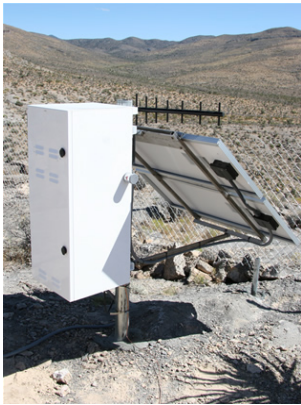



# UNAVCO Resources: Permanent GNSS Station Enclosures

## 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](#) .

	<a href="#">SunWize Premium F-Series Battery Enclosure</a>	The <a href="#">SunWize</a> 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 secure the door and external knobs; cables, weatherproof connectors, and a large amount of space for equipment (\$700-\$1000 as standard, site space is limited by shipping), and more (enclosure is designed to be strong enough to
	<a href="#">Hardigg Case</a>	<a href="#">Hardigg</a> (now called <a href="#">Hardigg</a> ) makes rugged, weather-resistant enclosures which are stacked and resistant. Connections are made through the ribs of the case during shipping.
	<a href="#">JOBBOX</a>	JOBBOX chests, made by <a href="#">Industries, Inc.</a> , 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 storage container, such as the [Contico](#) Tuff Box, can be used to store a truck or other off-road vehicle, an equipment enclosure, or a low cost (about \$100) here, as of February 2015. US cities, rugged terrain. The case shown here is an Amphr batteries, communications, and enclosures in the network.

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