

# DeFOREST

AMATEUR RADIO CLUB - K8GE

PO Box 73 - West Union, OH 45693-0073

SERVING SOUTH CENTRAL OHIO SINCE 1974

JUNE 2002

EDITOR: WB8IOW - Jerry S. Paquette

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

## Death Announcements

Mnenetha Sparks Lorenz 85, died in West Union on June 4th. She was the mother of Ridney Lorenz N8XGP and grandmother of Tony Kimmerly N8XGM.

Ronald E. Spires of Rome, Ohio died June 9th. He was the stepfather of Barry Storer, KB8OMG.

May they rest in peace.

## The President's Shack

Well it looks like we end June with Field Day. I want to thank everyone that participated. We were a little short of operators but we made a go of it. Barry, George, and Kim kept the CW Station going, while my self, Barb, Pat, Kile, Linda, Kim and Jerry kept the phone station going. Jerry kept the computers straight. I picked up a few satellites but I was not able to break the pile ups for a contact.

Next we have the 4th. of July Lions Club Parade in down town West Union. Then comes the Marine Race on August 17th.

Next comes the Bicentennial Special Event at Adams Lake on August 18th. I also want to thank everyone that made and brought all that good food for the

Saturday evening picnic. All in all Field Day turned out pretty good.

I hope to see everyone that can make it to the next meeting. We have an audio tape, that was furnished by Dick Burns, to play at the next meeting.

It is an interview with the man who helped setup and drop the A-Bomb.

Jerry may have more on Field Day.

Until the next meeting, on July 9th.

73 Ed KE8FK

**NEXT MEETING  
TUESDAY - July 9, 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

07-01 KB8QOZ Stephanie Groves

07-01 WA8YI Q Earl Paquette

07-03 KB8YEX James Harmon

**07-04 JULY 4<sup>th</sup> PARADE**

07-09 KB8VLF JD Rosselot

**07-09 DeForest meeting 7:00 PM**

07-12 KB8VBH Deanna Rosselot

07-15 KB8PVY Gerald Silman Sr.

07-16 KB8QMV Karen Groves

07-23 KA8EKC Richard Newbauer

07-31 KC8CXO Ray Music

08-08 KB8QNS Ethel King

08-10 KB8QNP Richard Stultz

08-11 W8YGW Gordon Neal

08-12 KA8VEA Kathy Hoop

08-13 DeForest meeting 7:00 PM

**08-17 MARINE RACE**

08-18 KC8LUH Jayne Lambert

08-21 WD8JCD Don Silcott

08-24 AA8IQ Betty P.

Merrill

08-29 N8VGQ Mary Kempfues

**08-18 BICENTENNIAL SP. EVENT**

**AMATEUR RADIO SATELLITES  
K8YMI BOB HALLEY**

The Dayton HamVention this year was the most enjoyable ever.....for me. The Forum presentations were excellent and seemed more in focus. I attended Forums for AMSAT, TAPR/Digital, PSK-31, VHF/UHF Microwave and parts of those for ARES, Antenna Technology and SSTV. I spent some time at the AMSAT booth on Friday morning and Saturday afternoon with the real leaders of the Amateur Space program and talked with many Hams who came to the booth with questions.

The AMSAT forum was hosted by Robin Haighton, VE3FRH, the current President of AMSAT-NA. Robin and Rick Hamby, W2GPS then discussed the Oscar Echo micro satellite being built and included some discussion about the longer range project for the satellite Eagle. Ed Krome, W9EK, made an excellent presentation on a

practical approach to an AO-40 station using some commercial and some modified surplus gear.

Two guests, Dr. Owen Garriott, W5LFL, and Dr. Tony England, W0ORE, both former Astronauts, were interviewed by Frank Bauer KA3HDO who is very well known in the International Space Station Amateur Radio program. You may remember that Owen Garriott was the first Astronaut to use Ham gear in space and Tony England was the first to send and receive TV pictures from the shuttle....he used ATV even before NASA used TV down and up. Tony and Owen were jointly awarded the Special Achievement Award at the HamVention banquet for pioneering amateur radio in space. Sitting next to me at the forum was N2WW, Larry, who also had a Russian call on his badge. I later learned that he is the one considered responsible to getting Ham Radio on board the Russian space station MIR. In the chair on the other side of me was Steve Ford, WB8IMY, the editor of QST. Visiting with Hams with these credentials develops a lot of confidence about the future of Ham Radio.

The speaker at the Friday night AMSAT dinner was Bob Bruninga, WB4APR, (you've heard of APRS) who talked of what Hams "should do next". Bob is a very challenging speaker and some of his ideas had my head swimming. Next to me at the dinner table was Howard Long, G6LVB, who made a parking lot demo contact on AO-40 on Saturday morning using a portable station and antennas that he brought from his home in London.

One of the speakers at the VHF/UHF was Joe Taylor, W1JT, who has written some new EME software. I've known of Joe before this forum but just learned that he shared a Nobel Prize in Physics in 1993 for earlier work on Quasars. John Ackerman, N8UR, President of TAPR told of their newest project. The list of competent speakers goes on and on. What a great opportunity

to meet some of these "doers".

At the AMSAT booth was a model of one of the first Microsats (launched in 1991) a model of PCsat built by the cadets in Annapolis and an early model of the Echo satellite recently begun by AMSAT. Talking with some of the designers and builders of these "birds" was a great experience.

STS-111 Endeavor was to have launched on Thursday 30 to take additional equipment to the ISS. Threatening weather at Cape Canaveral postponed the launch...the latest report for a favorable time is for Tuesday, June 4th. This Shuttle will deliver the Expedition Five crew and carry Crew Four home, who have been there since early December.

AMSAT France did launch the two battery powered Amateur Radio picosats early in May. They are attached to the third stage of an Ariane 4 rocket with an orbit 800 km high. Listen for them using voice and also BPSK telemetry on 145.840 mhz and 435.270 mhz. F6AGR, President of AMSAT France announced that a QSL card is available for reception reports. I have the address for the card to be sent.

SpaceDaily, a space news reporter recently stated "Space may seem empty, beautiful and boundless but the immediate neighborhood of our planet is quickly resembling an ugly junkyard with more than 100,000 objects in orbit, of which only 600-700 are operational satellites.

On Monday May 27, at about 10 PM EDT, my wife Louise and I saw a six minute pass of the International Space Station from Southwest to Northeast at nearly 70 degrees above the horizon.

ANS reported that Rocco, IK8XLD, has updated his website which contains information about satellites, EME, ISS ATV, and homebrew equipment. Check out his website at <http://www.qsl.net/ik8xld>.

-73- K8YMI

## NEWSLETTER SPONSORS

By Jerry S. Paquette – WB8IOW

This month's article will not be available due to the late newsletter.

**Jerry WB8IOW**

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### DARC MEETING JUNE 11, 2002

Jerry Paquette WB8IOW, Vice President of the DeForest ARC called the meeting to order at 7:00 P.M. and led the Pledge of Allegiance. In the interest of the democratic process and in no small part due to the fact that the air conditioner was not working properly, WB8IOW took a poll as to whether those present wished to have a short meeting or a long meeting. A short meeting it was to be.

#### SECRETARY'S REPORT:

Barb Lock N8HIA motioned that the Secretary dispense with reading of the minutes and the motion was seconded by Pat Ellis KC8LVE. Kim Paquette N8YWX motioned the reading of the Secretary's minutes be dispensed with at all meetings since it is published in the newsletter. The only exception would be if someone has a question or a correction. Dick Sauer W8ZFO seconded the motion. Motion carried.

#### TREASURER'S REPORT:

Pat KC8LVE announced that bills paid this month were routine bills for Verizon and for mailing of the newsletter. In addition, she paid the Club insurance that was due. Treasury balance as of 6/11/02 is \$1,611.64.

WB8IOW passed around the booklet citizen's preparedness guide and discussed President Bush's Novem-

ber 2001 announcement of the Freedom Corps. WB8IOW Cited the website address for further information

<http://www.citizencorps.gov/> and an 800 number (1-800-927-7383 or 1-800 WE PREVENT.

WB8IOW handed out printed information titled "What to Expect" that listed helpful information about procedures following an earthquake. Jerry pointed out that this information was produced in California following an earthquake, but that Hams may find some of the tips applicable to other situations as well.

WB8IOW mentioned the missionary who was murdered as seen in the news this week was a Ham operator. His call was KCODNB. His wife was saved.

## EVENTS

### June 15<sup>th</sup>

- Kid's day. WB8IOW gave an explanation of the purpose of Kid's Day. Since this will coincide with our special event, Jerry advised that we may be worked more than once by some stations giving each child an opportunity at the mike.
- Covered Bridge Special Event. We will be having the covered bridge special event this Saturday from 10-5 at the Kirker Covered Bridge. KC8LVE will see if the commissioners could have the area around the bridge mowed before the event. She will also check to see if she has any historical information on the bridge. Jerry will see what he has. Anyone with historical information about the Kirker

Bridge is asked to get it to us before the event.

### June 22<sup>nd</sup>-23<sup>rd</sup>

- Field Day. Set up will begin in the morning. We will begin operating at 2 P.M. Saturday and end at 2:00 P.M. Sunday. All are encouraged and are welcome to operate. There will be a picnic/covered dish at 5:30 on Saturday. Bring food if you want. Otherwise, just bring yourself. Operating 3A as we were last year. WB8IOW pointed out that we can set up Friday any time after 2:00 P.M. Barry Storer KB8OMG asked if we needed help preparing the site? WB8IOW stated that we just needed to finish mowing, but anyone was welcome to come help set up antennas and tents. The canopy tent will be set up again this year for the CW station. W8ZFO will take care of the newspaper article.

### July 4<sup>th</sup>

- Lion's parade - gather at the Wayside Inn at 9:00. We will plan to be there a little before that. Dale Marshall has asked us to help pace the parade by having a ham ride in the head vehicle.

### August 17<sup>th</sup>

- Marine Race. Meet at West Union Elementary School. N8HIA stated we usually meet around 7:30. Listen on the weekly nets for last minute details.

### August 18<sup>th</sup>

- Ohio Bicentennial Special Event will again be held at Adams Lake.

Net Controls are needed for August and October. Why not give it a try? Even if you can only do it for a week or two, it is easy, fun, and is good

training in the event you might be needed in an emergency situation.

N8HIA shared information about Stephanie Groves KB8QOZ. Stephanie is going into the Army and will be taking language training in Monterey, California. Her training will be for 1 year and she will be advised if she will be assigned to Morse code or cryptography.

WB8IOW talked about hams working Saturn station. He pointed out that the Salvation Army is using the Saturn Network and that hams are providing health and welfare (H & W) information through this system when possible. A few useful websites were listed on the meeting agenda. A person could get on this website and provide information (last known address, phone, etc.) on a H & W information request form that may help locate someone in a disaster area.

KB8OMG made a motion to adjourn and the motion was seconded by Lyle Lambert KC8DDY. Motion passed and meeting was adjourned at 7:38 P.M.

Those present for the June meeting were: KB8AMX, KB8OMG, KC8LIC, KC8DDY, KC8LVE, N8HIA, KC8OLS, W8ZFO, KB8UAO, WB8IOW, AND N8YWX.

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### Field Day

228 CW contacts, 260 SSB contacts, 810 bonus points earned made the final score 2242. The club entry will be mailed July 1, 2002.

**WHITE HOUSE GREETES AMATEUR RADIO OPERATORS**

President George W. Bush has sent his greetings to all Amateur Radio operators, acknowledging their role in emergency communications and in generating international goodwill. The White House letter came as hams in the US marked Amateur Radio Week June 17-23 and got ready to participate in ARRL Field Day--an emergency preparedness exercise.

"I salute amateur radio operators for your work on behalf of public safety officials," the President said. "I also commend your interest in communicating with persons in other parts of the world and learning about other cultures and countries. Your involvement builds understanding and goodwill around the globe."

For the first time, Field Day will be open to participation by amateurs throughout the Americas and the Caribbean.

The President's letter acknowledged ham radio's "important role in emergency communications, assisting law enforcement personnel and other emergency services as they carry out their responsibilities."

ARRL President Jim Haynie, W5JBP, expressed his delight at the presidential communication. "I'm extremely pleased that the president has decided to recognize the accomplishments of Amateur Radio operators throughout America," he said. "Amateur Radio is a real asset to America, and even more so after September 11."

President Bush said First Lady Laura Bush "joins me in sending our best wishes."

Governors in several states have issued proclamations

designating Amateur Radio Week or Amateur Radio Month.

**FLORIDA MAN CONVICTED OF DELIBERATE INTERFERENCE, UNLICENSED OPERATION**

A Florida CBER accused of jamming Amateur Radio operations and transmitting without a license was convicted in federal court June 19 on eight misdemeanor counts. Willam Flippo of Jupiter was found guilty of four counts of operating without a license and four counts of deliberate and malicious interference. The jury deliberated about 30 minutes.

Federal District Court Judge Daniel T.K. Hurley noted that, while the charges were misdemeanors, it was important that the amateur airwaves be free of interference in the event of an emergency. He ordered that Flippo, 60, remain in custody and undergo a psychiatric evaluation prior to sentencing.

The prosecutor in the case, Neil Karabdil, credited members of the Amateur Radio community with bringing Flippo to justice. The list included 1999 ARRL International Humanitarian Award winner Ed Petzolt, K1LNC, who helped the FCC gather evidence in the case; Bert Morschi, AG4BV; Palm Beach County Emergency Coordinator Dave Messinger, N4QPM; and Chuck Mulligan, N4SDW.

"This is a very good day for Amateur Radio, and a very good day for justice," Petzolt said following the trial. "Let the word go out that we will not tolerate this sort of thing on our frequencies, and you will be caught." Petzolt cited local amateurs and the efforts of the FCC, including Special Counsel for Enforcement Riley Hollingsworth "and everyone else who kept the faith," for helping to bring the case to a successful conclusion.

"Never give up and never surrender," Petzolt advised

those facing similar malicious interference situations. "If you do, they win."

According to Petzolt, who testified in the trial, Flippo primarily had targeted the Jupiter Tequesta Repeater Group for jamming and regularly interfered with amateur operations, especially on 10 and 2 meters, over an approximately three-year period. Following up on the amateurs' complaints, personnel from the FCC's Tampa District Office visited the Jupiter area at least twice in 1999 and reported tracking the offending signals to Flippo's residence.

Known as "Rabbit Ears" within the CB community, Flippo was arrested by federal authorities in July 2000. He already faces a \$20,000 fine levied in 1999 for unlicensed operation, willful and malicious interference to Amateur Radio communications, and failure to let the FCC inspect his radio equipment.

The six-and-a-half-day trial was anything but routine. A day after attempting to fire his court-appointed attorney, Robert Adler—who countered that Flippo was trying to undermine his own trial--Flippo, then still free on \$100,000 bond, drove himself to the hospital June 13 claiming he'd suffered a stroke. He was released the following day. Hurley recessed the trial but took the unusual step of revoking Flippo's bond June 17 after a physician told the judge that medical tests determined that Flippo had not had a stroke.

Hurley said he was concerned that Flippo might not return to court for his sentencing hearing and ordered him returned to jail. Flippo reportedly hung his head after the jury returned a guilty verdict on

the second count. He had no comment for a reporter as he was led back to jail.

Sentencing could take place in about a month. According to the FCC, Flippo faces a maximum penalty of eight years in prison--one year on each count.

He also could be fined up to \$80,000.

#### **FCC INVITES PUBLIC COMMENTS ON NEW AMATEUR BAND PROPOSALS**

Public comments on FCC proposals to create two new amateur bands and to upgrade an Amateur Service allocation at 2.4 GHz to primary are due July 29, and reply comments are due by August 12. In response to an ARRL petition, the FCC last month released a Notice of Proposed Rule Making (ET Docket 02-98) that proposed to create a new 5-MHz HF allocation and a new low-frequency band in the vicinity of 136 kHz in addition to elevating amateurs from secondary to primary at 2400 to 2402 MHz.

The FCC adopted the NPRM May 2 on a unanimous vote. The NPRM was published June 14 in The Federal Register. A copy of the petition is available on the ARRL Web site <http://www.arrl.org/announcement/regulatory/et02-98/>. Interested parties may file comments via the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/e-file/ecfs.html>. To view filed comments, click on "Search for Filed Comments;" to file a comment, click on "Submit a filing." In either case, enter "02-98" in the "Proceeding" field. More than 130 parties--most of them individual amateurs--already have filed comments.

If the proposals eventually are approved, amateurs

would gain a new, secondary, domestic (US-only) HF allocation at 5.25 to 5.40 MHz and a new LF "sliver band" at 135.7 to 137.8 kHz.

The FCC has recommended permitting amateurs to operate at full legal limit on a new 5-MHz allocation, but it left open for further discussion whether to restrict band access to certain license classes. The FCC also has invited further comment on whether the band should be broken down into mode-specific subbands.

On 136 kHz, the FCC has proposed limiting output to 1 W effective isotropic radiated power (EIRP)--or 100 W PEP maximum transmitter output--and with a transmission bandwidth of only 100 Hz. The ARRL had asked for 2 W EIRP and a maximum transmitter power of 200 W PEP. The FCC has asked whether its proposed power limits are appropriate. The FCC proposed to limit access to the band to General and higher-class licensees.

#### **ARRL TO OFFER SATELLITE COMMUNICATIONS COURSE**

The ARRL Certification and Continuing Education Program has announced its newest on-line course--Satellite Communications (EC-007). Registration for the new course opens Monday, June 24. This is the sixth course in a growing list of continuing education offerings from ARRL.

QST Editor and satellite enthusiast Steve Ford, WB8IMY, developed the curriculum. The course contains material from Ford's articles, as well as new material. Resources were also provided by AMSAT-NA. Ford has written many QST articles on amateur satellites and is the author of ARRL's HF Digital Handbook.

"Steve's extensive knowledge of satellites as well as other digital communications has proven invaluable. This is his second course for C-

CE," said ARRL Certification and Continuing Education Program Coordinator Dan Miller, K3UFG.

The ARRL Satellite Course is intended for amateurs who have never operated satellites before. The course opens with a review of amateur satellite history. Students will move on to a study of satellite tracking, orbiting relay stations, FM repeater satellites and the International Space Station. It continues with lessons and exercises on FM satellites, the Fuji Sats, AMSAT-OSCAR 40 setup and operation. The final lessons cover store-and-forward digital satellites, APRS and future satellites.

Registration for the first on-line class opens Monday, June 24, at 4 PM EDT. There's a 50-seat class limit for July classes. As with most of the other ARRL on-line classes, students will have up to eight weeks to complete the course.

Tuition for Satellite Communications (EC-007) is \$65 for ARRL members and \$95 for nonmembers. More course information is available at the C-CE Course Listing Page <http://www.arrl.org/cce/courses.html>. Details about the ARRL Certification and Continuing Education Program are on the ARRL Certification and Continuing Education Web page <http://www.arrl.org/cce/>.

Thanks to the American Radio Relay League and the ARRL letter for all the articles on pages 4 and 5 of this newsletter. The ARRL Letter offers a weekly e-mail digest of essential news of interest to active amateurs. The ARRL Letter strives to be timely, accurate, concise, and readable. Visit ARRLWeb at <http://www.arrl.org>

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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 Zdramys LY1DL, an Amateur Radio operator in Lithuania. Use for address books, recipes, poems, hobbies, crafts, etc. Home: <http://www2.omnitel.net/zdramys/azzcardfile/index.htm>

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