

Appendix A

Meta-Data Checklist - PH5 Data Sets

Seismic Source (Shot) Information:

- ID
- date and time
- location (latitude and longitude or UTM coordinates, elevation in meters, WGS84)
- type of source
- size, if applicable (in kilograms or seismic magnitude)
- depth below the surface in meters
- vibrator sweep information, if applicable
- comments, if applicable

Receiver (Station) Information:

- ID (station name)
- deployment and retrieval times for each array; an array being a logical collection of instruments each at a single location and all recording at the same sample rate.
- location (latitude and longitude or UTM coordinates, elevation in meters, WGS84)
- serial number of data logger
- data logger manufacturer and model number
- sensor manufacturer and model number (include response information if applicable)
- comments, if applicable

General Information about the experiment:

names of Principle Investigator(s) (PI) and their contact information

institutions involved in experiment (PI institutions)

experiment name (same as that given in IRIS DMC request form for an assembled ID)

experiment nickname (same as that given in IRIS DMC request form for an assembled ID)

report (doc or pdf formats) describing the purpose of the experiment, its physical layout and the sources (type, depth and size or vibroseis parameters) and receivers (sensor, data logger) used on the experiment. Tables and maps are encouraged, if helpful. The intent of the report is to provide enough documentation so an individual previously unfamiliar with the experiment could essentially recreate the experiment (from a technical perspective) and can ascertain what the data has to offer.