

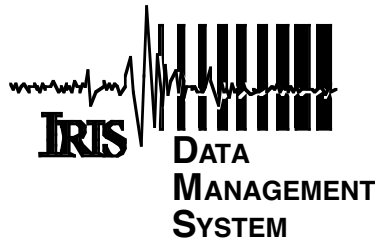
KRISP94

Kenya Rift International Seismic Project 1994

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Assembled Data Set 04-021



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KRISP 94 Active Experiment Data Distribution READ ME

The data on this tape is the "formal" data distribution for the KRISP 94 active experiments. If you have any difficulty reading this tape or if you have any questions or comments, please send E-mail to:

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Each of the accompanying SEGY data files contain one shot gather from one deployment, F or G. In order to provide the entire data set without unnecessarily burdening each user, the data were separating into two time windows: the first 96 sec, and the final 204 sec. In this way, the entire 300 seconds of data are available but everyone does not have to work with the extra long record lengths if they do not choose to. In addition, the entire 300 seconds would require 37,500 samples at 125 samples/sec. This number is larger than the 2-byte word SEGY provides for the number of samples. This problem can be easily overcome with special SEGY application software but that ability may not be available everywhere.

The SEGY reel headers on each of the data files provide the details on the SEGY header structure used with these data. Also provided is information regarding what has been done to the trace amplitudes. An ASCII copy of each of the headers is provided in the "headers" directory.

At UTEP, we use a home-grown application program that reads a SEGY file and prints out a single line of information about each trace. This information may be helpful to other users prior to reading the entire SEGY data file. The "listings" directory contains the output from this program for each of the data files on the tape.

An additional 24 or so traces were discovered for deployment F that did not appear on the record sections that were reviewed in Karlsruhe this summer. These data are included here.

A first pass at editing the data was done at UTEP by Don Roberts and then tweaked by Olaf Novak. The editing was done by looking at the first 20 seconds or so of the vertical records. Extremely noisy records were "zeroed" in each of the vertical gathers provided on this distribution. A list of the killed traces is provided in the "editing" directory. A cursory look at the horizontal sections suggested that the same "kills" list would not be satisfactory for all data channels so no trace editing was done on the horizontal gathers.

During the editing process at UTEP and during the meeting in Karlsruhe this summer, a number of traces were discovered with good signals but gross timing errors. These traces were visually moved to the appropriate time location. A list of the traces that were moved in this way and the amount of shift is provided in the "editing" directory.