

## PQ2-003 (DEKORP/BASIN 1996) (Near-vertical reflection profiling)

<b>General information</b>	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	68.1375 km / SE – NW / -35.54593 °
	Total data amount	1.44 GB
<b>Recording</b>	Recording system	SYNTRAK 480 MSRS
	Sample interval	4 ms
	No. of channels	60
	Field filter	LC 3 Hz, Antialias, no NTCH
	Noise reduction	Off
	Recording format	SEG-D (demultiplexed)
	Recording time	26.6 s
<b>Receivers</b>	Streamer type	SYNTRON RDS 50 (120 channels, 3000 m)
	Hydrophones per group	16 × 2, linear
	Group length / spacing	25 m / 25 m
	Spread length	1500 m
	Streamer depth	8 m
<b>Sources</b>	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 [-1548.5 – -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	895	
<b>CDPs</b>	Coverage (theor. / real)	10-fold
	CDP-spacing	12.5 m
	No. of CDPs	5452
	Final datum	Sea level

### Geometry dimensions

	Record	X coord.	Y coord.	Lon.	Lat.
		Gauss-Krueger (Bessel, Pdm)		Decimal degree (WGS84)	
<b>Source</b>	1	4669546.00	6037681.00	14.61190878	54.44077500
	895	4614715.00	6076920.00	13.78261880	54.80842136
<b>CDP</b>	3000	4670252.50	6037168.00	14.62249216	54.43593536
	8451	4614825.00	6076840.00	13.78429707	54.80767792
<b>Crossing with PQ2-002</b>	CDP 3478	4665373.00	6040620.00	14.54929513	54.46852489
<b>Crossing with PQ2-004</b>	CDP 7507	4624364.00	6069885.00	13.92959072	54.74296367
<b>Crossing with PQ2-005</b>	CDP 7498	4624456.00	6069819.00	13.93099022	54.74234838
<b>Crossing with PQ2-008</b>	CDP 7555	4623876.00	6070236.00	13.92216698	54.74623535