
DeFOREST

AMATEUR RADIO CLUB - K8GE

PO Box 73 - West Union, OH 45693-0073

SERVING SOUTH CENTRAL OHIO SINCE 1974

APRIL 2002

EDITOR: WB8IOW - Jerry S. Paquette

<http://www.qsl.net/k8ge>

The President's Shack

Pat Ellis went to the County Engineer, Dave Hook and ask for permission for the De Forest Club to use the Kirker Covered Bridge for a bicentennial project. It was ok with him but he said that she would have to get an ok with the Commissioners. She made an appointment with the Commissioners and talked with them. John Cluxton called last night and gave her the ok. We will set up radios and operate a Special Event Station from the bridge. We will need as many operators as possible. We will operate on Saturday June 15,2002 approximately 10 to 5.

I called Marie KE4MZP to see if she had anymore information on Moving Vietnam Wall Project. She said that she would need as many as she could get. She said that this would be daytime work with buses and Police. The Project runs from May 4 - 10 with Saturday 4th. and Sunday 5th. the busiest days.

Marie is going to E-mail me the whole package. I can possibly have more information for this week's net. Jerry may have more information.

73 ED KE8FK

DeForest ARC Meeting

April 9, 2002

The April meeting of the DeForest ArC was called to order at 7:05 P.M. by our President, Ed Lock KE8FK. Barb Lock N8HIA made a motion to dispense with the reading of the minutes. Second by Pat Ellis KC8LVE. Minutes approved as printed in the newsletter.

Treasurer's Report: KC8LVE reported that the balance to-date is 1,931.41. There were no inflows during this month and total outflows of \$40.30. Dick Sauer W8ZFO made a motion to approve the Treasurer's report. Seconded by Barry Storer KB8OMG. Motion passed.

Vice President Report: Jerry Paquette WB8IOW stated Field Day is June 22nd and 23rd and will be held at the same place as last year. He announced some of the rule changes for 2003. It was decided that the club will operate 3 stations, 2 phone and 1 CW. KE8FK will set up a satellite station again this year. WB8IOW stated that the club lost 21 members this past year (two members, KB8QNR and KC8JXD became silent keys). He reported that most of those who did not rejoin were from out of the area and that the club did pick up 9 previous members. W8ZFO asked about an article he had mailed to WB8IOW for publication in the newsletter.

President's Report: Ed KE8FK mentioned the program that Jerry had for last month's meeting.

Ed discussed the moving Vietnam Veteran's Memorial Wall that will be in Maysville, Kentucky from May 5th through 10th - Maysville. Marie East KE4MZP. The times it will be open to the public will be from 10:00 - 5:00 and GMCARA will be needing Ham Operators from their club and clubs from surrounding areas to assist with communication.

Old Business: WB8IOW discussed the covered bridge special event scheduled for Saturday, June 15th. The DeForest Club will be participating along with other clubs in the state of Ohio. Our assigned callsign is W8S. WB8IOW passed around copies of QSL cards that we will send for those stations sending in requests with SASE. WB8IOW will print them and submit a receipt for the cost of the inkjet cartridge needed for printing. The event will be held at the Kirker covered bridge on State Route 136 between State Route 125 and 41. Operating times will be from 10:00 - 5:00 and the club will operate 2 meter as well as HF. KB8OMG may be able to operate CW at a time other than on the 15th and he will provide a log to WB8IOW for contacts made.

DEC Report: WB8IOW reported that Larry Rain WD8IHP, Ohio SEC is in the hospital with complications from diabetes. He is expected to be in hospital for about 30 days.

ARES - N8HIA stated that the NWS held a simulated tornado drill. She said Adams County participated in the Kentucky drill. There were 3 from KY and 2 from Adams County.

Jerry gave a brief review of the proposed by-law change that was brought up at the March meeting and published in the newsletter. Jerry made a motion that we accept the proposal. Barry seconded the motion. Motion passed. The new by law proposed was passed around for signatures of everyone present at the meeting.

Barry asked about what the club decided about donating books to the local libraries. It was stated that a move to put new books in the Adams County Libraries had been tabled.

Dick brought up the program the ARRL is proposing to introduce Amateur Radio to students. Possible classes were discussed for the summer, possibly in July. Dick W8ZFO will put article in paper talking about the formation of classes for the summer and encourage those interested to contact the club.

Kim will order ARRL promotional pamphlets to replace those loaned to another club. .

KC8LVE told those present that the Bicentennial Bell Casting will be done at Kinfolk's landing. She outlined the events that will take place on April 12th and 13th and encouraged all who could attend to be there.

Those present for the April meeting were: KE8FK, WB8IOW, N8YWX, KC8OLS, N8HIA, KC8LVE, KB8OMG, W8ZFO, KB8LKK. Meeting Adjourned at 8:15 P.M.

73, Kim N8YWX

**NEXT MEETING
TUESDAY - May 14, 2002**

ABCAP Senior Nutrition Center

**Next door to the Sundry Store on the
town square in West Union, Ohio**

7:00 PM

**Across from the steps of the Adams
County Courthouse**

**DeForest A.R.C. Birthdays
& SPECIAL EVENTS**

05-14 DeForest meeting 7:00 PM

05-17 W8RCB Richard C. Burnes

05-19 KC8LVE Patricia Ellis

**05-24 Melissa King KB8PPQ will marry
Luke Hurst**

05-25 KC8JZG Linda Larter

05-26 KK8J George H. Larter

05-26 KC8HZB Thomas O. James

06-04 WB8IOW Jerry S. Paquette

06-05 KC8CZB Polly Hayden

06-06 KB8TQU Dorothy H. Silman

06-10 WX8B Jim R. Newman

06-11 KB8UAO Kelly E. Boone

06-11 DeForest meeting 7:00 PM

06-17 Gladys R. Stultz

06-20 KB8TJT Wanda S. Mangus

06-21 KB8SRU Francis L. Cobb Jr.

06-23 KC8NHU Maxwell J. Moore

06-27 NS8I Paul Oldaker

AMATEUR RADIO SATELLITES

K8YMI BOB HALLEY

In late February, Frank Bauer, KA3HDO, announced that normal packet activity had resumed aboard the International Space Station. The ISS crew upgraded the old system with a new packet module sent to them on the STS-105 mission on Shuttle Discovery in September. The new module, with the call sign RSOISS, is using a specially developed ROM set with standard ISS defaults, a new battery and extended memory. The mailbox has been activated but ground stations are discouraged from using it just yet since there is no computer hooked up to it and the crew schedules are extremely busy just now. Packet frequencies remain the same: Uplink on 145.990 Mhz and downlink on 145.800 Mhz.

Shuttle Columbia was launched as STS-109 on Friday, March 1st with a crew of 7 to capture the Hubble Space Telescope and make some major repairs. There was a problem with the Shuttle cooling system but as of this time, they are going ahead with the 5 space walks planned. There is no amateur radio experiment planned for this trip. The HST is flying at an altitude of about 350 miles which is higher than the shuttle usually flies. The plan is to grasp the HST with the Arm, bring it into the bay and make the repairs there. Repairs include replacing the solar panels with smaller, more efficient ones, exchanging the faltering power control box, installing an advanced camera and improving the working of the X-Ray camera which has been dor-

mant for three years. The payoff in new data to be generated from the HST justifies the high cost of the whole project, but not everyone thinks so.

The Amateur Radio Club at the Goddard Space Center in Green Belt, Md. re-broadcasts live the communications between the Shuttle and Control Center.

On the HF bands, they use 3.860 Mhz, 7.185 Mhz, 14.295 Mhz, and 21.395 Mhz using the call letters WA3NAN. Depending on the time of day, you should be able to hear them on one of these frequencies. Sometimes, these broadcasts are re-broadcast on the Dayton 2 meter repeater at 145.11 Mhz.

Russian Ham Satellites, RS-12 and RS-13 are on the same platform and were launched in February 1991. Some frequency changes have been made recently and are as follows: RS-12 is now operating in Mode K which means an uplink of 21.210 to 21.250 Mhz with a downlink of 29.410 to 29.450 Mhz. The beacon is on 29.408. RS-13 was changed at the same time to Mode T which means an uplink of 21.260 to 21.300 Mhz and a downlink of 145.860 to 145.900 Mhz. The beacon is at 145.859 Mhz. These uplink frequencies are in the Extra and Advanced portion of the bands used by Americans so act accordingly.

In September, an Athena-1 was launched from the new Kodiak Island (Alaska) site carrying three small satellites built by students at the Naval Academy. The satellite originally known as PCSat now has the designation NAV-OSCAR 44 (NO-44) and the spacecraft known as Sapphire is now designated NAV-OSCAR 45 (NO-45) The third part of this launch, Starshine 3 has been quiet since January 9 and recovery seems uncertain at this time.

Currently, AMSAT-NA, is designing a high orbit (perhaps geostationary) satellite called Eagle. It will be two or three years before launch of this major project. In the meantime, serious consideration is being given to a Microsatellite, a much shorter time frame project, that will use much of the equipment that you already have in your station. Bristol University in England is asking for software design support for a nano-satellite to be hand launched during a future shuttle flight.

The specifics that are now known are on their web site www.handsat.co.uk Give a look and see if you can help.

Recently I heard former Astronaut Dr. Alan Bean speak about his experience of landing on the moon with Pete Conrad as part of Apollo 12. This humble man brought some personal pictures that he has painted from photos and memory. Some of his paintings were displayed at the Row House Gallery on Main Street in Milford, Ohio. His life should inspire all of us to chase the dreams that we have and believe that we can accomplish them. He did not mention it but he also spent two months in Skylab II with Astronaut Dr. Owen Garriott who later took Amateur Radio to the Shuttle program.

-73- K8YMI

NEWSLETTER SPONSORS

Each month in 2002 we will present an article about our newsletter sponsors. This month featured is the **Southern Ohio Driving School**, Peebles, Ohio.

Since 1995 the Lamberts have owned and operated the Southern Ohio Driving School. Lyle, KC8DDY, Jayne, KC8LUH and Karen KC8LIA all take part in the operation of the business.

When I spoke with Jane, who does the actual driving with the students, she told me she enjoys working with all age drivers but I get the feeling she likes the first time drivers the best. She enjoys working with the teens. At 15-1/2 years old the teen can get the driving packet and must take a state approved drivers training course. When a teenager applies for the packet they have to wait six months before they can apply to take the drivers test. Drivers eighteen and above can get the packet and soon after take the test.

The Southern Ohio Driving School has recently moved to a building near the NAPA auto parts store, in Peebles. The

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107 Walnut Street - West Union, Ohio

address is 25660 S.R. 41. Their phone numbers remain **(937) 587-3194 or (937) 587-3837**.

The Southern Ohio Driving School teaches first-time drivers - adult and students, and remedial for adults and students. When I asked Jayne if she teaches older drivers who might want to sharpen their driving skills she told me she hasn't up to now but might like to try that, maybe working with AAA.

Jerry WB8IOW

WHY AN AMATEUR RADIO OPERATOR IS CALLED A "HAM"

Have you ever wondered why we radio amateurs are called "Hams?" Well it goes like this - the word Ham was applied in 1908 and was the call letters of one of the first amateur wireless stations operated by some members of the Harvard Radio Club. They were Albert S. Hyman, Bob Almy, and Peggy Murray. At first, they called their station Hyman - Almy - Murray. Tapping out such a long name in code soon called for a revision and they changed it to HY-AL-MU, using the first two letters of each name.

Early in 1909, some confusion resulted between signals from amateur wireless HYALMU and a Mexican ship named HYALMO, so they decided to use only the first letter of each name and the call became HAM.

In the early pioneering unregulated days of radio, amateur operators picked their own frequency and call letters. Then as now, some amateurs had better signals than some commercial stations. The resulting interference finally came to the attention of congressional committees in Washington and they gave much time to proposed legislation to critically limit amateur radio.

In 1911, Albert Hyman chose the controversial Wireless Regulation Bill as the topic for his thesis at Harvard. His instructor insisted that a copy be sent to Senator David I. Walsh, a member of one of the committees hearing the bill. The Senator

was so impressed, he sent for Hyman to appear before the committee. He was put on the stand and described how the little amateur station was built and he almost cried when he told the crowded committee room that if the bill went through, they would have to close up the station because they could not afford the license fees and all the other requirements which were set up in the bill.

The debate started and the little station HAM became a symbol of all the little amateur stations in the country, crying out to be saved from menace and greed of the big commercial stations who didn't want them around. Finally, the bill got to the floor of Congress and every speaker talked about the poor little station "HAM."

That's how it all started. You will find the whole story in the Congressional Record. Nationwide publicity associated station HAM with amateurs. From that day to this and probably to the end of time, in radio, an amateur is a HAM. Reprinted from Mike and Key, and Florida Skip. Made available on the Internet through the Northern Ohio Amateur Radio Society.

Amateur Radio isn't just talking - Amateur Radio isn't just Morse code - Amateur Radio is a fun learning curve where you can set the pace - and it is a family oriented hobby - where the toys can be built at home - with or without help from friends. Communicate across your hometown, into the next county or state - another country and other continents - Amateur Radio is so much fun words can't describe it all. Yes, you can connect your computer to it and aim towards a satellite or the moon, or use FM packet for local contact, or contact an Astronaut inside a space ship. Amateur Radio is just as much tinkering now as it was 90 years ago.

**Thanks to W8ZFO
for providing
this article**

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AZZ CARDFILE

AZZ Cardfile is a computer program that is as simple to use as a paper cardfile. You start with blank cards. You have empty "paper" sheets when you start a new card. Written by Antanas Zdrumys LY1DL, an Amateur Radio operator in Lithuania. Use for address books, recipes, poems, hobbies, crafts, etc. Home: <http://www2.omnitel.net/zdrumys/azccardfile/index.htm>

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Southern Ohio Emergency Frequency List

<http://www.bright.net/~jags>

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