

PQ2-009.4 (DEKORP/BASIN 1996) (Near-vertical reflection profiling)

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| General information | Recorded by | April 1996 Research vessel M.S. "Polar Queen", Norway |
| | for | Helmholtz Centre Potsdam German Research Centre for Geosciences – GFZ, Potsdam Federal Institute for Geosciences and Natural Resources – BGR, Hanover |
| | Area | Northeast German Basin / Southern Baltic Sea |
| | Profile length / direction / azimuth | 57.1875 km / SE – NW / -15.35651 ° |
| | Total data amount | 1.69 GB |
| Recording | Recording system | SYNTRAK 480 MSRS |
| | Sample interval | 4 ms |
| | No. of channels | 84 |
| | Field filter | LC 3 Hz, Antialias, no NTCH |
| | Noise reduction | Off |
| | Recording format | SEG-D (demultiplexed) |
| | Recording time | 26.6 s |
| Receivers | Streamer type | SYNTRON RDS 50 (120 channels, 3000 m) |
| | Hydrophones per group | 16 × 2, linear |
| | Group length / spacing | 25 m / 25 m |
| | Spread length | 2100 m |
| | Streamer depth | 8 m |
| Sources | Source type | Air gun array (pressure waves) |
| | Pressure | 130 bar |
| | No. of air guns | 20 air guns on two tuned linear strings with two groups each (total volume of 52 l) |
| | Array length / depth | 13 m / 7 m |
| | Vertical stacking rate | 1-fold |
| | Recording configuration | Streamer [-2148.5 – -73.5 m] → Airguns [-7.5 – 7.5 m] → Ship [44 – 124 m] |
| | Source point interval | 30 s (= 75 m at 4.9 kn) |
| CDPs | No. of source points | 749 |
| | Coverage (theor. / real) | 14-fold |
| | CDP-spacing | 12.5 m |
| | Final datum | Sea level |

Geometry dimensions

| | Record | X coord. | Y coord. | Lon. | Lat. |
|---------------|--------|-----------------------------|------------|------------------------|-------------|
| | | Gauss-Krueger (Bessel, Pdm) | | Decimal degree (WGS84) | |
| Source | 2827 | 4472729.00 | 6044691.00 | 11.57717715 | 54.53126190 |
| | 3575 | 4418582.00 | 6059548.00 | 10.73680003 | 54.65888656 |
| CDP | 1 | 4473863.50 | 6044387.00 | 11.59472822 | 54.52859087 |
| | 4576 | 4418714.00 | 6059512.50 | 10.73885478 | 54.65858903 |