



Facility Overview

IRIS PASSCAL Instrument Center

Technical Interchange Meeting
Palm Springs, CA
April 12 & 13, 2016



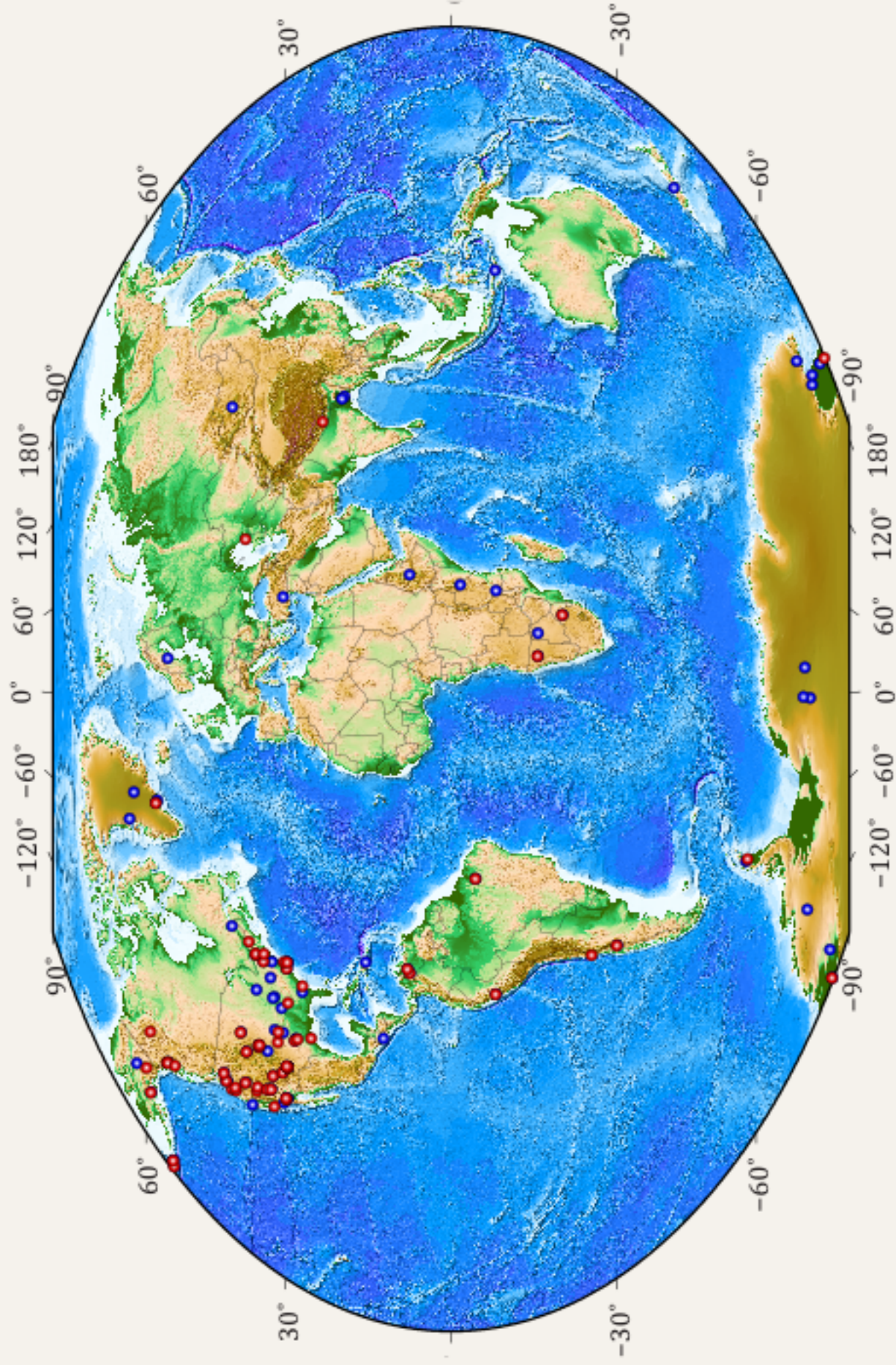
Projects Supported

- PASSCAL - portable seismology
- Polar - portable seismology in extreme environments
- GLISN - Greenland Ice Sheet Monitoring Network
- EarthScope - Transportable Array Alaska
- CEUSN - Central & Eastern US Network
- GEOICE - next generation instrumentation, polar focus

Services and Support

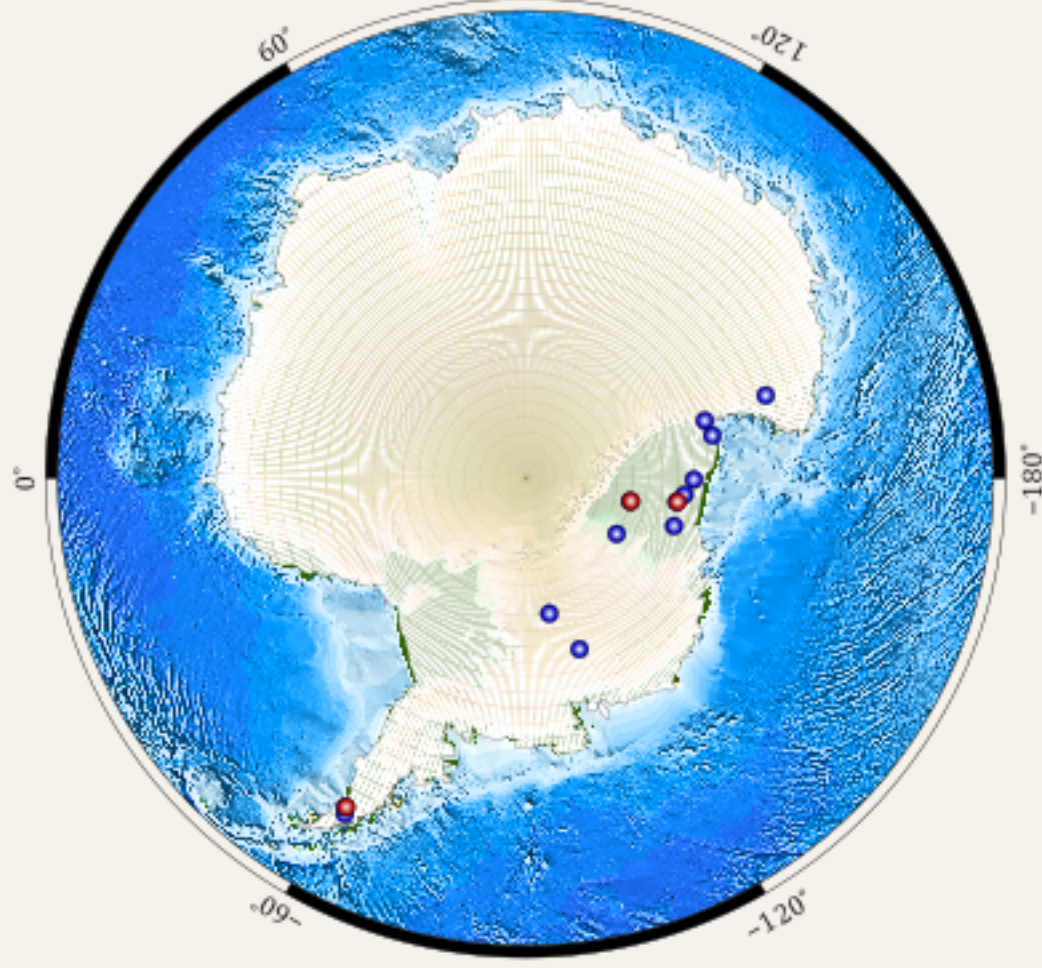
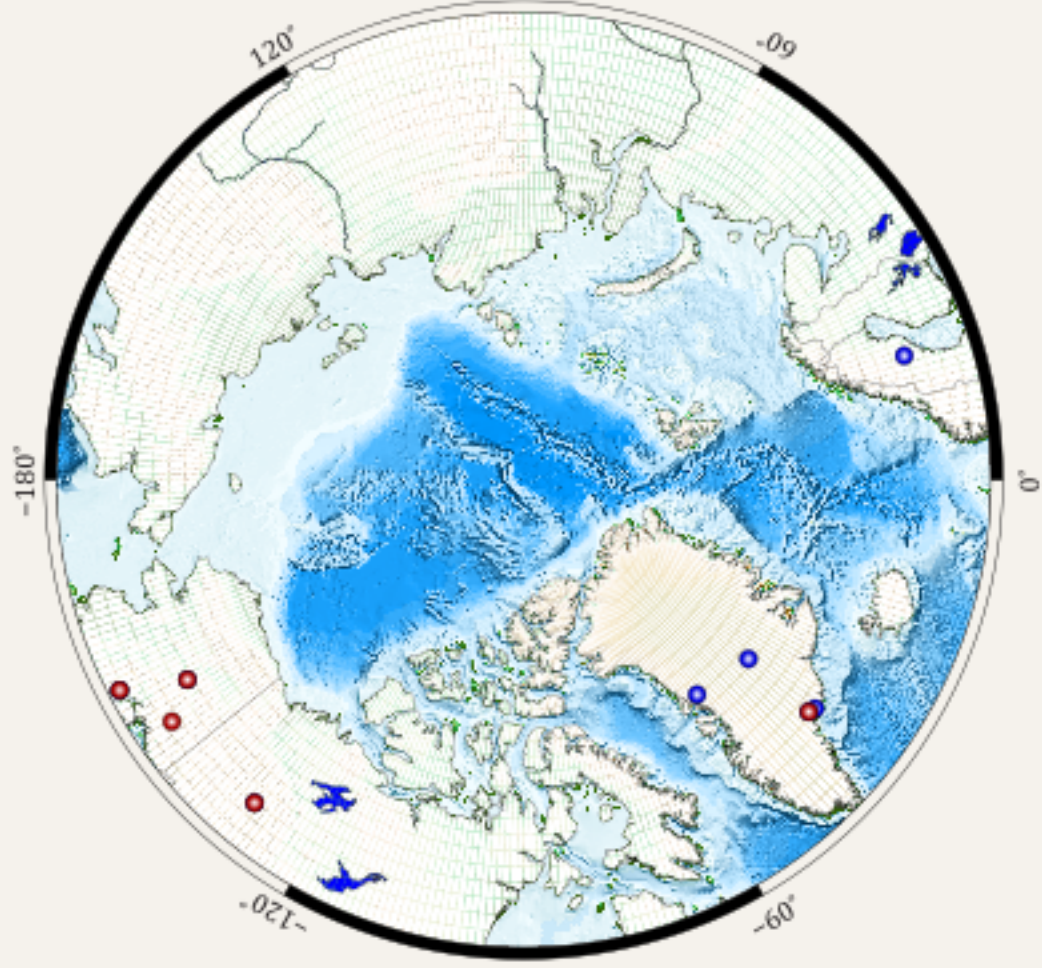
- Data Archiving Support
- Engineered Solutions for Standalone Stations and Extreme Environments
- Field Support
- Hardware Maintenance and Repair
- Inventory Control and Tracking
- Logistics and Planning
- Sensor QA, Maintenance, and Repair
- Software - Inward and Outward Facing
- Training on Field Procedures, Instrument Operations, and Data Handling
- Troubleshooting





53 experiment starts (red) and 50 carryover (blue) in 2015

Polar Support



New (red) and Carryover (blue) Polar Experiments

Poster Plug: GEOICE

- Funding ends Sept. 30, 2016
 - ~doubles Polar pool
 - at this time no additional funding for O&M
- At South Pole, Antarctica
 - 1 Meridian 120PH
 - 1 Meridian Compact
 - 1 Trillium PHQ
- At Castle Rock, Antarctica
 - 1 Meridian 120PH
 - 1 Meridian Compact
 - 1 Trillium PHQ
- Taku Glacier, AK
 - Battery chemistry testing
 - 1st service run completed, results TBD
 - 2 Meridian 120PH's
 - 5 Meridian compacts

