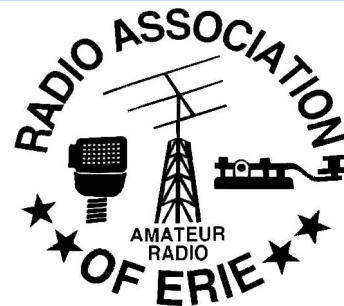


Radio Association of Erie
W3GV Repeaters
146.610(-) PL 127.3
146.820 (-) PL 127.3

QUARAE



Volume 3, Issue 5

June 2004

New FCC Rules to Take Effect June 1

The FCC says minor amendments to various Amateur Radio (Part 97) rule become effective June 1. The regulatory changes, which the FCC made on its own motion rather than in reaction to any petitions, appeared May 5 in the Federal Register. The most extensive and substantive rule change involves §97.307, Emission standards, where the FCC revised the wording of §97.307(d), which defines spurious emissions. The updated language imposes a slightly higher standard on newer transmitters or amplifiers of any power level. Starting June 1, the rule will provide that:

- * the mean power of any spurious emission from HF transmitters or external RF power amplifiers installed after January 1, 2003, must be at least 43 dB below the mean power of the fundamental emission.

- * the mean power of any spurious emission from HF transmitters or external RF power amplifiers installed on or before January 1, 2003, must not exceed 50 mW and must be at least 40 dB below the mean power of the fundamental emission. If the mean power output of such as transmitter is less than 5 W, the attenuation must be at least 30 dB.

Still exempt from the provisions of §97.307(d) are transmitters built before April 15, 1977, or those first marketed before January 1, 1978.

The FCC also has redefined what constitutes an Amateur Radio operator. The change reflects the advent in the late 1990s of the Universal Licensing System electronic licensee database. Under the amended §97.3(a)(1) an amateur operator is "a person named in an amateur operator/primary license station grant on the ULS consolidated licensee database to be the control operator of an amateur station." The current rule defines an amateur operator as "a person holding a written authorization to be the control operator of an amateur station."

Another change eliminates Technician or Technician with Element 1 credit licensees from the classes of operators permitted to prepare Element 1 (5 WPM Morse) and Element 2 (Technician written) examinations. The Commission ordered the rule changes and additional wording updates within the context of a larger, wide-ranging Notice of Proposed Rulemaking (NPRM) in WT Docket 04-140. That NPRM addresses several Amateur Radio-related petitions and proposes revisions to operating privileges. It also denied several petitions. The FCC continues to seek comments on the various proposals put forth in WT Docket 04-140. Comments are due by Tuesday, June 15, and reply comments by Wednesday, June 30. Among other changes, the FCC has recommended adopting the ARRL's "Novice refarming" plan.

-ARRL

**General
Membership
Meeting**

**Thurs. May 6th
7:00 PM**

Location:

Club House

End of Wagner Rd, off
Bargain Rd, off RT 99

Officers and Contacts – 2004

President

Chris Robson, KB3A

Vice President

Jack Haven, N3RKO

Treasurer

Frank Graziano, KD3D

Secretary

Dianne Miller, K3LD

Chairman of the Board

Robert Fuller, N3LBI

Board Members

Bob Schwimmer, N3FAW

Bob LaPlaca, KC2HVX

Ron Prindle, N3BXL

Joe McLain, KB3ALU

ARES/RACES E.C.

Dave Wellman, WX3E

ucdavid@aol.com

SKYWARN E.C.

Steve Lajohn, N3SRD

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Bob Schwimmer, N3FAW

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EOC Chairman

Steve LaJohn, N3SRD

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Repeater Chairman

Steve LaJohn, N3SRD

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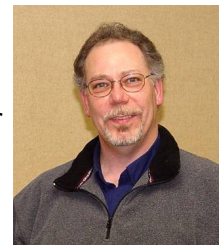
Newsletter Editor

John Lis, N3NKV

jjlis@adelphia.net

From the President's Desk

As we lead into the summer months, thoughts turn to...FIELD DAY! Yes, that's right the good ole activity that has been a ham radio tradition for many years. This year is no different. We are making our plans for Field Day again for 2004 at our very own clubhouse, affectionately know as the EOC. As in year previous this event will be a festive event with food, fun and RF. This is a great time to come and operate any of the stations we have planned and this year will be even more special since we want to give special awards to the hams that operate in various categories that we will be announcing at the next club meeting the first Thursday in June (June 3rd). Since we seem to have an ample supply of control ops, there is no excuse for everyone to operate. Please mark you calendars for the last weekend and June. We will be setting up on the 25th and operating starts Saturday afternoon at 2:00 P.M. (June 26th) and goes 24 hours to Sunday at 2:00 P.M. This is a great way to learn a new mode, try new software, gain some operating skills, and just have Fun.



Chris Robson

In talking to a number of members, and reviewing how our meetings have been conducted, I would like to tone down the business side of our regular monthly meetings and move toward a more social meeting with operating and discussion as the focus. What do you, the members think of that? Let me know.

For now let's get tuned up and ready for some serious radio Fun!

73,

Chris KB3A

Important Dates

General Membership Meeting

Time: Thursday, June 3rd, 2004 @ 7:00 PM

Location: **Club House**

End of Wagner Rd, off Bargain Rd, off Route 99

Board of Directors Meeting

Time: Tuesday, June 22nd, 2004
@ 7:00 PM

Location: **Club House**

*If you have a
submission for the
QUARAE, you can
e-mail it to
John Lis at
john@jjlis.com
Or
Contact John
via phone/fax at
825-5565*

General Membership Meeting Minutes May 6, 2004

Board Members Present: KB3A, N3LBI, N3RKO, KD3D and K3LD

Not present: KB3ALU, KC2HVX, N3FAW and N3BXL

Meeting brought to order by President KB3A at 7:05, General Membership Meeting at the E.O.C.

Silent Key: W3GJ- John Guthrie

Guest: N3LLR, Bill Edgar. Bill is Vice Director of the Atlantic Division of the ARRL had a presentation of the Broad band Power Line. Discussed how that will affect amateur radio if the FCC approves it. Not only amateur radio, but will also affect emergency communications. Send a brief, polite and professional letter to Representatives, Senate and the President. More info on the ARRL web site: www.arrl.org/bpl

Secretary's report- K3LD: motion to accept the minutes that were printed in the QuaRae for April Motion: WB3DOM Second: KB3CAT

Treasurer's report- KD3D given

Board of Directors report- N3LBI- water system, plumbing needs replaced, changed security code for EOC, special events, website, fundraising, controller and N3LBI donated a 220 rig.

Membership- N3FAW: n/a

ARES/RACES: Dave (WX3E): n/a

Skywarn: Steve (N3SRD) n/a

QuaRae: John (N3NKV) Thanked all who sent articles and encourages all members to continue to send them. John would like to make the QuaRae more club oriented.

Public Service- N3RKO- MS walk May 16, Edinboro Triathlon June 5, MS Bike on June 13 are coming up quick. We need the help, please contact Jack for any or all that you are interested in. It is good training and fun and good public service. Jack thanked those who worked the March of Dimes walk. Jack was very impressed with Micki (KE3XR), Ron (N3BXL) and Kathleen Prindle (N3MHQ) and Jeremy (KB3BAM) whom, due to the rain showed up to make sure we were covered in case there were some that had signed up that didn't show. That is what teamwork is all about, thinking of others and being available to help out. Doug (AD4UL) brought from Florida 10 sets of magnetic signs for emergency communication which went fast.



Have you visited the RAE Members Only Website lately?

General Membership Meeting Minutes continued

Contest- KB3A: Mid Atlantic QSO party this weekend (May 15). Oregon and Nevada QSO is next weekend (May 22 & 23). Chris wants to have more weekend activities and get people out here an operating.

Repeater: KB3A- new controller software base is being tested. It can have meetings, contest, events etc put on the repeater. Looking into linking the .61 and .82 repeaters with a 220 link. Bob, N3LBI has donated a 220 rig and Tom N3HPR has offered to donate another.

VE: K3LD- KB3A would like to have every other month VE sessions at the EOC. If anyone is interested to test you have to contact Rob (N3OCL) so that we can make sure to have the test at the EOC.

Field Day: KB3A- We need a chairman for the event. It will be at the EOC so we have a site, we have stations set up and restrooms available. If interested contact Chris (KB3A)

EOC access: KB3A- the code to the door has been changed at the EOC, for security and the welfare of the membership. All members can have the code if they wish to operate, Chris only wants a copy of your license for his records so that all that operate are in their band limits. Chris has drawn up procedures for the EOC which are up at the EOC.

We got a certificate for the California QSO party 2003.

50/50: KB3KEN

Tickets for Breezeshooters Hamfest on June 6 winners Cecil (NM3L) and Ebbie (KB3KEN)

Motion to adjourn: N3LBI Second: KB3B

Meeting adjourned at 8:37

Submitted by

Dianne Miller, K3LD

Radio Association of Erie Secretary

Congratulations KC2HVX!!

Congratulations go out to Bob LaPlaca
in obtaining his Bachelors of Science Degree
in Management Information Systems
from Penn State Erie



Public Service Update

On Sunday May 16th, 12 RAE Members helped out with communications for the M-S Walk. I would like to thank the following for coming out to help for the event: Bob Fuller N3LBI, Bob LaPlaca KC2HVX, Bill Marshall KB3SJN, Dianne Miller K3LD, Debi Robson KB3B, Matt Fuller KB3CAT, Sam Simpson KB3DAF, Cecil Wilshire NM3L, Doug Sweet AD4UL, Dick Waldinger NI3Q, Mick La-John KE3XR, Dave Wellman WX3E. The walk a success and no major problems took place. Along with that the 61 repeater got a little workout.

With sadness and regret, I am passing on to AD4UL Doug and N3LBI Bob the task of overseeing the duties of Special Events Chairpersons. The members have made this a enjoyable task and I hope you will give these two your full support and cooperation.

Our next Event is the Edinboro Triathlon on Saturday June 5th 2004, we will meet at McDonalds on Rt. 6n at 7:30 a.m.!

We Need MORE Help for this event!

Please Contact Doug AD4UL at 453-2915 Or via e-mail at ad4ul@arrl.net if you would like to help out

73's

Jack Haven N3RKO



Doug AD4UL and Pat at the Rest Stop



SAM KB3DAF and NM3L Cecil



Debi KB3B waits for the last walker



Bob N3LBI Net Control

Clubhouse News

There was lot of activity on Sunday May 23rd at the clubhouse. Doug AD4UL worked on the plumbing. Steve N3SRD, John N3NKV, and Bob N3LBI tested 220mhz coverage from the Sharp Road Repeater site back to the clubhouse for linking the 61 and 82 repeaters together. Good News for those operating HF from the clubhouse — the G5RV is backup and operational. A two-meter base station was also setup inside for communications with other repeaters and on simplex. A big thanks go out to those who helped.



Trivia Corner - Answers on Page 8

- 1) The June 1979 RAE Meeting was held at the _____ to discuss the communications truck and field.
 - A) Red Cross
 - B) Zuck Park
 - C) Firefighters Historical Museum
 - D) Shrine Club
- 2) _____ took field day photos for Field Day 1979. One of the pictures appeared in the newspaper.
 - A) WB3BNH
 - B) KB3A
 - C) W3NR
 - D) KD3D
- 3) In a June 1989 Amateur Radio column, it was mentioned that Dave Henderson N3EOY spent several weeks in _____ installing a packet radio system and teaching a systems operator on how to operate it.
 - A) Khartoum, Sudan
 - B) Punjab, India
 - C) Fiji
 - D) Svondok, Russia
- 4) Prior to being at the Butler Farm Show Grounds, The Breezeshooters Hamfest was held at
 - A) Three Rivers Stadium
 - B) White Swan Park
 - C) Robert Morris College
 - D) North Allegheny High School
- 5) **The Potluck Question:**
 In September 1987, ___ hams helped with communications for the Eriesistible Marathon.
 - a) 31
 - B) 26
 - C) 42
 - D) 19

A Nice Way to Relax after a Busy Week!

Volunteer for Public Service Events



June 13th — MS Bike Race

August 21 — March of Dimes Paddle Erie

Sept. 11th — Caring Place Triathlon

*Please help your community!
Participate in the RAE public service events for
awareness and fundraising.*

*To participate, Contact Doug Sweet AD4UL
at 453-2915 or via e-mail at ad4ul@arrl.net*

An ABC Guide to Field Day from the ARRL

- A** – Agencies... assisting those who serve when needed.
- B** – Bonus Points... plenty of them to broaden your Field Day experience.
- C** – Community Service... the core concept of Field Day.
- D** – Digital modes... a chance to experience new modes of communication.
- E** – Emergency Preparedness... what we practice.
- F** – FUN... need we say more?
- G** – GOTA... bring the hobby to the next generation.
- H** – Hungry Hams... what's Field Day without camaraderie?
- I** – Ingenuity... How you keep Murphy at bay.
- J** – Junk Box... there's an answer to just about any Field Day problem.
- K** – Kids... watch the face of a youngster making their first contact.
- L** – Lightning... safety is always a priority during the weekend.
- M** – Mosquitoes... citronella anyone?
- N** – Nets... traffic to make sure we get the message through.
- O** – Operators... the more the merrier.
- P** – Publicity... putting the face on what we do
- Q** – QSOs... making contacts and finding new friends.
- R** – Radios... the chance to try different models.
- S** – Solar power... alternate power "just in case"
- T** – Thunderstorms... Mother Nature has a tendency to play too.
- U** – Uplink frequencies... satellite communications.
- V** – Volunteers... How we are able to do what we do.
- W** – W1AW... don't forget the annual Field Day message.
- X** – "X"-bands... VHF / UHF / Microwave communications
- Y** – Yagis... we all need antennas
- Z** – Zzzzzzzz... the sleep that you get after a successful Field Day!



**See You at
Field Day
at the
RAE Club
House on
June 26th
and
June 27th!**

Swap and Shop

Towers, Antennas, and Coax For Sale

2- Rohn 60' self supporting towers. (3-20' sections each) 1- Tennadyne T10 log periodic antenna on 1 tower and Cushcraft 6m & 2m Boomer antennas on the other tower.

HyGain TailTwister rotors on each tower. 1/2" hardline feed on each antenna.

Must take down and remove these by July 1. Ridiculous offers considered.

Contact Brian K3USC at 814-866-2585 Home or 814-450-2585 Cell

Your Swap and Shop Ad Could Be Here! Space is First Come First Serve!

If you have something for swap and shop,
please contact John Lis via phone or fax at 825-5565 or e-mail at john@jjlis.com

Trivia Corner - Answers

- 1) Fire Fighters Historical Museum
- 2) WB3BNH (now WX3E)
- 3) Khartoum, Sudan
- 4) White Swan Park
- 5) 42