Permanent Station Enclosures - JOBOX

405 Beth Bartel March 24, 2010 Enclosures 2895

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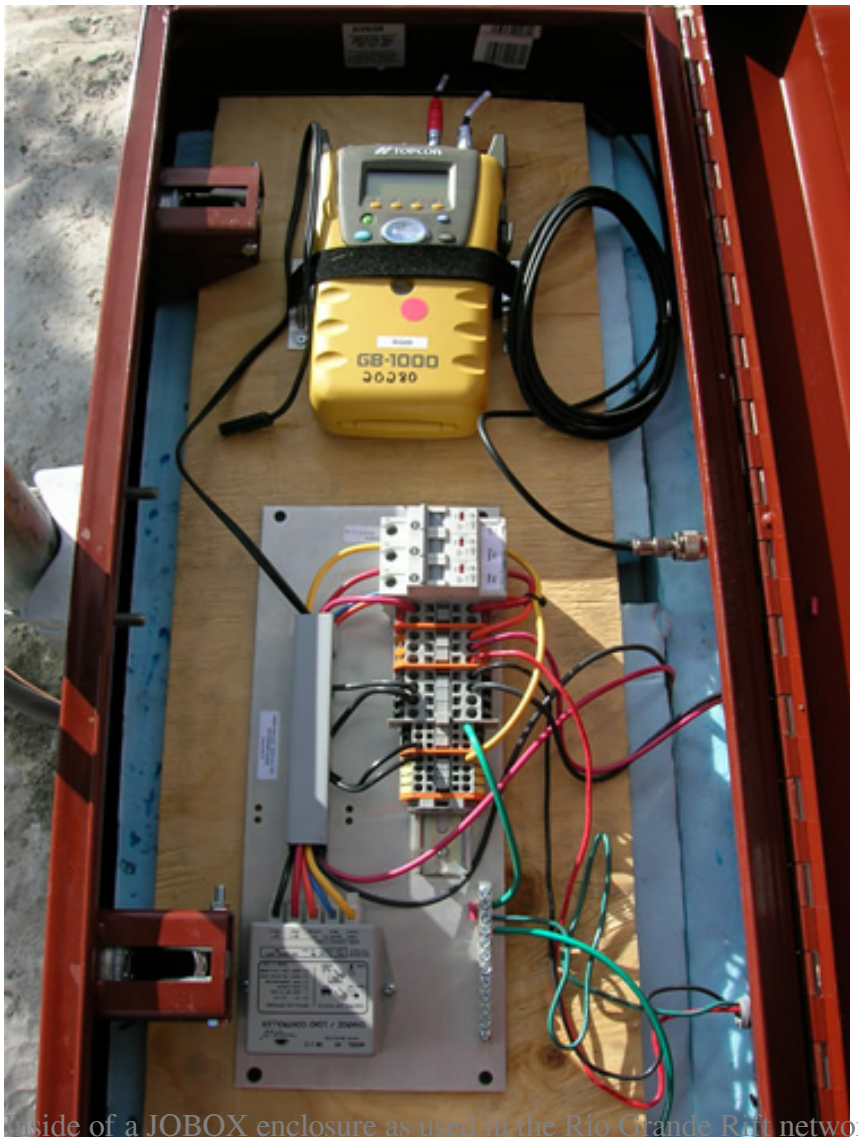
JOBOX enclosure as used in the Rio Grande Rift network, Colorado and New Mexico.



side of a JOBOX enclosure as used in the Rio Grande Rift network.

JOBOX chests, made by Delta Consolidated Industries, Inc., are durable, weatherproof metal enclosures that UNAVCO has used in several long-term installations, including the EarthScope-sponsored Rio Grande Rift network. Chests are secured with key locks. The major drawback of the JOBOX is weight; boxes are heavy and cumbersome, thus not ideal for shipping and for transporting by foot over long distances. Cost of the box shown here is approximately $300-400 (as of February 2009).

Parts list for the Rio Grande Rift network, as shown here:

- Topcon GB-1000 GNSS receiver
- Topcon GB-1000 DC power cable
- backpanel with charge regulator
- GPS antenna cable pigtail

- Huber Suhner
- PV wires pass-through
- lightning sponge
- grounding (bolt with copper wire)
- sealed 100 Amphr batteries (4)

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