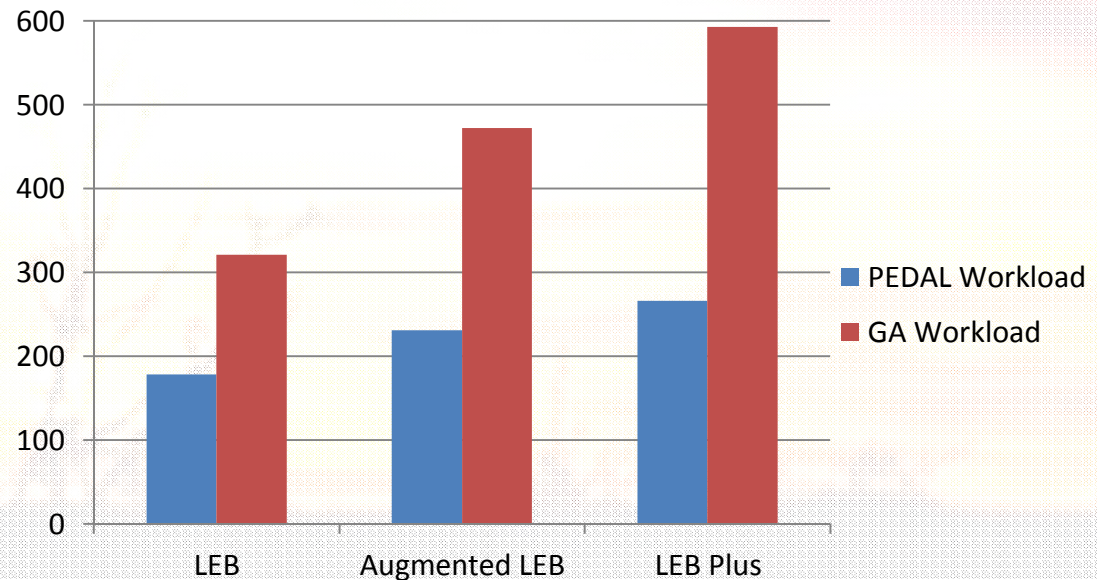


## REFINEMENT AND TESTING OF THE PROBABILISTIC EVENT DETECTION, ASSOCIATION, AND LOCATION

4-S-NDC-DR

### Highlights:

- Signal association can be improved with modern computers and historical data.
- PEDAL matches predictions with observations
  - Travel Time
  - Slowness
  - Azimuth
- to identify seismic event location, origin time, and associated arrivals.



## *APPLAUSE*

### Key Reference:

**Le Bras, R.,** H. Swanger, T. Sereno, G. Beall, R. Jenkins, W. Nagy, and A. Henson (1994). Global Association Final Report, SAIC Technical Report SAIC-94/1155.

*APPLAUSE*