

# Mohave Amateur Radio Club January 2012 Newsletter



**K7MPR**

## Club Officers

President - Bill Smith - KD7MIA  
Vice-President - Kevin Walsh - KD7HVE  
Treasurer - Tammy Smith - KD7MIB  
Secretary - Austin McGovern - N2CAT  
Parliamentarian - Bob Weed - NX7A  
Technical Engineer-Matt Krick-K3MK  
Public Information-Lisa Walsh-KE7BKP

## Club Repeater Net

The club holds a weekly traffic and information net every Monday at 7:00 P.M. The frequency is 448.550 PL tone of 123.0 or 147.240 PL tone of 123.0.

Support Your Club And Check In!

## Club Meetings

The club meets on the first Tuesday of the month at KRMC .....look for an email from Bill to tell us where at KRMC!

All amateurs and visitors are welcome to attend.

For more information contact Bill Smith - KD7MIA at 928-303-9857 or by email at [bill1021@gmail.com](mailto:bill1021@gmail.com)

## Newsletter Articles Wanted

Working on a new kit or homebrew project? Have you recently received a rare or interesting QSL card? Send them in and I'll post them in the newsletter!

## News From Around The World

### CQ Introduces "Maker" Column - Matt Stultz,KB3TAN, Named Column Editor



(Hicksville, NY January 5, 2012) -- *CQ Amateur Radio* magazine will introduce a quarterly "Maker" column, Editor Rich Moseson, W2VU, announced today. It will be written by Matt Stultz, KB3TAN, and will appear in the March, June, September and December issues of the magazine.

The "maker" movement is a growing do-it-yourself (DIY) phenomenon among mostly younger, tech-savvy individuals who enjoy hands-on tinkering and experimenting with electronics, crafts and similar projects. Many "makers" are not familiar with amateur radio, even though hams have been "makers" since the dawn of radio. It is the goal of this column to help build and strengthen bridges between the ham radio and "maker" communities.

Matt Stultz, KB3TAN, is the founder of "HackPittsburgh," a "hackerspace" or community workshop for makers in Pittsburgh, Pennsylvania. He has been a ham since 2009 and has integrated amateur radio into many of HackPittsburgh's activities. He recently moved to Rhode Island to begin a new job as a web developer for Makerbot Industries, which manufactures kits for building your own 3-D printer to create customized parts for projects.

Stultz's first column, titled "We Are Makers," will appear in the March issue of *CQ*. It provides a general introduction to the maker/hacker community for hams, as well as a description of a high-altitude balloon project that brought the two groups together in Pittsburgh. The March issue of *CQ* will be available, in print and online, by the beginning of March. *CQ* is the only major amateur radio magazine available in both print and digital form.

## Pop'Comm Launches Monitoring Station Program



*Popular Communications* magazine has launched the Pop'Comm Monitoring Station Program, reminiscent of the *Popular Electronics* WPE program dating to 50 years ago. If you're interested in learning about the program and for information on how to join, obtain a station ID sign and a Certificate of Registration, visit, please [click here](#), or visit: <http://www.PopCommMonitors.blogspot.com/>.

## ARISSat-1 Stops Transmitting



The AMSAT News Service reports that the ARISSat-1/KEDR satellite has stopped transmitting and has likely re-entered Earth's atmosphere. The last full telemetry transmission reported to the ARISSatTLM website was posted at 06:02:14 UTC as the satellite passed over Japan. Temperatures were reported as rising as atmospheric drag increased. ARISSat-1 was hand-launched from the International Space Station on August 3, 2011, and had no propulsion system to remain in orbit. For more info, go to [www.amsat.org](http://www.amsat.org).

## RAST HQ Station Destroyed by Flooding



Last fall's massive flooding in Thailand, the country's worst in 60 years, counted among its victims HSOAC, the headquarters station of the Radio Amateur Society of Thailand (RAST). The station was underwater for nearly two months, according to well-known Thai contester Champ Muangamphun, E21EIC/KY1A. Additional photos of the devastation have been posted on the web at <<http://www.qsl.net/rast>>.

RAST is seeking help from hams around the world in rebuilding its headquarters station. If you have spare equipment available, contact Finn/OZ1HET at <[oz1het@yahoo.com](mailto:oz1het@yahoo.com)> or <[oz1het@gmail.com](mailto:oz1het@gmail.com)>. Monetary donations are also being accepted via PayPal. For details, contact <[donate@rast.co.th](mailto:donate@rast.co.th)>.

## APRS Weather Balloon Smashes Distance Record



An amateur radio weather balloon launched by a group of hams in California on December 11 flew across the United States and the Atlantic Ocean before landing in the Mediterranean Sea off the coast of Algeria three days later. The balloon was carrying a ham radio APRS (Automatic Packet Reporting System) transmitter and was tracked by amateurs in North America and Europe as it made its record-smashing 6,236-mile journey. The flight nearly doubled the previous distance record of 3,361 miles. For complete details on the flight and the story behind it, see the "VHF-Plus" column in the February 2012 issue of *CQ*.

## "End of Mission" for AO-51



As the 50th anniversary of the December 12, 1961 launch of OSCAR-1 approached in late November, controllers of AMSAT-OSCAR 51 announced that amateur satellite's "end of mission." AMSAT-NA Vice President of Operations Drew Glasbrenner, KO4MA, said, "It is with a heavy heart I report that AO-51 has ceased transmissions and is not responding to commands." AO-51 provided low-earth orbit satellite contacts for seven years before its batteries finally failed. The AMSAT News Service reports that the AO-51 command team will regularly attempt to communicate with the satellite over the coming months and years, in hopes that at least one of its batteries will come back to life.

## **Ham Doctor Uses Radio Gear to Build New Cancer Surgery Tool**

A surgeon at the University of Utah has used parts from a ham radio set to build a new tool for performing neurosurgical procedures. According to Southgate Amateur Radio News, Dr. Kim Manwaring, N7DFU, built the prototype in his basement, using parts from a ham rig and a tip made from a special alloy developed by a NASA engineer. The "FMwand" produces heat with no electricity and the special alloy heats and cools instantly, allowing the tool to be used for removing brain tumors or doing other neurosurgery that requires simultaneous cutting and cauterizing. Dr. Manwaring used the FMwand in three operations in December, including two spinal operations and one on a patient's brain. For more information, see <<http://bit.ly/ub5xn4>>.

## U.S. Presidents

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H A V	I G H N Y L O O H E M I R G J E D K T Q J E H G F
R	N H M N C H E S T E R A L A N A R T H U R A O Z Y A
I Q L	P J K D T X D V I N R U D L N O M O U E L E M R X D T
J A M	E S P O L K W E R I B B A I K S E M K Q Y A E G O E M
G Q S	F D Z G E Y I S R L E N Y A L K S L H Q S B S E C N A
J J S	I N A E V Z G O A C R A C M I C G L Y J S R B W J N I
I A D	L A C O E N H O H M T V N H N A A I E N E A U B A E L
M M D	X L H R S A T R N A H N I A P J R F L A S H C U M K L
M E R	N E A G O M E . I I O I U R I W F D N G S A H S E N I
Y S O	O V R E O U I D M L O T Q R E E I R I A G M A H S H W
C M F	S E Y W R R S N A L V R N I R R E A K E R L N J M O R
A A D	N L T A E T E I J I E A H S C D L L C R A I A O O J E
R D L	H C A S R Y N L N W R M O O E N D L M D N N N H N K L
T I A	O R Y H O R H K E O E N J N L A F I M L T C Z N R U Y
E S R	J E L I D R O N B Q Y N A Y U Z S M A A I O K A O I T
R O E	W V O N O A W A W A R R E N H A R D I N G L K D E V N
I N G	E O R G E H E R B E R T B U S H D L L O S N F A M Z H
C O T	R R U T H E R F O R D B H A Y E S J L R Q F Y M K P O
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A L Y	N D O N J O H N S O N I P A C R U M W Q
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Abraham Lincoln	Herbert Hoover	Ronald Reagan
Andrew Jackson	James Buchanan	Rutherford B Hayes
Andrew Johnson	James Garfield	Theodore Roosevelt
Benjamin Harrison	James Madison	Thomas Jefferson
Calvin Coolidge	James Monroe	Ulysses S Grant
Chester Alan Arthur	James Polk	Warren Harding
Dwight Eisenhower	Jimmy Carter	William Clinton
Franklin D. Roosevelt	John Adams	William Harrison
Franklin Pierce	John Kennedy	William McKinley
George Herbert Bush	John Quincy Adams	William Taft
George W Bush	John Tyler	Woodrow Wilson
George Washington	Lyndon Johnson	Zachary Taylor
Gerald Ford	Martin Van Buren	
Grover Cleveland	Millard Fillmore	
Harry Truman	Richard Nixon	

## Ham of the Month

Well, I let you all of easy last month but not this month.





## Welcome Wagon

Bob Sarnecki - NF7D - Extra

Welcome to the club Bob!!!!

## Upcoming Events

### Field Day

June 25 - 26, 2012

Fireman's Park

### Ham Fest

We are talking about moving this event to sometime in  
September and October.

Do you have any ideas?

Here are a couple of pictures from our last meeting!  
I wasn't going to include them in this newsletter until I was THREATENED!!!!  
LOL!



Tammy - our wonderful treasurer!



This one here is just because of all the Facebook pics  
Darryl is always posting!  
PAYBACK TIME!!!!

## Article II: Membership (PROPOSED CHANGE 2012-01-10)

Membership is open to anyone regardless of residence, whether licensed amateur radio operators or unlicensed individuals who are interested in amateur radio communications.

Individuals wishing to join shall be eligible for membership without regard for race, creed, sex, or disability. Membership shall be by application. Applications for membership may be submitted at regular meetings, mailed to the club address showing on the application, or given to a club officer for submission at the next meeting.

\*\*\*\*\*Proposed Change Follows: All applications received will first be published in the next club newsletter with the exception of an applicant's address, phone number, and e-mail address. This is to permit club members who do not attend meetings to have knowledge about possible new members and to give them a chance to voice their opinion, if any, about said applicant. After newsletter publication all applications will be presented to the club members in attendance at the next regular meeting and voted on via a "raise your hands vote" \*\*\*\*\*End Proposed Change. A simple majority of those voting will determine acceptance or rejection.

1. Full membership is open to all who hold a valid amateur radio license and includes all club privileges as well as rights to hold a club office and to vote for club officers or vote on any other club matter.
2. Associate membership is open to anyone interested in amateur radio who is not currently licensed in the Amateur Radio Service. Associate members are not eligible to hold office or vote for club officers.

Jan. 10, 2012

### Proposed By-Law Change Article VII: Meetings

Regular meetings shall be held on the first Tuesday of each calendar month at  
1900 hours

at the Kingman Regional Medical Center, 3269 Stockton Hill Road, Kingman, Arizona or at such a time and place as determined by the Board of Directors (Club Officers). If the permanent location changes this article shall be updated within 60 days of said change.

## Items for Sale or Trade

Kenwood TS-450SAT \$450  
Kenwood MC-80 microphone \$50  
Alinco Power Supply EP-2030 \$80  
Heathkit SB-1000 Linear Amplifier \$500

Interested parties should call me 814-464-3664.  
Dan - K3UFG

If you have an item for sale or trade that you would like to list here  
please email me at [ke7bkp@k7mpr.net](mailto:ke7bkp@k7mpr.net)

Be sure to include description, picture, price and contact info!

Do you know of a club member that needs some get well wishes?

How about someone with a birthday coming up and  
you'd like to announce it in the newsletter?

How about a special announcement?

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Do you have a cool photo (ham radio related) or some  
soap box comments to share with other club members?

Why not consider submitting an article for  
the Newsletter. We're always looking for material for  
the Newsletter and feedback from club members goes  
a long way towards keeping the Newsletter interesting  
as well as stamping the club "personality" on our  
monthly publication. Email me at [ke7bkp@k7mpr.net](mailto:ke7bkp@k7mpr.net)