

T240 Calibration Rodeo

IRIS Instrumentation
Services

Spring 2016


IRIS



Calibration Rodeo

Repurpose surplus T240s from the L48 TA effort as reference sensors at each of the OBSIP IICs and use these to begin the practice of regularly calibrating seismometers used in the field.

Benefits:

- Standardize and share best practices related to instrument calibration across IS groups
- Improved data quality by using instruments calibrated to reference sensors
- Identify problem sensors sooner
- Promote cross-programmatic interchange



Calibration Rodeo: Next Steps

- PIC performs testing of surplus T240s to identify properly working units to be distributed to the IICs
 - PIC does full pier calibrations of the 4 T240s
- Sensors shipped to LDEO (2), SIO (1), and WHOI (1)
- LDEO, SIO, and WHOI will install the sensors
- GSN teams will travel to IICs (ASL to LDEO and WHOI, IDA to SIO) to assist with an in-place SensorLoc test of the units
- The results of the PIC vs SensorLoc tests will be discussed at a future IS engineering exchange (both procedures & results)

- Aim for completion by Summer 2016