Alliance Amateur Radio Club

AARC Zero Beat

Volume XVI, no 7 Http://www.qsl.net/w8lky/ July 2002

Serving the Tri-County area since 1986

At the June meeting,
Bud, K8DHD speaks on the subject of traffic handling.

ARRL Outgoing QSL Service tops one million cards for 2002

ARRL Outgoing QSL Service Manager Martin Cook, N1FOC, reports that, as of June 14, the bureau had mailed 1,016,100 cards to various incoming QSL bureaus in other countries. Cook says the number represents an increase of 89,700 cards over the date one year ago.

(TNX ARRL Letter, Vol 21, No 25, Rick Lindquist, N1RL, ed)

Fair Time

This year, we will again have a booth
at the Mile Branch Grange Fair, June 25-27

Ye Olde Meeting Announcement

The next meeting of the Alliance ARC will be on Wednesday, July 10'th in the cafeteria of the Alliance Community Hospital. This month, we'll be making plans for our display at the Mile Branch Grange Fair. Our meetings begin at 7:30 PM, and are an excellent opportunity for eyeball QSO's. Directions can be found on the K8LTG Repeater (145.370)
See you there!

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(see above)

Editorial

By John, KD8MQ

Well, Field Day 2002 is in the history books. As I write this, the sun has just gone down, and things are finally starting to cool off. I wasn't able to get out to Field Day this year; just too many other commitments lately. Luckily, not everyone had conflicts with Field Day. From what I saw when I stopped out at the site, we had four stations on the air. Of course, they weren't all on the air at the same time, but when does anything run smoothly at Field Day? I thinks there's a rule that if Mr. Murphy does not pay us a visit, our entry is disqualified.

The next couple of months look like busy ones for the club. The Mile Branch Grange Fair is coming up on July 25-27, and the Carnation Triathlon will be coming up on August 18th. Yes, I know, that is the same day as the Warren Hamfest.

What kind of editor would I be, if I didn't acknowledge that Gladys, KB8GIA upgraded to General. **Way-ta-go, Gladys!**

Thanks to everyone who helped with this months newsletter. Your help is appreciated.

Not much else to report, so I guess that'll do it for now. See you at the next meeting.

73 de KD8MQ

Meetings

The Alliance Amateur Radio Club meets on the First Wednesday of every month, in the cafeteria of the Alliance Community Hospital. Talk-in is on 145.37 ®. Meetings begin at 7:30 PM. Visitors are always welcome.

Nets

Thursday is our "net night," with the following nets on tap:

Ten meters
CW @ 8PM on 28.400 MHz
SSB @ 8:30PM on 28.400 MHz

2 meters
9 PM on 145.37 MHz

440 MHz
10 PM on 442.350(+) MHz

Internet

www.qsl.net/w8lky

E-mail: W8lky@qsl.net

Newsletter Information

The Zero Beat is a publication of the Alliance Amateur Radio Club, P.O. Box 3344, Alliance, OH 44601

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You can submit material for the Zero Beat to kd8mq@arrl.net, or to my mail address at left.

June Minutes

The regular meeting of the Alliance Amateur Radio Club was held at the Alliance Community Hospital on June 5, 2002, at 7:30 P. M., with Robert Steele K8RLS, president, presiding. Secretary David Glass W8UKQ kept the minutes. There were 24 members and two guests present. The pledge of allegiance was given, and introductions were made.

- The minutes of the last meeting were published in the newsletter. The report will stand as published.

- Mary Ann KB8IVS reported the treasury balances. The report was approved upon motion by Don K8OMO, seconded by Jerry K8CAT.

Old business:

- President Bob K8RLS reported that he advised the FCC about the CB broadcasting situation. The FCC asked for tapes. He will look into that matter.
- The Simulated Emergency Test will be a paper work session.
- Jerry KG8RN reported that the confirmation for the Mile Branch Grange Fair has been sent. There will be discussion at the next meeting. The fair is July 25, 26, 27.
- Don K8OMO reported that the address for W8LKY has been changed to his address with the FCC.
- Field Day: A porta-potty will be ordered. Some equipment was listed to be made available. Jim K8LTG moved that the generator owners be reimbursed for the gas that is used. Seconded by David N8NLZ, and approved.
- John KD8MQ reported about T-shirts: 12 Tees are $9.00 each with one color, logo, name. 12 golf shirts are $17.00 each one color.

New business:

- Congratulations to Gladys KB8GIA for becoming a new general class licensee.
- Don K8OMO moved that the next meeting be held on Wednesday, July 10. Seconded by Jim K8LTG, and approved. It was noted that there will not be any nets on Thursday, July 4.
- It was announced that the Triathlon will be August 18. (This was corrected from the 11th after the meeting.)
- Don K8OMO presented a certificate to Jerry K8CAT for placing in third place in the Breeze Shooters contest in Zone 4 on March 23.
- Scott K8DX and friends are challenging the Alliance, Canton, and Massillon clubs in the Field Day contest. They will be class 3D. Their exercise is to shake down their station to get ready for other DX contests.
- Bob K8RLS introduced Bud Moser K8DHD who gave an interesting and informative presentation about handling messages. He discussed the many nets that move traffic. He described how to fill in a message blank with the proper information.

A visitor was Mike Wagner KC8PRH. He is living in Alliance and attending Akron University where he is president of the Akron University Radio Club.

The 50-50 drawing was won by Don K8OMO.

A repeater directory was won by Ray K8DEN.

Thank you again to Gladys KB8GIA for bringing cookies.

The meeting adjourned at 9:04 P. M.

Respectfully submitted, Dave Glass W8UKQ, Secretary

President greets ham 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.

(TNX ARRL Letter, Vol 21, No 25, Rick Lindquist, N1RL, ed)

AMSAT OSCAR 7 returns from the dead

After being declared dead more than 20 years ago, the AMSAT-OSCAR 7 satellite suddenly came back to life this month. First heard June 21 by Pat Gowan, G3IOR, AO-7 subsequently has been monitored--and used again--by several other amateurs. AO-7 was launched November 15, 1974. It remained operational for more than six years before succumbing to battery failure in 1981.

"I'm blown away," was the reaction of AO-7 Project Manager Jan King, W3GEY. "So, this old war horse of a spacecraft seems to have come back from the dead if only for a few moments."

Exclaimed satellite enthusiast and AMSAT Vice President for User Services Bruce Paige, KK5DO, "This is really awesome!" Paige said the latest turn of events makes AO-7 the oldest amateur satellite that's still working. AMSAT-NA has now listed AO-7 as "semi-operational."

AMSAT says it seems certain the satellite is running only off its solar panels, not from the onboard batteries, so it will be operational only while it's in sunlight. King speculates that the batteries, which shorted as they failed two decades ago, now are "unshorting" and causing the satellite to come back to life.

For those attempting to use AO-7, Mode A (2 meters up/10 meters down) is not a problem, but Mode B (70 cm up/2 meters down) is. Because of changes in the international Radio Regulations that went into effect in the 1970s as AO-7 was under construction, the 432.1 MHz uplink frequency is no longer authorized for space communications.

AMSAT advises potential users that when uplinking to a satellite, they are operating in the Amateur-Satellite Service. AMSAT says uplinking to AO-7

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Picture Pages

Picture Pages

that old sign truck is here again??? (still! Maybe this year we can get it to start! - KD8MQ)

Just heard we beat them ten meter boys YIPPIEE"

."WHEW" Getting pretty tuff on 40 gotta "Shake It Off" every so often"

Jerry, K8CAT and his 3rd place win in the Breezeshooters Groundwave contest

July 2002

I Pledge Allegience to the flag...

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3 **NO AARC Meeting see July 10**	4 INDEPENDENCE DAY MI QRP July 4th CW Sprint *QCWA net @ 7:30 - 147.18*	5	6 Kentucky QSO Party Salem Meeting - 3:00 pm - Guest Speaker Venezuelan Ind Day SSB Contest
7 Wood County ARC Hamfest - Bowling Green OH	8	9	10 **7:30 PM AARC Meeting**	11 **AARC Nets see page 2** ***QCWA net @ 7:30 - 147.18***	12	13 CQ WorldWide VHF Contest FISTS Summer Sprint IARU HF World Campionship Summit County Red Cross VE - Akron OH
14 Cuyahoga ARS VE Independence OH QRP ARCI Summer Homebrew Sprint	15 **K8CMI**	16	17	18 **AARC Nets see page 2** **Mahoning ARA VE - Youngstown OH** *QCWA net @ 7:30 - 147.18*	19	20 Columbian Ind Day Contest NA QSO RTTY Party Northern Ohio ARS Hamfest - Wellington OH Pacific 160M Contest
21 CQC Great Colorado Gold Rush Contest Van Wert ARC Hamfest - Van Wert OH	22	23	24 **K8CAT**	25 **AARC Nets see page 2** **Mile Branch Grange Fair** ***QCWA net @ 7:30 - 147.18***	26 **Mile Branch Grange Fair**	27 IOTA Contest **Mile Branch Grange Fair** OH-KY-IN ARS Hamfest - Cincinnati OH Russian RTTY WW Contest Venezuelan Ind Day Contest
28 Portage ARC VE & Hamfest - Randolph OH Warren ARA VE Newton Falls OH	29	30	31			

June

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23	24	25	26	27	28	29
30						

August

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				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

...but as for me, give me liberty or give me death! Patrick Henry, 1775

July 2002

Alliance Amateur Radio Club
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AMSAT OSCAR 7 returns from the dead - cont.

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"is possibly illegal since the Amateur Satellite Service is not permitted at 432.1 MHz." The current band plan earmarks the 432.1 MHz range for weak signal work. Sections 97.207(c)(2) and 97.207(b)(2) of the FCC's rules authorize space station and earth station operation only in the 435-438 MHz segment.

Built by a multinational team under the direction of AMSAT-NA, AO-7 carries Mode A (145.850-950 MHz uplink; 29.400-500 MHz downlink) and Mode B (432.180-120 MHz uplink; 145.920-980 MHz downlink) linear transponders plus beacons on 29.502 and 145.972 MHz. A 2304.1 MHz beacon was never turned on because of international treaty constraints.

AMSAT has additional information on AO-7 on its Web site <http://www.amsat.org>.

(TNX ARRL Letter, vol 21, no 6)

Check out the 440 net on Thursday night

Well, Pardner, in case you haven't heard, thar's a new net in town.

On Thursday night, following the AARC Two Meter net (about 9:30—10:00), Our 440 net starts up on the 442.35+ repeater. Hosted by Dave, W8UKQ, the purpose of the net is The purposes of this net are to create activity on the 70 cm. band and to provide a reason to use such 70 cm. equipment. During the first 12 sessions, Dave reports 100 Check-ins by 13 stations, with 145 minutes elapsed time.

Many thanks to Jim, K8LTG, for the use of the repeater. (W8UKQ)