

ZERO BEAT

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Meeting Highlights

Here are the highlights from the June 2nd SEMARA business meeting:

After the salute to the flag, and roll call, the secretary's and treasurer's reports were read and accepted.

The activity committee reported a spaghetti dinner will be held at the club house on June 30, at 6 pm. Admission is \$3 each. Get in touch with a committee member to reserve your seat.

The ham fest committee reported notices have been sent to publications.

Under new business, Pete reported that he had been contacted by N1PYN about getting operators for the Bike Tour. They need about five people. Also mentioned was to contact Bob, KA1YDG, if you wanted to work on the Fairhaven Road Race.

The yard sale has been cancelled due to limited interest.

An exciting auction was held to dispose of the old 2-meter yagis removed from the tower. Bill Miller, K1IBR, was the barker, and did a job that was simply outstanding. (If you weren't there, you missed the show of the year!)

Each of the four yagis were auctioned off separately. The bidding was frenzied, as club members strove to have the highest low bid, and take home the prize. After a few minutes of sometimes anonymous

bidding, the first antenna was sold off for \$17. What a deal! The buyer was pleased, although some felt the price was low.

The second antenna was now on the auction block. Again the bidding started at \$5, and slowly went up as members counted the money in their wallets. (Did they have any left after buying raffle tickets?) Some rushed to the phone to call home and get permission for another bid. Finally, it was done. The second antenna sold for \$16.

The third yagi was now up for grabs. Once again, the opening bid was \$5. (He was hopeful.) The bidding continued as Bill prompted the activity. After some more encouragement, the bids inched upward. Members started clammering for a chance to get a used and proven antenna for their shacks. The third yagi eventually sold for \$15.

It was then time to auction the fourth and final antenna. Would it bring in as much as the previous three? Could it bring in more? Would it sell at all? You already know the amount of the opening bid, but it was immediately outbid by another. This was the last antenna and they HAD to have it. Bidders checked and rechecked their money trying to figure out how many lunches they would have to skip to buy this gem. The bidding went ever skyward in a frenzy of activity. The last antenna finally went to a lucky new owner for \$12.

After thanking Bill for his service as auctionaire, several members were voted into full membership, and the meeting adjourned.

Next Meeting

The next SEMARA business meeting is July 7, 1994, 7:30 pm. The club meets Thursdays, with business meetings on the first Thursday of the month.

Can you see it?

It was easy to miss, but it was really there! A mini handheld, the Standard C108A was at the meeting in the possession of Don, WA1PLT. About the size of a cassette tape case, it uses 2 "AA" batteries and is easy to lose in your shirt pocket. Just ask Don!

New Washington Law

Washington State has a new law to protect amateurs. The statute limits the ability of municipalities to enact antenna and tower regulations by pointing out federal pre-emptions of PRB One.

Spectrum Auctions

Part of the radio spectrum is now officially for sale, according to FCC Chairman Reed Hundt. The auctions will be held the summer and fall, and includes frequencies to be used to expand mobile communications.

The auctioning of spectrum does not appear to hold the potential to impact on ham radio, but with the ham bands considered a valuable commodity by many

Packet Directory

144.990 N1KBT	145.090 KC1CE
144.990 NS1N	145.090 KD1NU
145.010 Fara Digi	145.570 AA1FS
145.010 N1CSI	145.530 KQ1K
145.050 WA1ZUF	145.710 KA1THM
145.070 WQ1O	145.710 KC1KM
145.090 AA1FS	145.710 N1LDY
145.090 K1UGM	145.730 KC1UA

lower the General class code speed requirement to 10 words per minute. The idea is gaining far more support than criticism. Some believe that the proposed lowering of the code speed does not go far enough, and should be lowered to five words per minute instead.

A five word per minute General class code speed might do well for a sagging ham radio industry, since it could conceivably generate an instant sixty million dollars in sales of transceivers, antennas and associated equipment. This is due to the fact that some sixty to seventy thousand technician class operators, licensed prior to the Novice Enhancement action of the mid 1980's, will be able to buy high frequency radios and immediately go on the air. (Any Tech licensed prior to Novice Enhancement has already passed the General Class theory test and a five word per minute code exam.)

The Amateur Radio Industry Group has not announced a date as to when it plans to file its slow-code rule making request with the FCC. Nor has there yet been any

The Glossary

Bandwidth

A specific range of associated frequencies. Usually used to identify a range of frequencies used by a particular radio transmission.

Harmonic

A signal occurring on whole-number multiples of a specific frequency, usually created by a transmitter or oscillator.

Skip Zone

A "dead zone" between two locations that is too distant to receive ground wave transmissions, yet too close for sky wave transmissions.

reaction to the idea from either the American Radio Relay League or the National Amateur Radio Association.

Mystery Circuit

Did you happen to see that "mystery circuit" on page two of last month's newsletter? Bill Miller, K1IBR, did, and he correctly identified the IC and function.

In Bill's words: "The IC is an LM567 Tone Decoder set to detect a 1kc tone with the output driving an LED."

Congratulations Bill! You win a 'round of applause'. I'm sorry to report that no one else even ventured a guess, which means either no one else is interested, or no one else is reading these pages!

Young HAM of the Year

Allison Zettwoch, KD4CKP of Louisville, Kentucky, has been selected to receive the 1994 Westlink Report Young Ham of the Year Award. Now fifteen years old, Allison took it upon herself to become a ham after reading about the hobby in a youth magazine.

She is also a motivating force among the young people in ham radio in and around the Louisville area, and recruits young scouts into the ranks of ham radio. In addition, Allison still manages to maintain a remarkable 4.0 grade point average, and is already taking ground school instruction in anticipation of getting a private pilots license as soon as she turns 16.

75-Meter DX

As of May 20, 1994, Japan has a new subband from 3747 to 3754 kHz, in addition to the bands at 3500 to 3575 kHz and 3791 to 3805 kHz.

'94 SEMARA OFFICERS

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William M. Miller, Jr., K1IBR, Chairman

For Sale

Alinco DJ-180 with 200 memory chip. \$220. Call Larry, AA1FS, 991-6055.

For Sale

Alinco DJ-160, with battery, pouch, mag mount and Concept RFC232. Call John, N11QU at 508-992-4440.

Repeater Directory

145.150 -	WA1DGW, Fall River
145.490 -	KA1WBF, Fairhaven
146.700 -	WA1RBT, Cranston
146.655 -	WA1GPO, Falmouth
146.685 -	N1OEG, Plymouth
147.000 +	W1AEC, South Dartmouth
147.045 +	WA1AIC, Yarmouth
147.135 +	ND1N, Taunton
147.180 +	WB1FLD, Bridgewater
147.315 +	N1BBT, Wareham
441.400 +	WG1U, Assonet
442.200 +	NY1D, Fall River
443.450 +	K1MYL, Westport
443.600 +	NS1N, Norwell
443.800 +	N1RFH, New Bedford
444.250 +	WA1GPO, Falmouth
444.350 +	W1ACT, Fall River
444.550 +	WA1ZUF, Bridgewater
446.325 -	KA1CLX, Plymouth
446.625 -	NC1K, Plymouth
447.075 -	N1DZD, Kingston
448.675 -	N1FPH, West Greenwich

Know of any local repeater frequencies not listed here? Send them in to the editor!

CALENDAR

- June**
 19: MIT Flea Market
- July**
 7: 7:30p, SEMARA Business Meeting
- August**
 4: 7:30p, SEMARA Business Meeting
 7: Flea, Wellesley
- September**
 21: MIT Flea Market
 27: Ham Fest, Gardner, MA
 28: Ham Fest, Fall River, MA
- October**
 1: 7:30p, SEMARA Business Meeting
 11: Ham Fest, South Dartmouth
 18: MIT Flea Market
 25: Ham Fest, Framingham

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VE EXAMS

- June**
 24: Holyoke, MA Jim, 413-245-3228
 25: Rockport, MA Rick, 508-283-2278
 25: Slatersville, RI Bob, 401-333-2129
 26: Rockport, MA Rick, 508-283-2278
 29: Hubbardston, MA Bob, 508-928-4459
- July**
 2: S. Dartmouth, MA Ray, 508-995-0334
 3: Nantucket, MA Terry, 508-228-7038
 3: Shirley, MA Tom, 508-425-6672
 4: Cambridge, MA Bob, 617-593-1955
 4: Nantucket, MA Terry, 508-228-7038
 9: Falmouth, MA Geoffrey, 508-548-0969
 9: Marlboro, MA Bob, 508-485-7006
 10: Gloucester, MA Rick, 508-283-2278
 12: Bedford, MA Edward, 617-377-2438
 14: Providence, RI Judy, 401-231-9156
 16: Melrose, MA Scott, 617-322-7654
 17: Shirley, MA Tom, 508-425-6672
 20: Cambridge, MA Nick, 617-253-3776
 22: Holyoke, MA Jim, 413-245-3228
- August**
 1: Cambridge, MA Bob, 617-593-1955
 6: Middletown, RI Jack, 401-683-2250
 7: Shirley, MA Tom, 508-425-6672
 11: Providence, RI Judy, 401-231-9156
 13: Falmouth, MA Geoffrey, 508-548-0969
 13: Marlboro, MA Bob, 508-485-7006
 14: Gloucester, MA Rick, 508-283-2278
 20: Melrose, MA Scott, 617-322-7654
 21: Shirley, MA Tom, 508-425-6672
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* Some sessions require preregistration and do not allow walk-ins. Please check with the contact listed for each session to verify the exam date, time, and location.

Wanted

PSU-3A Power Supply for "Swan" 700HF. Call after 4:40 pm, 508-993-7947, David, N1MVZ.

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