

Exmouth Profile SEG-Y data description

Please refer to the *EW0113_Cruise_Info and OBSIP_Exmouth_Cruise_Report, EW0106*, for important details on this experiment and dataset, including a report describing the underway geophysical data and metadata.

In addition to the raw archival form of the Exmouth seismic data set, we have compiled a dataset consisting of shot-location sorted profiles. This SEG-Y data represents a complete set of the profile data from the Exmouth experiment. A set of 20 instruments recorded data from two separate deployments (40 total).

Each instrument has been subdivided into single profile shot-file for each of the individual data channels.

An example data file looks as follows:

```
bandicoot.d2.segy.ch1  
-or-  
[InstName.d#.segy.ch#]
```

The naming convention indicates

InstName	[bandicoot in example]
deployment number (1 -or- 2)	[d2]
segy	SEG-Y format
channel number	ch1 (hydrophone) or ch2 (vertical seismometer)

(see Exmouth Cruise Report for details on location).

All data has been corrected for linear drift based on the start time of each shot. For both profiles, the data are sorted by shot location. Shot and receiver latitudes and longitudes are stored in the standard locations as seconds of arc.