

PQ2-009.3 (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	33.525 km / SW – NE / 65.88602 °
	Total data amount	0.98 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	436
	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	2325	4462243.00	6011416.00	11.41943759	54.23166899
	2760	4475487.00	6041078.00	11.62007956	54.49894620
CDP	14	4461765.50	6010344.00	11.41225227	54.22200321
	2696	4475431.50	6040954.00	11.61923329	54.49782957