

# STATIC



November 2009

## Amateur Radio Disaster Preparedness

**Last Month We Looked At Disaster Preparedness In General. This Month We Look At How An Amateur Radio Operator Should Be Prepared**

**(Submitted by Dick Jernigan, W7DXJ)**

You must make sure your personally prepared for a disaster before you can even consider helping with Amateur Radio. If you are preoccupied with personal matters, you won't be able to help us. To be ready for disaster communications, do the following:

- Train regularly with your local ARES group. You play like you practice.

Think about how you might best be able to help during a disaster. Some of us are good at installing antennas and equipment, others of us are better at operating on the air. Not everyone is suited to doing every job. Sometimes just having helping hands, spare equipment or supplies can be helpful even if you cannot operate the radios yourself. Generators need fuel, operators need coffee, stations need to be set up. Figure out where you best fit in. Decide how you can help out if:

- You stay home. Can you deploy at a shelter or EOC for a few hours? Operate from home?
- Must evacuate. Can you deploy from where you have evacuated to, such as a shelter?

Have all resource materials you need in *printed* form. Don't depend on computers, PDAs and so forth as they may not work in a disaster, require electricity and are relatively fragile.

If you use a computer regularly in your on-the-air operations, make sure you practice doing things such as calling nets and handling traffic the pencil-and-paper way once in a while. Remember, you are you may not be able to spare the amp-hours or the table space to run a computer.

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## LBARA MEETING SCHEDULE

MONTH	BOARD	REGULAR
NOVEMBER	NOTE: BOARD	11/19
DECEMBER	MEETINGS WILL NOW	12/17
JANUARY	TAKE PLACE ONE	1/21
FEBRUARY	HOUR PRIOR TO THE	2/18
MARCH	REGULAR MEETING	3/18

### Extra: Transmitter Hunting Is Returning To Lake Havasu

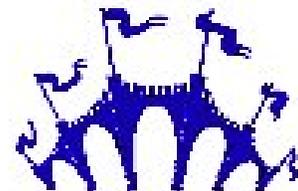
**Our Club held many hunts over the years and we are once again going to provide you with the fun of hunting and learning the skills to quickly find that interfering transmitter. We are called on from time-to-time to do just that.**

**What a deal! Having fun while learning a new skill!**



### 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
CRRRA	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



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**Have an Amateur Radio ready kit to supplement your personal ready kit. Some items to include:**

- Portable radio, antenna and power supply or batteries (2 sets)
- Headset or earphones (you may be operating in a noisy area)
- Any cables you could possibly need
- Pencils and Paper
- Clipboard (firm writing surface, you may not have one otherwise)
- Radiogram forms (helpful but not absolutely required)
- Operating aids (pink card, Field Resources Manual, list of ARRL numbered radiograms, and anything appropriate for your local area)
- Small tools (multi-tip screwdriver, multitools, etc.)
- ARES Identification Card, if appropriate
- Important phone numbers and frequencies
- Map of the area
- Flashlight
- Poncho - very small to store, only around \$2 and can be useful when you least expect

**If carried in lieu of a personal ready kit, a few items may be helpful:**

- For a short deployment, a bottle of water plus some crackers or something to eat requiring no preparation could make things much more bearable for you
- Medicine
- Toilet paper - small packets from MRE kits are very handy and don't take up much room.
- Moist towelettes

## **Upcoming Activities and Hamfests**

<b>December 5</b>	<b>Superstition ARC Hamfest, Mesa, AZ</b>
<b>January 9</b>	<b>Westfest, Thunderbird ARC, Glendale, AZ</b>
<b>January 17-23</b>	<b>Quartzfest, Quartzsite, AZ</b>
<b>February 1</b>	<b>WVARD 2010 Ham Equipment Auction, West Valley ARC</b>
<b>February 19-20</b>	<b>Yuma Hamfest and Emergency Preparedness Show</b>

## **THINGS YOU SHOULD KNOW BUT PROBABLY DON'T.....**

- The dot over the letter i is called a "tittle".
- 40% of McDonald's profits come from the sales of Happy Meals.
- 315 entries in Webster's 1996 Dictionary were misspelled.
- The 'spot' on 7UP comes from its inventor, who had red eyes. He was albino.
- Donald Duck comics were banned from Finland because he doesn't wear pants.
- Chocolate affects a dog's heart and nervous system; a few ounces will kill a small sized dog.
- Upper and lower case letters are named 'upper' and 'lower' because in the time when all original print had to be set in individual letters, the 'upper case' letters were stored in the case on top of the case that stored the smaller, 'lower case' letters.
- The name Wendy was made up for the book Peter Pan; there was never a recorded Wendy before!
- Leonardo Da Vinci invented scissors. Also, it took him 10 years to paint Mona Lisa's lips.
- By raising your legs slowly and lying on your back, you can't sink in quicksand (and you thought this list was completely useless.)
- The phrase "rule of thumb" is derived from an old English law, which stated that you couldn't beat your wife with anything wider than your thumb.

## **IMPORTANT NOTICE**

### **LBARA'S ANNUAL CHRISTMAS PARTY**

**BE SURE AND SAVE THIS DATE:**

**FRIDAY, DECEMBER 11TH**

**AT 6 P.M.**

**LOCATION: GOLDEN CORRAL**

**(more details to follow)**

## LBARA ASSISTS

### THE ANNUAL LONDON BRIDGE DAYS PARADE

Once again LBARA steps up to assist the Lake Havasu City community by providing communication for this year's parade. Many thanks to the following club members:

Ted Taft (WA7WBM)

Dick Jernigan (W7DXJ)

Ed Gillespie (AB7EM)

Reiner Schick (KD5MBA)

Tom Fulmer (KE7VMG)

Al Key (WA6FLL)

Jim Varner (AE6N)

Jim Faulkner (K0JLF)

Lyle Ross (W6TPT)

Russ Nyblom (K7RUS)

Bob Denny (K7RKD)

Jim Gould (KF7X)

**SALE.....SALE.....SALE.....SALE.....SALE.....SALE**

**GIANT AUCTION COMING IN NOVEMBER TO  
OF 2009 TO BENEFIT THE LBARA. RIGS, ANTENNAS, MISC.  
EQUIPMENT WILL BE SOLD TO THE HIGHEST BIDDER.  
BE SURE TO ATTEND THIS MONTH'S CLUB MEETING  
AND BRING YOUR CHECKBOOK.  
BARGINS GALORE**



**“MY WIFE SZ IF I PUT ONE  
MORE RADIO IN THE CAR,  
SHE’LL LEAVE ME.....OVER”**

## The K7RA Solar Update



Sunspot region 1029 disappeared after October 30, but not because it faded away -- it was transiting over our Sun's western horizon on its trip around the back side. Six days after it was gone, a new region -- region 1030 -- appeared for several days, November 5-7. On November 8, this region had faded away and seemed like other weak spots we've seen over the past couple of years, except they appeared for one day with a sunspot number of 11. Sunspot region 1030 ran for three days with sunspot numbers of 15, 16 and 11. But then on November 9, the sunspot region re-emerged, with sunspot numbers of 14, 13, 11 and 11 through November 12.

While 1030 is passing over the Sun's western limb, we can still see sunspot region 1029 transiting the far side of our local star, and now it is approaching its eastern horizon. A short time ago, this observation would have been impossible, but with the [STEREO mission](#), our total vision of the sun now approaches 85 percent. Old region 1029 appears as a bright area of magnetic disturbance; we can't actually determine what the sunspot number or the total area of the region might be, but it still appears to have a large and robust magnetic signature.

The 45 day Air Force and NOAA Ap and flux forecast gives us some clue about the dates it may emerge into view, and when it is most directly facing Earth. Predicted solar flux is 73 for November 13, 74 on November 14, 75 on November 15-21 and 80 for November 22-24. After that, the forecast shows it declining to 75, 72 and 70. This suggests it might reach the most geoeffective position, that is, the position where it is near the Sun's central meridian relative to the Earth, around November 22-24. Sunspot numbers for November 5-11 were 15, 16, 11, 0, 14, 13 and 11 with a mean of 11.4. The 10.7 cm flux was 70.5, 70.9, 70.6, 70.9, 72.1, 72.8 and 72.4 with a mean of 71.5. The estimated planetary A indices were 1, 0, 1, 6, 4, 1 and 1 with a mean of 2. The estimated mid-latitude A indices were 0, 0, 0, 4, 2, 0 and 0 with a mean of 0.86.

Conditions have been good, with continued weak or missing solar wind and very quiet geomagnetic indicators. As noted in previous weeks, a check of [geomagnetic data](#) shows day after day with K index values at zero, which is as low as it can go. During past times and previous cycles, it was common to see a constant K index of 3, and an A index of 12-15 for mid-latitudes. Note in the paragraph above that the average daily mid-latitude A index for the past week was less than one!

That same NOAA and Air Force prediction shows a low planetary A index of only 5 for November 13-18, 8 on November 19-20, 6 on November 21 and back to 5 again for November 22 and onward. Geophysical Institute Prague for November 13-19 predicts quiet November 13-14, quiet to unsettled November 15 and quiet again November 16-19.

**Are you looking to upgrade your license?**

**Give our VE Exam Team a call.**

**See Ed Gillespie, AB7EM at #453-7412**

# 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

Jerry France	President
Carl Schiller	Vice-President
Reiner Schick	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)
Jim Varner	Sgt-at-Arms
Ed Gillespie	Web Master

## 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).

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## 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.

