

Exmouth PASSCAL 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.

The PASSCAL-SEG-Y data represents a complete set of the raw data from the Exmouth experiment. A set of 20 instruments recorded data from two separate deployments (40 total).

Each instrument has been subdivided into one-day segments for each of the individual data channels.

An example data file looks as follows:

BANDICOOT.sn13.2001.306.ch1.segy
-or-
[InstName.sn##.year.Jday.ch#.segy]

The naming convention indicates

| | |
|----------------------------------|--|
| InstName | [BANDICOOT in example] |
| insturment serial number | [sn13] |
| year the data was recorded | [2001] |
| julian day the data was recorded | [306] |
| channel number | ch1 (hydrophone) or ch2 (vertical seismometer) |
| segy | PASSCAL SEG-Y format |

(see Exmouth Cruise Report for details on location).

The first and last days of recorded data are only partial length days (see cruise report for recording intervals). All data has been corrected for linear drift based on the start time of each day-file. See the file "Exmouth.PSEGY.conversion.summary.pdf" for a detailed description of data file start times and applied drift.