



DRUMLIN'S RUMBLINGS

DARC MONTHLY NEWSLETTER

APRIL 2005

NEXT MEETING

APRIL 20, 2005

Doors open at 7:pm Meeting 7:30pm

New York State

EMO

Route 31 Newark, NY

or try 146.745

MINUTES

Date: 3-16-2005

Call to Order: 1931

Welcome: KC2MBU, KB2KBY, KB2ROP, KC2AJU, N2MKV, N2MKR, KE4VHA, N2MLD, K2MPE, WA2SOK, WA2CQI, N2RUS, KD2NJ, W4ILN, KB2SOZ, KC2EGP, W2SWL

Guests: none

Minutes Approval: 1st K2MPE 2nd N2MKR

Treasures Report Approval: 1st K2MPE 2nd KB2SOZ

Public Service: On Wednesday, June 1, there will be a Ginna Power plant drill held by the state. On Tuesday, July 19, there will be another Ginna Power Plant drill held by FEMA. At least 4 operators are needed for these drills. To sign up, or for more information, contact KB2KBY. On Sunday, June 12, there is the Ture de Cure. Operators are needed for this event. Contact KB2SOZ for to sign up or for more information.

Repeaters:

144.950 good

146.685 KB2KBY has talked to the EOC for possible funding for a new 685 repeater. They will be looking into it.

146.745 good

444.950 good

Antenna Committee: none

Trailer Committee: none

Activities and Contests: none

VE Team: We need 2 more Extra's for VE's.

WARECS/ RACES/ ARES: The next break will be Memorial Day weekend. On Easter Sunday, there will be no net that night.

Public Relations: The 2nd weekend of June is the NewarkFest. Our spot has been paid for already.

Newsletter: none

Remembrance/ Concerns: none

Old Business:

- Our hamfest is coming up on Saturday April 9. Setup will be gin at 7:00 PM Friday April 8. There will be pizza at 8:00 PM. KC2BMI will be handling the talk-in from his house that is about 1 1/4 miles from our hamfest location.

-There was a move to set a limit on what to spend for doorprizes. The limit is \$500.00. Move to accept: 1st KB2SOZ 2nd W4ILN

RACES-ARES: APRIL 2005

"Muddy March" is finally over and spring even looks like it is finally here, although on the calendar it has technically been here awhile. The DARC hamfest is over and gone for another year. Yes-it is looking better! Hi! The lazy-hazy days of summer are not far off and we have some duties to watch for in the coming months. Are you prepared to help?

Read your "Drumlins Rumblings" well. Pay attention to the notice about renewing your RACES badge for the Wayne County EOC. With events coming up you will need that new badge to be able to help! So make sure you get down to the Criminal Records office at the county complex as soon as you can. The new bar-coded, digital badge will be the only badge you will be able to use. The notice in the club newsletter has all the details.

There are two different Ginna drills coming up. One is in June and the other is in July. Please look on your calendar and, if possible, keep June 1st and July 19th open to help in the "plume exposure pathway exercise." I realize this seems early to keep mentioning it, but our calendars get filled up quickly. At least my calendar does and I am quite sure I am not the only one in

Continued on page 2

Continued on page 3

The Drumlins Leaders 04-05

President	Doug Peeso, KB2ROP	315-587-2889
V-President	Calvin Bruzee, KC2HUP	315-945-3077
Secretary	Thomas Grice, KC2MBU	315-573-5357
Treasurer	Dave Taylor, KB2KBY	315-597-4293
Program	Charles Escriva, KB2SOZ	315-986-5779
Director 3 yr	Russ Millspaw, N2RUS	315-483-8024
Director 2 yr	Bob Wilkin, W2GIV	315-923-2620
Director 1 yr	Steve Elliott, N2COJ	315-789-2701
Sysop .745	Jeff Jenson, N2MKT	315-483-1537
Sysop .685	Bruce Blair, WB2QKO	315-597-9731
News Letter	Irv Walter, WA2SOK	315-597-2192
Club Trustee	Dave Taylor, KB2KBY	315-597-4293
Web Master	Doug Wakeman, KC2BMI	315-331-2980

Warecs from page 1

the boat with this. Hi! The usual procedure is to have two teams in vans, which means a RACES operator in each van. Also, at the EOC there are two RACES operators needed.

June 1st, Wednesday, is the State-evaluated Exercise. July 19th, Tuesday, is the FEMA-evaluated Exercise. The plume exposure pathway exercise is most important for RACES. We are the only "record keepers" of the communication to and from the EOC during this exercise. Even though each van team has their own county EOC communication, we are the personnel that record all the two-way communications-the paper work- between the EOC and various organizations housed there. That is our mission as RACES! As much as it seems minuscule, we are the only group that has had "true" paper recording skills needed for this task.

Those RACES-ARES Sunday night nets seem to be just be boring repetition to you. But they serve a great important purpose. Any one who can copy and send an ARRL radiogram form used in our nets can adapt this skill to any form used in any communication. Believe me! It is the process that is important not what form is being used. That is our advantage-we are adaptable. No one in the EOC has that communications experience of recording written messages.

That message recording is our ace in the hole. It is another reason I have suggested all members of DARC participate more in the RACES-ARES nets each Sunday. I realize members cannot call in every week. Plus there is no one time of the week good for everyone. But the suggested net of once a month or every other month will give you enough experience. Once a year, volunteer for NCS, net control station. The purpose as NCS is to get use to the methodical rhythm of message speaking down so one is comfortable at it. Being clear in voice, procedure, and speed so the listeners can copy the message as quickly but accurately as possible. The Ginna-EOC forms are even easier to use. If you asked any non-RACES person unfamiliar with message taking, they would be totally lost. We have the experience of making what

Continued on Page 3

PRESIDENT'S CORNER

Fellow Amateur Radio Operators:

Just to give you a little perspective, I am writing this on Sunday the 10th of April. There is nothing particularly special about this date other than it happens to fall just after April 9th. That date had the distinction of being the date of the 2005 Drumlins ARC Hamfest. Most of you who read this note (or is that both of you...) are well aware of this fact. What a beautiful day for a hamfest, sunny and warm at least for April. As president it is my duty, and even more so, my pleasure to thank all who worked the past two days. This is our biggest and most important event of the year. It takes a team of determined individuals who give of their time and energy to make the day both financially successful and fun for our members and guests. My thanks to all of you for a job well done!

However, with even the best of things there is always room for improvement. With that in mind I would like to set up a Saturday meeting after breakfast for those interested to go over things that worked and things that did not, with the idea to start planning for next year while this year is fresh in mind. This can start with setting the date for next years hamfest and can go from there. If you have any suggestions please let me know.

Ye ol' ham saying: When you transmit the world listens to you, but when your finals burn out you cry alone.

Doug Peeso KB2ROP

NOTICE TO RACES/ARES MEMBERS

Wayne County Emergency Management
7336 Route 31, Lyons, New York 14489-9101
E-mail: twideman@co.wayne.ny.us

Thelma Wideman Director
Tel. (315) 946-5663 Fax (315) 946-9721

to: All Exercise Participants
from: Thelma Wideman
Date: April 7, 2005
Re: New Id Cards

All EOC Exercise Participants need to schedule an appointment with the Wayne County Sheriff's Records Department to get their new ID Cards. Please call 946-5790 to schedule your appointment. Your old ID cards will not get you access into the EOC for the June 1st exercise. If you have any questions you can email me or call the Wayne County EOC at 946-5663.
from Bruce Blair, WB2QKO

Minutes from Page 1

-On Wednesday, May 4 at 7:00 PM, there will be SKYWARN training at the EMO.

New Business:

-Lunch is back at Cross Park restaurant.

-There was an idea brought up to once in a while have breakfast on Saturday(s), then head across the street and have our meeting, then play with the radios after that. Move to accept the idea: 1st N2MKR 2nd K2MPE

-Operators are needed at Camp Hauser on the 3rd weekend of October, contact KB2SOZ for more information.

50/50 Drawing: KB2ROP, donated money back to the club.

Adjournment: 2021 1st KB2SOZ 2nd KC2EGP

Respectfully Submitted,
Thomas Grice, KC2MBU

RACES from page 2

people write down on a message look well on the other end of an audible 2m signal.

Last, don't forget the "Skywarn" class given by NWS Buffalo on Wednesday night, May 4th at SEMO. Doors are open at 6:30PM with donuts and coffee, tea or cocoa. The class starts at 7:00PM sharp. This is a good refresher course for some and a good started course for those whom "Skywarn" is a first. Put that date on your calendar too. Lets fill up all the desks at SEMO!

Get those calendars marked with all these dates.

73, Dave KB2KBY

HAMFESTS 2005

- May 20-21&22.....Dayton Hamfest
<http://www.hamvention.org/>
- Jun 3 4 5.....ARRL Convention, Rochester, NY
<http://www.rochesterhamfest.org>
- Jun 5..... Breezeshooters/Butler, PA
<http://www.breezeshooters.net>
- Jun 11.....Courtland County Y Fairgrounds
www.skylineradioclub.org
- Jul 16.....Batavia, NY
<http://www.hamgate.net/~gram/>
- Jul 23.....Frankfort (Utica), NY
Email: tbd2626@yahoo.com
- Aug 6-7.WNY Section Convention/Williamsville, NY
Email: luka@towncountryflorist.com
- Sep 17.....RAGs Pompey Hills
www.ragsinreview.com/ragham.html

News Letter Stuff Send To: Irv Walter, WA2SOK
2881 Macedon Ctr. Rd. Lot #57 Palmyra, NY. 14522
Packet: DARC thru Newark 144.95
E-mail: wa2sok@rochester.rr.com

Web Page: <http://www.drumlinsarc.com>

PRIZE WINNERS FOR 2005 HAMFEST

- 1ST (MFJ259B SWR ALANYZER):
WA2IAX JIM LE BARON SIDNEY NY
- 2ND (KNWD TH-K2ATK 2M HT):
N2WZS DAVE ATKINS AUBURN NY
- 3RD (KNWD TH-K2ATK 2M HT):
W2UAD KEN EVANS FAIRPORT NY
- 4TH (MFJ HF BEACON MONITOR):
OUR OWN N2COJ-STEVE
- 5TH (ARRL 2005 HANDBOOK):
OUR OWN N2MKV-LEE
- 6TH (ARRL ANTENNA BOOK):
KC2DCH ERIK MILLERD STANLEY NY

IT WAS GOOD TO SEE TWO OF OUR OWN D.A.R.C. MEMBERS WIN PRIZES! GOOD GOING STEVE & LEE!!!!!!!!!!!!!!!!!!!!

Dave kb2kby

FOR SALE-MUST DOWNSIZE SHACK-KB2KBY

HEATHKIT DX-60 CW/SSB TRANSMITTER W/ MATCHING HG-10 VFO, AND MANUAL: \$95.00

YASEU FRG-7 COMMUNICATIONS RECIEVER: \$125.00

MFJ-784B TUNABLE DSP FILTER, CABLE FOR CONNECTION TO FT-101 & TS-830 AND MANUAL: \$100.00

MFJ-851B DELUXE HF PEAK READING SWR/WATTMETER (200W MAX): \$30.00

HEATHKIT HD-15 HYBRID PHONE PATCH: \$30.00

T.G.M. COMMUNICATIONS (MADE CANADA) MQ-26 SIX-BAND 20M-6M HYBRID-MINI BEAM W/ MAST & MANUAL (NEVER USED): \$225.00

RADIO SHACK TV ROTOR (FOR MINI BEAM OR LIGHT DUTY ANTENNA-NEW): \$60.00 (THROW-IN RADIO SHACK 8' HEAVY GAGE -GRAY-MAST EXTRA NEVER USED: \$10.00)

CONTACT: KB2KBY-DAVE- 597-4293 (Leave message on phone recorder) or kb2kby@juno.com.
I take good care of all my gear. All gear in good to mint shape. Must downsize for future move to new QTH.

**RACES NET SUNDAY
8:45 PM 146.685**

CLUB ADDRESS:

Dave Taylor KB2KBY Club Trustee
228 W. Jackson St. Palmyra, NY 14522
Packet: Kb2kby-1 thru Newark Node
Email: kb2kby@juno.com

ARRL Executive Committee Readies Bandwidth Recommendations

NEWINGTON, CT, Apr 13, 2005—Acting on the premise that the amateur bands must flexibly and comfortably accommodate present and future operating modes and technologies over the long haul, the ARRL Executive Committee has reached consensus on recommendations to the ARRL Board of Directors for a regulation-by-bandwidth proposal. Meeting April 9 in Denver, the panel adopted recommendations that will form the basis of a draft ARRL petition to the FCC seeking to govern the usage of amateur spectrum by emission bandwidth rather than by mode. The proposals remain only EC recommendations at this point. Nothing will be filed with the FCC until the ARRL Board of Directors gives its go-ahead. Five of the 15 voting Directors sit on the EC. ARRL CEO David Sumner, K1ZZ, says a key principle underlying the League initiative is that the amateur community must shoulder the responsibility for resolving conflicts among potentially conflicting modes and not expect—or wait for—the FCC to impose its own solutions.

"We are in the early stages of a dramatic shift in amateur HF operating patterns, and it's impossible to predict where this shift may lead," Sumner said. "The FCC rules should not stand in the way of where technology takes us in our fulfillment of the bases and purposes of Amateur Radio." The initiative is aimed in part at encouraging new digital modes, but the primary emphasis is to avoid having to write a new rule every time a new mode bursts onto the scene. The League's proposals will establish a framework that creates an environment for change over the next decade—and perhaps longer, Sumner concluded.

The ARRL Board of Directors initiated work on the bandwidth approach in July 2002, and the League has sought members' comments on specific concepts twice since August of last year. The Board will consider the draft petition, now on the drawing board, at its July meeting.

The proposals the EC has recommended to the ARRL Board abandon the effort to have the FCC segregate digital and analog emissions by rule. As the EC sees it, the FCC rules should simply set out band segments in which amateurs may employ bandwidths of up to 3 kHz, leaving any further subdivision up to the amateur band planning process. The EC also acknowledged that band planning mechanisms will have to be improved for this approach to work well.

"Certainly there have to be mechanisms to minimize interference between analog and digital stations, since they cannot compatibly share the same frequency," Sumner explained. "However, using the FCC rules to subdivide the amateur HF bands is the wrong approach. The FCC rules are too static and too difficult to change." Resolving two issues that have been hanging fire, the EC's proposals would permit semi-automatic control (ie, with a control operator at the querying station) throughout the amateur HF bands. Sumner says that while this carries some risk of interference, the EC believes the amateur community can manage it more effectively through a combination of technology and respectful operating practices rather than by FCC rule. Additionally, automatic control would continue to be permitted at bandwidths of up to 3 kHz in narrow segments of some HF bands.

The EC made no change to its earlier recommendation that the rules continue to permit double-sideband, full-carrier AM and independent sideband (ISB) as specific exceptions to the 3 kHz bandwidth limit—with restrictions of 9 kHz and 6 kHz respectively. (In ISB, or independent sideband, each sideband of a double-sideband signal carries information or data independent of the other.)

Sumner has discussed the subject of regulating by bandwidth in two "It Seems to Us . . ." *QST* editorials: "Regulation by Bandwidth" in the September 2004 issue, and "Narrowing the Bandwidth Issues" in the April 2005 issue.

FCC rules now permit RTTY and data emissions throughout the

HF CW subbands. "It is only through compliance with 'gentlemen's agreements' that RTTY and data signals are not heard in the parts of the band that are generally used for CW," Sumner notes. The ARRL would propose limiting bandwidth in the "CW subbands" to 200 Hz, which also will accommodate data modes such as PSK31 (see accompanying table and charts below for specific frequencies).

In addition, the League's proposal would set bandwidth limits of either 500 Hz or 3 kHz in the rest of the bands below 29 MHz. "Automatic control" segments would be limited to 3.620-3.635, 7.100-7.105, 10.140-10.150, 14.100-14.112, 21.150-21.160 and 28.120-28.189 MHz. The proposal would eliminate the 14.095-14.0995, 18.105-18.110, and 24.925-24.930 MHz automatic control segments. It would move the 15-meter segment up the band to conform to the lower part of the new 3-kHz bandwidth segment. The proposals would not affect the 60-meter band. Bandwidths of up to 3 kHz—with the special exception for AM and ISB—would be permitted on 160 meters.

"The objective is *not* to expand the phone bands to let robot stations run roughshod over the phone bands, or to effect any other immediate change in amateur operating practices," Sumner emphasized. For example, while the 3-kHz bandwidth segment of the 30-meter band theoretically could accommodate voice, this is prohibited by international band plan agreements because the band is so narrow. Additionally, the Amateur Service is secondary on 30 meters and must protect the primary fixed service from interference. Sumner reminded those who might view the EC's approach as giving too much spectrum over to 3-kHz digital modes that there now is no effective bandwidth limit on HF digital operation. The existing bandwidth limit of 500 Hz applies only to automatically controlled stations in semi-automatic operation. "The band segments that will be limited to 200 Hz and 500 Hz respectively provide *greater* protection to narrowband operations than exists today," he stressed.

The new proposals take into account the ARRL's prior "Novice reformatting" petition to expand some HF 'phone bands, included in the FCC *Notice of Proposed Rule Making* in WT Docket 04-140.

Sumner points out that amateurs would not have to be able to measure the bandwidth of their signals. "The proposed bandwidths are more than sufficient for 'clean' signals using the traditional HF modes," he said. "Measurement would only arise as a potential problem for those who try to push the edge of the envelope." The Amateur Radio Service has had regulation by bandwidth for certain data operations for many years, Sumner says, without any substantive debate over whether a particular signal was legal or not.

The EC recommendations are likely to generate considerable discussion between now and the July Board meeting. Frequently Asked Questions (FAQs) on the EC recommendations are available on the ARRL Web site.

80/75 Meters

3.500-3.580 MHz up to 200 Hz

3.580-3.620 MHz up to 500 Hz

3.620-3.635 MHz up to 3 kHz with automatic control

3.635-4.000 MHz up to 3 kHz

40 Meters

7.000-7.035 MHz up to 200 Hz

7.035-7.100 MHz up to 500 Hz

7.100-7.105 MHz up to 3 kHz with automatic control

7.105-7.300 MHz up to 3 kHz

I only had enough space for these Charts, try ARRL site for all the band charts

from the ARRL WEB Site

April 17 - May 28, 2005

Drumlin Amateur Radio Club, LTD

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<i>April 17</i> WARECS 7:45 pm	<i>April 18</i> N2MKT B'Day	<i>April 19</i>	<i>April 20</i> DARC Meeting 7:30pm	<i>April 21</i>	<i>April 22</i>	<i>April 23</i> N2OMO B'Day
<i>April 24</i> WARECS 7:45 pm WA2NZO B'Day	<i>April 25</i>	<i>April 26</i>	<i>April 27</i>	<i>April 28</i> AA2MS B'Day	<i>April 29</i> KA2BHB B'Day	<i>April 30</i>
<i>May 1</i> WARECS 7:45 pm WB2BSN B'Day	<i>May 2</i>	<i>May 3</i> N2OVZ B'day	<i>May 4</i> SKY WARN 7:00PM WR2C B'Day	<i>May 5</i> NN2H B'day	<i>May 6</i>	<i>May 7</i> N2ZVN B'day
<i>May 8</i> Mother's Day WARECS 7:45 pm KC2AJQ B'Day	<i>May 9</i>	<i>May 10</i>	<i>May 11</i> KA2LFW B'Day N5THV B'Day	<i>May 12</i>	<i>May 13</i>	<i>May 14</i> N2MLE B'Day
<i>May 15</i> WARECS 7:45 pm	<i>May 16</i>	<i>May 17</i>	<i>May 18</i> DARC Meeting 7:30pm	<i>May 19</i> KB2AKI B'DAY	<i>May 20</i> Dayton Hamfest KA2MYV B'Day KB2GZM B'Day N2ZDF B'day	<i>May 21</i> DAYTON
<i>May 22</i> WARECS 7:45 pm DAYTON	<i>May 23</i>	<i>May 24</i>	<i>May 25</i>	<i>May 26</i>	<i>May 27</i>	<i>May 28</i>

Breakfast at Alton Coffe Shop, Rte.14
Saturday Mornings 6:30 am.
Check in on 146.685

Lunch at Cross Park
Rte. 31 Newark
Friday Noon