



The Illuminator



The monthly newsletter of the Carbon Amateur Radio Club

July 2001

July Dinner/Meeting at Caruso's!

July Meeting

The next regular meeting of the Carbon Amateur Radio Club will be held on Thursday, July 19, **at Caruso's Restaurant on Route 443 in Leighton**. Everyone is invited to eat there, beginning at 6:30 p.m., and then hang around for our general meeting and BS session.



Field Day 2001

By Goody, K3NG

I'm happy to say that this year's Field Day event was a great success. We didn't set any records, but we had fun.

Friday night, I went to the Blue Mountain site to survey the area and get an idea of where we were going to put things. The site was in good shape, the grass was cut and there was a new trailer on the south side of the clearing. It was raining cats and dogs, though, and I sat in the truck imagining how awful setup would be.

Later that night at home, John, K3CT, gave me a call, recommending we move the Field Day location. After numerous phone calls, we decided to move Field Day to Bill, KA3UKL, and Lisa Kelly's home in Leighton.

Saturday morning was rainy as expected. We setup two dipoles, one "all band" 80m dipole and a 20m/40m coaxial trap dipole antenna. A mast was erected holding the 2 meter and 440 MHz antennas for the VHF/UHF station. The operating positions were located in the two-car garage, which had plenty of room for gathering, talking, and eating. Jim, K3II,

started off on 40 meter CW, Bruce, N3RXJ, and Eric, N3TVV, were on 2 meters, and John, K3CT, manned the QRP rig on 20 meter CW. 40 meters was hot as expected, QRP contacts were tough, and 2 meters was essentially dead. Bob, K3PH, Larry, N3CR, Glenn, K3PP, and Bruce, KB3DZN, manned the stations at various times.

John, K3CT, later brought his TS-850 to use in the second HF station. We discovered that the 20m/40m trapped dipole had an SWR of 3:1, which probably accounted for some of the difficulty in making QRP contacts.

Saturday, the weather cleared up rather nicely. It cooled off and fans were unnecessary for the rest of the event, which made for comfortable operating. Bill and Lisa were excellent hosts and cooks, as usual.

Tear down was accomplished in exactly one hour on Sunday, much to the delight of everyone who was tired.

Thanks to everyone and anyone I forgot to mention on a memorable Field Day!

(Pictures will be on the website soon)

73,
Goody
K3NG

Editor's Note: Participants included (in no particular order) Bruce Appleton (N3RXJ), Larry Lilly (N3CR), Eric Bott (N3TVV), Bob Schreibermaier (K3PH), John Bednar (K3CT), Bert Rex (W3OWP), Jim Berger (K3II), Glenn O'Donnell (K3PP), Bruce Fritz (KB3DZN), Andy Mihalik (KB3FSV), Bill Kelley (KA3UKL), Lisa Kelley, and Anthony Good (K3NG).

For those who care about such things, here are the gory statistics:

Band	CW QSOs	Phone QSOs
80	69	231
40	402	283
20	60	46
15	46	119
2	0	4
TOTALS	577	683

That adds up to a grand total of 1260 QSOs and 4074 points.



Wednesday Night Net

By Goody, K3NG

Recently, I have been acting as net control for the weekly ARES/RACES Net. We've added a new section called *Ham Trivia* where we ask three questions relating to ham radio. The questions range from technical to non-technical, old-timer to newbie ham. We keep score for fun, but hopefully everyone will occasionally learn something new, or at least jog the memory (what's the formula for the impedance of a capacitor?).

I know there are a lot of hams out there listening each Wednesday who don't check in. Please check in, even if just to briefly say "Hi." You'll be glad you did.

73,
Goody
K3NG



Propagation Forecast Bulletin

Propagation Forecast Bulletin 27 ARLP027
From Tad Cook, K7VVV
Seattle, WA June 29, 2001
To all radio amateurs

Problems with the PC and DSL connection mean a short bulletin for this week.

Conditions were good over Field Day weekend, with no big geomagnetic upsets. 40 meters was probably the best band all around for Field Day contacts.

Sunspots and solar flux have been high recently, but both are currently declining. Average sunspot numbers dropped over 48 points from last week, and average solar flux was off nearly 17 points.

Currently geomagnetic conditions are very quiet, and are expected to remain that way over the next week. Single digit planetary A indices are forecast until after July 4. Solar flux is expected to decline over the next few days, to 130 on Saturday, Sunday and Monday. Flux is expected to rise to 160 by July 6 and 190 by July 11.

Sunspot numbers for June 21 through 27 were 212, 203, 228, 212, 220, 177 and 185 with a mean of 205.3. 10.7 cm flux was 200.3, 203.6, 206.2, 194.8, 182.4, 167.9 and 147.9, with a mean of 186.2, and estimated planetary A indices were 13, 7, 8, 10, 8, 13 and 10 with a mean of 9.9.



Carbon Amateur Radio Club Regular Meeting Minutes June 21, 2001

President, Larry Lilly, N3CR, called a regular meeting of the Carbon Amateur Radio Club to order at 8:16 p.m. on Thursday, June 21, 2001 at the Boulevard Restaurant in Lehighton. Fifteen people attended.

The minutes were read by Bob, K3PH, and approved by the members in attendance.

John, W3MF, read the treasurer's report. At the last meeting, we had a balance of \$940.14. We had receipts of \$45.00 and disbursements of \$4.76 for mailing the newsletter, leaving a total of \$980.38. The members in attendance approved the Treasurer's report.

Regarding the proposed club bus trip to the American Radio Relay League, Larry, N3CR, mentioned that we still have no price quotes on buses. Glenn, K3PP, noted that we used Bert, W3OWP's van last time. Bill, KA3UKL, also mentioned that we could rent a minivan from

Trinkle's. No decision was made as to transportation or date for the trip.

The members in attendance voted to have a pizza party for the July meeting. Bill, KA3UKL, will check on the availability of Caruso's in Leighton for the meeting. We expect to start eating at 6:30 and start the meeting at 7:30.

It was noted that election of officers will take place at the August meeting, so start thinking about nominations now. It was also mentioned that Gene, N3WMA, wants to do a talk about transistors at the September meeting.

Regarding our Field Day plans, Goody, K3NG, reported that we will be in the 2A class using one Kenwood TS-850S, one Elecraft K1, and a 2-meter FM VHF station. Goody indicated that he would be going up to the site on Friday to start getting it ready. Official setup is to begin at 8:00 a.m. Saturday. Bill, KA3UKL, and Lisa reported on food. Everything is all set and the club will pay for the food, but please feel free to put a little something in the donation can.

A discussion took place regarding possible club programs. Rob, KB3BYT, offered to do an introduction to amateur radio, if the club members can bring potential new amateurs to a meeting. Larry, N3CR, mentioned that he would like to do a program about the space station, possibly inviting a local school. Bob, K3PH, indicated he has access to any number of DX-related videos.

The meeting adjourned at 8:53 p.m.



ARRL DX Bulletin

DX Bulletin 27 ARLD027
From ARRL Headquarters
Newington CT July 5, 2001
To all radio amateurs

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, DXNL, 425DXnews and The Daily DX. Thanks to all.

VIETNAM, 3W. Michal, 3W7TK, has been active on 15 meters using CW and SSB. Check between

1245z and 1830z around 21255 kHz or 21012 kHz. QSL via OK2HWB.

CROATIA, 9A. 9A/ON5JE is QRV from Pag Island, IOTA EU-170, until July 19. Activity is on 40, 20, 15 and 10 meters using SSB. QSL to home call.

DEMOCRATIC REPUBLIC OF CONGO, 9Q. 9Q5BQ has been QRV on 17 meters around 2200z. He has also been active on 28010 kHz around 1000 to 1100z.

QATAR, A7. Mohamed, A71MA, has been QRV on 21290 kHz just before 0400z yesterday.

COMOROS, D6. John, WB4MBU, is QRV as D6/WB4MBU, and has been found on 28488 kHz from 1100 to 1400z. QSL to home call.

TAJIKISTAN, EY. A group of Tajikistan amateurs and mountaineers plan to climb a still nameless 5800 meter high mountain in central Pamir. Look for EY1ARP to be QRV for one or two hours from the peak. QSL via operator's instructions.

IRAN, EP. Yar, EP3SP, has been QRV using RTTY prior to 2200z on 14084 kHz. QSL via W3HC.

ITALY, I. John, I2ZGA, is QRV as IA5/homecall from Elba, IOTA EU-028, until July 14. QSL to home call.

SVALBARD, JW. Tom, LA4LN, will be QRV as JW4LN from Spitsbergen, IOTA EU-027, from July 6 to 23. He will operate just CW on 40, 30, 20 and 6 meters during his spare time in the evening hours. QSL to home call.

ALAND ISLANDS, OH0. Look for Bernie, W3UR, to be active as W3UR/OH0 from Brando Island, IOTA EU-002, from July 7 to 10. QSL to home call.

BRAZIL, PY. Look for Carl, PU1NEZ, Mar, PY1AMF, Zeca, PY1LVF, Pete, PY1NEW, and Lima, PY1NEZ to be QRV from Frances Island, IOTA SA-077, from July 5 to 8. Activity will be on 80 to 6 meters, using CW and SSB. QSL to home calls.

GREECE, SV. Franco, HB9OAB, is QRV until July 30 as SV8/homecall from Kefallonia, IOTA EU-052. Activity is on 2 meters and 70 cm, with some satellite activity on AO-10, FO-20/29, UO-14, RS-12/13 and possibly AO-40. QSL to home call.

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WEST KIRIBATI, T30. Steve, T30ED, is usually QRV on 20 meters around 1100z. QSL via 3D2SJ.

PALAU, T8. Hideki, JE8BKW, as T88BB from July 8 to 11. Activity will be on 80 to 6 meters, using CW and SSB. QSL to home call.



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"Would you believe, my horoscope said that today I would have an unexpected close encounter!"

Check out <http://incolor.inetnebr.com/n0ujr> for other cartoons and to purchase N0UJR's book, "N0UJR and His Friends."



Heard Through the Grapevine...

The club needs an EC/RO for the ARES and RACES activities. Contact Larry, N3CR, for details.

Carbon Amateur Radio Club – 2000-2001 Officers

President: Larry Lilly, N3CR ka3afy@ptdprolog.net
Vice President: Glenn O'Donnell, K3PP
Secretary: Bob Schreibmaier, K3PH
Treasurer: John Schreibmaier, W3MF
W3HA Callsign Trustee: Bill Dale, WY3K
W3HA Repeater Trustee: John Bednar, K3CT
Public Information Officer: Bill Kelley, KA3UKL

Directors

John Bednar, K3CT, Bruce Appleton, N3RXJ, Bert Rex, W3OWP

Illuminator Staff

Editor: Bob, K3PH k3ph@dxis.monroe.pa.us
DX: Bob, K3PH
Foxhunting: open
Propagation and Commentary: Larry, N3CR ka3afy@ptdprolog.net
Newsletter Printing, Folding, and Mailing: Bob, K3PH

Services

W3HA Repeater: 147.255 Mhz + PL 131.8

CARC Website: <http://www.cpals.com/~elitehom/carc/>
Webmaster: Rob, KB3BYT roomberg@ptd.net

CARC Email Reflector: see www.qth.net CarbonARC list for details

CARC Membership Information

Regular Membership is \$15.00, which includes autopatch privileges.

All amateur radio operators are invited to join the CARC ARES / RACES net held 21:00 local time every Wednesday on the W3HA repeater at 147.255 MHz + offset, PL 131.8. Any amateur radio operator or anyone with an interest in ham radio is welcome to attend our monthly meetings which occur the third Thursday of each month at 7:30 PM at the Carbon County EMA Center on Route 93 in Nesquehoning.

Carbon Amateur Radio Club
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Kresgeville, PA 18333-0166