

## PQ2-006 (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	61.10 km / NW – SE / -36.94473 °
	Total data amount	1.83 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	815	
CDPs	Coverage (theor. / real)	14-fold
	CDP-spacing	12.5 m
	No. of CDPs	4889
	Final datum	Sea level

### Geometry dimensions

	Record	X coord.	Y coord.	Lon.	Lat.
		Gauss-Krueger (Bessel, Pdm)		Decimal degree (WGS84)	
Source	1	4694062.00	6179441.00	15.08570058	55.70362147
	815	4741221.00	6142231.00	15.80190616	55.34902027
CDP	14	4693150.00	6180179.50	15.07173535	55.71060849
	4902	4741115.00	6142317.00	15.80031283	55.34984298
Crossing with PQ2-002	CDP 4609	4738170.00	6144505.00	15.75584754	55.37088786
Crossing with PQ2-005	CDP 388	4695912.00	6176161.00	15.11274284	55.67346201