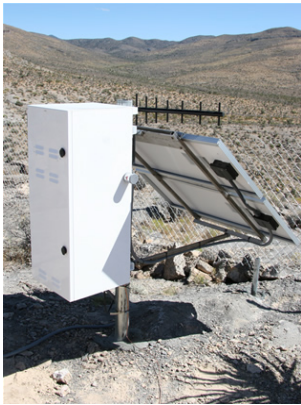



UNAVCO Resources: Permanent GNSS Station Enclosures

381 Beth Bartel August 24, 2016 [Equipment Enclosures](#) 2616

UNAVCO Resources: Permanent GNSS Station Enclosures

UNAVCO has installed and supports a large variety of equipment enclosures for both AC and DC GNSS sites, from enclosures specifically designed for solar systems (the SunWize battery enclosure) to simple storage containers modified to accommodate cable pass-throughs. We can work to find the most suitable enclosure given the budget and the location of each permanent or semi-permanent GNSS installation. Below is a list of enclosures used within the last several years in UNAVCO-supported projects; click on the photographs to see sample content lists and more photos of actual installations. For standard UNAVCO campaign enclosures, check out [UNAVCO Campaign GNSS Systems](#) .

	SunWize Premium F-Series Battery Enclosure	The SunWize enclosure is used throughout the UNAVCO Observatory network and other permanent stations in the US. Benefits include: the enclosure is made of heavy-duty metal with key locks secured on all sides and external knockouts for cables, weatherproofing, and a large amount of space for equipment (\$700-\$1000 as shown). If site space is limited, the enclosure can be shipped, and mounted on a tripod (enclosure is designed for this) which must be strong enough to support the enclosure.
	Hardigg Case	Hardigg (now called Harsco) makes rugged, weather-resistant cases which are stacked and resistant. Connections are made through the ribs of the case during shipping.
	JOBBOX	JOBBOX chests, made by Industries, Inc. , are metal enclosures used for several long-term



EarthScope-spo
network. Chests
The major draw
boxes are heavy
ideal for shipping
over long distan
here is approxin
February 2009).



[Pelican Case \(large\)](#)

The [Pelican](#) ca
used to transport
weatherproof. T
deployed in the
Grande network
batteries in addi
case is difficult
with padlocks. C
\$250-\$300 (Feb
available (see be
networks with y
where large batt



[Pelican Case \(small\)](#)

Like the larger
smaller Pelican
be used to trans
is ideal if space
the requirement
small (e.g. in a y
as is common ne
difficult to destr
padlocks. Netwo
cases include At
Galapagos. Cost
approximately \$



[Commercial Electrical Enclosure](#)

Electrical boxes
'locally,' in majo
shipped. Boxes
passing cables th
like the box sho
often sturdy, ma
metal, and may
Networks utilizi
include Calabria
price range is ab



Storage Container

A heavy-duty st [Contico](#) Tuff B truck or other of an equipment en low cost (about here, as of Febr US cities, rugged The case shown Amphr batteries communications enclosures in the network.

Online URL: <https://kb.unavco.org/article/unavco-resources-permanent-gnss-station-enclosures-381.html>