | 16 | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | 200 | " | " | " | " | " | " | " | " | |
| " | 5000 | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |
| " | " | " | " | " | " | " | " | " | " | " | |



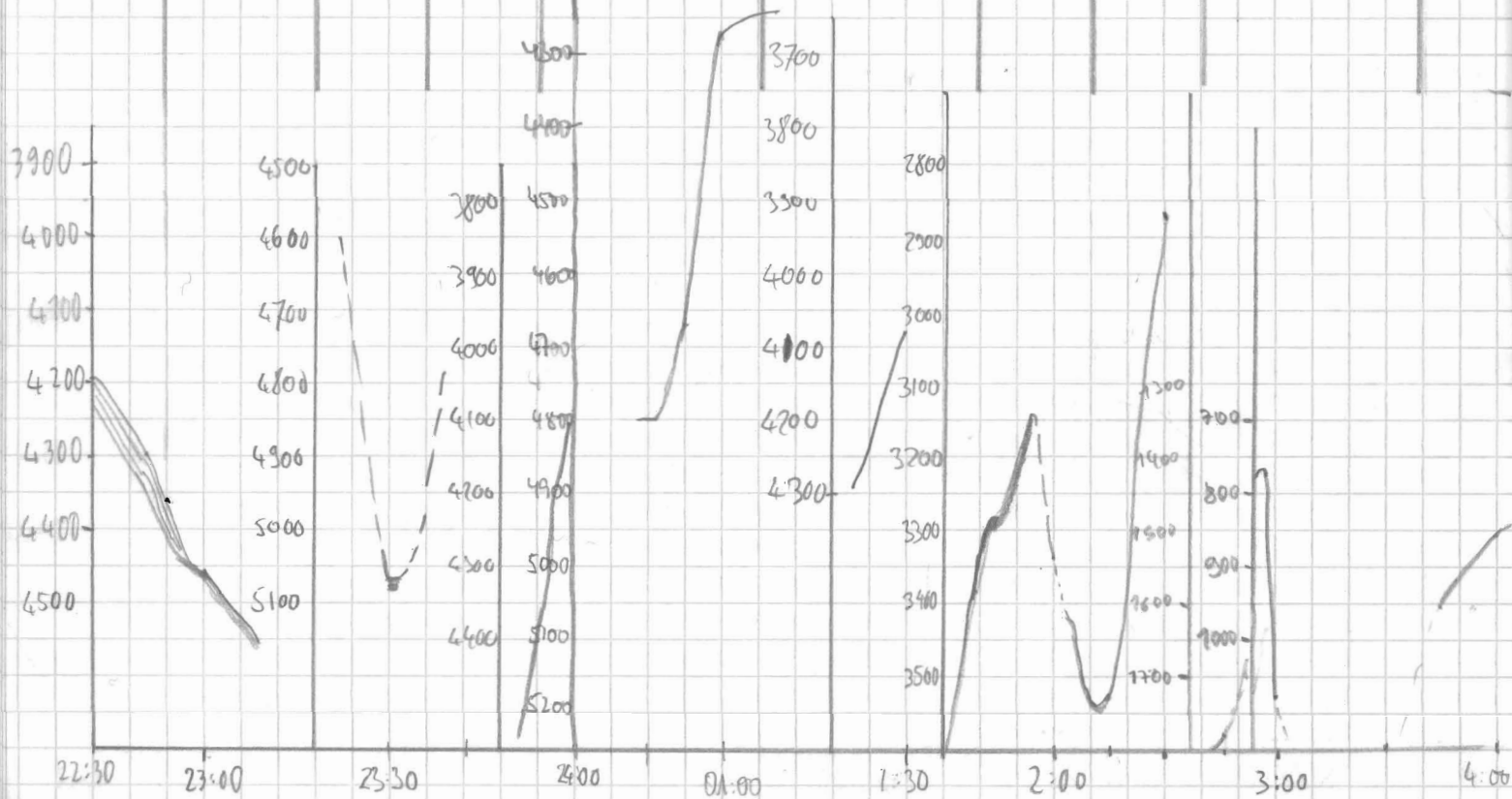
| Datum | Zeit | PS | HS | Barte | Länge | Spekt | Wass | Wade | Freq. |
|--------|-------|------|------|-------------|-------------|-------|-------|-----------|-------|
| 5.1.94 | 20:45 | 3237 | 3210 | 53°46.24 S | 46°50.93 W | 11.8 | 254.1 | C. Dickie | 4 |
| " | 21:00 | 3379 | 3343 | 47.07 S | 55.74 W | 11.7 | 254.0 | " | " |
| " | 21:15 | 3545 | 3489 | 47.74 S | 47°00.63 W | 12.4 | 254.8 | " | " |
| " | 21:30 | 3433 | 3406 | 48.57 S | 05.58 W | 11.8 | 254.2 | " | " |
| " | 21:45 | 3480 | 3451 | 49.38 S | 10.54 W | 12.2 | 255.9 | " | " |
| " | 22:00 | 3746 | 3742 | 50.20 S | 15.46 W | 12.1 | 255.0 | " | " |
| " | 22:15 | 3502 | 3465 | 51.03 S | 20.40 W | 12.5 | 254.4 | " | " |
| " | 22:30 | 3634 | 3624 | 51.83 S | 25.33 W | 12.4 | 254.9 | " | " |
| " | 22:45 | 4005 | 3986 | 52.64 S | 30.36 W | 12.6 | 254.1 | " | " |
| " | 23:00 | 3992 | 3969 | 53.452 S | 35.462 W | 12.6 | 251.7 | Harloff | " |
| " | 23:15 | 3760 | 3742 | 54.299 S | 40.472 W | 12.5 | 252.9 | " | " |
| " | 23:30 | 4318 | 4295 | 55.091 S | 45.575 W | 12.9 | 254.8 | " | " |
| " | 23:45 | 4112 | 4095 | 55.879 S | 50.695 W | 12.3 | 255.5 | " | " |
| 6.1.94 | 0:00 | 4072 | 4047 | 56.695 S | 55.616 W | 12.7 | 254.2 | " | " |
| " | 0:18 | 4026 | 4004 | 57.817 S | 48°01.918 W | 12.8 | 251.8 | " | " |
| " | 0:30 | 4020 | 4002 | 58.570 S | 05.835 W | 13.1 | 251.7 | " | " |
| " | 0:45 | 4104 | 4074 | 59.392 S | 11.030 W | 13.3 | 255.4 | " | " |
| " | 1:00 | 4147 | 4125 | 54°00.874 S | 14.749 W | 12.4 | 184.8 | " | " |
| " | 1:15 | 4155 | 4131 | 04.098 S | 15.028 W | 12.8 | 184.5 | " | " |
| " | 1:30 | 4131 | 4107 | 07.268 S | 15.045 W | 12.9 | 180.9 | " | " |
| " | 1:45 | - | 4253 | 10.553 S | 15.075 W | 12.9 | 181.3 | " | " |
| " | 2:00 | 4086 | 4070 | 13.776 S | 15.058 W | 13.2 | 179.8 | Hofmann | " |
| " | 2:15 | 4012 | 4001 | 17.030 S | 15.087 W | 13.1 | 179.8 | Hofmann | " |
| " | 2:30 | 3970 | 3949 | 20.301 S | 14.997 W | 13.3 | 181.2 | Hofmann | " |
| " | 2:45 | 3846 | 3831 | 23.61 S | 15.02 W | 13.3 | 182.9 | Hofmann | " |
| " | 3:00 | 3710 | 3694 | 26.900 S | 14.98 W | 12.8 | 180.0 | Hofmann | " |
| " | 3:15 | 3789 | 3773 | 30.192 S | 15.026 W | 13.0 | 179.0 | Hofmann | " |
| " | 3:30 | 3975 | 3945 | 33.437 S | 15.026 W | 13.4 | 180.0 | Hofmann | " |
| " | 3:45 | 4170 | 4156 | 36.609 S | 14.94 W | 13.3 | 180.0 | Hofmann | " |
| " | 4:00 | 4089 | 3995 | 40.12 S | 15.02 W | 13.0 | 181.2 | Hofmann | " |
| " | 4:15 | - | 4068 | 43.34 S | 14.98 W | 13.5 | 179.1 | Hofmann | " |
| " | 4:30 | 4466 | 4468 | 46.60 S | 14.94 W | 13.0 | 180.1 | Hofmann | " |
| " | 4:45 | 4173 | 4160 | 49.68 S | 15.01 W | 12.9 | 180.1 | Hofmann | " |
| " | 5:00 | 4164 | 4144 | 53.04 S | 14.99 W | 13.0 | 179.5 | Hofmann | " |



| Datum | Zeit | PS | #S | Breite | Länge | Speed | Kurs | Wache | Ftg |
|-------|-------|------|------|-------------|-------------|-------|-------|------------|-----|
| 6. 1. | 5:15 | 3970 | 3948 | 54° 56,27 S | 48° 15,01 W | 13,0 | 181,0 | Hofmann | 4 |
| " | 5:30 | 3986 | 3753 | 59,43 S | 14,94 W | 13,1 | 181,0 | Hofmann | 3 |
| " | 5:45 | 3734 | 3712 | 55° 02,67 S | 48° 15,00 W | 13,2 | 181,0 | Hofmann | " |
| " | 6:00 | 3719 | 3694 | 5,92 S | 15,02 W | 12,9 | 180,0 | Hofmann | " |
| " | 6:15 | 3523 | 3505 | 9,03 S | 15,02 W | 13,0 | 180 | Kuhn | " |
| " | 6:30 | 3302 | 3317 | 12,28 S | 14,98 W | 12,9 | 179,8 | " | " |
| " | 6:45 | 3555 | 3520 | 14,46 S | 16,43 W | 11,9 | 269 | " | " |
| " | 7:00 | 3621 | 3600 | 14,47 S | 17,68 W | 0,5 | 1,3 | " | 5/5 |
| " | 9:00 | 3575 | 3544 | 14,45 S | 20,85 W | 26,9 | 14,8 | " | 4 |
| " | 9:17 | 3970 | 3962 | 12,49 S | 25,09 W | 2,3 | 14,8 | " | " |
| " | 9:30 | 3765 | 3750 | 9,63 S | 24,99 W | 0,1 | 14,8 | " | " |
| " | 9:45 | 3926 | 3927 | 5,88 S | 25,07 W | 35,9 | 14,8 | " | " |
| " | 10:00 | 4013 | 3993 | 02,23 S | 25,06 W | 14,8 | 2,0 | H. Schür | " |
| " | 10:15 | 4087 | 4081 | 54° 58,51 S | 24,96 W | 15,2 | 1,5 | " | " |
| " | 10:30 | 4064 | 4099 | 59,91 S | 25,00 W | 15,0 | 0,5 | " | " |
| " | 10:45 | 4282 | 4264 | 51,01 S | 24,96 W | 15,0 | 0,9 | " | " |
| " | 11:00 | 4443 | 4419 | 47,43 S | 24,91 W | 15,1 | 359,3 | " | " |
| " | 11:25 | 4717 | 4706 | 41,23 S | 25,02 W | 14,9 | 0,1 | Wardel | " |
| " | 11:30 | 4746 | 4719 | 40,08 S | 25,03 W | 15,0 | 0,8 | " | " |
| " | 11:45 | 3866 | 4647 | 36,46 S | 25,06 W | 14,8 | 0,5 | C. Sidie | " |
| " | 12:00 | 3295 | 4115 | 32,77 S | 25,06 W | 14,8 | 359,2 | Wardel | " |
| " | 12:15 | 4000 | 3980 | 24,13 S | 25,00 W | 14,8 | 0,5 | " | " |
| " | 12:30 | 4089 | 4079 | 25,36 S | 25,13 W | 14,9 | 359,6 | " | " |
| " | 12:45 | 3981 | 3866 | 21,37 S | 25,16 W | 15,4 | 1,9 | " | " |
| " | 13:00 | 3983 | 3868 | 17,94 S | 25,04 W | 15,0 | 1,7 | " | " |
| " | 13:15 | 4108 | 4087 | 14,17 S | 24,89 W | 15,0 | 1,0 | " | " |
| " | 13:30 | 4163 | 4145 | 10,46 S | 24,75 W | 14,9 | 359,4 | " | " |
| " | 13:45 | 4212 | 4196 | 06,90 S | 24,61 W | 14,2 | 32,4 | " | " |
| " | 14:00 | 4225 | 4214 | 54° 04,83 S | 48° 19,78 W | 15,3 | 57,9 | N. Schoole | " |
| " | 14:15 | 4154 | 4142 | 02,43 S | 14,36 W | 15,2 | 57,3 | N. Siede | " |
| " | 14:30 | 4064 | 4062 | 00,26 S | 09,51 W | 15,3 | 54,4 | N. Siede | " |
| " | 14:45 | 4019 | 4007 | 53° 58,29 S | 05,51 W | 2,9 | 359, | N. Siede | " |
| " | 21:15 | 4017 | 4019 | 38,07 S | 6,30 W | 1,2 | 10,7 | Kuhn | 4 |
| " | 21:45 | 4016 | 3993 | 59,12 S | 05,502 W | 3,7 | 41,7 | Harloff | " |
| " | 22:00 | 4040 | 4017 | 57,49 S | 08,997 W | 12,5 | 285,1 | " | " |
| " | 22:15 | 4161 | 4141 | 56,63 S | 13,822 W | 12,4 | 288,9 | " | " |
| " | 22:30 | 4191 | 4171 | 55,57 S | 18,689 W | 12,3 | 292,0 | " | " |



| Datum | Zeit | Tiefe PS | Tiefe HS | Breite | Länge | Speed | Kurs | Wache | Endp. |
|----------|-------|-------------|-------------|-------------|-------------|-------|-------|----------|-------|
| 6. 1. 94 | 22:45 | 4700 | 4273 | 53°54.430 S | 48°23.600 W | 12.5 | 291.0 | Harloff | 4 |
| " | 23:00 | 4460 | 4443 | 53.298 S | 28.429 W | 12.2 | 290.6 | " | " |
| " | 23:15 | 4534 | 4516 | 52.2 S | 33.4 W | 12.0 | 290.2 | Hermanns | 4 |
| " | 23:30 | 5076 | 5082 | 51.2 S | 38.3 W | 12.6 | 289.2 | Hermanns | " |
| " | 23:45 | 4814 | 4782 | 50.1 S | 43.3 W | 12.6 | 292.4 | Hermanns | " |
| " | 24:00 | 4087 | 4083 | 48.9 S | 48.1 W | 12.4 | 290.9 | Hermanns | " |
| 7. 1. 94 | 00:15 | 5003 | 4994 | 47.9 S | 52.8 W | 12.5 | 289.5 | Hopmann | " |
| " | 00:30 | 4864 | 4818 | 46.6 S | 58.2 W | 13.2 | 290.8 | " | " |
| " | 00:45 | 4686 | 4640 | 45.7 S | 49° 02.5 W | 12.3 | 287.7 | " | " |
| " | 01:05 | 4273 | 4239 | 44.4 S | 08.9 W | 12.4 | 291.5 | " | " |
| " | 1:15 | 4239 | 4248 | 43.6 S | 12.0 W | 12.4 | 292.7 | Hermanns | " |
| " | 1:30 | 4119 | 4082 | 42.4 S | 16.7 W | 12.8 | 296.6 | Hermanns | " |
| " | 1:45 | 3285 | 3262 | 41.5 S | 21.3 W | 11.7 | 286.1 | Hermanns | " |
| " | 2:00 | 3343 | 3318 | 40.5 S | 26.0 W | 12.1 | 289 | Hermanns | " |
| " | 2:15 | 3524 | 3460 | 39.49 S | 30.61 W | 12.1 | 292.6 | C. Sidie | " |
| " | 2:30 | 2867 | 2864 | 38.41 S | 35.06 W | 12.3 | 286.0 | " | " |
| " | 2:45 | 1778 | 1733 | 37.45 S | 39.45 W | 11.5 | 288.0 | " | " |
| " | 3:00 | 1077 | 802 | 36.47 S | 44.08 W | 11.9 | 291.8 | " | " |
| " | 3:15 | ~2050 | 2089 | 35.32 S | 49.05 W | 11.8 | 290.4 | H. Slat | " |
| " | 3:30 | ~1250 | 1248 | 34.37 S | 53.55 W | 12.1 | 294.1 | " | " |
| " | 3:45 | 945 | 936 | 33.29 S | 58.15 W | 11.7 | 292.4 | " | " |
| " | 4:00 | 861 | 845 | 32.23 S | 50° 02.89 W | 12.2 | 294.5 | " | " |
| " | 4:15 | 684 | 670 | 31.15 S | 07.76 W | 12.3 | 294.1 | " | " |
| " | 4:30 | 754 | 735 | 29.96 S | 12.62 W | 12.0 | 293.1 | " | " |
| " | 4:45 | 1103 | 1268 | 28.87 S | 17.52 W | 12.2 | 293.0 | " | " |
| " | 5:00 | ~2050 | 2011 | 27.79 S | 22.53 W | 12.4 | 292.0 | " | " |
| " | 5:15 | 2577 | 2562 | 26.61 S | 27.32 W | 12.4 | 288.2 | " | " |
| " | 5:30 | ~2030 | 2028 | 25.58 S | 32.36 W | 12.7 | 289.0 | " | " |
| " | 5:45 | 1188 | 1170 | 24.48 S | 37.29 W | 12.9 | 294.9 | " | " |
| " | 6:00 | ? | 612 | 23.44 S | 42.06 W | 12.0 | 294.0 | " | " |
| " | 6:16 | 1169 | 1157 | 22.23 S | 47.56 W | 12.4 | 289.0 | G. Kuhn | " |
| " | 6:30 | 1235 | 1202 | 21.31 S | 51.68 W | 12.4 | 292 | " | " |
| " | 6:45 | 1502 | 1473 | 20.77 S | 56.47 W | 12.0 | 297 | " | " |



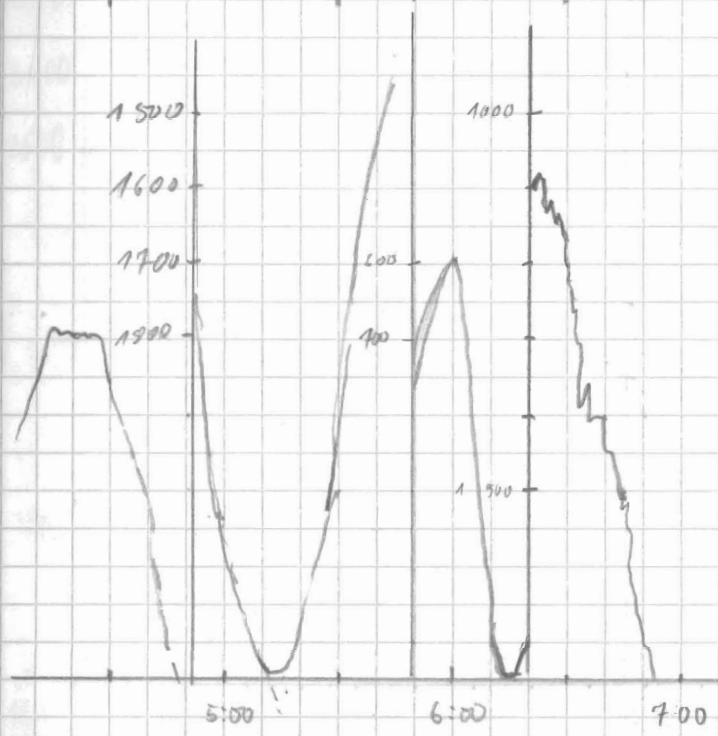
| Pulse | Range | Scale | Mode | Time | wt | R | H | M | Roll No. | Tape No. |
|-------|--------|-------|------|------|----|---|---|---|-------------|-------------|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 12 | 17 |
| " | " | " | " | " | " | " | " | " | " | " |
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | " | " |
| " | 10,000 | " | " | " | " | " | " | " | " | " |
| " | 5000 | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | 1000 | 200 | 1 | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | 2000 | 200 | 4 | " | " | " | " | " | " | " |
| " | 5000 | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | 2000 | " | " | " | " | " | " | " | " | " |
| " | 1000 | " | 1 | " | " | " | " | " | " | " |
| " | 2000 | " | 4 | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |

22:56: Ende gut. Reflektor

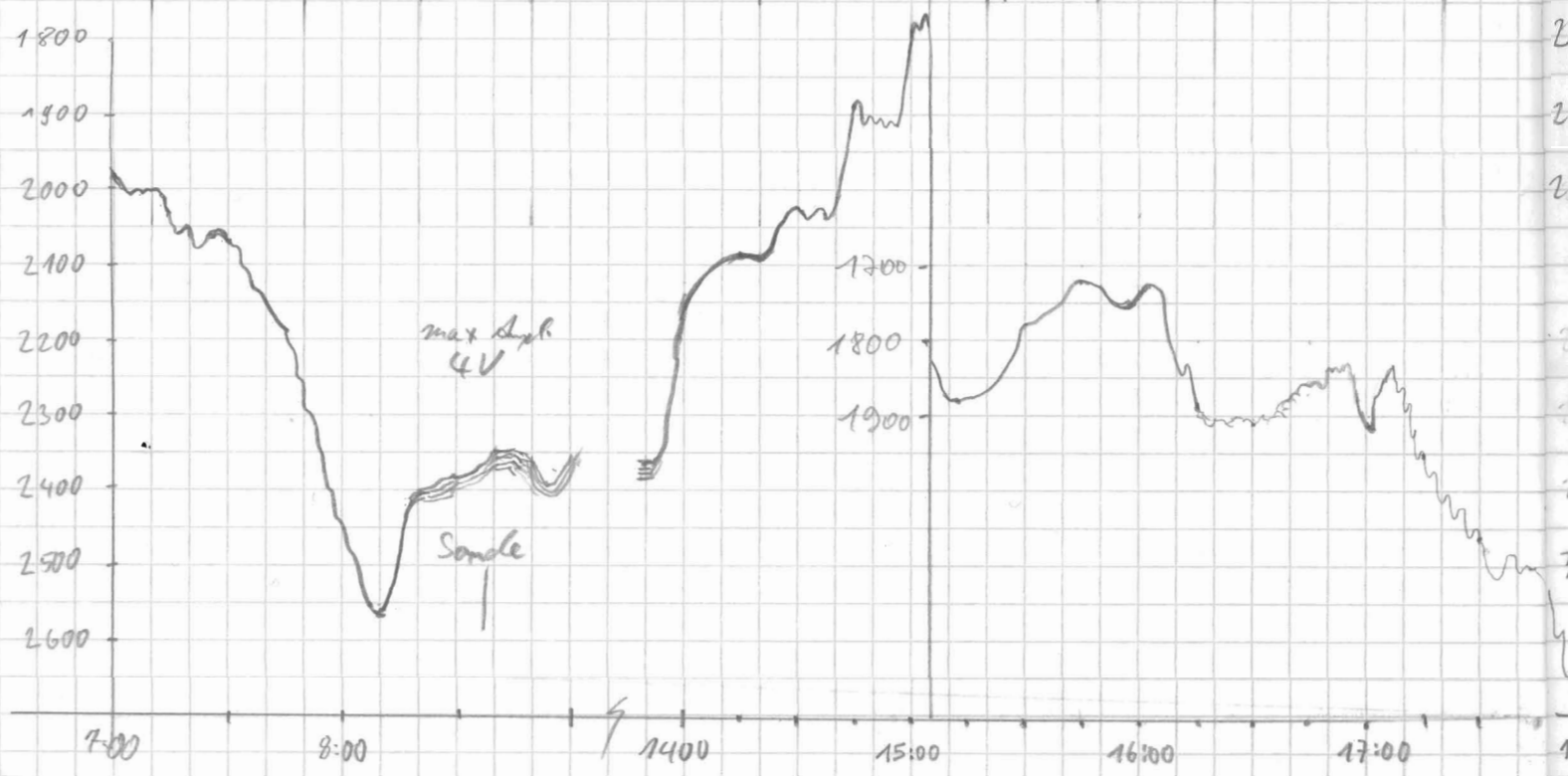
2:52 unterhalb 1000 m, Mode auf 1 gestellt, Channel auf PAR
2:59 wieder zurückgestellt

Taken mit r: Injige ausgefallen, vom Test abgelesen.

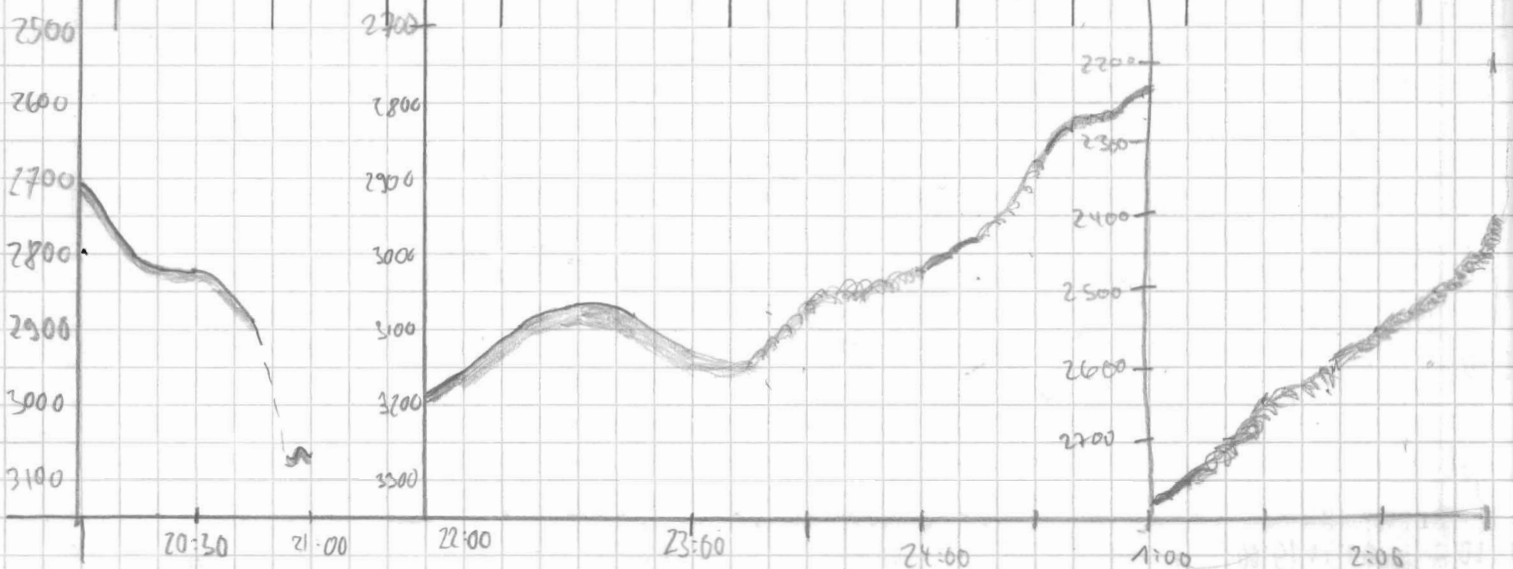
Pearson - Blues, 1st Theme:
When I woke up this morning,
my reflexes was gone



| Datum | Zeit | Tiefe PS | Tiefe HS | Breite | Länge | Speed | Kurs | Wache | Freq. |
|--------|-------|-------------|-------------|--------------|--------------|-------|-------|-----------|-------|
| 7.1.34 | 7:00 | 1980 | 1944 | 53° 19,09' S | 51° 01,21' W | 12,1 | 292 | Kulm | 4 |
| | 7:15 | 2066 | 2040 | 17,97' S | 5,80' W | 12,2 | 292 | " | " |
| | 7:30 | - | 2075 | 16,96' S | 10,43' W | 12,2 | 297 | " | " |
| | 7:45 | 2190 | 2154 | 15,99' S | 15,06' W | 12,1 | 294 | " | " |
| | 8:06 | 2565 | 2528 | 15,07' S | 20,59' W | 12,0 | 270 | " | " |
| | 8:15 | 2410 | 2382 | 15,11' S | 23,29' W | 12,1 | 268 | " | " |
| | 8:31 | 2385 | 2354 | 15,19' S | 28,01' W | 9,6 | 268 | " | " |
| | 8:45 | 2389 | 2357 | 15,07' S | 28,03' W | 10,8 | 92 | " | " |
| | 9:00 | 2325 | 2295 | 16,26' S | 27,38' W | 0,6 | 131 | " | 575 |
| | 10:47 | 2374 | - | 15,27' S | 28,16' W | 8,1 | 273 | " | 4 |
| | 14:05 | 2933 | - | 14,98' S | 34,32' W | 12,8 | 275 | " | " |
| | 14:15 | 2088 | - | 14,91 S | 37,64 W | 12,6 | 270,4 | C. Diddie | " |
| | 14:30 | 2024 | - | 14,89 S | 42,38 W | 12,5 | 270,6 | " | " |
| | 14:45 | 1884 | - | 14,88 S | 48,18 W | 12,5 | 270,0 | " | " |
| | 15:00 | 1775 | 1796 | 14,86 S | 53,43 W | 12,3 | 269,7 | " | " |
| | 15:15 | 1893 | 1859 | 14,81 S | 58,63 W | 12,4 | 2702 | " | " |
| | 15:30 | 1773 | 1750 | 14,78 S | 52° 03,73 W | 12,4 | 269,2 | " | " |
| | 15:45 | 1723 | 1706 | 14,71 S | 08,78 W | 12,3 | 270,5 | " | " |
| | 16:00 | 1735 | 1721 | 14,63 S | 13,78 W | 12,5 | 270,8 | " | " |
| | 16:15 | 1881 | 1853 | 14,64 S | 18,83 W | 12,3 | 269,4 | " | " |
| | 16:30 | 1909 | 1893 | 14,63 S | 23,92 W | 12,1 | 267,8 | " | " |
| | 16:45 | 1861 | 1861 | 14,64 S | 28,78 W | 12,2 | 267,9 | " | " |
| | 17:00 | 1921 | 1898 | 14,64 S | 33,61 W | 11,8 | 269,2 | " | " |
| | 17:15 | 1974 | 1970 | 14,609 S | 38,442 W | 11,7 | 269,2 | Harloff | " |
| | 17:30 | 2062 | 2042 | 14,614 S | 43,104 W | 11,7 | 270,0 | " | " |
| | 17:45 | 2100 | 2168 | 14,639 S | 47,938 W | 11,8 | 272,2 | " | " |
| | 18:00 | 16503 | 2391 | 14,535 S | 52,782 W | 11,7 | 273,6 | " | " |
| | 18:15 | 2521 | 2479 | 14,492 S | 57,560 W | 11,8 | 271,6 | " | " |
| | 18:30 | 2516 | 2514 | 14,542 S | 53° 02,167 W | 12,9 | 289,3 | " | " |
| | 18:45 | 2520 | 2500 | 14,456 S | 07,179 W | 11,5 | 270,9 | " | " |
| | 19:00 | 2552 | 2542 | 14,542 S | 11,866 W | 11,6 | 268,8 | " | " |
| | 19:15 | 2626 | 2620 | 14,483 S | 16,625 W | 11,5 | 275,4 | " | " |
| | 19:30 | 2597 | 2624 | 14,477 S | 21,351 W | 11,4 | 277,3 | " | " |
| | 19:48 | 2703 | 2689 | 14,486 S | 27,332 W | 12,0 | 269,9 | " | " |
| | 20:00 | 2709 | 2685 | 14,5 S | 31,1 W | 12,1 | 272,6 | Hermanns | " |



| Date | Time | Tiefe Pj | Tiefe HS | Lat. | Long. | Speed | Kurs | Wache | Fuv. |
|----------|-------|----------|----------|------------|------------|-------|-------|----------|------|
| 7. 1. 94 | 20:15 | 2806 | 2777 | 53° 14,4 S | 53° 36,1 W | 12,0 | 271,7 | Hermanns | 4 |
| " | 20:30 | 2798 | 2822 | 14,4 S | 41,0 W | 11,6 | 272,5 | Hermanns | " |
| " | 20:45 | 2884 | 2889 | 14,3 S | 46,0 W | 11,8 | 266,9 | Hermanns | " |
| " | 21:00 | 3068 | 3041 | 14,3 S | 50,9 W | 12,3 | 269,4 | Hermanns | " |
| " | 22:00 | 3170 | 3153 | 53° 14,2 S | 54° 11,1 W | 12,1 | 271,7 | Hermanns | " |
| " | 22:15 | 3094 | 3073 | 14,2 S | 15,7 W | 11,5 | 268,9 | Hermanns | " |
| " | 22:30 | 3070 | 3049 | 14,2 S | 20,6 W | 12,2 | 271,7 | Hermanns | " |
| " | 22:45 | 3077 | 3053 | 14,2 S | 25,7 W | 11,9 | 269,8 | Hermanns | " |
| " | 23:00 | 3118 | 3098 | 14,1 S | 30,7 W | 12,1 | 272,2 | Hermanns | " |
| | 23:15 | 3140 | 3112 | 14,1 S | 35,6 W | 12,1 | 269,9 | Hofmann | |
| | 23:30 | 3085 | 3092 | 14,09 S | 39,8 W | 12,0 | 268,0 | Hofmann | |
| | 23:45 | 3042 | 3034 | 14,06 S | 45,86 W | 12,0 | 268,9 | Hofmann | |
| | 24:00 | 3036 | 2992 | 14,43 S | 51,07 W | 12,3 | 267,2 | Hofmann | |
| 8. 1. 94 | 00:15 | 2985 | 2952 | 14,01 S | 55,96 W | 13,4 | 270,2 | Hofmann | |
| | 00:30 | 2890 | 2876 | 53° 14,00 | 55° 01,10 | 11,7 | 269,1 | " | " |
| | 00:45 | 2821 | 2798 | 13,97 | 06,35 | 12,5 | 270,1 | " | " |
| | 01:00 | 2778 | 2755 | 13,95 | 10,99 | 12,1 | 269,6 | " | " |
| | 01:15 | 2706 | 2680 | 13,93 | 15,87 | 11,9 | 271,1 | " | " |
| | 01:30 | 2647 | 2625 | 13,91 | 20,78 | 11,3 | 270,3 | " | " |
| | 01:45 | 2602 | 2580 | 13,88 | 25,87 | 11,7 | 272,4 | " | " |
| | 02:00 | 2548 | | 13,84 | 30,83 | 11,3 | 272,0 | " | " |
| | 02:15 | 2500 | | 13,80 | 35,01 | 11,0 | 272,4 | " | " |
| | 02:30 | 2425 | 2402 | 13,78 | 41,77 | 11,3 | 268,5 | Wadel | " |
| | 03:00 | 2365 | 2342 | 13,71 | 48,74 | 10,5 | 270,2 | " | " |
| | 03:15 | 2332 | 2311 | 13,67 | 53,22 | 10,5 | 274,3 | " | " |
| | 03:30 | 2308 | 2285 | 13,63 | 57,39 | 10,0 | 265,6 | " | " |
| | 03:45 | 2282 | 2263 | 13,74 | 56° 01,49 | 9,7 | 265,3 | " | " |
| | 04:00 | 2272 | 2248 | 13,68 | 05,56 | 10,4 | 269,1 | " | " |
| | 04:15 | 2257 | 2235 | 13,60 | 09,73 | 9,4 | 272,6 | " | " |
| | 04:30 | 2245 | 2221 | 13,65 | 14,03 | 10,3 | 266,3 | " | " |
| | 04:45 | 2230 | 2205 | 13,63 | 17,94 | 9,7 | 262,1 | " | " |
| | 05:00 | 2215 | 2190 | 13,65 | 21,90 | 9,6 | 262,6 | " | " |
| | 05:15 | 2194 | 2173 | 13,64 | 25,75 | 9,8 | 264,9 | " | " |
| | 05:30 | 2173 | 2150 | 13,63 | 29,67 | 8,3 | 260,2 | " | " |
| | 05:45 | 2146 | 2130 | 13,57 | 33,55 | 9,7 | 264,9 | " | " |
| | 06:00 | 2126 | 2104 | 13,52 | 37,52 | 8,7 | 272,4 | " | " |
| | 06:15 | 2103 | 2079 | 13,55 | 41,48 | 10,1 | 270,9 | " | " |
| | 06:30 | 2077 | 2056 | 13,44 | 45,09 | 9,6 | 275,7 | " | " |
| | 6:45 | 2052 | 2029 | 13,48 | 48,80 | 10,1 | 271 | Kuhns | " |
| | 7:00 | 2024 | 2002 | 13,50 | 52,70 | 10,0 | 270 | " | " |

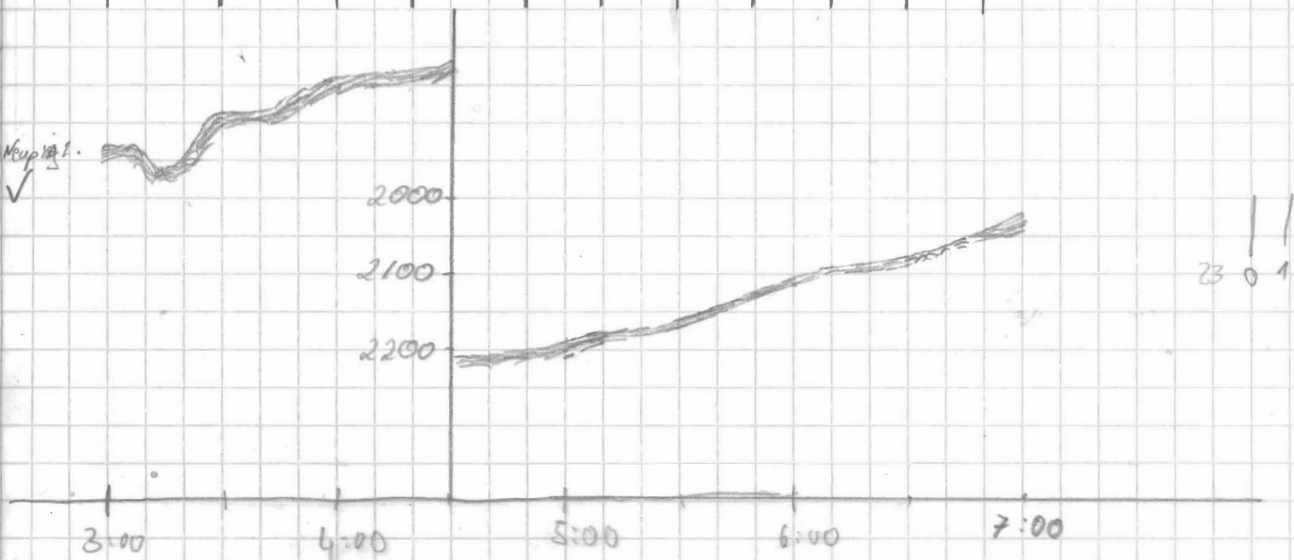


| Pulse | Range | Scale | Mode | Time | wt | P | H | M | Roll Nr. | Dist Nr. |
|-------|-------|-------|------|------|----|---|---|---|----------|----------|
| 4 | 5000 | 200 | 4 | 266 | 10 | 0 | 3 | 1 | 12 | 18 |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |
| " | " | " | " | " | " | " | " | " | " | " |

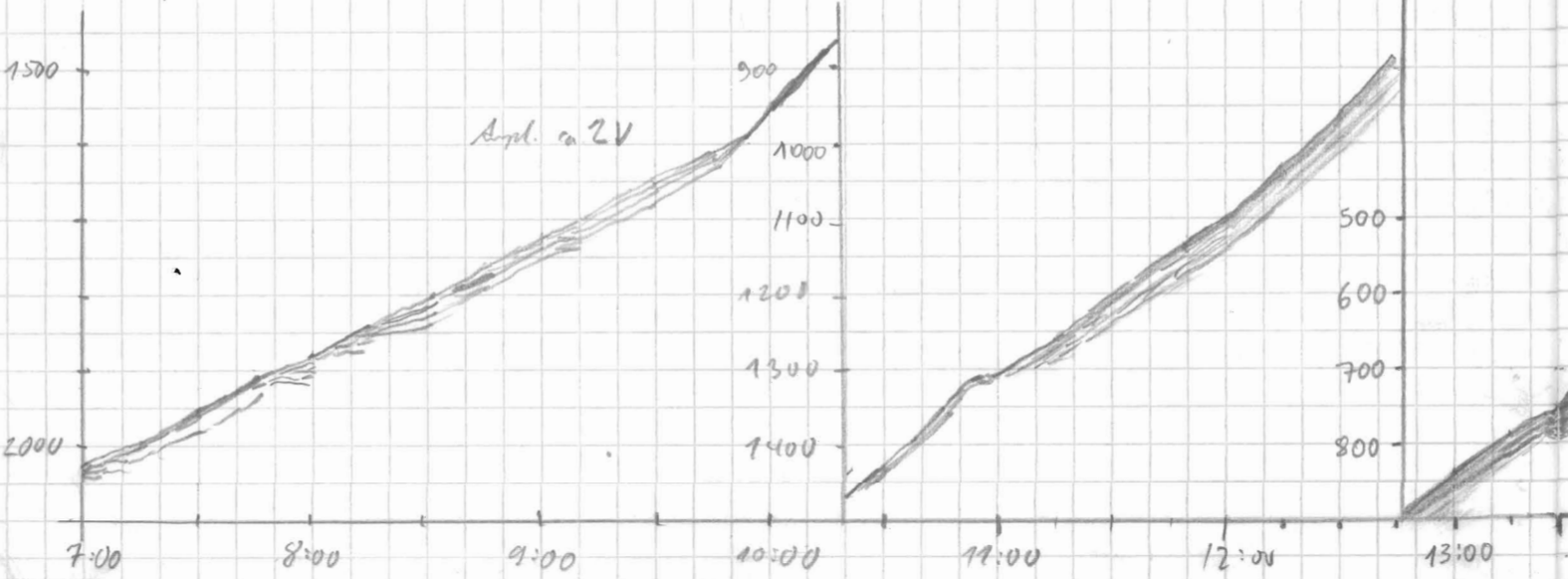
Back again

CO32

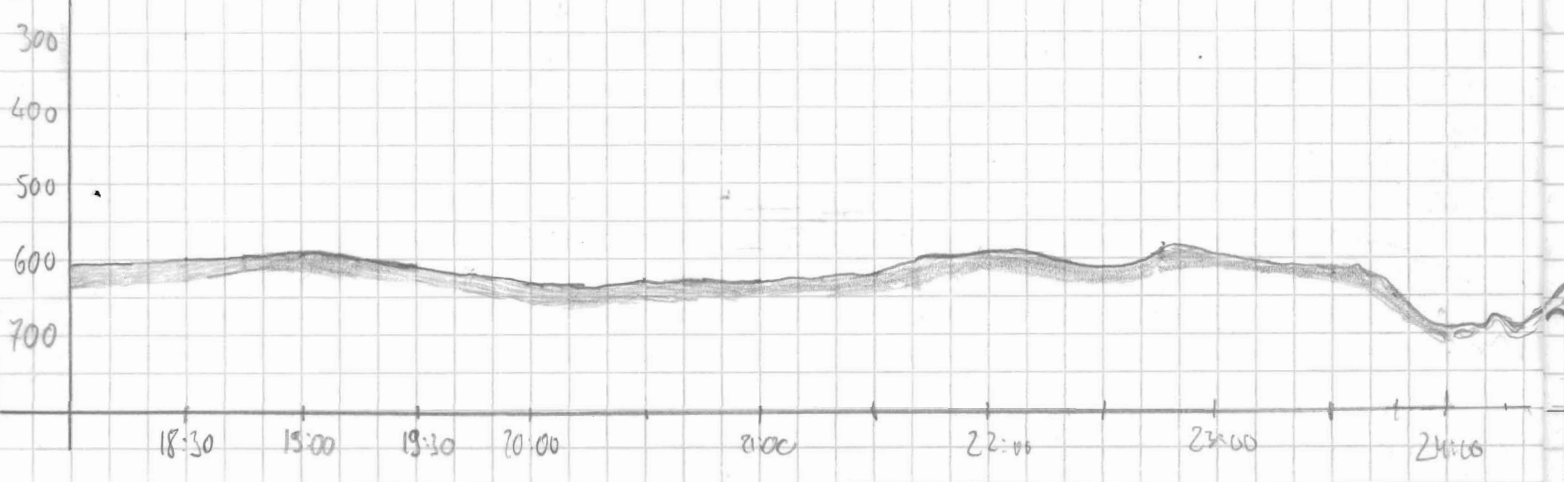
Error in HI? Neuprogramierung?



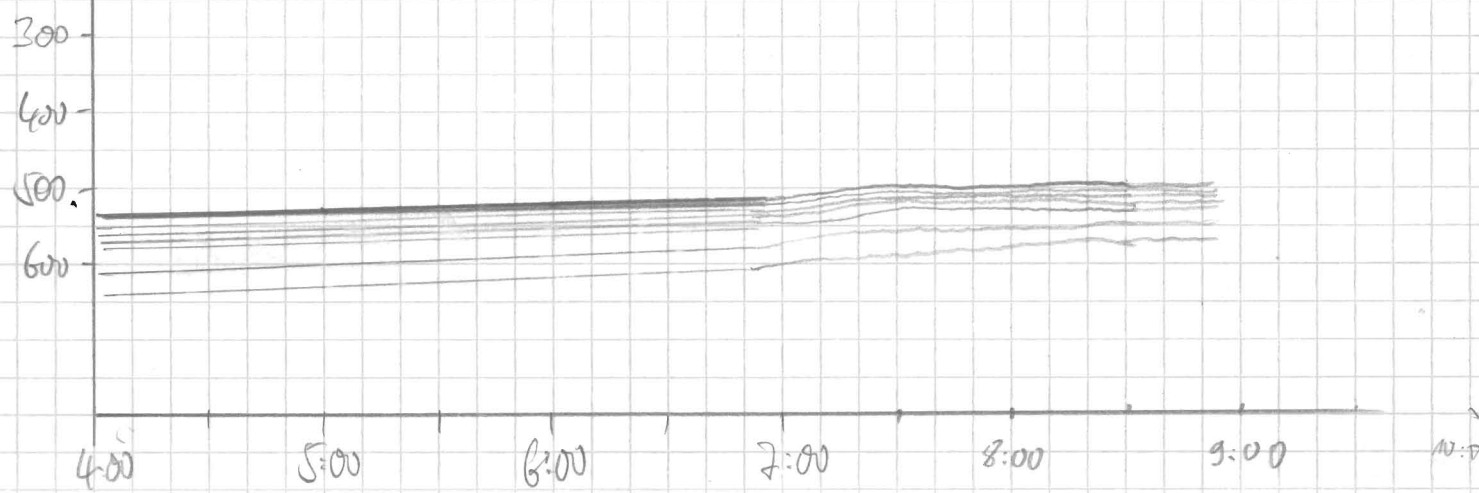
| Date | Time | Tide PS | Tide MS | Lat | Long | Speed | Swis | Wache | Fig |
|--------|-------|------------|------------|---------------|---------------|-------|-------|----------|-----|
| 8.1.14 | 7:15 | 1497 | 1968 | 53°13, 54'S | 56°58, 69'W | 9,2 | 277 | Kuhn | 4 |
| " | 7:30 | 1453 | 1929 | 13, 57'S | 57° 0, 46'W | 9,6 | 277 | " | " |
| " | 7:45 | 1914 | 1893 | 13, 47'S | 4, 22'W | 8,9 | 277 | " | " |
| " | 8:00 | 1876 | 1852 | 13, 41'S | 8, 16'W | 9,6 | 274 | " | " |
| " | 8:15 | 1843 | 1821 | 13, 41'S | 12, 03'W | 9,6 | 272 | " | " |
| " | 8:33 | 1800 | 1781 | 13, 41'S | 16, 63'W | 10,1 | 267 | " | " |
| " | 8:45 | 1772 | 1753 | 13, 41'S | 19, 65'W | 9,8 | 269 | " | " |
| " | 9:00 | 1732 | 1712 | 13, 32'S | 23, 61'W | 9,9 | 272 | " | " |
| " | 9:15 | 1694 | 1672 | 13, 21'S | 27, 56'W | 9,5 | 272 | " | " |
| " | 9:30 | 1653 | 1632 | 13, 26'S | 31, 30'W | 9,2 | 269 | " | " |
| " | 9:45 | 1608 | 1547 | 13, 28'S | 35, 25'W | 9,5 | 267 | " | " |
| " | 10:00 | 1547 | 1529 | 13, 27'S | 39, 29'W | 9,9 | 273 | " | " |
| " | 10:15 | 1473 | 1457 | 13, 29'S | 43, 14'W | 10,5 | 270 | " | " |
| " | 10:30 | 1420 | 1401 | 13, 25'S | 47, 25'W | 10,5 | 270 | " | " |
| " | 10:45 | 1352 | 1332 | 13, 25'S | 51, 34'W | 9,0 | 269 | " | " |
| " | 11:00 | 1289 | 1294 | 13, 29'S | 55, 50'W | 9,4 | 272 | N. Siede | " |
| " | 11:15 | 1265 | 1247 | 13, 19'S | 59, 50'W | 9,4 | 268 | " | " |
| " | 11:30 | 1213 | 1200 | 13, 16'S | 58° 03, 77'W | 10,9 | 271 | " | " |
| " | 11:45 | 1161 | 1145 | 13, 09'S | 08, 08'W | 10,4 | 271 | " | " |
| " | 12:00 | 1101 | 1088 | 13, 06'S | 12, 44'W | 10,7 | 267,8 | C. Didi | " |
| " | 12:15 | 1032 | 1020 | 12, 93'S | 16, 89'W | 11,0 | 271,2 | " | " |
| " | 12:30 | 963 | 953 | 12, 82'S | 21, 39'W | 10,3 | 271,4 | " | " |
| " | 12:45 | 897 | 881 | 12, 782'S | 25, 898'W | 10,7 | 271,3 | " | " |
| " | 13:00 | 830 | 819 | 12, 84'S | 30, 27'W | 10,8 | 265,4 | " | " |
| " | 13:15 | 787 | 774 | 13, 01'S | 34, 62'W | 10,8 | 266,4 | " | " |
| " | 13:30 | 750 | 738 | 13, 14'S | 38, 86'W | 10,6 | 266,5 | " | " |
| " | 13:45 | 708 | 697 | 13, 13'S | 43, 18'W | 10,5 | 274,0 | " | " |
| " | 14:00 | 663 | 651 | 12, 93'S | 47, 41'W | 10,7 | 273,8 | " | " |
| " | 14:15 | 637 | 626 | 12, 96'S | 51, 82'W | 10,4 | 270,9 | " | " |
| " | 14:30 | 622 | 612 | 12, 94'S | 56, 19'W | 10,7 | 272,4 | " | " |
| " | 14:45 | 612 | 602 | 12, 92'S | 59° 00, 34'W | 10,5 | 273,8 | " | " |
| " | 15:00 | 606 | 595 | 12, 898'S | 04, 510'W | 10,9 | 270,3 | Harloff | " |
| " | 15:07 | 605 | 594 | 59° 12, 920'S | 59° 66, 319'W | | | " | " |
| " | 15:30 | 606 | 595 | 12, 982'S | 05, 673'W | | | " | " |
| " | 17:00 | 611 | 606 | 13, 21'S | 3, 63'W | 1,6 | 73 | Kuhn | " |
| " | 17:30 | 608 | 602 | 12, 812'S | 02, 374'W | 1,4 | 67,3 | Harloff | " |
| " | 17:45 | 607 | 602 | 12, 868'S | 03, 435'W | 6,9 | 276,9 | " | " |
| " | 18:00 | 603 | 602 | 12, 6'S | 06, 0'W | 6,8 | 278,7 | Hermanns | " |



| Date | Time | Tide PS | Tide HS | Lat | Long | Speed | Kurs | Wache | Fog |
|----------|-------|------------|------------|------------|-------------|-------|-------|-------------|-----|
| 8. 1. 94 | 18:15 | 602 | 602 | 53° 12,4 S | 59° 08,4 W | 6,0 | 279,8 | Hermanns | 4 |
| " | 18:30 | 600 | 589 | 12,1 S | 10,7 W | 5,8 | 285,1 | Hermanns | " |
| " | 18:45 | 599 | 589 | 11,8 S | 13,1 W | 6,1 | 277,3 | Hermanns | " |
| " | 19:00 | 598 | 589 | 11,7 S | 15,5 W | 6,1 | 271,8 | Hermanns | " |
| " | 19:15 | 601 | 591 | 11,6 S | 18,2 W | 6,0 | 272,5 | Hermanns | " |
| " | 19:30 | 603 | 594 | 11,6 S | 21,1 W | 6,6 | 271,2 | Hermanns | " |
| " | 19:45 | 610 | 601 | 11,5 S | 23,6 W | 6,8 | 269,9 | Hermanns | " |
| " | 20:00 | 615 | 607 | 11,5 S | 26,3 W | 6,7 | 271,0 | Hermanns | " |
| " | 20:15 | 616 | 609 | 11,5 S | 29,0 W | 6,3 | 272,4 | Hermanns | " |
| " | 20:30 | 620 | 611 | 11,5 S | 31,8 W | 6,6 | 271,6 | Hermanns | " |
| " | 20:45 | 619 | 610 | 11,5 S | 34,5 W | 6,5 | 268,5 | Hermanns | " |
| " | 21:00 | 612 | 604 | 11,5 S | 37,1 W | 6,2 | 269,7 | Hermanns | " |
| " | 21:15 | 616 | 608 | 11,6 S | 39,9 W | 6,5 | 265,0 | Hofmann | " |
| " | 21:30 | 615 | 606 | 11,7 S | 42,6 W | 6,9 | 275,0 | Hofmann | " |
| " | 21:45 | 593 | 585 | 11,6 S | 45,6 W | 6,9 | 271,0 | Hofmann | " |
| " | 22:00 | 596 | 584 | 11,5 S | 48,36 W | 6,6 | 271,1 | Hofmann | " |
| " | 22:15 | 598 | 602 | 11,3 S | 50,21 W | 6,4 | 272,7 | Hofmann | " |
| " | 22:30 | 610 | 601 | 11,4 S | 53,85 W | 6,4 | 275,1 | Hofmann | " |
| " | 22:45 | 597 | 588 | 11,3 S | 56,28 W | 6,3 | 272,6 | Hofmann | " |
| " | 23:00 | 597 | 588 | 11,2 S | 59,58,85 W | 6,0 | 272,2 | Hofmann | " |
| " | 23:15 | 626 | 616 | 11,1 S | 60° 01,3 W | 6,1 | 273,1 | Hofmann | " |
| " | 23:30 | 629 | 619 | 11,0 S | 60° 03,8 W | 6,1 | 273,9 | Hofmann | " |
| " | 23:45 | 645 | 634 | 11,01 S | 60° 06,36 W | 6,3 | 274,0 | Hofmann | " |
| " | 24:00 | 671 | 661 | 10,94 S | 60° 08,85 W | 6,1 | 274,0 | Hofmann | " |
| 9. 1. 94 | 00:15 | 666 | 656 | 10,86' S | 11,48' W | 6,5 | 273,4 | H. Glibe | " |
| " | 0:30 | 628 | 621 | 10,79' S | 14,08' W | 6,4 | 267,6 | " | " |
| " | 0:45 | 601 | 593 | 10,71' S | 16,56' W | 6,3 | 274,2 | " | " |
| " | 1:00 | 595 | 587 | 10,64' S | 19,13' W | 6,0 | 275,0 | " | " |
| " | 1:15 | 591 | 583 | 10,56' S | 21,55' W | 6,1 | 272,9 | " | " |
| " | 1:30 | 588 | 580 | 10,49' S | 23,93' W | 5,7 | 274,5 | " | " |
| " | 1:45 | 584 | 576 | 10,43' S | 26,09' W | 5,4 | 272,4 | " | " |
| " | 2:00 | 579 | 570 | 10,37' S | 28,18' W | 5,1 | 276,2 | " | " |
| " | 2:15 | 572 | 563 | 10,31' S | 30,45' W | 6,0 | 270,9 | " | " |
| " | 2:30 | 567 | 559 | 10,24' S | 32,71' W | 5,8 | 275,1 | " | " |
| " | 2:45 | 560 | 551 | 10,17' S | 35,10' W | 6,0 | 279,7 | " | " |
| " | 3:00 | 553 | 540 | 10,09' S | 37,62' W | 6,3 | 274,4 | " | " |
| " | 3:15 | 547 | 540 | 10,02' S | 40,17' W | 6,0 | 276 | Karl Fjorde | " |
| " | 3:30 | 542 | 535 | 09,95' S | 42,55' W | 6,1 | 273 | - 6 - | " |
| " | 3:45 | 539 | 531 | 09,88' S | 44,99' W | 6,2 | 272 | - 6 - | " |
| " | 4:00 | 536 | 528 | 09,78' S | 47,37' W | 5,6 | 274 | - 4 - | " |



| Datum | Zeit | Tiefe PS | Tiefe MS | Latitude | Longitude | Speed Knots | Wade | Fog | |
|--------|-------|-------------|-------------|-------------|-------------|----------------|------|----------|---|
| 9.1.94 | 4:15 | 534 | 527 | 53° 09.73 S | 60° 49.68 W | 5.7 | 272 | N. Meelo | 4 |
| " | 4:30 | 531 | 525 | 09.65 S | 51.90 W | 5.7 | 274 | " | " |
| " | 4:45 | 530 | 522 | 09.56 S | 54.25 W | 5.7 | 274 | " | " |
| " | 5:00 | 528 | 520 | 09.51 S | 56.80 W | 6.2 | 273 | " | " |
| " | 5:15 | 526 | 518 | 09.41 S | 59.39 W | 6.6 | 272 | " | " |
| " | 5:30 | 523 | 514 | 09.38 S | 61° 02.03 W | 6.1 | 271 | " | " |
| " | 5:45 | 521 | 511 | 09.38 S | 04.63 W | 6.2 | 269 | " | " |
| " | 6:00 | 520 | 509 | 09.25 S | 07.30 W | 6.3 | 275 | " | " |
| " | 6:15 | 517 | 507 | 09.04 S | 10.25 W | 6.0 | 279 | " | " |
| " | 6:30 | 515 | 507 | 08.97 S | 12.82 W | 6.4 | 273 | " | " |
| " | 6:45 | 513 | 503 | 08.95 S | 15.44 W | 6.0 | 267 | " | " |
| " | 7:00 | 510 | 502 | 08.91 S | 18.05 W | 5.6 | 276 | Kalbar | " |
| " | 7:15 | 508 | 498 | 08.80 S | 20.61 W | 5.8 | 274 | " | " |
| " | 7:30 | 507 | 498 | 08.75 S | 23.01 W | 6.0 | 270 | " | " |
| " | 7:45 | 506 | 497 | 08.71 S | 25.36 W | 6.8 | 277 | " | " |
| " | 8:00 | 504 | 496 | 08.58 S | 27.92 W | 5.8 | 276 | " | " |
| " | 8:15 | 502 | 494 | 08.53 S | 30.24 W | 5.6 | 274 | " | " |
| " | 8:30 | 500 | 492 | 08.48 S | 32.78 W | 5.5 | 279 | " | " |
| " | 8:45 | 498 | 491 | 08.40 S | 35.06 W | 7.9 | 349 | " | " |
| " | 10:34 | 498 | 491 | 8.00 S | 34.50 W | 0.4 | 50 | " | " |
| " | 11:00 | | | | | | | | |



| Netz | Zeuge | Scale | Grade | Time | Wt | Z | H | M | Zolle | Reed | Bemerkungen |
|------|-------|-------|-------|------|----|---|---|---|-------|------|-------------------------------|
| 4 | 1000 | 100 | 1 | 133 | 20 | 0 | 3 | 1 | 13 | 18 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 17.0 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8.4 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9.0 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 15.0 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6.0 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8.0 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6.4 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8.2 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6.1 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6-10 V |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8-10 V |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | ant Station, kl. Frequenztest |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | Frequenztest 15m KOL! |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | Ende der Aufzeichnungen |

Spallhärte