

FAIM PASSCAL SEG-Y data description

Please refer to the *FAIM 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 FAIM experiment. The following instruments have PASSCAL-SEG-Y data:

420	Cass	Molson
Abita	Dixie	Pauli
Asahi	Foster	Pete
Bass	Guinness	Sierra
Bud	Harp	Tecate
Carib	Mamba	Urquell

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

An example data file looks as follows:

```
FAIM.1.156.sn06.Guinness.ch1.segy  
-or-  
[ExpName.year.Jday.sn##.InstName.ch#.segy]
```

The naming convention indicates

experiment name	[FAIM in example]
year the data was recorded	[2001, or "1" in the example]
julian day the data was recorded	[156]
instrument serial number	[sn06]
instrument "name"	[Guinness]
channel number	ch1 (hydrophone) or ch2 (vertical seismometer)
segy	PASSCAL SEG-Y format

(see FAIM 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 "FAIM.PSEGY.conversion.summary.pdf" for a detailed description of data file start times and applied drift.