

IRIS PASSCAL

FROM BRUCE BEAUDOIN & KENT ANDERSON

- Analysis of noise characteristics of various temporary broadband installation techniques: “PASSCAL” vault, FA vault, and direct burial (poster SIIP-572 on Weds.).
- Iridium based telemetry, both SOH only and 20sps continuous. Initiating work on Pilot Iridium system that promises >100kbps. (poster JS05-223 today)
- Evaluation of a new all-in-one (sensor + digitizer), posthole sensor for polar and glacial applications. Concomitant design and development of station power systems. All designs freely open.
- Continued development of PH5 as a data container for data manipulation and archiving. Especially for controlled source and multiphase datasets (<http://jasper.passcal.nmt.edu/wiki/>)
- Involvement with several dense array deployments utilizing Fairfield Zland nodes owned and operated by NodalSeismic.

SWEETWATER EXPERIMENT

- Data handling and archiving w/ PH5
- XB.2014-2014 - Open
 - ~400 backbone nodes (distributed throughout the 75 mi² grid).
 - 25 outlier nodes.
 - 25 broadband stations
- IB.2014-2014 - Restricted
 - Access to this restricted data can be granted through Dan Hollis of NodalSeismic Inc (dan.hollis@nodalseismic.com)
 - The 12 mi² of dense array (reflection spread), 67 m spacing inline (roughly N-S) and 200 m spacing cross-line. This is a subset (the center patch) of about 75 mi² of data that was collected.

