



# SIGNAL

July 1995 Volume 4 Number 7

Remember, Remember, Remember this months meeting is NOT at the VFW. It is at 102 Groton St. on the regular night at 6 or 7 or when you get there. Family cookout and get together. See details below!!!!

## From The President's Desk

Well, I was rather disappointed that we couldn't put together a Field Day activity this year. But if you run based on last minute plans it is bound to happen. These things take a lot of work and more than a few people to support the 24 hours of operation.



So I went up to Mt. Wachusett to observe the MARA club activity (and see the top of the mountain, I had

never been up there before.) They were situated just below the summit of the mountain in a small clearing. While they are a smaller club than we are, they managed to field 7 or 8 stations. We have to plan it better and sooner, or call it off earlier, so that people can find somewhere else to go to participate if we can't get it together.

Also, just because we didn't run field day doesn't mean some people didn't put in a lot of work. Information packets were obtained from the League. There were log sheets and check logs to copy and prepare for each potential station and for each band they would operate. There were newspaper articles that were

prepared and delivered to the local papers, which were published. The articles were reformatted into posters that were placed around town. Permission to use the town field in Groton was applied for and required several months of follow up. Like field day itself, these things can't be done at the last minute, so people worked on them in the weeks and months before field day.

On a positive note; we provided communications support for the Pepperell 4th of July Road Race and the Pepperell 4th of July Parade the next day. I think everything went fine on these events and thanks to those who supported these activities (see article for more details).

Once Ralph is back MARA will probably be scheduling a fox hunt. By their tradition, the person finding the last fox becomes the next fox. That means I will probably be the fox in the next event. I will let you know of the schedule

Stan KD1LE

## ARRL Field Trip

The ARRL excursion took place June 17. The crew met for breakfast in Fitchburg and with that important detail out of the way trekked down to Newington CT. The ride was nice and the trip uneventful. I do mean uneventful. The League had changed to its summer hours and that means that it is not open on Saturday. We were there early so we stopped at Lentini's Electronics and did some shopping. For everyone's info only the station (W1AW) is available for use on Saturdays and that opens at 1:00 PM.

We plan to go again maybe late July, that gives everyone another shot at it.

## At The Last Meeting

Thursday - June 15, 1995  
Secretary's Meeting Notes

The speaker at the meeting was Brad Cole (K3XL), the SEC (Section Emergency Coordinator) for Eastern Massachusetts. He came to speak to us on the differences between ARES and RACES, and how it affects you and your community. He did a wonderful job telling us how to get involved in these events, what you do as a member, and who to contact! Two thumbs up for Brad!!

Some topics/events that were brought up at the meeting were:

The antenna bill is now on its way to the Senate. This is to make state laws match the federal PRB-1.

There is going to be a Coast Guard Special Event station on the training ship Eagle. It will be operating on the MARS frequencies and also on the regular "Ham Bands". Keep your eyes on packet, etc. for more info.

The next meeting will be at Stan's (KD1LE) house. Bring your bathing suit, hot-dogs, hamburgers, or steak, for a pool party/cookout. If you need directions contact KD1LE over phone, 2m (146.490), or 440 (442.900+, PL.100.0). SEE YOU THERE!!

At the board meeting on the 15th, the committee accepted the cost for the Field Day expenses.

Well, this is the first time in NVARC history that the Secretary has put his notes in the newsletter. I'm glad to be the first one to write them!! 73's and see you after Field Day Jeremy---  
KB1AWE

## This Month and Beyond

The July meeting will be held at my QTH on the regular meeting night at 6:00 PM It will be a family cookout. Bring your burgers or franks, the grill will be hot. We will provide the plates, napkins, utensils, and soda. There will be swimming and socializing. Bring some dessert to share. If you have something to show; QSL's a gadget, or something we will have a table to display things. You should bring a lawn chair for yourself and anyone who wouldn't want to fight over the available seating. The address is:

102 Groton St.  
Pepperell  
Talk in 146.49 simplex/442.900 repeater

The QTH is 0.5 mile from the White Hen when going south on Groton St. (driveway on the left).

The driveway is just after the road rises and curves to the left. Its a long gravel driveway and the house is not visible from the street. From the south on Groton St. the driveway is 0.25 miles after the crossing the Groton-Pepperell town line (driveway will be on the right). It is right after a Blind Driveway sign. Stan

## Upcoming Events

NE Convention Manchester, NH July 28-30  
Wellesley Flea Wellesley Aug. 6  
Pearlfest Brewster NY Sept. 10 9:00

## \$The Treasurer's Report\$

Since Ralph is out galivanting around the country on his vacation there is no formal report for this newsletter. The only significant activity is the cookout expenses which will be settled after the cookout and reported on in the next newsletter.

Stan



## Public Service

NVARC supported two events in June. We provided communications/course marshal type support for the Pepperell Road Race. Thanks to the following members who supported this activity. N1MNX Dave, N1VAV Greg, N1VAW Pat, N1PBL Lynda, KD1LE Stan, and WX1J Scott bicycle mobile.

The second event, which was only 15 hours later, was the parade. We again provided communications, helping out in the coordination of staging the participants, locating persons and information, and keeping track of progress of the parade. Stan



## FOR THE RECORD

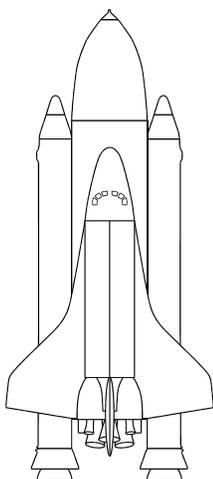
The Pepperell 4th of July parade kicked off at 10:30 on July 1st. The Amateurs that volunteered their time and their positions were as follows

Scott WX1J, was positioned (bicycle mobile--ed.) in the marshaling area and announced the start of the festivities.

Stan KD1LE, remained at the town hall to assure continuous contact with the parade director at the beginning of the parade.

Dwight AA1MT, was stationed just above the rotary and reported when the lead participants reached his location.

Den KD2S, was located below the rotary at the reviewing stand to relay the names of the winning floats and to report the progress of the parade. Units stopped at this location to perform for the committee. Den had replaced Lynda N1PBL, at this location to release Lynda who was running a Magic Tournament for the kids.



Ian NZ1B, reported parade progress from McNabb's drug store, being in a position to see a long way up Main St.

Russ WR1Y, acted as net control from his car backed into the old railroad bed below the dam on Main St.

John KA1ZTU, positioned himself in front of St. Joseph's Church and reported the passage of the first and last units.

Duane KD1JY, was located at the parade end at the VFW. From here he relayed the winning float numbers and assisted in getting transportation for participants from that location to the parade starting point.

Bob N1GCU, checked into the net and went standby for use if needed. He was driving a WWII Armored car type of vehicle and checked in from that vantage point.

Each location was advised to stand down when the parade had passed their location, the net being officially closed at approximately 12:00 noon.

The winning floats:--Tied for first and second place were the Women's Club and the Knitting Guild, third place being taken by the float depicting the USO.

Thanks was forthcoming from the committee for the performance and efforts of the Amateurs who participated.

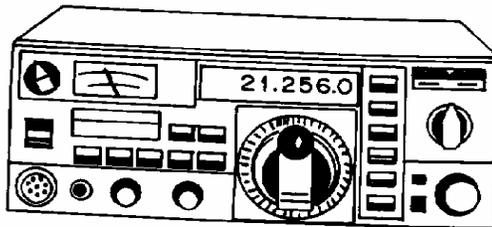
Earl WR1Y

In June, Races members in Pepperell were sworn in for another year of service.-ed.

Launch of the Space Shuttle Atlantis occurred on Friday, June 27, 1995 at 1932 UTC. The mission, designated STS-71, carries the Shuttle Amateur Radio Experiment or SAREX. Amateur Radio-licensed astronauts Ellen S. Baker, KB5SIX and Charlie Precourt, KB5YSQ will operate a 2-meter FM voice radio to make contacts with amateurs and student groups. **This same radio will also facilitate a rendezvous and docking with the Russian Space Station MIR.** Docking will occur approximately 2 days after launch, and separation is scheduled approximately 7 days after launch. Most SAREX activities are planned for after the shuttle and space station separate. Keep posted to W1AW for possible operating times and Keplerian elements.

### Radio Activity at NMRHS

Mr. Meshna's Electronics Club has evolved over the course of the last school year from a science club to an electronics club. As a requirement for credit the students had to achieve an Amateur Novice license. Four students did complete the requirements and are now licensed.



As part of his program, Mr. Meshna has purchased a Ten Tec Scout and a location has been allocated to set it up. He hopes to be on the air when school opens in the fall so that he can maintain momentum. He has arranged schedules for CW contacts with several other schools in the area.

Besides the radio (and I think power supply They don't have any other equipment or accessories.. There are some things I'm sure they do not yet have like; any type of paddle (the Scout has a built in keyer, I think), cable will be needed to get up to the roof, materials for building HF dipole antennas will be needed. So, when your cleaning your shack keep them in mind. I would suggest the next thing they should have is a packet station. So if you have any bits or pieces that would help toward that goal I'm sure we can put them to use.

Stan

### Massachusetts Ant Bill

### SAREX

Space Bulletin 009 ARLS009  
From ARRL Headquarters  
Newington, CT June 27, 1995  
ARLS009 Shuttle carries two hams

The Massachusetts antenna bill H2782 passed the House in May and is now in Senate Committee. This is the best the bill has done and with some help could pass this year. I would encourage everyone to call or write their Senator to ask for his support in passage. Stan

## DX Report

DX Bulletin 34 ARLD034  
From ARRL Headquarters  
Newington CT June 29, 1995  
To all radio amateurs

This week's bulletin was made possible with information provided by Tedd, KB8NW, and the OPDX Bulletin. Thanks to all.

HEARD ISLAND, VK0. The Australian Antarctic Division has issued a permit allowing a full-scale amateur radio operation, so plans are in place for this all band, all mode operation, including RTTY and satellite. A multinational team will sail from western Australia November 1, 1995, and expect to arrive at Heard on about the 12th. Departure from Heard will be on December 1. DXpedition organizers are 3Y0PI veterans K0IR, KK6EK and ON6TT. Other team members include HB9AHL, N6EK, PA3DUU, K5VT, DJ9ZB and JH4RHF.

JORDAN, JY. King Hussein, JY1, was on the air Thursday and Friday last week. List operations headed by Mary, WA3HUP, and Amir, 4X6TT, were on 14240 KHz starting at 2130z. QSL JY1 via WA3HUP.

TUNISIA, 3V. OE6EEG plans to operate club station 3V8BB during the first two weeks of August. Some RTTY is possible. QSL via JF2EFA.

UNITED ARAB EMIRATES, A6. Don, WB2DND, will be active signing A61AD between July 24 and 28, and again July 31 through August 2. Don's forte is CW.

CHAGOS ISLANDS, VQ9. Press, N6SS, is planning a 4 month stay on Diego Garcia and operating from club station VQ9SS. A 160 meter antenna is in the works. QSL via N6SS.

TOKELAU ISLANDS, ZK3. Ron, ZL1AMO, is signing ZK3RW with most activity being on 80 through 17 meter CW. Check 3505 KHz around 1016z, 14025 from 2300 to 0230, and 7005 at 0530. Listen on 14195 KHz for SSB. It has been reported that Ron will be there for about three more weeks. QSL via ZL1AMO.

WAKE ISLAND, KH9. AL7EL, WB2DND, KC7V, K4HQI, and possibly others, are planning a DXpedition scheduled for some time this fall. Three stations are planned and some action in the CQWW SSB Contest in October is possible.

COCOS ISLANDS, TI9. Jose, TI2JJP, may return to Cocos for about 15 days starting about October 9 or 10.

ANGOLA, D2. Peter, ON6TT, will be leaving for D2-land this week for a Red Cross mission for the next 2 months. Further details as they become available.

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin and Contest Corral from QST. Thanks to all.

SCARBOROUGH REEF, BS7. Wayne, N7NG, states that another license for BS7A has been obtained from the Chinese authorities. Another DXpedition will reportedly take place after this year's typhoon season. The operator team thus far consists of N7NG, ON1RY, SM7PKK, JH4RHF and two others.

CONGO, TN. Hazel, TN7OT, was heard on 14226 KHz around 2000z. QSL via Hazel, BP12, Impfondo, Republic of the Congo, Africa.

TUVALU, T2. After several delays, Masa, JE1DXC, finally became active as T20XC, with lots of activity on both CW and RTTY.

MONACO, 3A. Daniel, 3A2LZ, reports a few pirates have been active from his country. 3A50A has been on the air, though this call has NOT been officially issued. Another station in the same category is 3A2CC. Daniel mentioned contacts made between June 10 and 15 with the Rotary Amateur Radio Society, ROARS, special event station, 3A2RAR, should be QSL'ed via 3A2LZ.

ANTIGUA, V2. Doug, N3ADL, reports members of the Frankford Radio Club, FRC, will be active in this year's CQWW DX Phone Contest October 28 and 29 as V26B. QSL via WT3Q. Doug plans on being active before and after the contest as time permits on the RS12 satellite as well as on 12 and 17 meters as V26DX. QSL via N3ADL.

SPAIN, EH. Some 140 stations are now authorized to operate 6 meters using less than 30 watts of CW or SSB between 50.0 and 50.2

MHz. These stations change their prefix from EA to EH when operating on 6 meters.

SVALBARD, JW. Dominik, DL5EBE, will operate as JW0K while here as a member of a scientific expedition of the Norwegian Institute for Biology and Geology Tromso. This should take place from July 17 to August 10 with activity on 40 through 10 meters, mainly CW and RTTY. QSL via DL5EBE direct or the bureau.

KERMADEC ISLAND, ZL8. Although landing permission has not been granted, permission to operate has been granted for the November 1995 DXpedition. Funding for this operation is running shy of expectations. May 1996 is the back-up date for the DXpedition because the boat that goes to the island only goes there every 6 months to drop off supplies for scientists on the island. Permission to operate has been granted as of June 8th, but no permission had been issued to land on the island (this is still in the works). Meanwhile, Scott, AA8SM, is conducting a survey in the interest of finding amateurs needs, bands and modes, for ZL8. If you would like to participate in the survey, see the OPDX Bulletin 211 for a survey form.

### From Packet: Vanity Calls Delayed

W3LPL 11-Jul-1995 1046Z  
610V Vanity Call Form Delayed

I requested the 610V form from the FCC and today received this message: "FCC610V printing delayed, will not be available until late 1995- please reorder no earlier than 10/31/95- Thank You". I guess this means one more CONTEST season as N1EE/6.  
|Internet: scott@6.microbbs.us.com

### Bad Boys

QST de W1AW  
ARRL Bulletin 68 ARLB068  
From ARRL Headquarters  
Newington CT July 13, 1995  
To all radio amateurs

Four amateurs cited by the Federal Communications Commission for malicious interference on the 2-meter band have had the amounts of their monetary forfeitures adjusted.

The four, all in the New Orleans area, were cited for transmissions made in the spring of 1993. In September 1993 all four received Notices of Apparent Liability from the FCC's New Orleans office. The FCC, after reviewing responses from all four, then issued Notices of Forfeiture in November 1993, all in the amount of 2000 dollars. All four appealed the NOFs.



While these appeals were pending, the Court of Appeals for the D.C. Circuit vacated the forfeiture guidelines that the New Orleans Field Office had followed in the forfeitures, and on reconsideration, the FCC's Compliance and Information Bureau reduced them.

On July 10, 1995, the FCC issued Orders in all four cases, noting that the cases were based on information provided by the Amateur Auxiliary, and saying that "use of amateur volunteers for this is permitted by the (Communications) Act. In fact, the amateur radio community has distinguished itself for its self policing operations."

The FCC reduced the fine for Joseph F. Richard III, N5JNX, from 2000 dollars to 1000 dollars, rejecting his contention that tape recordings used by the FCC in the case are "inaccurate or misleading." Vernon Paroli, KA5OWW, had his forfeiture amount reduced to 700 dollars, based on his claim of being financially unable to pay the 2,000 dollar forfeiture originally assessed. The forfeiture amount for Will T. Blanton, N5ROC, was reduced from 2,000 dollars to 1,000 dollars. That of John B. Genovese, WB5LOC, was lowered to 500 dollars, because of the shorter duration of his transmissions.

### Board Meeting Notes

This months board meeting was held June 13th.

Some of the items discussed were;

Field Day and how to make next year more successful.

July meeting to be a cookout/pool party at KD1LE's. Bring your own burgers and some desert to share. Drinks, plates, utensils, etc. will be provided. Any questions call 433.5090

We approved the expenditure of funds for drinks for the cookout the amount which will be settled later.

With good weather upon us we were looking for any other activities that members would like. If you have an idea let us know.

## Windows 95

There's been a lot of hype about windows 95 relating to problems, what it can do, and what it cannot. For the DOS/Windows computer jocks who might be interested...I've been Beta testing Windows 95 for a while now, so if you have any questions about what it is, what it might do for you, when it will be available I'd be happy to chat. I've been running it with a number of applications both in the DOS mode and in Windows.

The biggest concern everyone will have is what about my current applications. Since DOS/Windows compatibility was a primary design goal for Microsoft its not likely you'll have a problem. However, there are some things that are not compatible and from a business standpoint not even desirable. If you're into screen-savers you'll have problems. But why have them anyway, they don't save your display. The real way to save your monitor is to have it blank (which even old Windows can do) or ideally, as in the new ones, to actually shut down the monitor when its not in use. Besides if you use networking software or Internet software you can have trouble with them. Another problem you will find is with third party memory managers. The solution here is to work with EMM386 that is provided with DOS. Windows has its own memory manager. There are other things like anti-virus software that is a problem because of the way they work. New versions of these are promised by the many vendors soon after the release of Win95. New software written for the 32 bit OS should be better and faster. In the mean time the current stuff should chug along as if nothing has happened. If you want to see it we can make arrangements. Stan

## NVARC QSL BUREAU

Last month no cards were sent to the QSL Bureau. My stack is starting to get up there and I've received some from Jeremy, so if there are a few more people with cards we can do a shipment in July after the meeting/cookout. If anyone is sending cards to the Bureau themselves ( I hope not) remember that the charge is now \$3.00 per pound of cards. Anyway, bring your cards to the meeting or to breakfast and the club will take care of the shipping. Stan

## From the Video Library

The Video Library has seven titles to loan.

- The Last Voice From Kuwait
- The all China DF Competition
- Your League at Work
- Signal to Noise Story
- Gonzaga Prep HS Radio Club Satellite Communications
- The New World of Amateur Radio

You can get them anytime you can catch me at home, and I will bring the available tapes to each meeting. Stan

## Resource List

Construction Earl Russell	448-5822
DX Bruce Blain	772-4138
NTS, MARS Stan Pozerski	433-5090
RACES Ben Akins	433-9227
TCP/IP Ralph Swick	582-7351



## Nashoba Valley Amateur Radio Club

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Editor: Stan Pozerski KD1LE  
PIO: Earl Russell WR1Y

Meetings are held on the 3rd Thursday of the month - 7:30 p.m. - Pepperell VFW hall. Talk-in 146.490 simplex

This newsletter is published monthly. Submissions, corrections and inquiries should be directed to the newsletter editor. Articles and graphics in most IBM-PC formats are acceptable.

Packet address: PEPMBX (145.09 MHz)