

## PQ2-008 (DEKORP/BASIN 1996) (Near-vertical reflection profiling)

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	90.925 km / SE – NW / -36.55723 °
	Total data amount	3.10 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	140 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)
No. of source points	1377	
CDPs	Coverage (theor. / real)	14-fold
	CDP-spacing	12.5 m
	No. of CDPs	7275
	Final datum	Sea level

### Geometry dimensions

	Record	X coord.	Y coord.	Lon.	Lat.
		Gauss-Krueger (Bessel, Pdm)		Decimal degree (WGS84)	
Source	1	4624464.00	6060557.00	13.92716587	54.65919046
	1377	4556263.00	6119614.00	12.88205997	55.20184095
CDP	1	4625413.00	6059867.00	13.94156698	54.65276068
	7275	4556373.00	6119534.00	12.88377143	55.20110992
Crossing with PQ2-003	CDP 588	4623874.00	6070230.00	13.92213339	54.74618197
Crossing with PQ2-004	CDP 539	4624000.00	6069363.00	13.92371971	54.73836689
Crossing with PQ2-005	CDP 529	4624018.00	6069175.00	13.92391897	54.73667456
Crossing with PQ2-009.1	CDP 6631	4562884.00	6114798.00	12.98496241	55.15779061