

## DEKORP 1996-02 (BASIN) (Near-vertical reflection profiling)

<b>General information</b>	Recorded by	December 1996 Schlumberger Geco-Prakla, Hanover
	for	Helmholtz Centre Potsdam German Research Centre for Geosciences – GFZ, Potsdam
	Area	Mecklenburg-Vorpommern, Brandenburg
	Profile length / direction / azimuth	80.76 km / SE – NW / -23.11840 °
	Total data amount	3.50 GB
<b>Recording</b>	Recording system	I/O System two
	Sample interval	4 ms
	No. of channels	360
	Field filter	Lo 3 Hz / 18 dB Hi 178 Hz / 72 dB
	Noise reduction	Off
	Correlation	after vertical stacking
	Recording format	SEG-D (demultiplexed)
	Sweep + listening time / recording time	25 + 16 = 41 s (uncorrelated) / 16 s (correlated)
<b>Receivers</b>	Geophone type	GS 30CT (10 Hz)
	Geophones per group	12
	Receiver array	In-line array
	Group spacing	60 m
	Spread length	21.6 km
	No. of geophone points	1442
<b>Sources</b>	Source type	Vibroseis (p-waves)
	No. of vibrators	6*VVEA (each 19.4 tons, 125 kN peak-force)
	Sweep length / range	25 s / 10 – 50 Hz (linear), 300 ms taper
	Pattern length	72 m
	Vertical stacking rate	8 – 10-fold
	Recording configuration	Symmetrical split-spread, no gap (10800 – VP – 10800 m)
	Source point spacing	180 m
	No. of source points	481
<b>CDPs</b>	Coverage (theor. / real)	60-fold
	CDP-spacing	30 m
	No. of CDPs	2672
	Final datum	Sea level

### Geometry dimensions

	Record	Location	X coord.	Y coord.	Lon.	Lat.
			Gauss-Krueger (Bessel, Pdm)		Decimal degree (WGS84)	
<b>Source</b>	1	152	4470205.32	5897256.06	11.55253964	53.20652787
	481	1572	4541503.75	5865815.32	12.61556803	52.92324952
<b>Receiver</b>	1	150	4470095.36	5897303.21	11.55088956	53.20694535
	1442	1591	4542443.94	5865222.05	12.62946903	52.91784543
<b>CDP</b>	1	1582	4541947.00	5865498.00	12.62211720	52.92036391
	2672	151	4470160.00	5897291.00	11.55185811	53.20683927
<b>Crossing with DEK'96-01</b>	CDP 1323	881	4506477.00	5880744.00	12.09506848	53.05895570