

# SIGNAL

November 1995 Volume 4 Number 11

## From The President's Desk

Well, I've been out and about representing you/us. I attended the October meeting of the Central Massachusetts ARC in Worcester.



They had a speaker on the subject of Linear Amplifiers. It was a last minute thing, but was a good presentation. I mention it because, as was pointed out at that meeting, many people have something to share and it need not be a full hour or more

presentation.

I participated in the Council of Eastern Massachusetts Amateur Radio Clubs (CEMARC) meeting on October 28th at Babson College. This was the first meeting with Larry Ober as the coordinator. The main subject covered at the meeting was to outline a mission statement that described what we wanted CEMARC to be and do. The primary objective for CEMARC has been to share information between the Eastern Mass clubs. This purpose was reaffirmed at the meeting.

Other subjects covered;

Phil updated the status of House Bill HR2782 which is the Mass PRB-1 law. He asked for people to contact their Legislators so that the rewritten bill gets returned to the Governor as soon as possible.

We discussed the Benefits of being a Special Service Club, whether they should be

changed, were they worthwhile, some suggestions for improving them.

The Framingham Club will be running the Mass QSO Party again this year. They are looking for another club to help and to learn how to do it.

Phil Temples announced the search for the Eastern Massachusetts Ham of the Year. I have a Handout for this. There is no application as such, its an essay type submission. So if you have a candidate in mind we should get started on this. The submissions must be received by January 31, 1996.



On another topic. In the past week or so I sent out twenty-five to thirty QSL cards for domestic contacts. Today alone I received three back that were undeliverable. The FCC is now sending renewal notices to Hams whose licenses are about to expire.

Since they are using the same data base their experience will be much like mine. The only difference is that when they get the card back as undeliverable it is cause for revocation of license. If you don't care about the FCC at least give those of us that QSL a break. Keep your address up to date. It's thirty-two cents a shot to mail QSL's these days!

Stan KD1LE

## Graphic Help

The wrapper for the newsletter has a map to the meeting location. I don't know who produced it, but I have been unable to edit it to change from the VFW to the Community Center. The drawing is in WMF and BMP format. Does anyone have the software to either update these files or create a new one that I can use in Microsoft Word? Thanks Stan

## This Month and Beyond

This month's meeting is at the Pepperell Community Center.

The December meeting will be Homebrew Nite. You still have time to build something for it....

## Space Shuttle/MIR and NVARC

Scott WX1J submitted our club as a possible candidate to Handle the QSL cards for Shuttle Mission at the Manchester Convention.

Recently he was informed that we would be the handler of QSL's for mission STS 76, which is scheduled for March 21, 1996 (if we were interested and confirmed). This is a shuttle mission with MIR docking. The mission will have four amateurs aboard. What we will have to do is send out the cards to those lucky amateurs that were logged by the mission Astronauts.

The ARRL prints up the cards designed by the mission astronauts working with AMSAT/ARRL. Two to three months after the mission the logs from the various modes are compiled and/or transcribed. We don't know the form of the final log or logs. All of the materials, logs, QSL's, and postage are then sent to the club handling the project. We could probably do it at a club meeting. We will give you more information as it becomes available.

Space Bulletin 022 ARLS022  
From ARRL Headquarters  
Newington, CT November 10, 1995



To all radio amateurs  
SB SPACE ARL ARLS022  
ARLS022 Next shuttle all licensed

Space Shuttle mission STS-74 is scheduled for lift-off at 1255 UTC on Saturday, November 11, with all five crew members holding Amateur Radio licenses.

NASA astronaut James Halsell, KC5RNI, and Canadian Space Agency astronaut Chris Hadfield, KC5RNJ, both received their licenses in recent days, and both plan to participate in Shuttle Amateur Radio Experiment (SAREX) activities during the STS-74 mission. Halsell is the shuttle's pilot, and Hadfield is a mission specialist.

Shuttle Atlantis's commander for STS-74 is Ken Cameron, KB5AWP, who used Amateur Radio from Atlantis during STS-37 in April 1991 and from Discovery during STS-56 in April 1993. This will be the third mission Cameron has flown where the entire crew are licensed radio amateurs.

Other STS-74 crew members are Mission Specialist Jerry Ross, N5SCW, who was also a member of STS-37, and who operated ham radio aboard the STS-55 Columbia mission in April/May 1993; and Mission Specialist Bill McArthur, KC5ACR, who used ham radio aboard Columbia during STS-58 in October/November 1993.

For more information on the SAREX program, visit the SAREX home page on the World Wide Web at <http://www.nasa.gov/sarex/sarexmainpage.html>

## Meeting notes from October 19th

This month we had two **wonderful** speakers! The first one was K9HI, Phil. He spoke about the different features of the ARRL and he explained to us what he does as the Eastern Massachusetts Section Manager for the ARRL. He gave us an outline of some benefits available to members of the ARRL, such as getting the ARRL Insurance, and a variety of awards you can get ( DXCC, WAS, WAZ etc.).

The other speaker was N1IST, Mike from Brighton MA (you might have read his article in QST about how to make a standard 12 volt connector), he helped Phil with some of his presentation.

But Mike's presentation was basically about the different newsgroups he runs. He is in charge of 11 or so Internet newsgroups. They are mostly all to do with the ARRL, and there are some to do with the Boston Amateur Radio Club

(BARC) and one to do with Fox Hunting. He does an excellent job maintaining these newsgroups!! For more information about how to subscribe to these newsgroups send a message to listserv@netcom.com with the body of the messages saying help.

Here are other things that happened at the meeting;

-The club did not help out at this years Pepperell Fall Classic Soccer Tournament, but we have been asked to provide radio communications for next year.

-The club has been asked if they would like to hold another Novice/Tech radio class at the Pepperell Community Center, our response was yes. (That class will begin Jan 9, 1996)

- Stan (KD1LE) reminded everybody about the slow speed CW net we are starting on a frequency of 28.123 Mhz., on Tuesday and Thursday nights at 8:00pm.

That covers it (according to my notes) for last meeting. Hope you all had a fun time and don't forget about the CW net!!

73's de Jeremy - KB1AWE

The meeting was followed by snacks and discussions on a variety of subjects such as help with problems or general discussions.--ed

### Field Day

We still need some people to head up the H.F. phone station and a satellite station. Remember, this is for planning purposes. It doesn't mean that's all you can do. This is the list right now.

#### H.F. CW STATION

Bruce K1BG, Bob N1UPQ, Stan KD1LE

#### POWER

Craig N1ABY, Ben KB1FJ

#### NOVICE STATION

John KA1ZTU, Wolfgang WA1VOU

#### SITE PERMISSIONS/PUBLICITY/SIGNS

Earl WR1Y, Dave N1MNX

#### H.F. PHONE

open

#### SATELLITE

open

### CW Requirement Stays

QST de W1AW

ARRL Bulletin 100 ARLB100

From ARRL Headquarters

Newington CT October 31, 1995

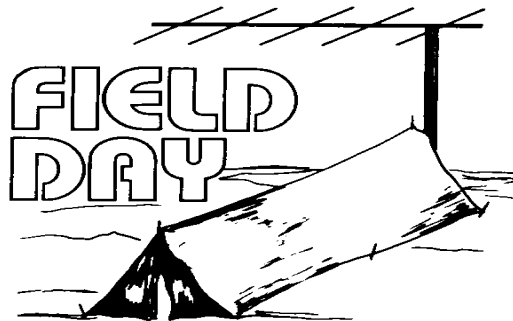
To all radio amateurs

On October 23, the 1995 World Radio-communication Conference, WRC-95, opened in Geneva. As described in November 1995 QST, page 106, one of the matters expected to be raised at the conference was a New Zealand proposal to delete from the radio regulations of the International Telecommunication Union the requirement that amateurs demonstrate Morse code ability in order to be licensed to operate below 30 MHz.

On Tuesday morning, October 31, New Zealand offered its proposal in Working Party 4C. While some other administrations expressed support, most who asked for the floor either opposed the change or said the time was not right and the issue needed further study within the amateur community.

Summarizing the discussion, the chairman of the Working Party said that most comments opposed the proposal and that he would send the matter to the Working Group of the Plenary, which is responsible for agendas of future conferences, to consider adding it to a future agenda in 1997, 1999, or later. This was acceptable to New Zealand.

WRC-95 is scheduled to complete its work on November 17. No conference decision



is final until it has been approved in final form by the Plenary, usually late in the conference.

Amateur Radio is represented at the ITU by the International Amateur Radio Union. Present at WRC-95 are IARU president Richard Baldwin, W1RU, secretary Larry Price, W4RA, and Region 1 vice chairman Wojciech Nietyk-sza, SP5FM. ARRL Technical Relations Manager Paul Rinaldo, W4RI, is a member of the

United States delegation, and other national delegations also have Amateur Radio representatives.

### H-2782/PRB1

#### H-2782 Saga Continues

In our last episode, bill H-2782, the legislation to place the wording of US bill PRB-1 regarding favorable zoning treatment for antenna towers intended for public service and emergency use, had been passed by the state House and Senate and was on Governor Weld's desk for signature. The Governor was concerned, however, about some additional words that had been inserted by the Massachusetts Legislature. Although the Amateur Radio community had not asked for any changes from PRB-1, the added words would have made the legislation even more favorable for us.

Given the long history of attempts to get this legislation through all of which had been foiled by the clock running out at the end of the legislative session, we urged Governor Weld to sign the legislation and not send it back for revision. The Governor's office apparently received a swarm of calls from the Amateur Community in the several days following the bulletin that the bill was on his desk. Thanks to everyone who called! However, the Governor decided to send the bill back anyway. Shawn O'Donnell K3HI, the EMA ARRL State Government Liaison, reports on November 1 that the house adopted the Gov's amendments, and "passed the bill to be engrossed." Now it goes to the Senate for a similar vote. First stop is probably the Committee on Bills in the Third Reading, just like it was in the House. After the Senate engrosses the bill, it makes the rounds again for a formality, the "vote to enact." Then back to Weld. Given the speed with which the House acted, perhaps we'll see this bill soon!

Ralph R. Swick kd1sm@iii.net

### VE Test Fees Changed

QST de W1AW  
ARRL Bulletin 101 ARLB101  
From ARRL Headquarters  
Newington CT November 1, 1995  
To all radio amateurs

Effective January 1, 1996, the maximum allowable reimbursement fee for an amateur operator license examination will be 6.07 dollars. The FCC set this amount based on the Consumer Price Index between September

1994 and September 1995 and it will be an increase from the current 5.90 dollars.

Volunteer examiners and volunteer examiner coordinators may charge examinees for out of pocket expenses incurred in preparing, processing, administering, or coordinating reexaminations for amateur operator licenses. The amount of any such reimbursement fee from any one examinee for any one examination session, regardless of the number of elements administered, must not exceed the maximum allowable fee.

### NVARC Slow Speed Net



The net meets Tuesday and Thursday at 8:00 P.M. on 28.123 MHz. Except the third Thursday of the month. that being the club meeting night. Also, since I am committed to the Board meeting the second Thursday I would hope someone will pick up the job of net control on that night.

### SETI

Special Bulletin 68 ARLX068  
From ARRL Headquarters  
Newington CT November 8, 1995  
To all radio amateurs

SB SPCL ARL ARLX068  
ARLX068 Pact in alien search

The nonprofit SETI (Search for Extra-Terrestrial Intelligence) League has entered into an agreement with Down East Microwave Inc. The company, owned by Steve Kostro, N2CEI since 1994, is located in Frenchtown, New Jersey, and manufactures equipment for amateurs for 6 meters and above.

Under the agreement, according to SETI League Executive Director Paul Shuch, N6TX, Down East Microwave will produce and market amplifiers, filters, down-converters, and other receive equipment designed by SETI League engineers, with profits to be donated to the SETI League's research fund.

Kostro said that "radio amateurs are in a unique position to succeed where government agencies have thus far failed. SETI is no longer science fiction, but mainstream science, and Down East Microwave is pleased to have a role in this important research."

An article about the search for extraterrestrial intelligence and the role that radio amateurs can play in it appeared in August 1995 QST on page 37.

### **\$The Treasurer's Report\$**

Income for October was \$35.00. Total expenses were \$25.60; the usual newsletter postage.



Current fund balances are

General Fund: 389.87  
Education Fund: \$207.34

Still thinking about joining the ARRL but haven't gotten a RoundTuit? If not, do we have a deal for you! Just hand me your membership application with the check made out in the full amount to NVARC. The club will supply the stamp and the ARRL rebates part of your dues back to the club. A good way to help all the way 'round. 73 de Ralph KD1SM

### **FCC/License Renewals**

The FCC has begun mailing notices of Amateur license expirations. They plan to make weekly mailings about 90 days before the licenses would expire. The mailing will include a computer generated Form 610 short form. If there are no changes, the form need only be signed, dated, and returned. For changes beyond spelling corrections, a regular Form 610 must be filed.

### **DX Report**

DX Bulletin 57 ARLD057  
From ARRL Headquarters  
Newington CT November 9, 1995  
To all radio amateurs  
SB DX ARL ARLD057  
ARLD057 DX news

This week's bulletin was made possible with info provided by Jean Michel, F6AJA, Tedd, KB8NW, the OPDX Bulletin, the Yankee Clipper Contest Club PacketCluster network and Contest Corral from QST. Thanks to all.

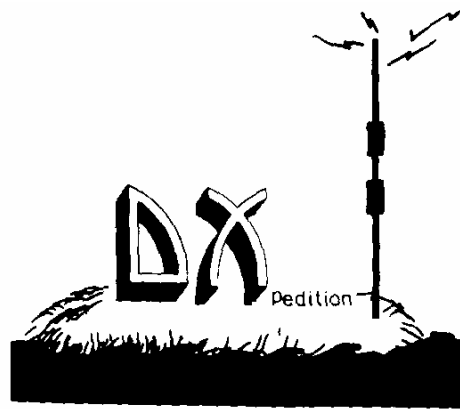
RWANDA, 9X. Mark, 9X/ON4WW, reports his 160 meter inverted-L should be back up soon. Listen for him Fridays at 2330z and Saturdays 0200z and during his sunrise.

NIGER, 5U. 5U7AA likes 15 meter SSB. Listen for him between 21255 and 21270 kHz between 1330 to 1530z. QSL via HH2HM/F.

LESOTHO, 7P. 7P8SR will be leaving Lesotho in a few weeks. He is the only 7P station regularly on CW and low bands. Check 3502 kHz at 0330z, 7018 kHz at 0245z, and 21010 kHz at 1530z.

SEYCHELLES, S7. Gerard, F2JD, should be on the air soon. He will be there until the end of November.

KENYA, 5Z. F2JD hopes to use his previously held call 5Z4JD for ten days in early December.



MADAGASCAR, 5R. Gerard, F2JD, plans to be active from here in January 1996.

MARSHALL ISLANDS, V73. JA1WPX will sign V73WP on AO10 and 13 November 25 to 28. His schedule for OSCAR 13 is November 25 from 0500z to 1300z, looking for JA, NA, VK and AF. November 26 from 0400z to 1200z, looking for NA, JA and VK. And November 27 from 0300z to 1300z, looking for NA and SA. OSCAR 10 operations will be from 1200z to 1500z on the 27th, looking for EU. QSL via JA1WPX direct or bureau.

ROTUMA, 3D2. Though his length of stay is unknown, Ron, ZL1AMO, has been active as 3D2RW. Check 3506 or 7007 kHz between 0900 and 1230z. Brad, SM5DOQ, has been on the air signing 3D2OQ. Most activity has been on the WARC bands. Try 10101 kHz between 1030 and 1330z, 18077 between 1800 and 1900, and 24900 kHz at 2300z. QSL via SM5DOQ.

ITU HEADQUARTERS, GENEVA, 4U1. Mark, AA1AC, will guest operate 4U1ITU November 20 and 21.

BERMUDA, VP9. Joe, N1OCS, will sign /VP9 November 13 to 16. He will operate as his work schedule allows. Plans are to give Novice CW and SSB operators a chance to log Ber-

muda. A good time to try him is 1100z. Joe suggests 1824.5, 3525 or 3670, 7025 or 7105, 10115, 14025, 18075, 21025 or 21105, 24895 and 28025 or 28100 kHz for CW. On SSB try 1845, 3795, 7065, 14195, 18145, 21295, 24945 and 28495 or 28305 kHz. QSL via N1OCS CBA.

GUANTANAMO BAY. Larry, WB6VGI, will be active as KG4ML December 5 to 12. Joining him on the trip will be Jon, W3JT, who hopes to have secured the call KG4JT. KG4ML will concentrate on the WARC bands. W3JT will be on all bands. QSL KG4ML to WB6VGI.

**Board Meeting Notes**

This months board meeting was held November 9th. We discussed or acted on the following subjects;

Bills and club financial status.

It was reported that the letter to the VFW thanking them for the use of the hall had been sent and we removed ourselves from the room reserved list.

The spring Novice/Tech class was discussed. It is sponsored by the Pepperell Parks and Recreation Commission. It starts January 9th.

Some possible future speakers were suggested, and will be contacted.

We discussed applying for Special Service Club status. Several years ago we discussed this and put together a preliminary application. It appears that with some touch up to bring it up to date this is still sufficient. We plan to do the fixing up in the next week and submit it to the ARRL.

**NVARC QSL BUREAU**

Well with a few contests last month I have about 1/2 of a pound of cards to go to the bureau myself. I have cards from one other person so far. I will be taking cards at the next meeting and will send out a shipment after the meeting. Anyway, bring your cards and QST label to the meeting or to breakfast and the club will take care of the shipping and bureau fee.

Stan

**Wanted**

Wanted, Bencher Paddles. Bob N1UPQ

**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**

PO Box # 900  
Pepperell Mass 01463-0900

Pres.: Stan Pozerski, KD1LE  
V Pres.: Bruce Blain K1BG  
Secretary: Jeremy Bisbo KB1AWE  
Treasurer: Ralph Swick, KD1SM  
Editor: Stan Pozerski KD1LE  
PIO: Earl Russell WR1Y

Meetings are held on the 3rd Thursday of the month - 7:30 p.m. - Pepperell Community Center  
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 OK.  
Packet address: PEPMBX (145.09 MHz)