



DRUMLIN'S RUMBLINGS

DARC MONTHLY NEWSLETTER

JUNE 2006

NEXT MEETING

JUNE 21, 2006

Meeting 7:30pm

New York State

EMO

Route 31 Newark, NY

or try 146.745

RACES-ARES JUNE 2006

Well here we are back to the normal monthly article. We'll see how well we can gab the column away after a nice brake for you from me. Hi!

The big item of this past month was the Ginna Drill observed by the State on May 9th. There was a slight mix up with the automatic phone call up. There was none! One was suppose to just show up at the appointed time but it sure was very unclear in the e-mailed memo. Because the Newark School had things going on at night, the drill was in two parts: the Tuesday drill was the pretend 'release' and Wednesday evening there was all the follow up with the social services, fire and ambulance, etc. Once the drill started we found out only one team was to be sent out, not the intended two. That was the start of things.

Bruce, WB2QKO, ended up as the communication for the 'release' measurement team and I was at the EOC position. Things were different this year. Ginna had their own teams out using their own simplex communication. This was new. The 'blue team' send out by the EOC had a GPS antenna on the roof of the van and a computer could cover their movement. Neat! There was the same glitch this time as last of a 'bad' map-not an updated one-gumming up the works so to speak. But the 'team' being very fluid did a nice job

MINUTES

THE DRUMLINS AMATEUR RADIO CLUB, LTD.
Minutes

DATE: 5/13/2006 **CALL TO ORDER:** 1933 hrs

MEMBERS / GUESTS: KB2ROP, W2CDW, N2RUS, W4ILN, Brenda Cook, K2MPE, KE4VHA, AB2F, N2MLD, K2OEQ, N2JC, WA2SOK.

MINUTES: Accepted as printed in newsletter, 1st K2MPE, 2nd N2RUS.

TREASURERS REPORT: In the absence of KB2KBY the treasurer report was read by KB2ROP. Accepted as given, 1st WB2QKO, 2nd AB2F.

REPEATERS: **146.745** Ok. **146.685:** Still Talking. **144.95:** User port needs help, Bruce is working on it. He also got rid of some of the brush that's been growing around the bldg. and on the tower. **444.95:** On the bench.

ACTIVITIES & CONTESTS: Sign up sheet for Field Day was passed around, no real plan at this time. If interested step forward.

RACES: Excellent drill although maps in vehicle did not match the state map.

OLD BUSINESS: Hamfest critique. There was a problem with trash this year, with cancellation of their bingo games they also cancelled the trash pickup. It was a nasty job preparing it to be moved off site for disposal.

One suggestion was to make better use of committees, Parking, Kitchen, Advertising, etc.

This year we had one vender that drove across the front of building to get to rear entrance, nobody should be driving on the grass.

The Drumlins Leaders 05-06

President	Doug Peeso, KB2ROP	315-587-2889
V-President	Jim Collinworth, N2JC	315-483-8136
Secretary	Irv Walter, WA2SOK	315-597-2192
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, W2CDW	315-331-2980

Field Day 2006: ISS Ham Radio Station in Repeater Mode
NEWINGTON, CT, June 7, 2006--The Amateur Radio on the International Space Station (ARISS) equipment will be on the air in crossband repeater mode during ARRL Field Day Saturday and Sunday, June 24-25, but pass times for North America are iffy. Crew members Jeff Williams, KD5TVQ, and Pavel Vinogradov, RV3BS, may work some stations personally, but they're already booked pretty heavily during FD weekend.

"We have heard from the ISS crew that they are willing and planning to put the Kenwood radio in crossband repeater mode for Field Day," says NASA ISS Ham Radio Project Engineer Kenneth Ransom, N5VHO. "They will try to participate as time permits but the pass times for North America are not favorable." He's holding off on releasing a schedule of potential pass times until after a planned ISS orbital "reboost" takes place June 9. Ransom also says the crew may be very busy Field Day weekend since a Russian Progress supply rocket is scheduled to arrive at the ISS Monday, June 26, and much of the crew's time could be devoted to preparing for its arrival. He says the crew's sleep schedule may keep Williams and Vinogradov away from the radio during several possible passes. The crew's normal sleep schedule is 1930 until 0730 UTC, but it could be shifted to work around the Progress docking.

Ransom says the ARISS Phase 2 station will be configured in crossband repeater mode--437.800 MHz up/145.800 MHz down, but it's being requested that only low-power (QRP) Earth stations access the system. "The definition of a QRP station for this activation will be the same criteria that AMSAT is using for its QRP operations on ECHO (AO-51) for Field Day," Ransom explains. One of AO-51's FM transponders (145.880 MHz up/436.150 MHz down, no CTCSS tone needed) will be QRP only during the Field Day period.

A low-power (QRP) station may run no more than 10 W to a vertical or handheld antenna. Some examples:

- A barefoot handheld transceiver running 10 W or less output into any type of vertical whip antenna (rubber

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

PRESIDENT'S CORNER

Fellow Amateur Radio Operators:

Like many of you, I have more than one hobby. One of them is learning about and tying knots, as we would say, "don't knock it until you have tied it." I got to thinking the other day that the two hobbies have some things in common. Yes, there is tying off the ends of a dipole or lashing a pole to a tower, but I am thinking of a different likeness. When most people think of knots (as if most people think of knots) they lump all types into the one heading. The fact is that there are many different types of "knots." Stoppers, loops, bends and multi-strand buttons, knots come in all shapes and sizes and uses. Knot tiers also come in many different forms. One who can appreciate a well tied climbing knot, usually the one being supported by it, may not see the beauty in an intricate mat on the deck of a boat, or the complex Chinese knot work in a piece of silk. People have different tastes and likes. Amateur radio is much like knotting. There are many facets to ham radio so much more that is perceived by the public at large. Each of us has a favorite activity and many of us enjoy more than one. It is up to us to show others the joy we get out of this often misunderstood hobby. Share what you know with others and be open to different aspects of being a Ham.

Ye ol ham saying: When propagation is just so you can hear halfway around the world but not the person next door, works fine for radio but don't try that on the spouse.

Doug Peeso KB2ROP

Hamfests 2006

- Jul 29.....Batavia Hamfest 2006, Alexander, NY
<http://www.hamgate.net/~gram/>
- Aug 5Thompkins County ARC, Ithaca, NY
<http://www2.compcenter.com/~tcarc>
- Aug 12....WNY Section Convention, Williamsville, NY
<http://gbhamfest.hamgate.net>
- Aug 19.....Rome Radio Club, West moreland, NY
<http://pages.prodigy.net/romeradioclub>
- Sep 16.....RAGS Hamfest, PompeyHills Firehall
<http://www.ragsinreview.com/ragham.html>
- Sep 30..31st Elmira International Hamfest. Horsehds, NY
<http://www.arast.org/hamfest.shtml>
- Oct 7.....NN Section Convention, Lake placid, NY
<http://www.nnyara.org>

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of compensating and correcting
the situation.

Communications on our part went well-99%. I am afraid to say I forgot to say 'this is a drill' for the messages going out of the EOC. Oops! Other than that little idiosyncrasy the rest went well. That is saying a lot because WB2QKO had carpal tunnel surgery on his writing hand. So the talk went slow and steady so Bruce could keep up with the messages. Bruce, "You done good!" (Yes- I know 'good' is not right! It is a joke.) ('Hey, I ain't got no edge-ja-ba-kay-tion.' Isn't that the way the song went?) Again you could say we have been 'downgraded' in our role. But we are still the only ones who can do the 'paper trail' efficiently and effectively. If that is our role it is our role. And it is necessary! We do it well.

Wednesday night while DARC volunteers were helping with the furniture moving with the Red Cross at St. Mark's, Bruce was doing his thing at Newark High School. I was 'supervising' St. Mark's and acting as a communications contact for Bruce as well. It is a good thing we know how to 'double duty' at the same time. Hi! But the job was again done well and we proved our worth. We certainly are not bored. Hi!

Well, that is about it for this month. Remember-there is no Sunday net the July 4th or Labor Day weekends. Enjoy the time with family and friends. See you next month.

73 & 88, Dave KB2KBY

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NEW BUSINESS: There was a suggestion from Jim Parks KC2EGP to look at the Ontario Fire Dept. building. He thinks it would serve our purposes better and even have space to hold Exams on site. Al K2MPE will contact Jim and setup meeting with Ontario group to look at their building.

50/50 DRAWING: No Drawing

PROGRAM: None

AJOURNMENT: 2022 hrs.

Respectfully submitted,
Secretary, Iv Walter WA2SOK

JULY 4TH AND LABOR DAY WEEKENDS

There will be no Sunday RACES-ARES nets for the Independence Day and Labor Day weekends. Enjoy your summer holidays with family and friends.

News Letter Stuff Send To:

Irv Walter, WA2SOK
2881 Macedon Ctr. Rd. Lot #57 Palmyra. NY. 14522
Tel: (315)-597-2192
E-mail: wa2sok@rochester.rr.com

Public Service Events

If you have any interest in helping at these events, call Keith Freeberg (585) 254-0722 or email: n2bel@arrl.net (from the RARA Website)

Spirit of America - July 4 (Tuesday)
Cycling the Erie Canal - July 9 - 16
Musselman Triathlon in Geneva - July 16
Stuart Horse Trials in Victor - July 22 (Saturday)
Empire State Games - July 26-30

*** **Hosted in Rochester July, 2006** ***

Cycling For Mercy - August 12 (Saturday)
Walnut Hill Driving Competition - August 9 -13
Multiple Sclerosis Bike Tour - August 19 & 20
Rochester Labor Day Parade - September 4 (Monday)
Rochester Arthritis Foundation Marathon - September 17 (Sunday)
Finger Lakes Triathlon, Canandaigua - September 17 (Sunday)
Alzheimer's Walk, Rochester - tbd
America's Walk for Diabetes - September 30 (Saturday)
Wine Glass Marathon, Bath to Corning - October 1 (Sunday)
Scouting Jamboree On the Air - October 14, 15
Pumpkin Patrol (NYSP Troop T) - October 30 & 31 (Monday & Tuesday)

MANY THANKS FOR HELP AT THE RED CROSS

On May 10th five members of DARC helped the Red Cross move furniture at St. Mark's Episcopal Church. This help was in response to DARC's letter from January 2006 that we would help the Wayne County Chapter Red Cross when they moved from their East Union Street quarters. In April we had a call from 'Woody' Seufert of the Red Cross if they could use our help. So May 10th Duncan, K2OEQ; Jim, KB2ROS; Doug, KB2ROP; Ken, K2WPO and Bob, N2MLD; helped 'Woody' with some room furniture moving.

'Woody' is not only one of our contacts at the Red Cross but also the OM of St. Mark's minister. Thus you have the connection with the Red Cross's move to their new digs. The setup is a perfect match! The Red Cross has doubled their space, has use of the entire kitchen, meeting rooms and a huge storage area. In the event it is needed the chapel area can also be used as well. 'Woody' is very pleased about the arrangement. During WWII St. Mark's was also the location of the Red Cross.

Talking to 'Woody,' he would like to see DARC have a permanent RACES radio position at the new location. Now that the Red Cross has moved out of 'intermod alley' that could be a good solid possibility. And the 'PR' would be good. Stay 'tuned' so to speak. Hi!

Thanks to K2OEQ, KB2ROS, KB2ROP, K2WPO and N2MLD again for their help, their time and the good 'PR.'

73 & 88, Dave KB2KBY

Field Day from page 2

duck, etc) or *handheld* beam antenna (Arrow type).

- A mobile station running 10 W or less output into a car-mounted mobile whip antenna.
- A base station running 10 W output into a vertical omnidirectional antenna on the side of a house.

Ransom says station configurations that would *not* qualify as low-power (QRP) operation would include those using any type of high-gain beam antenna (KLM, M², Cushcraft etc) or any station running more than 10 W into *any* type of antenna.

The crossband repeater should be activated Thursday, June 22 late in the crew day, so earthbound operators will have a chance to practice with their QRP setups and learn how best to deal with the Doppler on the uplink, which can be considerable. The crossband repeater will be deactivated June 26 to accommodate the scheduled docking of the Progress cargo supply ship.

If Williams or Vinogradov *do* find time to get on the air, Ransom says, they also will use the crossband repeater mode. Williams will give a report of "NA1SS, 1 Alpha ISS," while Vinogradov will give a report of "RS0ISS, 1 Alpha ISS."

Contacts through the ISS crossband repeater count as a satellite contact for Field Day bonus points, but contacts with the crew do not count for Field Day bonus points.

Ransom says Bob Bruninga, WB4APR, has indicated that PCSat2--which is mounted on the outside of the ISS--will be in packet mode and operating on 145.825 MHz simplex during Field Day weekend.

During FD 2005, the ISS Expedition 11 crew of John Phillips, KE5DRY, and Sergei Krikalev, U5MIR, thrilled a number of ARRL Field Day 2005 operators by handing out contacts from space. Phillips managed about two dozen Field Day contacts over North America during last year's event.

From the ARRL Web Site

WALLY, AB2IK, CONTINUES HIS CAUSE!

I meet up with Wally at Walmart Friday May 26th doing a few errands before the Friday lunch and the Memorial day weekend. There he was with his usual getup, his hat with the dangling dollar bills, asking for donations to the Galisano Children's Hospital at Strong Memorial as he greeted people. Of course I had to stop and chat and pull out a dollar bill myself for him. And I asked the usual question, "How is your goal today?" In one of my last articles about Wally he was on his way to his \$100,000 goal. Well, today he said he was probably going to see his \$125,000 goal! Wow! Good going, Wally! Ladies and gentlemen of the club if you are going to Walmart, remember to take along a spare dollar just in case Wally might happen to be there greeting you with his getup. You are kind enough to help the club with your 50/50 on meeting nights or days. Could you even sacrifice your dollar at the meeting for Wally's cause! It is worth it. Wally couldn't a better guy to give it too.

73 & 88, Dave KB2KBY

CLUB ADDRESS:

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

Huge Amateur Radio CubeSat Launch Set for June 28

NEWINGTON, CT, Jun 8, 2006--In what will be the largest deployment ever of Amateur Radio satellites, 13 Amateur Radio "CubeSats" are set for launch June 28. If all goes according to plan, a Dnepr-1LV rocket will carry the CubeSats into space from the Baikonur Cosmodrome in Kazakhstan. A fourteenth satellite in the package will not carry an Amateur Radio payload.

The CubeSat project is a collaboration between California Polytechnic State University-San Luis Obispo and Stanford University's Space Systems Development Laboratory. All of the CubeSats set to launch this month were designed and built by students at various universities in the US and elsewhere in the world.

Cornell University, Cal Poly, and the University of Arizona each will send two CubeSats into space. Other US schools participating in the mass CubeSat launch are the University of Illinois, the University of Kansas, Montana State University and the University of Hawaii. In addition, schools in Norway, S Korea and Japan have built CubeSats for this month's launch.

One of the CubeSats, known as SEEDS, was built by students at the Nihon University in Japan. It contains a CW beacon, Digi-Talker and other experiments. The CW beacon will be on 437.485 MHz and use the call sign JQ1YGU. The Digi-Talker experiment will be activated later. All 13 CubeSats will identify using Amateur Radio call signs.

According to AMSAT-NA, the satellites will be put into a 500-by-566 km (310 by 351 miles) orbit with a 97-degree inclination. Each tiny satellite is a 10 cm (4 inch) cube weighing just 1 kg (2.2 lbs) into which the battery, transmitter and various experiments are packed.

Twelve of the satellites have downlinks in the Amateur Radio satellite allocation between 435 and 438 MHz, and one will operate on 145.980 MHz, so there will be lots of signals to listen out for after launch. None of the spacecraft will carry a transponder. Transmitter power outputs range from 10 mW to 2 W.

Handling the complex job of frequency coordination was International Amateur Radio Union (IARU) Amateur Satellite Advisor Hans van de Groenendaal, ZS6AKV, and a panel of experts who assist in frequency coordination and advise satellite builders.

Ralph Wallio, W0RPK, maintains a Web page with up-to-date CubeSat status (scroll down).--AMSAT News Service

From the ARRL Web Site

RACES NET SUNDAYS 8:45 PM 146.685
Except for Holiday Weekends

June 18 - July 29, 2006

Drumlins Amateur Radio Club, LTD

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<i>June 18</i> WARECS 8:45 pm	<i>June 19</i>	<i>June 20</i>	<i>June 21</i> DARC Mting 7:30pm	<i>June 22</i>	<i>June 23</i>	<i>June 24</i> Field Day
<i>June 25</i> WARECS 8:45 pm Field Day	<i>June 26</i>	<i>June 27</i>	<i>June 28</i>	<i>June 29</i>	<i>June 30</i>	<i>July 1</i>
<i>July 2</i> No Net Today WARECS 8:45 pm	<i>July 3</i>	<i>July 4</i>	<i>July 5</i> WA2SOK B'Day	<i>July 6</i>	<i>July 7</i>	<i>July 8</i> KB2ROP B'Day
<i>July 9</i> WARECS 8:45 pm	<i>July 10</i>	<i>July 11</i>	<i>July 12</i>	<i>July 13</i> KB2UDB B'Day	<i>July 14</i>	<i>July 15</i>
<i>July 16</i> WARECS 8:45 pm	<i>July 17</i>	<i>July 18</i>	<i>July 19</i> DARC Mting 7:30pm	<i>July 20</i>	<i>July 21</i>	<i>July 22</i>
<i>July 23</i> WARECS 8:45 pm	<i>July 24</i>	<i>July 25</i>	<i>July 26</i>	<i>July 27</i>	<i>July 28</i>	<i>July 29</i> Batavia Hamfest