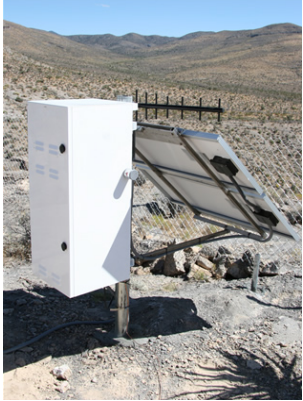



UNAVCO Resources: Permanent GNSS Station Enclosures

381 Beth Bartel August 24, 2016 [Equipment Enclosures](#) 2057

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](#).

	<p>SunWize Premium F-Series Battery Enclosure</p>	<p>The SunWize enclosure is used throughout the UNAVCO Observatory network and other permanent GNSS sites in the US. Benefits include: the enclosure is made of heavy-duty metal with key locks secured on the front and external knockouts for cables, weatherproofing, and a large amount of space for equipment (\$700-\$1000 as shown). Site space is limited (enclosure is designed for shipping), and must be strong enough to withstand weather conditions.</p>
	<p>Hardigg Case</p>	<p>Hardigg (now called Hardigg) makes rugged, weather-resistant cases which are stackable and resistant. Connections are made through the ribs of the case to prevent damage during shipping.</p>
	<p>JOBBOX</p>	<p>JOBBOX chests, made of metal enclosures, are used for several long-term installations.</p>



EarthScope-spo
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here is approxin
February 2009).



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

The [Pelican](#) ca
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with padlocks. C
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[Pelican Case \(small\)](#)

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cases include AT
Galapagos. Cost
approximately \$



[Commercial Electrical Enclosure](#)

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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 B](#), is used to house an equipment enclosure. The container is mounted on a truck or other vehicle. The cost is low (about \$100 here, as of February 2010). In some US cities, rugged enclosures are used. The case shown here is an Amphr battery enclosure in the network.

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