UNAVCO Resources: Permanent GNSS Station Enclosures

381 Beth Bartel August 24, 2016 Equipment Enclosures 3104

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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 <u>SunWize</u>
		used throughout Observatory net
		other permanen
		US. Benefits inc
		enclosure is made
		key locks secure
		and external kno
		cables, weathern
		amount of space
		(\$700-\$1000 as
		site space is lim
		shipped), and m
		(enclosure is des
		which must be o
		strong enough to
	Hardigg Case	<u>Hardigg</u> (now c
		makes rugged, v
		which are stacka
		resistant. Conne
		ribs of the case
		during shipping.
	TOPON	IODOX 1
	<u>JOBOX</u>	JOBOX chests,
		Industries, Inc.
		metal enclosures
		several long-teri

	EarthScope-sponetwork. Chests The major draw boxes are heavy ideal for shippin over long distanhere is approximately properly the second secon
Pelican Case (large)	The Pelican caused to transport weatherproof. T
	deployed in the Grande network batteries in addicase is difficult with padlocks. (\$250-\$300 (Feb available (see be networks with y where large batteries)
Pelican Case (small)	Like the larger smaller Pelican be used to trans is ideal if space the requirement small (e.g. in a yas is common notificult to destroyadlocks. Netwo cases include A Galapagos. Costapproximately \$1.000.
Commercial Electrical Enclosure	Electrical boxes 'locally,' in major shipped. Boxes passing cables to like the box sho often sturdy, may metal, and may Networks utilization of the call of the ca



Storage Container

A heavy-duty struck or other or an equipment er low cost (about here, as of Februs cities, rugge The case shown Amphr batteries communications enclosures in the network.

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