

# STATIC



March 2010

## A Simple No-Holes Cable Entry Panel

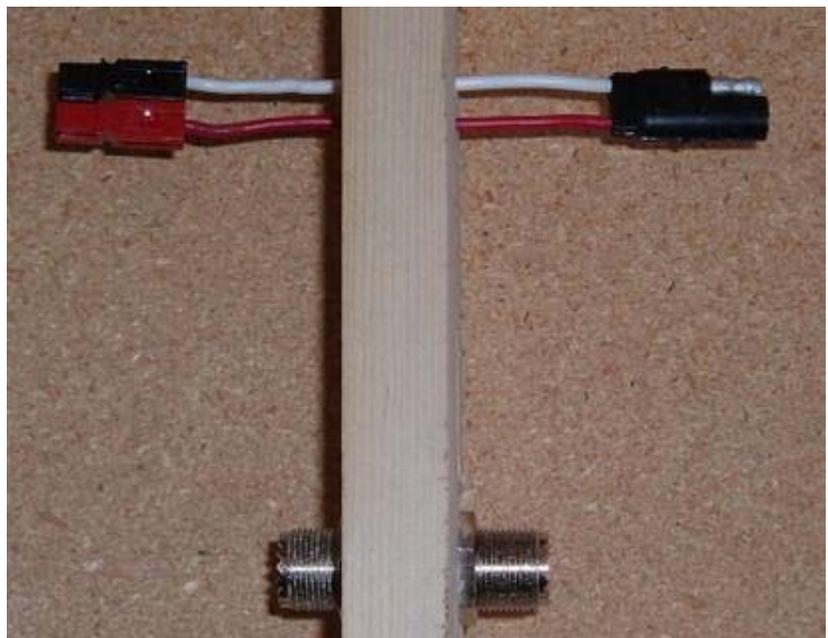
Thanks to Bill Savage, K3AN

*Don't drill holes through your walls. Try this approach instead.*

My wife and I have moved quite often. At each new QTH it has been a given that, in the process of installing my station and getting the cables outside to the antennas, I don't make any irreversible modifications to the house. In exchange, I can use an approach that's not the most attractive or low-profile. The only requirement is that it keeps the bugs out. If you have a single- or double-hung window in your ham shack, you might want to consider the approach described here.

The materials needed include a length of 1 x 3 pine or other wood, a roll of the foil tape used by HVAC installers, and a roll of adhesive-backed foam insulation. These are all available at any home improvement center. You'll also need one or more two-inch coaxial barrel connectors.

I use an SGC auto-tuner with my 130-foot inverted-L. It requires 12 Volts DC. I bought a 2-conductor weatherproof trailer light connector set from an auto supply store for the 12-Volt feed to the outside. The Anderson Power Pole connectors that I use for all my station's DC wiring are not suitable for continuous outdoor use. In the photo below, you see how I convert from the Power Poles to the trailer light connector. The identical other half of the trailer light connector is attached to the DC cable going to the SGC.

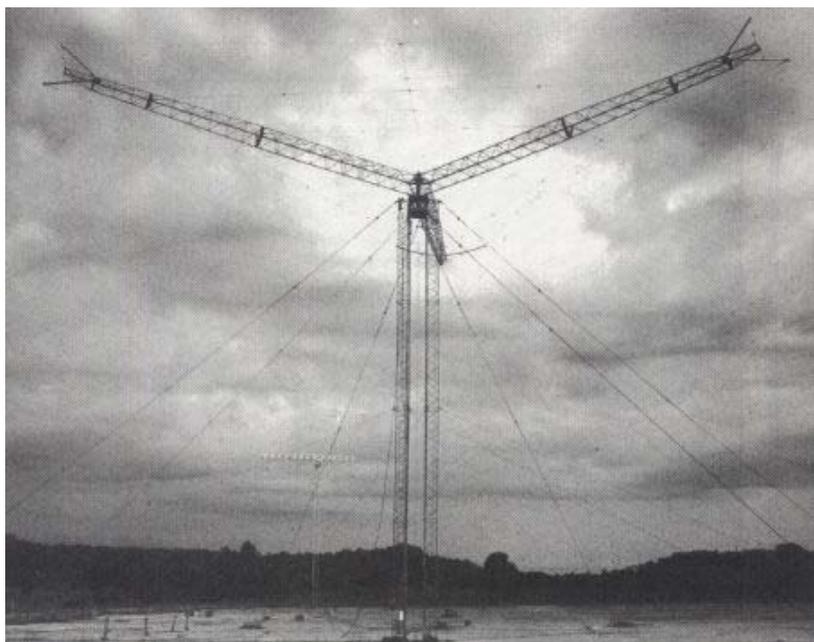


Start by opening the window and measuring the inside width of the window frame. Cut the wood to this length and verify that it's a good fit. Now you can drill the wood for the barrel connector (s). If you need to get other wires outside, you should drill the holes just large enough to pass a single wire through. I suggest drilling them at a downward angle to the outside so that water (from rain or dew) doesn't readily "wick" into the holes. **(Cont. page 3)**

## LBARA MEETING SCHEDULE

MONTH	BOARD	REGULAR
MARCH	NOTE: BOARD	3/18
APRIL	MEETINGS WILL NOW	4/15
MAY	TAKE PLACE ONE	5/20
SEPT	HOUR PRIOR TO THE	9/16
OCT	REGULAR MEETING	10/21

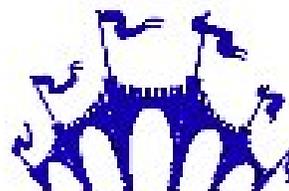
### ANOTHER ANTENNA MY WIFE WON'T LET ME PUT UP!



This is a picture of a log periodic antenna that covered a whopping 3 - 30 mhz. I believe it was located somewhere in Africa, but it's long gone now. What a DX "getter" this must have been!

### Monday Night Net (7 PM)

System	Location	Freq	Offset	PL
MCARS	Bullhead City	145.27	-	131.8
	Kingman	146.76	-	131.8
	Kingman	448.25	-	131.8
	Lake Havasu	146.62	-	131.8
	Willow Beach	147.12	-	131.8
CRRA	Lake Havasu City	146.96	-	162.2
	Lake Havasu City	224.24	-	156.7
	Lake Havasu City	146.64	-	156.7
	Lake Havasu City	449.95	-	141.3
BARN	Lake Havasu City	447.54	-	136.5
	Las Vegas, NV	449.95		136.5
	Onyx(Palm Springs)	449.34	-	136.5
	Orange County, CA	447.54	-	100



(Cont. from page 1)

Once all holes have been drilled and the barrel connectors and any other cables have been installed, the board can be put into position. Then you're ready to install the bug proofing. I place foil tape all the way around the perimeter on both inside and outside (shown) so it contacts both the frame and the wood. DON'T use duct tape! It's not very weather-resistant, and it leaves a messy residue of adhesive when you remove it. The foil tape adheres well, yet comes off cleanly with only a trace of adhesive residue.

Since the window is partially open, you now have a gap between the glass in the lower sash and the frame of the upper sash (or the fixed frame of a single-hung window). Use the foam insulation to plug this gap, making sure you also plug any side gaps between the sash and the frame track. The actual strip of installed insulation is partly visible along the upper edge of the sash. I left the remnant of the insulation roll in the picture, resting on the sash, so you can see what the product is.



With this arrangement, air infiltration is minimal and bug infiltration is zilch. If you live in an area where it's really cold in the winter, you may want to better insulate that upper gap. But for the temperate climate of my upstate South Carolina QTH, I think the foam is sufficient.

I live in a gated community of retirees, so I'm not particularly worried about break-ins. If that's a concern for you, it would be an easy task to cut a length of wood to snugly fit between the top of the open sash and the top of the window frame to form a sort of "charley bar." If your window is equipped with a security sensor (such as a magnetic reed switch), and/or home security is a significant issue with you or your family, then further effort or an entirely different approach may be needed.



For a very small investment in time and money, you can replicate what I've described here. And when the time comes to sell the house and move on, it will take just a couple of minutes to remove the installation.

## Upcoming Activities and Hamfests

<b>March 27</b>	<b>Desert Fest - Radio Society of Tucson - Tucson, AZ</b>
<b>May 1</b>	<b>Larry Warren Memorial Hamfest - Sierra Vista, AZ</b>
<b>May 29</b>	<b>Prescott Hamfest - Yavapai ARC - Prescott, AZ</b>
<b>July 16</b>	<b>ARCA/Williams Hamfest - Williams, AZ</b>
<b>Sept 17-19</b>	<b>ARRL SW Division Convention - San Diego, CA</b>

Dave Gunderson, KBB7ZZV, recently visited Black Metal Mountain and took this pictures of our Club's Repeater (146.62). Thanks for sharing this Dave.....Editor



Looking north: a panoramic view of the club's building and tower



Another view of the tower and building



This is the 440 link shooting back up to Lake Havasu City



Inside the repeater building



Dave remembers this repeater from back in the 90's, like an old friend. "As I recall, the enclosure came from some old equipment we had retired at work. I gutted out the box and installed an old GE Master 2 the Club had purchased at Tuthill. I spent a couple of Saturday's converting the radio for 2 Meter use and wiring up in this box. The only new thing I see is the controller which has probably changed out several times over the years."

Another panoramic shot of the lake: a 120 arc view

"I couldn't resist taking this picture. I remember making up this interconnect! Note the paper clips on the left side. I used these as test points. Crude, but functional."



# **LBARA Once Again Provides Communication For The March Of Dimes Walkathon**

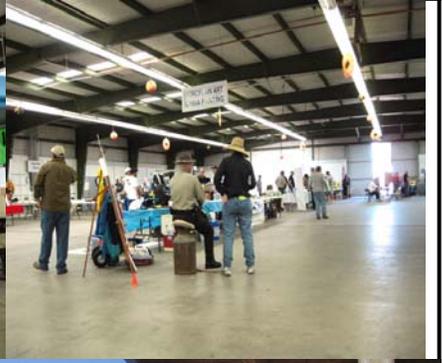


## **A Big Thank You To These Club Members**

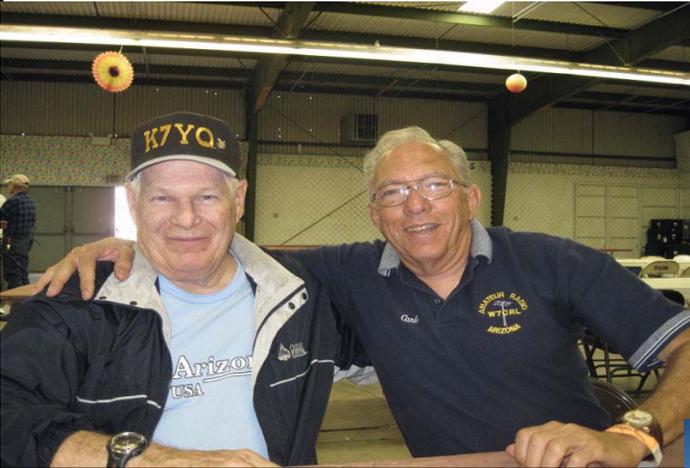
**Ed Gillespie, AB7EM; Jack Fritchey, KI6YAS; Reiner Schick, KD5MBA;  
Carl Schiller, W7CRL; Lyle Sibbald, K7YQ; Jim Varner, AE6N; Al Key,  
WA6FLL (Missing from this picture is Russ Nyblom, K7RUA)**

**(The YL's are "Tina" from the Arizona March of Dimes and Jim  
Sterling's (WB7NOE) wife, Margie)**

# ADVENTURES AT THE YUMA HAMFEST



**ARE THEY HAGGLING OR JUST BROWSING ? WHO KNOW WITH THESE TWO!**



**LYLE (K7YQ) AND CARL (W7CRL)....ALWAYS**



**JERRY (K7LY), LYLE (K7YQ) AND LEE (W7AX) POSING TO PROVE TO THEIR XYL'S THAT THEY WERE THERE. WAIT, LEE'S WIFE, BONNIE, WAS THERE BUT REFUSED TO POSE WITH THESE THREE!**



**MARINE HARRIERS DOING A FLYBY IN HONOR OF LYLE (K7YQ).....AT LEAST THAT'S WHAT HE TOLD ME.**

# FOR SALE/TRADE

Your ad here.....with pictures if you like....contact the Static editor.

**Kenwood 940AT** Excellent condition. Used only once since factory overall. Includes all the manuals. Price is \$700 firm. Alan, N7QLL, at (928)855.6609 .



**Wilson MT-51 and Stepper IR** Package deal for a crank up tower (with tilt-over). This is similar to a US Tower M550. Package includes a Stepper IR 3-element beam with the 30/40 kit and 6 meter element. Also included is the ICOM transceiver interface and approximately 120 ft of control cable. Make offer. See Dick, W7ZR at (928)208.7175.

## LBARA OFFICERS AND DIRECTORS

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Tom Fulmer	Treasurer
Lyle Sibbald/Lyle Ross	Secretary
Dick Jernigan	Director (2 YR)
Allan Key	Director (2 YR)
Jim Gould	Director (1 YR)
Cliff Baril	Director (1YR)
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Jerry France	Static Editor
Linda Fulmer	Membership Chair

**VISIT OUR WEBSITE**

[www.lbara.net](http://www.lbara.net)

## FROM THE EDITOR

If you have anything you would like to see included in these issues, please let me know. I'm always looking for articles, news items, construction articles, or anything that might be of interest to our readers. You can contact me at 928.855.7941 or email at [grf@uneedspeed.net](mailto:grf@uneedspeed.net) or [francej@ajsinsurance.com](mailto:francej@ajsinsurance.com).

L.B.A.R.A  
P.O. BOX 984  
LAKE HAVASU CITY  
ARIZONA 86405

# STATIC

## ATTENTION READERS

Please note that this issue represents a “work-in-progress” and there are a number of changes to be made in subsequent issues. I would greatly appreciate your comments, both good and bad, as well as any suggestions for future issues. This issue also begins our first attempt to deliver the **STATIC** to your doorstep electronically. Please keep me abreast of any email address changes you may have and I promise to have this delivered promptly and accurately. Also, I still have a number of articles awaiting publication and will do so in the future. This is your newsletter, so keep the articles, letters, and pictures coming. I can be reached at home (855.7941), at work (855.3081) or via email at [grf@uneedspeed.net](mailto:grf@uneedspeed.net) .

## EQUIPMENT FOR SALE

**EDITOR’S NOTE:** List your items for sale here. Ham radio related only, please. Include a picture if you like (please use a jpg format). Email all to me at [grf@uneedspeed.net](mailto:grf@uneedspeed.net)) along with your name and phone number.

