

# STATIC



APRIL, 2008

## IS IT TRUE? HAS SOLAR CYCLE 24 BEGUN?

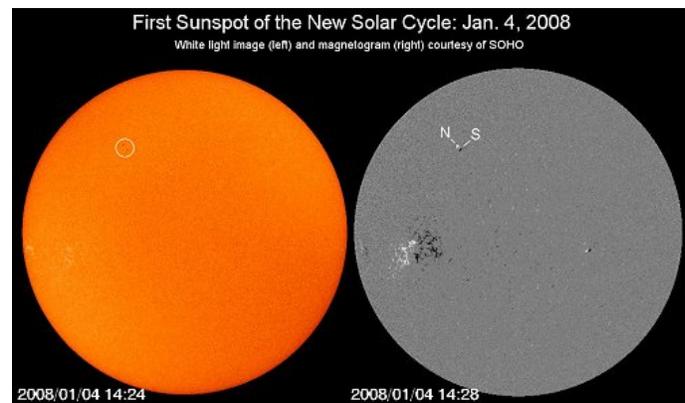
"On January 4, 2008, a reversed-polarity sunspot appeared—and this signals the start of Solar Cycle 24," says David Hathaway of the Marshall Space Flight Center.

Solar activity waxes and wanes in 11-year cycles. Lately, we've been experiencing the low ebb, "very few flares, sunspots, or activity of any kind," says Hathaway. "Solar minimum is upon us."

Solar activity waxes and wanes in 11-year cycles. Lately, we've been experiencing the low ebb, "very few flares, sunspots, or activity of any kind," says Hathaway. "Solar minimum is upon us."

The answer is now.

"New solar cycles always begin with a high-latitude, reversed polarity sunspot," explains Hathaway. "Reversed polarity" means a sunspot with opposite magnetic polarity compared to sunspots from the previous solar cycle. "High-latitude" refers to the sun's grid of latitude and longitude. Old cycle spots congregate near the sun's equator. New cycle spots appear higher, around 25 or 30 degrees latitude.



The sunspot that appeared on January 4th fits both these criteria. It was high latitude (30 degrees N) and magnetically reversed. NOAA named the spot AR10981, or "sunspot 981" for short.

Sunspot 981 was small—only about as wide as Earth, which counts as small on the grand scale of the sun—and it has already faded away. But its three day appearance on Jan. 4-6 was enough to convince most solar physicists that Solar Cycle 24 is underway.

Doug Biesecker of NOAA's Space Weather Prediction Center in Boulder, Colorado, likens sunspot 981 "to the first robin of spring. There's still snow on the ground, but the seasons are changing." Last year, Biesecker chaired the Solar Cycle 24 Prediction Panel, an international group of experts from many universities and government agencies. "We predicted that Solar Cycle 24 would begin around March 2008 and it looks like we weren't far off," he says.

(Tnx to Dr. Tony Phillips, Science@NASA)

## LBARA MEETING SCHEDULE

MONTH	BOARD	REGULAR
APRIL	NOTE: BOARD	4/17
MAY	MEETINGS WILL NOW	5/15
SEPTEMBER	TAKE PLACE ONE	9/18
OCTOBER	HOUR PRIOR TO THE	10/16
NOVEMBER	REGULAR MEETING	11/15

### BOB GILBERTSON - K6BBB - SK

**Bob was the President of London Bridge Amateur Radio Club and the ARES EC for Lake Havasu City, AZ. Bob suddenly passed away after falling to an illness while traveling in the Caribbean. He will be missed by our Club and all who knew him. A Memorial Service will be held at 1:00 p.m. on Saturday, April 19th at the Lake Havasu Yacht Club. Rest in peace Bob.**



### 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



## **Kansas Becomes 26th State to Have PRB-1 Law Will Arizona Ever Pass This Into Law?**

After an unsuccessful attempt eight years ago to get a [PRB-1](#) type bill signed in Kansas, radio amateurs in that state have succeeded in becoming the 26th state with a PRB-1 law on the books. Kansas Governor Kathleen Sebelius signed [HB 2805](#) into law on April 9. The bill, written by Rep Arlen Siegfried (R-15), passed unanimously in both the Kansas House of Representatives and Senate. It takes effect July 1, 2008.

Known as the *Kansas Emergency Communications Preservation Act*, the new law concerns federally licensed Amateur Radio Service communications. According to the governor's office, the law "prohibit[s] a city or county governing body from taking any action that precludes federally licensed amateur radio service communications, or that does not conform to federal regulations related to amateur radio antenna facilities."

The new law states that if a municipality takes any action that regulates the placement, screening, number or height of a station antenna structure, the action must "Reasonably accommodate federally licensed amateur radio service communications; and constitute the minimum regulation practicable to carry out the legitimate purpose of the governing body." Antenna support structures constructed prior to the bill's effective date "are exempted from subsequent changes in zoning regulations...and may be repaired as required."

JD Spradling, KC0NYS, of Olathe, Kansas, is chairman of the [committee](#) that led the charge to get a PRB-1 law on the books in that state. He commented: "Many local zoning boards don't give FCC regulations adequate consideration when making zoning decisions and across the country amateurs have found that state laws are a more effective tool for influencing local zoning regulations. So beginning in the 1990s, amateurs began lobbying for legislation that would place PRB-1-type language into their state laws."

Upon hearing the news that Governor Sebelius signed the bill into law, Spradling said, "This venture has been successful because we have had a great team effort all the way through the process, from all who stepped up -- from our state and local representatives, to our subject matter experts and the PRB-1 Committee members from Miami County, Kansas, as well as everyone else who had been proactive in the 2008 Kansas Legislative process for your fellow hams."

Thanks to the ARRL Amateur Radio News

**LBARA AND THE STATIC STAFF URGE YOU TO BRING THIS TO THE  
ATTENTION OF YOUR LOCAL REPRESENTATIVES**

## **UPCOMING ACTIVITIES AND HAMFESTS**

**2008 Williams Hamfest/ARRL AZ State Convention, July 18-20th, Williams, AZ. See [www.arca-az.org](http://www.arca-az.org)**

**Cochise Hamfest - Cochise Amateur Radio Association . May 3rd, Sierra Vista, AZ. See [www.k7rdg.org](http://www.k7rdg.org)**

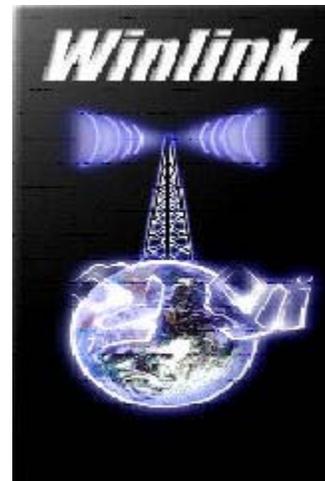
**2008 ARRL Southwester Division Convention—September 12-14th, Mesa, AZ. See [www.AzHamCom.org](http://www.AzHamCom.org)**

# **AN INTRODUCTION TO WINLINK 2000 AND AIRMAIL VIA VHF**

**DICK JERNIGAN, W7DXJ**

Would you like to be able to get the same level of e-mail service you enjoy on the Internet at home from your ham station while vacationing in your summer cabin miles from the nearest telephone, in your RV while on the road, offshore in your sailboat, or per-haps most importantly during an emergency when your local communications services have been disrupted? If so, Winlink 2000 is for you.

Be sure and attend this month's LBARA meeting and watch as Dick Jernigan, W7DXJ, demonstrates the use of AIRMAIL to send and receive your messages from any of the participating WL2K stations.



## **GROANERS**

**Without geometry, life is pointless.**

**When you dream in color, it's a pigment of your imagination.**

**Condoms should be used on every conceivable occasion.**

**Reading while sunbathing makes you well-red.**

**A man's home is his castle, in a manor of speaking.**

**When two egotists meet, it's an I for an I.**

**A bicycle can't stand on its own because it is two-tired.**

**What's the definition of a will? (Come on, It's a dead giveaway!)**

**In democracy your vote counts. In feudalism your count votes.**

**A chicken crossing the road is poultry in motion.**

**If you don't pay your exorcist, you get repossessed.**

**With her marriage, she got a new name and a dress.**

## **On the first day, God created the dog and said:**

'Sit all day by the door of your house and bark at anyone who comes in or walks past. For this, I will give you a life span of twenty years.'

The dog said: 'That's a long time to be barking. How about only ten years and I'll give you back the other ten?'

So God agreed.

**On the second day, God created the monkey and said:**

'Entertain people, do tricks, and make them laugh. For this, I'll give you a twenty-year life span.'

The monkey said: 'Monkey tricks for twenty years? That's a pretty long time to perform. How about I give you back ten like the Dog did?'

And God agreed.

**On the third day, God created the cow and said:**

'You must go into the field with the farmer all day long and suffer under the sun, have calves and give milk to support the farmer's family. For this, I will give you a life span of sixty years.'

The cow said: 'That's kind of a tough life you want me to live for sixty years. How about twenty and I'll give back the other forty?'

And God agreed again.

**On the fourth day, God created man and said:**

'Eat, sleep, play, marry and enjoy your life. For this, I'll give you twenty years.'

But man said: 'Only twenty years? Could you possibly give me my twenty, the forty the cow gave back, the ten the monkey gave back, and the ten the dog gave back; that makes eighty, okay?'

'Okay,' said God, 'You asked for it.'

So that is why for our first twenty years we eat, sleep, play and enjoy ourselves. For the next forty years we slave in the sun to support our family. For the next ten years we do monkey tricks to entertain the grandchildren. And for the last ten years we sit on the front porch and bark at everyone.

**Life has now been explained to you.**

## **On - Air Swap Nets**

**If Your Looking for A Piece of Equipment, Give These A Try**

- 7.240 Every Sat. and Sun. Starts around 12:30PM Controls are various. Covers West Coast.
- 3.915 On Sunday mornings at 10:00AM Pacific Time. Net control W7BUN. Mostly northwest states
- 3.908 "WARFA" swap net. Wed. nights at 8:00 PST. This net is on the West Coast, but many check ins from the midwest.
- 3.922 Mid-West Swap Net On Sunday evenings from 5:30PM to 7:30PM PST
- 7.235 Chaverim Rag Chew/Swap Net Every morning at 11:30AM PST. Monday -Friday Western US. Net control WA6USL
- 3.908 "Northstar Traders net" - 8:30AM Central. (originates from Minnesota/Wisconsin area) Host W5MAZ

## **Linda Faulkner - N0LFF - SK**



**Linda Faulkner passed away peacefully at home on April 3, 2008. She leaves two children, Jim Jr. and John, and her loving husband, Jim Faulkner, K0JLF.**

**Linda was very active in local organizations including the Havasu 4 Wheelers, Western Welcome, the Genealogy Society, the London Bridge Amateur Radio Association and North Palo Verde Baptist Church.**

**REST IN PEACE LINDA**

## **Welcome New Hams**

**John Patskan - N6JHF - Upgrade to General**

**Dale Larsen - KE7TCJ - New Technician**

**Steve Mendez - KE7TCK - New Technician**

---

### **ERRATUM**

**We forgot to include the calls of the new hams who were listed in the last issue. It should have been:**

**Paul Hoyt                      KE7SPU**

**James Miller                 KE&SPT**

---

**Are you also looking to upgrade your license? Give our VE Exam Team a call.**

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

# FOR SALE/TRADE

**MFJ-616 Speech Intelligibility Enhancer** - Recently serviced by MFJ. Like new condition. With manual and shipping box. \$130

**Kenwood TS-50 Transceiver** –10 through 160 meters. 100 watts. With mobile bracket, manual and shipping box. Excellent condition. \$450

**MFJ - 941E Antenna Turner** –300 watts. 10-160 meters. Excellent condition with manual and shipping box. \$90

**Hugh Allen, WB6TQP, Phone #453.8659, Lake Havasu City, AZ**

---

**All Band Vertical** - Lee has an all-band vertical that he no longer needs. He had loaned this to Dick, W7ZR, who was able to work all other the world. The price is right.....**it's FREE!** Contact Lee St. Clair, W7AX at 505.8659.

---

**ICOM 781C** - Still in the process of evaluating this rig, but initial contacts seems to say this rig is in great condition, both electrically and cosmetically, Original cost of this rig was \$6,000. Includes SP-20.

**ALPHA 87C** - Legal limit amplifier with automatic band changing following your transceiver. Uses a pair of 3CX800A7 for a full 1500 watt output with 50-55 watts in. Amp is still not fully checked out but appears to be in excellent condition. S/N 91180063. Original cost was \$6,500.

**See Jerry France, K7LY, 928.855.7941 or grf@uneedspeed.net. These are from the estate of Ray Hunnicutt, W7YHC. Other misc. parts, antennas, etc. will be made available.**

## LBARA OFFICERS AND DIRECTORS

Jerry France	President
	Vice-President
Reiner Schick	Treasurer
Lyle Sibbald/Lyle Ross	Secretary
Dick Jernigan	Director (2 YR)
Mike Burson	Director (2 YR)
Jim Gould	Director (1 YR)
Cliff Baril	Director (1YR)
Russ Nyblom	Sgt-at-Arms
Ed Gillespie	Web Master
Jerry France	Static Editor

## 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@uneespeed.net](mailto:grf@uneespeed.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@uneespeed.net](mailto:grf@uneespeed.net)) along with your name and phone number.

