

DSS Rift

Baikal Lake Seismic Refraction-Reflection Profile Using Peaceful Nuclear Explosions (PNEs)

Igor B. Morozov, Elena A. Morozova, and Scott B. Smithson
Dept. of Geology & Geophysics, Univ. of Wyoming

Leonid N. Solodilov
Centre for Regional Geophysical & Geoecological Research (GEON), Moscow, Russia

Assembled Data Set 03-011



Distributed by:
Incorporated Research Institutions for Seismology
Data Management Center
1408 NE 45th Street, Suite 201
Seattle, Washington 98105 USA
www.iris.washington.edu

Profile RIFT

Igor B. Morozov¹, Elena A. Morozova, and Scott B. Smithson

Department of Geology and Geophysics, University of Wyoming, Laramie WY, 82071-3006, morozov@uwyo.edu

¹Also at: Department of Geological Sciences, University of Saskatchewan, 114 Science Place, Saskatoon, SK S7N5E2 Canada, igor.morozov@usask.ca

Leonid N. Solodilov

Centre for Regional Geophysical and Geoecological Research (GEON), Moscow, Russia

Digitization, editing, and delivery of this data sets to IRIS is sponsored by grants from the Defense Threat Reduction Agency (DTRA01-01-C-0081; 75% of funding) and NSF (EAR-0092744; 25%).

Data summary

Location: Yamal-Peninsula — town Kyahta (Lake Baikal; Figure 1)

Acquired by Center GEON, 1982-1983

Profile length: approximately 2980 km

3 PNEs and 36 chemical explosions of 3000-5000 kg

Recording systems: Portable 3-component analogue systems TAIGA and
CHEREPAKHA, 1-Hz sensors

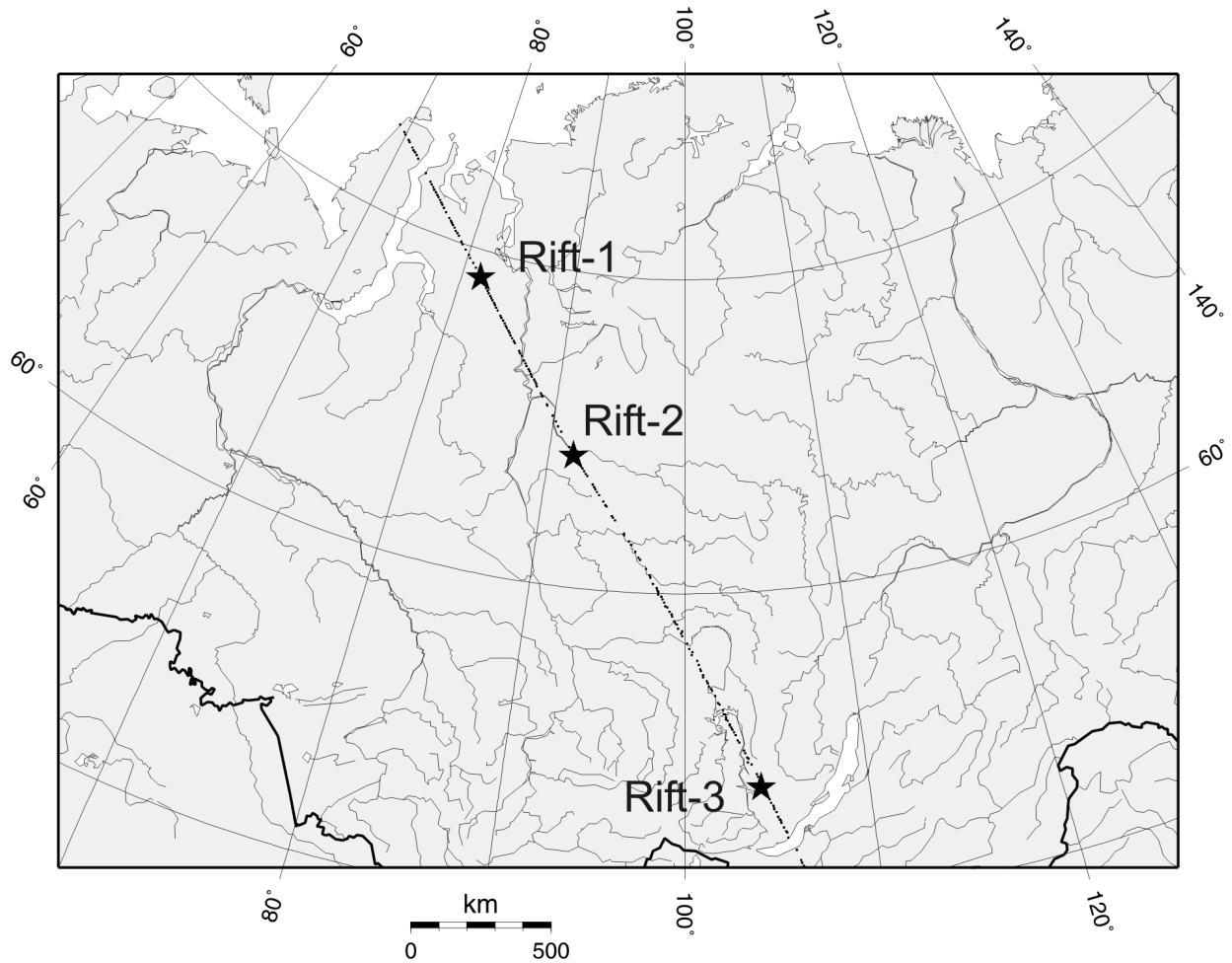


Figure 1 Location map of profile RIFT. Stars indicate the PNEs, small triangles are 3-component recording sites.

Data format

Data format is identical to that of QUARTZ records delivered earlier. The data are provided in standard SEG-Y format using IBM floating point representation of data values. Geographic coordinates of shots and receivers (in degrees), and offsets (in meters) are loaded in data headers. Recording station numbers (numbering starting from the West, Figure 1) are loaded in SEG-Y headers as CHANNEL, and the FFIDs correspond to shot numbers. Each data file contains a single component of recordings from one shot. File names follow the following convention:

```
rift-<shot_number>-<component_index>.seg-y
```

where shot_number is the number of the shot. Shot numbers are 1,2,3 for the PNEs (RIFT-1, 2, and 3, respectively; Figure 1). For chemical shots, shot numbers correspond to the number of

the nearest receiver. The `component_index` is 'v' for the vertical (upward), 'r' for radial (directed away from the shot), and 't' for the transverse (directed to the right when looking away from the shot point).

Selected recent publications using Rift records

The following list is incomplete and gives only the most recent publications.

Cipar J. J, K. F. Priestley, A. V. Egorkin, and N. I. Pavlenkova, The Yamal Peninsula-Lake Baikal deep seismic sounding profile. *Geophysical Research Letters*. 20; 15, Pages 1631-1634. 1993.

Cipar, J. and K. Priestley, Central Siberia upper mantle cross-section from deep seismic sounding explosions, In: *Upper mantle heterogeneities from active and passive seismology*, Fuchs-Karl (editor), NATO Science Series. Partnership Sub-series 1, Disarmament Technologies. 17; Kluwer Academic Publishers. Dordrecht, Netherlands. 1997. pp 75-87, 1997.

Pavlenkova, G. A., K. Priestley, and J. Cipar, 2D model of the crust and uppermost mantle along Rift profile, Siberian Craton, *Tectonophysics*. 355, 171-186. 2002.

-rw-rw-r--	1	morozov	morozov	0	Oct	27	17:55	file_list
-rw-rw-r--	1	morozov	morozov	242257	Oct	27	17:52	Rift.pdf

chemical:
total 38944

drwxrwxr-x	2	morozov	morozov	4096	Oct	23	22:10	plots
-rw-rw-r--	1	morozov	morozov	542336	Oct	23	22:45	rift-102-r.segy
-rw-rw-r--	1	morozov	morozov	530092	Oct	23	22:45	rift-102-t.segy
-rw-rw-r--	1	morozov	morozov	542336	Oct	23	22:45	rift-102-v.segy
-rw-rw-r--	1	morozov	morozov	309700	Oct	23	22:45	rift-111-r.segy
-rw-rw-r--	1	morozov	morozov	309700	Oct	23	22:45	rift-111-t.segy
-rw-rw-r--	1	morozov	morozov	297456	Oct	23	22:45	rift-111-v.segy
-rw-rw-r--	1	morozov	morozov	321944	Oct	23	22:45	rift-119-r.segy
-rw-rw-r--	1	morozov	morozov	285212	Oct	23	22:45	rift-119-t.segy
-rw-rw-r--	1	morozov	morozov	334188	Oct	23	22:45	rift-119-v.segy
-rw-rw-r--	1	morozov	morozov	334188	Oct	23	22:45	rift-125-r.segy
-rw-rw-r--	1	morozov	morozov	334188	Oct	23	22:45	rift-125-t.segy
-rw-rw-r--	1	morozov	morozov	334188	Oct	23	22:45	rift-125-v.segy
-rw-rw-r--	1	morozov	morozov	370920	Oct	23	22:45	rift-134-r.segy
-rw-rw-r--	1	morozov	morozov	370920	Oct	23	22:45	rift-134-t.segy
-rw-rw-r--	1	morozov	morozov	370920	Oct	23	22:45	rift-134-v.segy
-rw-rw-r--	1	morozov	morozov	138284	Oct	23	22:45	rift-141-r.segy
-rw-rw-r--	1	morozov	morozov	138284	Oct	23	22:45	rift-141-t.segy
-rw-rw-r--	1	morozov	morozov	138284	Oct	23	22:45	rift-141-v.segy
-rw-rw-r--	1	morozov	morozov	162772	Oct	23	22:45	rift-148-r.segy
-rw-rw-r--	1	morozov	morozov	162772	Oct	23	22:45	rift-148-t.segy
-rw-rw-r--	1	morozov	morozov	162772	Oct	23	22:45	rift-148-v.segy
-rw-rw-r--	1	morozov	morozov	236236	Oct	23	22:45	rift-155-r.segy
-rw-rw-r--	1	morozov	morozov	223992	Oct	23	22:45	rift-155-t.segy
-rw-rw-r--	1	morozov	morozov	236236	Oct	23	22:45	rift-155-v.segy
-rw-rw-r--	1	morozov	morozov	175016	Oct	23	22:45	rift-161-r.segy
-rw-rw-r--	1	morozov	morozov	138284	Oct	23	22:45	rift-161-t.segy
-rw-rw-r--	1	morozov	morozov	162772	Oct	23	22:45	rift-161-v.segy
-rw-rw-r--	1	morozov	morozov	285212	Oct	23	22:45	rift-168-r.segy
-rw-rw-r--	1	morozov	morozov	248480	Oct	23	22:45	rift-168-t.segy
-rw-rw-r--	1	morozov	morozov	285212	Oct	23	22:45	rift-168-v.segy
-rw-rw-r--	1	morozov	morozov	15844	Oct	23	22:45	rift-173-r.segy
-rw-rw-r--	1	morozov	morozov	15844	Oct	23	22:45	rift-173-t.segy
-rw-rw-r--	1	morozov	morozov	15844	Oct	23	22:45	rift-173-v.segy
-rw-rw-r--	1	morozov	morozov	554580	Oct	23	22:45	rift-185-r.segy
-rw-rw-r--	1	morozov	morozov	591312	Oct	23	22:45	rift-185-t.segy
-rw-rw-r--	1	morozov	morozov	579068	Oct	23	22:45	rift-185-v.segy
-rw-rw-r--	1	morozov	morozov	468872	Oct	23	22:45	rift-192-r.segy
-rw-rw-r--	1	morozov	morozov	493360	Oct	23	22:45	rift-192-t.segy
-rw-rw-r--	1	morozov	morozov	493360	Oct	23	22:45	rift-192-v.segy
-rw-rw-r--	1	morozov	morozov	285212	Oct	23	22:45	rift-198-r.segy

-rw-rw-r--	1	morozov	morozov	260724	Oct	23	22:45	rift-198-t.segy
-rw-rw-r--	1	morozov	morozov	285212	Oct	23	22:45	rift-198-v.segy
-rw-rw-r--	1	morozov	morozov	236236	Oct	23	22:45	rift-206-r.segy
-rw-rw-r--	1	morozov	morozov	211748	Oct	23	22:45	rift-206-t.segy
-rw-rw-r--	1	morozov	morozov	248480	Oct	23	22:45	rift-206-v.segy
-rw-rw-r--	1	morozov	morozov	370920	Oct	23	22:45	rift-213-r.segy
-rw-rw-r--	1	morozov	morozov	358676	Oct	23	22:45	rift-213-t.segy
-rw-rw-r--	1	morozov	morozov	407652	Oct	23	22:45	rift-213-v.segy
-rw-rw-r--	1	morozov	morozov	358676	Oct	23	22:45	rift-21-r.segy
-rw-rw-r--	1	morozov	morozov	358676	Oct	23	22:45	rift-21-t.segy
-rw-rw-r--	1	morozov	morozov	370920	Oct	23	22:45	rift-21-v.segy
-rw-rw-r--	1	morozov	morozov	689264	Oct	23	22:45	rift-220-r.segy
-rw-rw-r--	1	morozov	morozov	689264	Oct	23	22:45	rift-220-t.segy
-rw-rw-r--	1	morozov	morozov	689264	Oct	23	22:45	rift-220-v.segy
-rw-rw-r--	1	morozov	morozov	223992	Oct	23	22:45	rift-225-r.segy
-rw-rw-r--	1	morozov	morozov	223992	Oct	23	22:45	rift-225-t.segy
-rw-rw-r--	1	morozov	morozov	223992	Oct	23	22:45	rift-225-v.segy
-rw-rw-r--	1	morozov	morozov	615800	Oct	23	22:46	rift-229-r.segy
-rw-rw-r--	1	morozov	morozov	615800	Oct	23	22:46	rift-229-t.segy
-rw-rw-r--	1	morozov	morozov	615800	Oct	23	22:46	rift-229-v.segy
-rw-rw-r--	1	morozov	morozov	517848	Oct	23	22:46	rift-234-r.segy
-rw-rw-r--	1	morozov	morozov	530092	Oct	23	22:46	rift-234-t.segy
-rw-rw-r--	1	morozov	morozov	530092	Oct	23	22:46	rift-234-v.segy
-rw-rw-r--	1	morozov	morozov	248480	Oct	23	22:46	rift-253-r.segy
-rw-rw-r--	1	morozov	morozov	248480	Oct	23	22:46	rift-253-t.segy
-rw-rw-r--	1	morozov	morozov	248480	Oct	23	22:46	rift-253-v.segy
-rw-rw-r--	1	morozov	morozov	211748	Oct	23	22:46	rift-258-r.segy
-rw-rw-r--	1	morozov	morozov	211748	Oct	23	22:46	rift-258-t.segy
-rw-rw-r--	1	morozov	morozov	211748	Oct	23	22:46	rift-258-v.segy
-rw-rw-r--	1	morozov	morozov	150528	Oct	23	22:46	rift-266-r.segy
-rw-rw-r--	1	morozov	morozov	150528	Oct	23	22:46	rift-266-t.segy
-rw-rw-r--	1	morozov	morozov	150528	Oct	23	22:46	rift-266-v.segy
-rw-rw-r--	1	morozov	morozov	113796	Oct	23	22:46	rift-270-r.segy
-rw-rw-r--	1	morozov	morozov	113796	Oct	23	22:46	rift-270-t.segy
-rw-rw-r--	1	morozov	morozov	113796	Oct	23	22:46	rift-270-v.segy
-rw-rw-r--	1	morozov	morozov	211748	Oct	23	22:46	rift-277-r.segy
-rw-rw-r--	1	morozov	morozov	211748	Oct	23	22:46	rift-277-t.segy
-rw-rw-r--	1	morozov	morozov	211748	Oct	23	22:46	rift-277-v.segy
-rw-rw-r--	1	morozov	morozov	640288	Oct	23	22:45	rift-36-r.segy
-rw-rw-r--	1	morozov	morozov	640288	Oct	23	22:45	rift-36-t.segy
-rw-rw-r--	1	morozov	morozov	640288	Oct	23	22:45	rift-36-v.segy
-rw-rw-r--	1	morozov	morozov	517848	Oct	23	22:45	rift-51-r.segy
-rw-rw-r--	1	morozov	morozov	530092	Oct	23	22:45	rift-51-t.segy
-rw-rw-r--	1	morozov	morozov	530092	Oct	23	22:45	rift-51-v.segy
-rw-rw-r--	1	morozov	morozov	652532	Oct	23	22:45	rift-58-r.segy
-rw-rw-r--	1	morozov	morozov	664776	Oct	23	22:45	rift-58-t.segy

-rw-rw-r--	1	morozov	morozov	664776	Oct	23	22:45	rift-58-v.segy
-rw-rw-r--	1	morozov	morozov	248480	Oct	23	22:45	rift-67-r.segy
-rw-rw-r--	1	morozov	morozov	260724	Oct	23	22:45	rift-67-t.segy
-rw-rw-r--	1	morozov	morozov	260724	Oct	23	22:45	rift-67-v.segy
-rw-rw-r--	1	morozov	morozov	358676	Oct	23	22:44	rift-6-r.segy
-rw-rw-r--	1	morozov	morozov	370920	Oct	23	22:44	rift-6-t.segy
-rw-rw-r--	1	morozov	morozov	370920	Oct	23	22:44	rift-6-v.segy
-rw-rw-r--	1	morozov	morozov	530092	Oct	23	22:45	rift-72-r.segy
-rw-rw-r--	1	morozov	morozov	530092	Oct	23	22:45	rift-72-t.segy
-rw-rw-r--	1	morozov	morozov	530092	Oct	23	22:45	rift-72-v.segy
-rw-rw-r--	1	morozov	morozov	468872	Oct	23	22:45	rift-78-r.segy
-rw-rw-r--	1	morozov	morozov	468872	Oct	23	22:45	rift-78-t.segy
-rw-rw-r--	1	morozov	morozov	468872	Oct	23	22:45	rift-78-v.segy
-rw-rw-r--	1	morozov	morozov	579068	Oct	23	22:45	rift-82-r.segy
-rw-rw-r--	1	morozov	morozov	579068	Oct	23	22:45	rift-82-t.segy
-rw-rw-r--	1	morozov	morozov	579068	Oct	23	22:45	rift-82-v.segy
-rw-rw-r--	1	morozov	morozov	358676	Oct	23	22:45	rift-92-r.segy
-rw-rw-r--	1	morozov	morozov	358676	Oct	23	22:45	rift-92-t.segy
-rw-rw-r--	1	morozov	morozov	358676	Oct	23	22:45	rift-92-v.segy
-rw-rw-r--	1	morozov	morozov	554580	Oct	23	22:45	rift-97-r.segy
-rw-rw-r--	1	morozov	morozov	542336	Oct	23	22:45	rift-97-t.segy
-rw-rw-r--	1	morozov	morozov	554580	Oct	23	22:45	rift-97-v.segy

chemical/plots:

total 411056

-rw-rw-r--	1	morozov	morozov	4236100	Oct	23	22:45	rift-102-r.ps
-rw-rw-r--	1	morozov	morozov	4235971	Oct	23	22:45	rift-102-t.ps
-rw-rw-r--	1	morozov	morozov	4236100	Oct	23	22:45	rift-102-v.ps
-rw-rw-r--	1	morozov	morozov	4117781	Oct	23	22:45	rift-111-r.ps
-rw-rw-r--	1	morozov	morozov	4117781	Oct	23	22:45	rift-111-t.ps
-rw-rw-r--	1	morozov	morozov	4117654	Oct	23	22:45	rift-111-v.ps
-rw-rw-r--	1	morozov	morozov	4056230	Oct	23	22:45	rift-119-r.ps
-rw-rw-r--	1	morozov	morozov	4062683	Oct	23	22:45	rift-119-t.ps
-rw-rw-r--	1	morozov	morozov	4056377	Oct	23	22:45	rift-119-v.ps
-rw-rw-r--	1	morozov	morozov	4090522	Oct	23	22:45	rift-125-r.ps
-rw-rw-r--	1	morozov	morozov	4090522	Oct	23	22:45	rift-125-t.ps
-rw-rw-r--	1	morozov	morozov	4090522	Oct	23	22:45	rift-125-v.ps
-rw-rw-r--	1	morozov	morozov	3748211	Oct	23	22:45	rift-134-r.ps
-rw-rw-r--	1	morozov	morozov	3748211	Oct	23	22:45	rift-134-t.ps
-rw-rw-r--	1	morozov	morozov	3748211	Oct	23	22:45	rift-134-v.ps
-rw-rw-r--	1	morozov	morozov	3938602	Oct	23	22:45	rift-141-r.ps
-rw-rw-r--	1	morozov	morozov	3938602	Oct	23	22:45	rift-141-t.ps
-rw-rw-r--	1	morozov	morozov	3938602	Oct	23	22:45	rift-141-v.ps
-rw-rw-r--	1	morozov	morozov	4143554	Oct	23	22:45	rift-148-r.ps
-rw-rw-r--	1	morozov	morozov	4143554	Oct	23	22:45	rift-148-t.ps
-rw-rw-r--	1	morozov	morozov	4143554	Oct	23	22:45	rift-148-v.ps

-rw-rw-r--	1	morozov	morozov	4192340	Oct	23	22:45	rift-155-r.ps
-rw-rw-r--	1	morozov	morozov	4192215	Oct	23	22:45	rift-155-t.ps
-rw-rw-r--	1	morozov	morozov	4192340	Oct	23	22:45	rift-155-v.ps
-rw-rw-r--	1	morozov	morozov	4157412	Oct	23	22:45	rift-161-r.ps
-rw-rw-r--	1	morozov	morozov	4170653	Oct	23	22:45	rift-161-t.ps
-rw-rw-r--	1	morozov	morozov	4157293	Oct	23	22:45	rift-161-v.ps
-rw-rw-r--	1	morozov	morozov	3994742	Oct	23	22:45	rift-168-r.ps
-rw-rw-r--	1	morozov	morozov	3987653	Oct	23	22:45	rift-168-t.ps
-rw-rw-r--	1	morozov	morozov	3994742	Oct	23	22:45	rift-168-v.ps
-rw-rw-r--	1	morozov	morozov	2194524	Oct	23	22:45	rift-173-r.ps
-rw-rw-r--	1	morozov	morozov	2194524	Oct	23	22:45	rift-173-t.ps
-rw-rw-r--	1	morozov	morozov	2194524	Oct	23	22:45	rift-173-v.ps
-rw-rw-r--	1	morozov	morozov	4243425	Oct	23	22:45	rift-185-r.ps
-rw-rw-r--	1	morozov	morozov	4243659	Oct	23	22:45	rift-185-t.ps
-rw-rw-r--	1	morozov	morozov	4243534	Oct	23	22:45	rift-185-v.ps
-rw-rw-r--	1	morozov	morozov	4180657	Oct	23	22:45	rift-192-r.ps
-rw-rw-r--	1	morozov	morozov	4180803	Oct	23	22:45	rift-192-t.ps
-rw-rw-r--	1	morozov	morozov	4180803	Oct	23	22:45	rift-192-v.ps
-rw-rw-r--	1	morozov	morozov	4015129	Oct	23	22:45	rift-198-r.ps
-rw-rw-r--	1	morozov	morozov	4021572	Oct	23	22:45	rift-198-t.ps
-rw-rw-r--	1	morozov	morozov	4015129	Oct	23	22:45	rift-198-v.ps
-rw-rw-r--	1	morozov	morozov	4117206	Oct	23	22:45	rift-206-r.ps
-rw-rw-r--	1	morozov	morozov	4123773	Oct	23	22:45	rift-206-t.ps
-rw-rw-r--	1	morozov	morozov	4117188	Oct	23	22:45	rift-206-v.ps
-rw-rw-r--	1	morozov	morozov	4248085	Oct	23	22:45	rift-213-r.ps
-rw-rw-r--	1	morozov	morozov	4247973	Oct	23	22:45	rift-213-t.ps
-rw-rw-r--	1	morozov	morozov	4248483	Oct	23	22:45	rift-213-v.ps
-rw-rw-r--	1	morozov	morozov	4097224	Oct	23	22:45	rift-21-r.ps
-rw-rw-r--	1	morozov	morozov	4097224	Oct	23	22:45	rift-21-t.ps
-rw-rw-r--	1	morozov	morozov	4097344	Oct	23	22:45	rift-21-v.ps
-rw-rw-r--	1	morozov	morozov	4084058	Oct	23	22:45	rift-220-r.ps
-rw-rw-r--	1	morozov	morozov	4084058	Oct	23	22:45	rift-220-t.ps
-rw-rw-r--	1	morozov	morozov	4084058	Oct	23	22:45	rift-220-v.ps
-rw-rw-r--	1	morozov	morozov	4014578	Oct	23	22:45	rift-225-r.ps
-rw-rw-r--	1	morozov	morozov	4014578	Oct	23	22:45	rift-225-t.ps
-rw-rw-r--	1	morozov	morozov	4014578	Oct	23	22:45	rift-225-v.ps
-rw-rw-r--	1	morozov	morozov	4076971	Oct	23	22:46	rift-229-r.ps
-rw-rw-r--	1	morozov	morozov	4076971	Oct	23	22:46	rift-229-t.ps
-rw-rw-r--	1	morozov	morozov	4076971	Oct	23	22:46	rift-229-v.ps
-rw-rw-r--	1	morozov	morozov	10492	Oct	23	22:46	rift-234-r.ps
-rw-rw-r--	1	morozov	morozov	10492	Oct	23	22:46	rift-234-t.ps
-rw-rw-r--	1	morozov	morozov	10492	Oct	23	22:46	rift-234-v.ps
-rw-rw-r--	1	morozov	morozov	3898912	Oct	23	22:46	rift-253-r.ps
-rw-rw-r--	1	morozov	morozov	3898912	Oct	23	22:46	rift-253-t.ps
-rw-rw-r--	1	morozov	morozov	3898912	Oct	23	22:46	rift-253-v.ps
-rw-rw-r--	1	morozov	morozov	3816892	Oct	23	22:46	rift-258-r.ps

-rw-rw-r--	1	morozov	morozov	3816892	Oct	23	22:46	rift-258-t.ps
-rw-rw-r--	1	morozov	morozov	3816892	Oct	23	22:46	rift-258-v.ps
-rw-rw-r--	1	morozov	morozov	3447097	Oct	23	22:46	rift-266-r.ps
-rw-rw-r--	1	morozov	morozov	3447097	Oct	23	22:46	rift-266-t.ps
-rw-rw-r--	1	morozov	morozov	3447097	Oct	23	22:46	rift-266-v.ps
-rw-rw-r--	1	morozov	morozov	3065843	Oct	23	22:46	rift-270-r.ps
-rw-rw-r--	1	morozov	morozov	3065843	Oct	23	22:46	rift-270-t.ps
-rw-rw-r--	1	morozov	morozov	3065843	Oct	23	22:46	rift-270-v.ps
-rw-rw-r--	1	morozov	morozov	3889819	Oct	23	22:46	rift-277-r.ps
-rw-rw-r--	1	morozov	morozov	3889819	Oct	23	22:46	rift-277-t.ps
-rw-rw-r--	1	morozov	morozov	3889819	Oct	23	22:46	rift-277-v.ps
-rw-rw-r--	1	morozov	morozov	4234409	Oct	23	22:45	rift-36-r.ps
-rw-rw-r--	1	morozov	morozov	4234409	Oct	23	22:45	rift-36-t.ps
-rw-rw-r--	1	morozov	morozov	4234409	Oct	23	22:45	rift-36-v.ps
-rw-rw-r--	1	morozov	morozov	4256388	Oct	23	22:45	rift-51-r.ps
-rw-rw-r--	1	morozov	morozov	4256389	Oct	23	22:45	rift-51-t.ps
-rw-rw-r--	1	morozov	morozov	4256389	Oct	23	22:45	rift-51-v.ps
-rw-rw-r--	1	morozov	morozov	4353684	Oct	23	22:45	rift-58-r.ps
-rw-rw-r--	1	morozov	morozov	4353806	Oct	23	22:45	rift-58-t.ps
-rw-rw-r--	1	morozov	morozov	4353806	Oct	23	22:45	rift-58-v.ps
-rw-rw-r--	1	morozov	morozov	4048786	Oct	23	22:45	rift-67-r.ps
-rw-rw-r--	1	morozov	morozov	4048767	Oct	23	22:45	rift-67-t.ps
-rw-rw-r--	1	morozov	morozov	4048767	Oct	23	22:45	rift-67-v.ps
-rw-rw-r--	1	morozov	morozov	4097397	Oct	23	22:45	rift-6-r.ps
-rw-rw-r--	1	morozov	morozov	4097530	Oct	23	22:45	rift-6-t.ps
-rw-rw-r--	1	morozov	morozov	4097530	Oct	23	22:45	rift-6-v.ps
-rw-rw-r--	1	morozov	morozov	4174594	Oct	23	22:45	rift-72-r.ps
-rw-rw-r--	1	morozov	morozov	4181398	Oct	23	22:45	rift-72-t.ps
-rw-rw-r--	1	morozov	morozov	4174594	Oct	23	22:45	rift-72-v.ps
-rw-rw-r--	1	morozov	morozov	4249171	Oct	23	22:45	rift-78-r.ps
-rw-rw-r--	1	morozov	morozov	4249171	Oct	23	22:45	rift-78-t.ps
-rw-rw-r--	1	morozov	morozov	4249171	Oct	23	22:45	rift-78-v.ps
-rw-rw-r--	1	morozov	morozov	4229206	Oct	23	22:45	rift-82-r.ps
-rw-rw-r--	1	morozov	morozov	4229206	Oct	23	22:45	rift-82-t.ps
-rw-rw-r--	1	morozov	morozov	4236055	Oct	23	22:45	rift-82-v.ps
-rw-rw-r--	1	morozov	morozov	4097481	Oct	23	22:45	rift-92-r.ps
-rw-rw-r--	1	morozov	morozov	4097481	Oct	23	22:45	rift-92-t.ps
-rw-rw-r--	1	morozov	morozov	4097481	Oct	23	22:45	rift-92-v.ps
-rw-rw-r--	1	morozov	morozov	4215765	Oct	23	22:45	rift-97-r.ps
-rw-rw-r--	1	morozov	morozov	4215641	Oct	23	22:45	rift-97-t.ps
-rw-rw-r--	1	morozov	morozov	4215765	Oct	23	22:45	rift-97-v.ps

pnes:

total 151856

drwxrwxr-x	2	morozov	morozov	4096	Oct	23	21:51	plots
-rw-rw-r--	1	morozov	morozov	20324836	Oct	23	22:44	rift-1-r.segy

-rw-rw-r--	1	morozov	morozov	20204592	Oct	23	22:44	rift-1-t.segy
-rw-rw-r--	1	morozov	morozov	20445080	Oct	23	22:44	rift-1-v.segy
-rw-rw-r--	1	morozov	morozov	13110196	Oct	23	22:44	rift-2-r.segy
-rw-rw-r--	1	morozov	morozov	12989952	Oct	23	22:44	rift-2-t.segy
-rw-rw-r--	1	morozov	morozov	13110196	Oct	23	22:44	rift-2-v.segy
-rw-rw-r--	1	morozov	morozov	18400932	Oct	23	22:44	rift-3-r.segy
-rw-rw-r--	1	morozov	morozov	18280688	Oct	23	22:44	rift-3-t.segy
-rw-rw-r--	1	morozov	morozov	18400932	Oct	23	22:44	rift-3-v.segy

pnes/plots:

total 35264

-rw-rw-r--	1	morozov	morozov	3998175	Oct	23	22:44	rift-1-r.ps
-rw-rw-r--	1	morozov	morozov	3990891	Oct	23	22:44	rift-1-t.ps
-rw-rw-r--	1	morozov	morozov	3998137	Oct	23	22:44	rift-1-v.ps
-rw-rw-r--	1	morozov	morozov	3918385	Oct	23	22:44	rift-2-r.ps
-rw-rw-r--	1	morozov	morozov	3911259	Oct	23	22:44	rift-2-t.ps
-rw-rw-r--	1	morozov	morozov	3918385	Oct	23	22:44	rift-2-v.ps
-rw-rw-r--	1	morozov	morozov	4105423	Oct	23	22:44	rift-3-r.ps
-rw-rw-r--	1	morozov	morozov	4105429	Oct	23	22:44	rift-3-t.ps
-rw-rw-r--	1	morozov	morozov	4105423	Oct	23	22:44	rift-3-v.ps