

## The Pres Says:



**Alan Malan  
KB7YSP**

### **Club Swap Meet Next Saturday**

By Alan Malan KB7YSP

Ask a local ham what marks the end of summer, and they will say the DCARC swap meet!!..well maybe?;-)

They might say the Wasatch 100 or Labor Day, too! ;-)

There is no regular club meeting in September; it is the swap meet, which is the 3<sup>rd</sup> Saturday of September September 21<sup>st</sup>. There will be a drawing for a radio at the swap meet - see the web site ([www.DCARC.net](http://www.DCARC.net)) for the particulars. There is no cost to come, and no cost for tables, but the tables are first come first get. Come buy/sell/trade/swap some “cool stuff” with other hams.

The annual summer picnic was a big success, those who were there had a lot of good food and fun. Thanks to Gary, N7DND, and Karen Johnson (call sign..TBD..;-) ), for putting that together, and thanks to John Gold, N7UPI, for reserving the park and bringing his bunny for the bunny hunt.

Those who were “prepared” (brought their radios) were able to participate -.Johnny Biggs, N7CN, found the bunny and got the prize, a multi-tool.

Speaking of prizes, we had the drawing for the field day mobile radio at the club picnic. Participant’s points were converted to “ticket numbers” and then we ran them thru the computer to pick a winner. Roy Rasband, KF4USN, had the winning number. Even though the drawing was random, I can’t think of a more deserving individual to win the field day radio drawing.

It was just announced that the RACES conference is scheduled for the 2<sup>nd</sup> weekend in November, so we won’t be having our regular club meeting that weekend, plan on attending the RACES conference instead. Watch the web site for more information.

Just a reminder - it is time to start thinking about and getting your homebrew projects lined up for everyone’s favorite meeting in December.

(Cont’d on Pg 4)

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## **Centerville Earthquake Exercise 9/28/13**

By John Gold, N7UPI

On Saturday September 28th, Centerville City is having an Earthquake Exercise. They have requested about 5-7 ham operators to man various locations during the exercise. The time frame is about 07:30 to 11:00. This is going to be a major exercise. You will be checking in through the VCC (Volunteer Coordination Center) the morning of the exercise.

If you can help, please email myself back.

Thanks,

John Gold - N7UPI

Cell 801-663-1414

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The September DCARC Club meeting will be held on **September 21st!!** This is because the Wasatch 100 Race will be held on the 14th, the normal club meeting day! Members of the club will be assisting the race, therefore, making the meeting date move to September 21! Read Alan’s column above... Ya’all, hear?

**Sold!!**

The old commo trailer has been sold, thanks to the hard work from Johnny Rauzi, K7ZZQ, and Roy Rasband, KF4USN. I gave Aaron Longmore a bill of sale, and the title of the trailer. I will deposit the money on Monday and record it in club books.

Gary Johnson, Club Treasurer  
801-558-3552

**Annual ARES/RACES Confab Date Set**

The annual **Utah ARES/RACES Conference** will be held on **Saturday, November 9th, 2013, 8:00 am to 4:00 pm.**

This will be held at the [Davis Conference Center 1651 North 700 West Layton](http://www.davisconferencecenter.com). This is same as last year's location.

You do need to pre-register for the conference. In order to do this you will need to utilize the [U-Train](http://www.utah.train.org) system which is found at <https://www.utah.train.org>.

Once at the website, the first thing you need to do is set up an account in [U-Train](http://www.utah.train.org) as a new user (if you have not already done so previously). Once your [U-Train](http://www.utah.train.org) account registration is completed you will then proceed to log in and then either do a course search for the keyword(s) ARES or RACES or on the right side of the home page key in the actual course number, which is 1011069 for the ARES/RACES Conference. Once you have the course listed on the screen, click on that to bring you to the registration/information page and click on the registration tab to register. The system will indicate that your request has been submitted and has to be approved. U-Train notifies the State Training Staff and they will acknowledge by email that you are signed up for the ARES/RACES Conference.

**Directions:**

Get off of I-15 onto Exit 331 UT 232/Hill Field Road. Going East on Hill Field Road, you will go by Layton Hills Mall. Shortly after the mall, you will turn left (north) on Heritage Park Blvd. The Conference Center will be on your left. You can also find a map on ---

[www.davisconferencecenter.com](http://www.davisconferencecenter.com).

Ben Affleck is the new Batman. And Miley Cyrus is apparently the new Lindsay Lohan. -- [Jay Leno](#)  
John Kerry said it's "undeniable" that the president of Syria is using weapons of mass destruction. Kerry said President Obama needs to build a coalition of countries

**2013 DCARC Organization**

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The DCARCommunicator is written, typeset and printed in the good ole' US of A by the Davis County Amateur Radio Club. The club is an affiliate of the American Radio Relay League (ARRL) and is incorporated in the State of Utah. The club meets on the second Saturday of each month, unless other circumstances dictate changes. The meetings are held at the Davis County Sheriff's Office, 800 W. State St., Farmington, UT. Dues are \$15 per year individual; \$20 per family; \$10 Senior Citizen over 65 years and Free for 105-year-old geezers... Dues may be mailed to the address above or be paid in person at the club meeting. Typesetting was accomplished by a troop of Trolls, plying their trade, but the current financial melt-down has also melted the Trolls down into lead ingots, after having been fired by the Editor for goofing off during their 2-hour work day.

and attack soon, no matter what others might say. Today former President George Bush said, "Hey, good luck with that. Let me know how it works out." -- [Jay Leno](#)

I think the scores for Olympic gymnastics are affected by what countries the judge and the gymnast are from. That's wrong. That type of political pandering isn't meant for gymnastic Olympic events. It's meant for the Supreme Court.

-- [Classic Craig Ferguson](#)

**September is National Preparedness Month!**

By Gary Davis, KE7MQF

As an ARES member, you have voluntarily registered yourself to provide communications and other services as needed, and have planned to be available in the event of a disaster.

Okay, so you filled out the ARES form 98-1 and turned it in. You got your fancy Identification Card. You checked into the Thursday evening ARES net a couple of times in the past year. So what else is there to do besides sit around and wait for a disaster to happen? Plenty! Lots!

There are several things that you can be doing right now as a Davis County ARES volunteer. And - what better time to get started than during the National Preparedness Month of September 2013?

As with any type of volunteer, the first thing you need to insure is that you and your family are personally prepared for a disaster! You, with your family need to review your Family Emergency Plan (FEP)? When was the last time all of you practiced the plan? Is the contact information in the plan current and correct for each member of your family? This is a good time to sit down and go through all of your 72-hour kits?

As a side note, are you aware that after reviewing several of the disasters around the world, The Powers That Be (TPTB), are now suggesting 96-hour kits? Being self-sufficient for 72 hours just isn't long enough given today's conditions. As if that isn't enough, you also need to be mentally prepared to help others during a disaster situation. And how about your vehicles? Are they ready for what will be expected of them?

If you've been delaying taking any (or all) of these steps, then now is the time to get them done. A volunteer that is personally prepared will be a HUGE asset to your self and your community when a disaster does strike. A volunteer that is not prepared, is normally called a victim.

While we are on the subject, now is a good time to complete your home safety audit. Check your home for any hazards that may have developed since your last audit. I know that with a toddler or teenager in the house, once a year just ain't often enough. Look for things like heavy, unsecured, objects on top shelves, unsecured items (Flat screen TVs, stereo, pictures, furniture, etc) that can fall over/off in an earthquake. Flammable items being stored inside the house. Blocked exhaust vents. Look for extension cords that are overloaded, frayed, or a trip hazard.

Verify that your Smoke/CO2 detectors on each level of your home are working, with new batteries (whether they need 'em or not). Update your home inventory list and verify that your current insurance is adequate. While you're at it, now also is the time to update your documents folder/file. Make sure that the updated copies of Important Documents are in a waterproof container: Personal/Family Address Book or List; Insurance Agent(s); Insurance Companies; Policies in known safe place; Check Books, Birth Certificates, Pass Ports, Visas, Mortgages, Loans, Ownership, Cash, other small valuables.

Now that your Home and family are safe, how is your ARES Grab-N-Go Kit?? Is it current and able to support you when you use it? (You can find a link to the Davis Co ARES suggested kit on our web page.) Does Your Kit have fresh batteries AND a way to recharge them? Where is your current FCC License? Will the clothes fit and are they weather appropriate? Are there any prescribed meds that should be rotated? And most important of all,,, You do know how to program that radio that is in the kit, right? Make sure you have the programming instructions/cable as part of your kit. And now would be a good time to actually read the programming instructions!

What if you are one of those rare, proactive volunteers that is always prepared? You can use this month to talk to family, friends and neighbors, and fellow Hams about being prepared? Consider helping families and seniors in your own neighborhood to be more prepared. Remember that a prepared community is a strong community in the event of a disaster. The more individuals that are ready for the worst, the better we will all be able to handle a disaster when it happens!

As always, be safe in whatever you are doing this month.

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So far China has won the most gold medals, ladies and gentlemen. The Chinese athletes can't wait to get home and show the medals off to the kids who made them. -- Classic Conan O'Brien

## The Sun is About to Flip

Scientists predict that the sun's magnetic field is about to flip, according to a NASA Science [article](#). The celestial event may mark the midpoint of the current solar cycle 24.

“It looks like we're no more than 3 to 4 months away from a complete field reversal,” the article quotes solar physicist Todd Hoeksema, the director of Stanford University's [Wilcox Solar Observatory](#). “This change will have ripple effects throughout the solar system.” As the article explains, the sun's magnetic field switches polarity approximately every 11 years at the peak of each solar cycle. The pending reversal means we're halfway through the current cycle.

Wilcox is one of the world's only observatories that monitor the sun's polar magnetic fields. NASA says that since 1976 magnetograms at Wilcox have recorded three “grand reversals” — with a fourth in the offing.

Solar physicist Phil Scherrer, also of Stanford, explains it this way: The sun's polar magnetic fields “weaken, go to zero, and then emerge again with the opposite polarity. This is a regular part of the solar cycle.” The effect of the change in the heliosphere are felt all the way out to the edges of interstellar space. The flip also affects cosmic rays, which pose a danger to astronauts and space probes, and, according to some researchers, may affect Earth's cloud cover and climate.

“The sun's north pole has already changed sign, while the south pole is racing to catch up,” says Scherrer. “Soon, however, both poles will be reversed, and the second half of solar max will be underway.”

### Twin Peaks

A ScienceCasts [video](#), “Solar Max Double Peaked,” linked from the article, quotes Dean Pesnell of the Goddard Space Flight Center as predicting a double peak to cycle 24. Pesnell was a member of NASA's Solar Cycle Prediction Panel, that gathered in 2006 and 2008, when solar activity was at a minimum.

Pesnell believes that cycle 24, which saw peak sunspot numbers in 2011 followed by a dip in 2012, could rebound later this year and into 2014 — possibly 2015. As the video points out, solar cycles are not as regular as we may have been led to believe, with lengths varying from 10 to 13 years, and solar maxima are not regular either. The Solar Cycle Prediction Panel had predicted cycle 24 to be a below average cycle, with a sunspot maximum of 90.

The last two solar cycles, with peaks around 1989 and 2001, respectively, each had two peaks, with the second “mini-cycle” lasting about 2 years each time. Pesnell believes history could be repeating itself.

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### Club Swap Meet (Cont'd)

The homebrew meeting is in December, when club members show off what they have built during the year. It's always fun to see what other people have built and maybe get some ideas for something you want to do. It's also a great time to meet others who might want to collaborate on a project with you, get some ideas for your next project etc. The upcoming swap meet is a great place to find that special item you've been looking for to finish that homebrew project.

As summer comes to an end, it's time to get your antenna projects completed and installed, if you are like me those projects seem to go take longer than expected, just a reminder to get them done before the cold weather hits, we don't want anyone getting hurt slipping on an icy roof or tower!! It sounds funny to say that now, but It won't be long.

It is recommended to winterize your antenna connections each year, or at least check them to make sure they can withstand the coming winter months. It's also a good time to check and or change out your batteries in your grab and go kits, etc.

Be safe and have fun with ham radio.

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President Obama said 1992's dream team was better than this year's Olympic basketball team. Which is interesting because a lot of people think 1992's president is better than this year's president.

--Classic Jimmy Fallon

## **MARS Members Complete “High-Pressure Test” of Messaging Capacity**

[Army MARS](#), with support from Air Force MARS members, underwent a high-pressure test of nationwide messaging capacity August 3-4, under the watchful eye of the Army’s chief of network communications. Major General Alan Lynn, commander of the Network Enterprise Technology Command ([NETCOM](#)), personally launched the six-hour drill, which measured performance of the volunteer radio operators under heavy traffic conditions. The exercise included relay of encrypted data between individual members in the 50 states and the headquarter station at Fort Huachuca, Arizona.

General Lynn, in a voice broadcast opening the test, termed the operation a “national crisis exercise.” The scenario called for breakdown of normal channels, including cell phones and the Internet, with MARS and other unspecified military assets replacing essential circuits. “Your support is critical to troop morale and critical to the nation,” Lynn told the participants. “Thank you for your service to the nation, you are a great joint capability.”

A formal assessment of the system’s performance will await after-action reports from state and regional directors, but Bob Mims, volunteer manager of the Army MARS National Net, noted “some black holes that had significant propagation problems that we need to address.”

The Military Auxiliary Radio System is a Department of Defense unit for specially-trained Amateur Radio operators who volunteer their skills and equipment to support government communications when normal channels are disrupted. Separate branches exist for the Army, Air Force and Navy-Marine Corps. — *Army MARS*

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## **FCC Sets Higher Vanity Call Sign Fee Than First Proposed**

A new FCC regulatory fee of \$16.10 to apply for an Amateur Radio vanity call sign will become effective sometime in mid-September, when the new fee schedule appears in the [Federal Register](#). (ARRL will report the exact date as soon as it becomes available.)

Earlier this year, the FCC had proposed upping the vanity call sign fee from its current \$15 to \$15.20. The vanity call sign fee has fluctuated over the 17 years of the current program — from high of \$50 when the program debuted in 1996 to a low of \$11.70 in 2007.

In a [Report and Order](#) in MD Docket 13-140, released August 12, the FCC ordered a broad schedule of new fees for all services and waived the usual 30-day waiting period following *Federal Register* publication, because there would not be time for new fees to become effective before the start of the new federal fiscal year on October 1, 2013. The FCC says it expects \$230,230 in revenue to cover the costs of administering the vanity call sign program. It anticipates 14,300 vanity call sign applications.

Applicants must pay the regulatory fee not only when applying for a new vanity call sign, but also when renewing a vanity call sign (those holding “heritage” vanity call signs issued prior to 1993 are exempt).

The [ARRL VEC](#) will process license renewals for vanity call sign holders for a modest fee. The service is available to ARRL members and nonmembers, although League members pay less.

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### **Late Night Funnies...**

Well, President Obama and first lady Michelle went to see the U.S. Olympic basketball team play Brazil the other day. And during the game, they were put on the kiss cam. At first, they didn’t kiss and the crowd booed them. Then the camera went back to them. And they finally did kiss. Isn’t that amazing? A politician in Washington caught on camera kissing a woman he’s actually married to? -- [Classic Jay Leno](#)

The state attorney general of New York is suing Donald Trump for \$40 million, claiming that Donald Trump University is not a real university. The state claims it’s not a real college because students get very little education and were unable to find jobs after they graduated. Sounds like a real college to me. -- [Jay Leno](#)

I guess the attorney general got suspicious it wasn’t a real college when Donald took the senior class on a field trip to try and find President Obama’s birth certificate. -- [Jay Leno](#)

TRS-80 POCKET COMPUTER PC-4



Get one while they last!! The NEWEST of the new - the TRS-80 PC4 Pocket Computer! There is such a demand, you may have to wait to get one - This machine - a “pocket - PC4” computer - was available in 1983!! - Each with a 12MB hard drive!

**147.04 Repeater Autopatch**

**Emergency Dispatch Center Access Numbers**

910 Clearfield Dispatch	525-2806
911 Davis County Dispatch	911
912 Bountiful - NON Emergency	298-6000
913 Davis Co. - NON Emergency	451-4150
914 Hill AFB Security	777-3056
915 Layton Dispatch	544-1241
916 Weber Co. (Ogden City PD)	629-8221
917 Weber Co. (Roy Dispatch)	629-8221
918 SL Co. UHP	887-3800
919 Weber & Morgan Co. Sheriff	629-8221

**NOTE:** It is NOT necessary to use the autopatch UP code to use these Emergency Autopatch Access numbers. Just tap in the 9xx code for the center you want to access. Also note that if the issue does not involve a threat to life or property, then you should use the NON Emergency dispatch number, if available.

*The 3 minute call timer limit also applies to these calls.*

**The Man’s Rules**

So it’s about time we laid down some rules. These are our rules! **Please note, these are all numbered “1” on purpose!** *(I’ve had to combine a few for space reasons -- Ed.)*

- 1. Men are NOT mind readers.
- 1. Learn to work the toilet seat. You’re a big girl. If it’s up, put it down. We need it up, you need it down. You don’t hear us complaining about you leaving it down.
- 1. Sunday sports, It’s like the full moon or the changing of the tides. Let it be.      1. Crying is blackmail.
- 1. Ask for what you want. Let us be clear on this one: Subtle hints do not work! Strong hints do not work! Obvious hints do not work! Just say it!
- 1. Yes or No are perfectly acceptable answers to almost every question.
- 1. If we ask what is wrong and you say “nothing,” We will act like nothing’s wrong. We know you are lying, but it is just not worth the hassle.
- 1. If you ask a question that you don’t want an answer to, expect an answer that you don’t want to hear.
- 1. When we have to go somewhere, absolutely anything you wear is fine... Really.
- 1. Anything we said 6 months ago is inadmissible in an argument. In fact, all comments become Null and void after 7 Days.
- 1. If you think you’re fat, you probably are. Don’t ask us.
- 1. If something we said can be interpreted two ways and one of the ways makes you sad or angry, we meant the other one
- 1. Come to us with a problem only if you want help solving it. That’s what we do. Sympathy is what your girlfriends are for.
- 1. You can either ask us to do something Or tell us how you want it done. Not both. And if you already know best how to do it, just do it yourself.
- 1. Whenever possible, please say whatever you have to say during commercials.
- 1. Christopher Columbus did NOT need directions and neither do we.
- 1. ALL men see in only 16 colors, like Windows default settings. Peach, for example, is a fruit, not A color. Pumpkin is also a fruit. We have no idea what mauve is.
- 1. If it itches, it will be scratched. We do that.
- 1. Don’t ask us what we’re thinking about unless you are prepared to discuss such topics as baseball, hockey or golf.
- 1. You have enough clothes.      1. You have too many shoes.      1. I am in shape. Round IS a shape!

*Note: If you couldn’t tell, this is a joke that parodies male stereotypes. It is not to be taken seriously. If you are a man and actually following these rules, you need to be dragged kicking and screaming into the 21st century!*