Yankee Clipper Contest Club

Scuttlebutt

No. 75 June 1988

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Captain's Cabin
Fred Lass, K2TR

A few weeks ago during a vacation in Washington, DC, we were driving by the White House. My daughter Kim (age 12) and son Eddie (age 6) told me that I should run for president. I responded that I had just been elected president of YCCC. They smiled warmly, like all children do when they feel proud of their father.

Contesting has always been a big part of my life. Can any other sport approach the mystique of propagation, the allure of foreign countries, the science of electronics, the art of antennas, the skill of operating, and the gratification of a winning effort? Club competition increases the gratification of contest operating. YCCC has many new members. I welcome each and every one of you. As we prepare for this year's contest season, your participation is important in order to keep YCCC winning. In the past, our competitors have reacted to challenge by fielding many DXpeditions and multi-ops. Of course, we will have those also, but I am encouraged by the enthusiasm shown by all of our members. Individual efforts by all members has made YCCC strong. Continued effort will make this club stronger.

This time of year thoughts naturally tend toward towers and antennas. This is good thinking, but this is also a good time of year to show your family how much you appreciate them. Renee (my wife), Kim, and Eddie are very understanding of me at contest time. I like to use the summer to do things for them, to do things that make them happy. I guess that makes me less guilty when I virtually ignore them on several winter weekends. The August picnic meeting is a good time to include your family. Last year we stayed overnight and toured Old Sturbridge Village.

Packet radio has made YCCC much more cohesive than ever before. The club growth that this has brought with it is capable of overloading our packet network. This is so ironic. Nevertheless, we need a plan to accommodate increased usage. because the only real test of our system is during contests. we must improve the network with contest activity in mind. Until now, the BBS stations have supported our network out of their own pockets. Expansion to 220 MHz BBS linking is so important that every member should find a way to enhance your local BBS. We will need TNCes, 220 radios, 220 antennas, and probably more 220 digipeaters or BBS. Please, find these items, or donate whatever you can afford. I need a volunteer to register our 220 frequency as well as a second 2-meter frequency with the co-ordinator. Can someone with a crystal ball and some intuition suggest a way to get all the DX info to everyone during the busy periods?

I would like to thank our outgoing president, Bill Pedersen, KM1C, for his fine job of building the club to the point it is now. His tireless work and insight has brought YCCC to the vibrant group that we are all a part of. The efforts by Bill and all of the officers are very appreciated. I look forward to working with

this year's slate. I know how hard each and every club member wants YCCC to be a successful, winning club. The accomplishments have been great. It is time to be even greater.

Floating
Paul Young, K1XM

What ever happened to Spring? You remember Spring, the time of year when the weather is not too hot, not too cold, but just right for doing the antenna work that you promised yourself last winter you would do but will end up putting off until Fall anyways.

This is the hardest time of year to get articles for the Scuttlebutt. Those of you who have said "yeah, I'll write you an article" can expect to hear from me.

Note that the next meeting is on **Sunday**. It has been listed incorrectly in the last few issues of the **Scuttlebutt** (and, for that matter, on our room contract with the Sheraton).

The next issue of the **Scuttlebutt** will contain the annual roster. If you think we may not have correct information about you, please update the list at the next meeting, or send Charlotte mail with your correct info.

Thanks to Rivendell for paying postage on this issue.

Next Meeting
Paul Young, K1XM

The next meeting of the Yankee Clipper Contest Club will be on Sunday, June 5, 1988, at the Sheraton Sturbridge, beginning at 1 pm. The program includes s discussion of antenna safety and construction by KY1H and an antenna and tower forum featuring K2TR, W1RR, N1CQ, and Mr. "X".

The Sheraton Sturbridge Resort and Conference Center is located on Route 20 in Sturbridge, Massachusetts, $\frac{1}{2}$ mile West of I-84 (first exit off I-84 when coming South from the Mass. Turnpike). Directions to the Sheraton are easy: Exit I-84 on to Route 20 West. You will pass through two sets of stoplights while noticing several motels on your right. Make a right turn just prior to the Burger King sign. This is the entrance to the Sheraton, and there is plenty of parking in front of the hotel.

The meeting dates for 1988 are:

DATE	DAY
June 5, 1988	Sunday
August 6, 1988	Saturday
October 1, 1988	Saturday
December 4, 1988	Sunday

Note that the August meeting will be a barbecue, probably at the home of K2TR, and that the October meeting will be at the ARRL New England Division Convention at Boxboro.

Secretary's Report
Yankee Clipper Contest Club

The April YCCC meeting was held at the Sheraton Sturbridge on 9 April 1988 with 71 members, their families, and many guests in attendance. Tom, K1KI, club Vice President, presided over the meeting in the absence of Bill, KM1C, club President. Guest Arie Spieker, PA0ARY, videotaped the meeting to show back home at his own club. After members introduced themselves and stated the maximum height they had ever climbed on a radio tower, we held a business meeting. The club treasury stood at $119.55, with $85.80 in postage for the last **'Butt** to be covered by Radiokit, and with membership dues due at the meeting. Tom reported than in last fall's Sweepstakes, a contest not emphasized by the club, we were number 7 in the medium club category, and the unlimited club category was won by Murphy's Marauders. A large number of YCCC members contribute their Sweepstakes scores to MM and their DX contest scores to YCCC. Club QSL badges were available. Tom reminded everyone that American postal rates have gone up. Rich, K1CC, is selling a DEO QSK 1500, a Moseley 2-element 40m beam, and a 40m kit for a TA33. New member Robert, WB1AUW, is helping V47NXX, the only cw operator on V4, look for a crystal-controlled 2m rig. Jeff, K1ZM, had an extra round-trip ticket to Dayton from Newark, leaving on Friday. Saul, K2XA, was selling raffle tickets for the Albany Radio club on a Yaesu FT109. Steve, K1ST, was helping PY1RO look for a manual for a 402BA (has antenna parts but no manual); Rich, KA1CI, said he had a copy. Jack, W1WEF, brought his DVK mod (see the last **'Butt**) for inspection by the club members. Ed, NT2X, was looking for more members wanting to order club jackets. He also talked about radio in the USSR and the possibility of joint DXpeditions with Soviet amateurs. A Creative Design antenna catalog was available for inspection. Tom thanked Radiokit for paying postage for the last **'Butt**.

Tom, K1KI, next posed some questions to the club that he was asked by an official of a local Caribbean radio club on one of his recent DXpeditions. 1. The local radio club wanted to know how they should respond to out-of-band 160m contest operation by a contest DXpedition to their country. Some YCCC members believed that the illegal operation should be disqualified, at least on 160m, and that the license should not be renewed, or whatever the normal punishment is for illegal operation in that country, but that the band allocation list should be given out with the li-

cense (as is frequently not done). 2. The local club wanted to know how they should handle unclaimed QSL cards from contest DXpeditions. YCCC members felt that this is not our problem. 3. The local club wanted to know what should happen if some of the contest station operators on the contest DXpedition do not have licenses for the country. YCCC members felt that unlicensed people should not operate, and that illegal contest operation should be disqualified. A couple of YCCC members related their experiences with the difficulty of finding out for sure about band allocations and license restrictions in some countries, indicating that not all "illegal" contest DXpedition operation happens deliberately.

The club welcomed eleven new members:

Robert Koerner, WB1AUW
Pat Couture, N1CKN
Thornton Ash, W1GIH
Bill Toomey, NG1N
William Foose, NK1Z
James Metcalf, NQ2D
Mike Gilmer, N2MG
John F. Bagno, KD2RD
Carl W. Wedekind, KA2VZW
Scott Detloff, NI8L
Matthias Strelow, DL7AEY/W1

The club voted to write a letter of recommendation for Dave, K1VUT, so that he can apply for a Foundation for Amateur Radio (F.A.R.) college scholarship, for which he needed a letter from an ARRL-affiliated club. Rich, K2WR, related a story about a contest DXpedition to St. Maarten, PJ7. John, K1AR, brought a book of old Scuttlebutts through 1985, including issue number 1 (April 1977), for people to look at. John also said that QSL card orders from the last meeting should be mailed out next week, and passed around order forms for new orders. The price has gone up slightly, to $40 for 2000 cards (minimum order), which includes shipping. Billy, KR1R, had certificates from the ARRL 160m Contest for KM1H (KQ2M op) for third place overall, N1ACH for second place in New Hampshire section, and for KY1H (N1EMG op) for first place in Western Massachusetts section. Billy will bring YCCC members' certificates and plaques to meetings rather than mailing them. Nominations were then entertained for club elections:

For President, Fred Lass, K2TR, and Bill Shaheen, N1CQ

For Vice President/Activities Manager, Jack Schuster, W1WEF, and Bill Shaheen, N1CQ.

For Secretary/Treasurer, Charlotte Richardson, KQ1F.

After the votes were tallied, Fred, K2TR, was elected Club President. A tie resulted for the Vice Presidential slot, so Jack, W1WEF, withdrew his name from nomination and the Club elected Bill, N1CQ, as Vice President/Activities Manager. Charlotte, KQ1F, was elected as Secretary/Treasurer.

Jeff, NK1F, then gave an ARRL DX Contest club score update. FRC was rumored to have 80M points. YCCC has 84.7M reported so far, which is double last year's winning score with a similar number of entries, reflecting improved solar activity. Jeff noted that the top single ops this year beat the top multi-ops from last year, and that scores in general were up 80 to 90 percent. Jeff showed slides of score statistics for the 1980s for PVRC, FRC, and YCCC. In seven out of the eight years, the clubs scored FRC, YCCC, and PVRC in that order. Last year, the club ordering was YCCC, FRC, PVRC. In fact, in the last few years, PVRC has ended up in the medium club category rather than the unlimited club category. There are other unlimited category clubs, but the PVRC score has so far always topped them. Jeff reminded everyone to send in all score reports to him.

After the break, Ed, NT2X, won $31 in the club 50/50 raffle. Then Bob, KQ2M, showed slides of his contest DXpedition to Ecuador as HD5X. His raw score for that effort was 6003 QSOs, 145 Zones, and 367 Countries, for 9.5M, and his final score was 5591 QSOs, 145 Zones, and 367 Countries, for 8,545,280 points.

After the meeting adjourned, hungry members descended on Rom's and other local eateries for much-needed refreshment!

Respectfully submitted,
Charlotte L. Richardson, KQ1F
Secretary/Treasurer
13 April 1988

Japan International DX Contest

"Five Nine" magazine, published in Japan by longtime **Scuttlebutt** subscriber Toshi Kusano, JA1ELY, is sponsoring a new contest, the Japan International DX Contest, to be held this November 11-13, 1988 (from 2300 UTC the day before the second Saturday of November to 2300 UTC the next day, for a total of 48 hours). DX single-op stations operate thirty hours out of the 48. Off periods consisting of at least 60 minutes each time must be clearly marked in the log. Multi operator stations may operate the full 48 hours. Full rules and log sheets are available from the club secretary. The winner of US Single Op Multi Band will receive a round-trip ticket to Japan (from LAX or SF round-trip to Tokyo). Toshi wishes us good luck!

Modify Your Beyer DT109 Headset!

Fred Hopengarten, K1VR

The best ham radio club bulletin in the world, the YCCC **Scuttlebutt**, has had a raging controversy going for about three years with respect to the Beyer DT109 headset. This article finally puts the matter to rest.

Background

The DT109 is an attractive gray plastic headset, with earphones which will keep out extraneous noise (as the Heil headset will not, due to to its open cell foam construction, and the fact that it does not seal around the ears). As a result, the DT109 is commonly used in theater and TV cameraman operations, due to its noise canceling features (that's why there are holes on the back of the microphone), its ability to keep unwanted sounds out of your ears, and its convenient, single cord for both headphones and microphone. it first came to my attention when K1GQ recommended it in the YCCC **Scuttlebutt**, due to his experience in using one with a KWM-380.

K2TR was able to get a reasonable deal on the Beyer headset, and several club members subsequently bought DT109's. I was a purchaser too. For the TS-930, however, the audio output was too low. In addition, the microphone didn't seem to have enough "punch" (defined as maximizing response in the 2-4 kHz range, for good communications, instead of maximizing response a little lower for a more pleasant sound with more bass). In tests of microphone response, K1GQ showed that the DT109 microphone had a significant lack of response above 1 kHz.

The K2TR solution was to add an audio step up, or matching, transformer. Along with others, I tried a Triad TY-142P audio transformer. It helped the "muffled sound" problem, but another big problem remained.

I also tried using a Heil microphone equalizer, the EQ-300, bought at a flea market for $15.00. This improved "punch", but still left the big problem.

The headset picked up a lot of hum.

W1WEF solved the hum problem by attempting to move his Triad TY-142P matching transformer, and cabling from his TS-830 to the transformer, away from the proximity of any power transformer in his shack. In other words, he dressed the mike cable away from the transceiver and amplifier. In addition, W1WEF used shielded cables from his transceiver to the matching transformer.

Eventually, K2RD and K1GQ solved the problem by substituting the Heil HC-4 element, available by mail from Heil, Ltd., #2 Heil Drive, Marissa, IL 62257, 618/295-3000. The unit costs $24.95, plus $2.00 shipping and handling.

Unfortunately, K2RD once described to me what he did to install the Heil element by saying that it was a "butcher job". K1GQ, when asked, replied that he didn't really remember how he had done the substitution, but "it wasn't pretty".

Therefore, before trying that route, I took the headset to local audio fiend WA1EKV, who, after trying various configurations in his workshop, including a different audio transformer, concluded that the problem was indeed that the DT109 was very, very sensitive to the presence of a power transformer. He recommended substitution of a tiny electret microphone with a hearing aid battery, which would only have to be changed every few years. This was a low cost solution, but I balked at soldering in a new battery. With my luck, it would run out of power during a contest.

WA1EKV also recommended that I might simply try to find some mu-mutel, an industrial material which will essentially shield against electrical magnetic force. Mu-metal is available in a thin foil which can be cut with a scissors, but finding it might be a trick for me, and might have well come from a supply house with a minimum order of $25 or $50.

Now convinced that K2RD and K1GQ had the best technical solution, and undaunted by their descriptions of the work, I set out to solve the problem with the Heil element solution, recording the steps for the readers of this august journal, so that others might be spared the problem of a solution which wasn't pretty.

Installation Technique

I enlisted the help of a neighbor, Al Slisky, an analog engineer who lives a few houses away, and very handy fellow. He's one of that rare breed who can fix just about anything. hereafter follow the instructions. Time required: 20 minutes. Tools and materials required:

- Set of jewelers screwdrivers
- Epoxy glue
- Small, controlled-heat soldering iron

Note that disassembly required no real force. If you think that you've got to break a part, you are doing something wrong.

- Remove the screw next to the "200 ohm" stamping near the microphone. Take great pains not to lose that tiny screw.

- Remove the plate held on by the tiny screw.
- Unsolder the small blue and red wires.
- Remove and store the large foam pad.
- The cage and microphone housing will now unlatch, almost unhinging. Note that it is not necessary to break anything to get at the microphone element.
- The element sits in a plastic, circle-shaped housing held in place to a microphone face plate by a solvent glue (though it may also be a rubber cement). Carefully score and scrape around the circumference of the plastic button which contains the microphone element (a jewelers screwdriver, or shop knife – used carefully – would be useful).
- Pry the microphone element upward and out. Discard the circular cover and pad for the old microphone element.
- Drill a 3/16" diameter hole in the center of the microphone housing face plate, to permit sound waves to get to the single hole in the center of the Heil element.
- Using an epoxy glue, glue the HC-4 element in place, allowing 10 minutes for the usual 5 minute epoxy to dry. You don't believe that it is really dry in just five minutes, do you?
- Reuse the leads from the old element, or use fresh #28 stranded, insulated wire. Follow the Heil instructions with respect to soldering to the microphone element. Note that it really doesn't matter which wire is which, unless you are an audio purist, fanatical about preserving absolute phase.
- Snap the cage back in place, on top of the microphone housing. Replace the flat plate held in by the tiny screw you have been saving. Replace the large foam pad and you are done.

Conclusions

There are good reasons why Astatic's D-104 is in a metal case and why other manufacturers use metal cases for their microphones. Nonetheless, the method described here solves the problem. it also gives you a microphone which now employs the same element that is employed in the Heil headset, but with earphones which you may now consider superior to the Heil earphones.

This modification is considerably simpler than I thought it would be, if one recognizes that the microphone element should be taken out with the circle of plastic, into which it is inset, still intact.

I find that during the course of a contest I change earphones several times, to give my ears a rest by varying the pressure points. It seems well worth the small effort to add another good headset to the options available.

What the Yuppie Contester Used Before and After the Stock Market Crash

Rich Gelber, K2WR

Before: Gold-plated Bencher paddle.
After: Knife switch.

Before: Telrex stacks on 40 thru 10 meters.
After: Modified TV antenna in attic.

Before: D-104 on boom stand.
After: Radio Shack tie-clip mike.

Before: 450 Mhz rig disguised to look like cellular phone.
After: Regency HR-2B with RF feedback.

Before: Phased vertical array for 160.
After: Drain pipe antenna.

Before: Master clock driven of WWVB.
After: Thinks he can tune in CHU on Super-pro.

Before: IBM PC-AT for logging.
After: Commodore 64 with intermittent <Enter> key.

Before: QSL card from JY1 delivered by courier in limo.
After: Message left at felafel stand.

Before: Bold-type listing in Callbook.
After: Deliberately scrambled address to fool creditors.

Before: Customized 8877 from ETO.
After: Sweep-tube amplifier with vise-grip for band switch knob.

Before: First IC-781 in U.S.
After: DX-40 without cabinet.

Before: Set of leather bound callbooks.
After: Phone number of local traffic handler.

Before: Weekly delivery of QSLs from Bureau.
After: Letter sorter keeps losing address.

Before: Ran JA's on 160.
After: Can usually hear WA2SPL between static crashes.

Before: Use 7/8 in. Heliax to feed all HF antennas.
After: Zip cord from hardware store.

Before: Bought eleven Honda generators for Field Day.
After: Gave three neighborhood kids a buck each to pedal bicycles all night.

Before: Hand-stitched satin YCCC jacket.
After: Budweiser bowling league shirt.

Before: Went on two-week DXpedition to 3A.
After: Spent weekend in Poconos.

Before: Bought every Motorola HT for sale in Dayton flea market.
After: Borrowed ticket from friend who left Saturday.

Before: Invited to join Quito Radio Club.
After: Kicked out of FRC.

Curing TVI and Hi-Fi Interference

Bill Schrader, K2TNO

(reprinted from **The Bullsheet**, News Bulletin of The Texas DX Society, Volume XII, Number 1, January 1988.)

I have tried recently to cure a very bad case of TVI, etc. in my own QTH. Since the ham rig is on a city lot with my house stuck into the antenna farm, my HF kilowatt did a terrific job of trashing the TV, the stereo and the telephones. With the fixes below, there is no longer any interference on any band. Let's take them one at a time; I believe from my experience that you will find that each step adds a little to interference reduction. Since the objective is to have the interference gone completely, I suggest you do all the changes, not just some of them.

Telephone:

Symptoms: Very loud thumping on CW, totally unable to hear a phone call.

Equipment: All Bell phones. The cheap plastic phones from Radio Shack, etc., are a disaster because they contain a bunch of ICs in an unshielded plastic housing.

Cures:

- Put 0.01 μF ceramic capacitors across each mike and each earphone on every telephone in the house. Bell phones have screw terminals at the elements, and no soldering is needed.
- If you insist upon using the cheap phones, try the following:
  - Remove entire guts of the phone and spray-paint insides of the plastic case with EMI/RFI black spray paint (available from GC; City Electronics carries it).
  - Add 0.01 μF caps as with regular phones.
  - Add Amidon Ferrite beads to both sides of the input line. Use beads #FB-73-801, the highest impedance rating available. NOTE: This type of bead is not a good insulator so use care not to short them to anything.

Hi-fi stereo receiver

Symptoms: Loud thumping, worse on phono position but majority of noise is independent of the volume control.

Equipment: Separate turntable, Heathkit AR1500A receiver, two speakers about 15 feet from the amp.

Cures:

- Install shielded speaker leads, with the shield grounded to the amp chassis only. Use two wire #18 twisted pair with shield; don't use the shield for a signal lead.
- DO NOT bypass the audio output terminals of a solid-state amp, contrary to the diagrams in some publications. The capacitive reactance can cause the output transistors to oscillate and self-destruct.
- Internal changes to amp: Open the case and install a ferrite bead on each speaker output lead. Also, put beads on each audio input lead for the phone and other inputs (such as the tape input). The beads are cheap and easy to install, so put them on all leads you can. Then, bypass the terminals with 0.001 μF disc ceramic capacitors. (By adding the beads as RF chokes, the capacitors are on the speaker side of the chokes and not directly across the amp output transistors.)
- Wrap the cable from the phono around a ferrite rod or toroid. Choose high-permeability core, over 900 μ. This keeps the phone leads from picking up RF.

Television set:

Symptoms: All HF band transmissions cause severe picture problems. On some bands the screen goes black. Problem is worst on channel 2, but even channel 13 is affected.

Equipment: Ten-year-old Zenith 19-inch portable color set, rabbit ears (on cabinet).

Cures:

- An external antenna fed with 75 Ω coax makes a big difference. The added signal levels are very worthwhile. Place a two-hole ferrite bead on the balun twin-lead right at the TV 300 Ω antenna terminals. (Put a bead inside if set has 75 Ω VHF coax input already).
- Internal changes:
  - Build a high-pass filter from the **ARRL Handbook**. Assemble on a small piece of perf board, and install right at the VHF tuner input terminals. Put another ferrite bead at the antenna side of the high-pass filter. Commercial units can be purchased, but they are more bulky usually. The internal location for the filter is much preferred and neater, since the filter is right at the tuner itself.
  - Remove guts of TV from plastic cabinet, clean the plastic thoroughly and spray with RFI/EMI paint. This step provides the equivalent to having the set in a metal box. It's a pain in the neck to remove the TV, mask the unpainted parts of the cabinet, and reassemble, but worth the effort.
  - Wrap the TV power lead around a 6" ferrite rod right at the set. I found that despite the rod some RF entered on the power cord, so I also added to the power cord a small minibox containing a brute force line filter. The filter circuit is in the **ARRL Handbook**.

Rig itself

Equipment: 100 watt exciter, KW amp, coax feedlines to miscellaneous dipoles, vertical, and triband quad.

External changes:

- Power lines to rigs: Install brute-force line filter on the amp power line right at the chassis. Be sure to wind the coils out of at least #14 enameled wire to carry the current.
- Ground wires should run from the exciter to amp, tuner to amp. Then a heavy wire to an earth ground rod from the amp. Use braided copper strap for the leads.
- Coax connectors, baluns: Ancient coax and improperly-soldered coax connectors just add to the headaches. Baluns, once overheated, lose their characteristics and become good RFI radiators.

Filters:

- Use a good quality low-pass filter on the amp output, and also use one between the exciter and the amp.
- Use individual band harmonic filters made of coax on each band, switched to the proper band by the antenna switch. Details of the filters I have designed have been published in **The Bullsheet** before. In general, each one consists of a pair of coax stubs 1/2 wavelength long at the 2nd harmonic frequency. The stubs are shorted at the far ends. These filters provide an additional 25-35 dB of harmonic attenuation. For 1500 watt amps, I recommend the coax be coiled inside a 1 gallon paint can and filled with transformer oil (available in 5 gallon drums from Gulf Oil Company, "Transcrest H").

Rig tuning: Amplifier splatter puts out junk all over the spectrum. Be sure you know how to tune and operate your rig so it does not have key clicks or splattering on SSB. Borrow a scope monitor from somebody as a check. Trapezoid patterns are the only way to tell what's going on; a Heath monitor scope or Kenwood monitor will work fine.

Antennas: Resonant antennas with low SWR are the best you can do to prevent TVI. I assume you've already gotten your antennas as high as possible anyway! Random wires (i.e., non-resonant) fed with a transmatch have higher SWR on the transmission line. My own experience is that these antennas are far worse offenders than resonant ones.

Other rig considerations: Be sure the amplifier cabinet makes good electrical contact to the chassis all the way around. Scrape paint off the inside surface of the cabinet at each screw hole to improve the RF-tight enclosure.

Recent developments

The new RFI federal law has resulted in dramatic improvements in televisions and other electronic gear as far as interference is concerned. Several neighbors with new TV sets get no interference to the unmodified TV set, whereas my own older set was eaten alive by HF overloading.

I have had no trouble with RF in my Fisher VCR, which is packaged with a metal top and metal bottom. If a VCR is used as the TV tuner (the usual case these days), put a high-pass filter on the TV antenna input of the VCR also.

Summary

There is nothing that gets the neighbor's attention as well as showing him or her the clean bill of health at your own place. The changes above take time and pa-

tience, but have certainly been worth the effort. To operate an entire Sprint and not have my wife bitch at me once was reward enough!

Score Rumors:
Jeff DeTray, NK1F, YCCC Scorekeeper

ARRL DX CW:
Single-Op:

Call	Qs	Cs	Score
K1VSJ	86	61	15K

ARRL DX SSB:
Single-Op Single-Band:

Call	Band	Qs	Cs	Score
K1VSJ	20	179	51	27K

Movers and Shakers

Update your club roster to show the following changes:

New work phone number for newly-elected club Vice President Bill, N1CQ, is (203)486-4537.

The correct mailing address for Dana, K1RQ, is:
Dana Cobb, K1RQ
P. O. Box 813 Cobb Rd.
Raymond, ME 04071

Doug, WB2KMY, has moved:
Doug Sharp, WB2KMY
1197 Hillside Avenue - A16
Schenectady, NY 12309
Home phone: (518)370-8799
Work phone: (518)346-6666

New address for Charles, KD2SX:
Charles Morrison, KD2SX
P. O. Box 9106
Pawtucket, RI 02862

Correct phone numbers for Dave, W1WAI, are:
Home phone: (617)443-9867
Work phone: (617)490-7715

The correct home phone number for Don Tanguay, N1BVZ, is (617)871-0590.

New work phone number for Gordon, KA1DWX, is (617)632-0667 (after July 15th, area code 508).

New address for Bob, KN1K:
Bob Weinstock, KN1K
P. O. Box 331
Cambridge, MA 02238

NEW AREA CODE: After July 15th, many members in the East Mass. section of the club who are currently in area code 617 will be in area code 508.

New Crew

Please welcome the following new and returning members who joined at the April meeting:

Robert Koerner, WB1AUW
Kilowatt Alley
Becket, MA 01223
Home phone: (413)623-5460

Pat Couture, N1CKN
50 Canal Street
Medford, MA 02155
Home phone: (617)488-8144

Thornton Ash, W1GIH
163 Nowell Farme Road
Carlisle, MA 01741
Home phone: (617)369-9282
Work phone: (617)264-6411

Bill Toomey, NG1N
4 Twilight Drive
Nashua, NH 03062-1469
Home phone: (603)886-1120
Work phone: (603)884-7639

William Foose, NK1Z
26 Douglass Avenue, # 7
Maynard, MA 01754
Home phone: (617)897-4766
Work phone: (617)271-2026

James Metcalf, NQ2D
Box 50
Sound Beach, LI, NY 11789
Home phone: (516)744-9422
Work phone: (516)467-4800

Mike Gilmer, N2MG
4 Grandview Lane
Smithtown, NY 11787
Home phone: (516)265-8198
Work phone: (516)845-2902

John F. Bagno, KD2RD
18A Stony Road
Stony Brook, NY 11790
Phone: (516)751-3473

Carl W. Wedekind, KA2VZW
7 Prospect Avenue
Albany, NY 12205
Home phone: (518)489-6652

Scott Detloff, NI8L
2 Roedean Drive
Nashua, NH 03063
Home phone: (603)883-2929
Work phone: (603)889-7377

Matthias Strelow, DL7AEY/W1
131 Abbot Street
Andover, MA 01810
Home phone: (617)470-0691

THE CLUB RESOURCES PAGE
THE Place to Find Club Information

DUES are due at the April election meeting, which begins our club "contest year", with a grace period until the end of June. Membership in the club will **lapse** at the end of the grace period if dues are not paid up. In order to re-join the club, a lapsed member must attend a meeting, like any new member, and be welcomed back into membership, or may become a subscriber to the **Scuttlebutt** by paying up (see below). Club members who move out of club territory and so are not eligible to contribute to club aggregate scores automatically become subscribers. New members who join at the last meeting of the club's contest year (February) are credited with dues for the following year (that is, the contest year beginning that April). You can tell if you owe dues by checking your **Butt** mailing label. Only paid-up members are eligible to contribute to the the club score in contests.

FAMILY MEMBERS Members of the same family living at the same address may elect to receive only one copy of the **Butt**. One member of the family must pay full dues, enabling the rest of the family to join as family members. Being a family member is currently free.

STUDENT MEMBERS Full-time students are eligible for dues at half the regular rate.

SCUTTLEBUTT SUBSCRIBERS Anyone may subscribe to the club newsletter, the **Scuttlebutt**. A subscription currently costs $10 per year. At the present time, overseas subscriptions cost the same as domestic (we have very few overseas subscribers). The subscription period begins at the beginning of the club year, in April. New subscribers who begin their subscriptions after the December issue are considered to have paid for the following year (that is, they receive as many issues as new members joining at that time do). You can tell if your subscription is current by checking your **Butt** mailing label. The grace period for late subscriptions is the same as for late memberships.

SCUTTLEBUTT ARTICLES should be sent to the **Scuttlebutt** editor, Paul Young, K1XM, 11 Michigan Drive, Hudson, MA 01749, home phone (617)562-5819. The deadline for each issue is three weeks before the next meeting.

CLUB JACKETS are available through Ed Kritsky, NT2X, 580 East 17th Street, Apt. 2F, Brooklyn, NY 11226, home phone (718)284-4493.

CLUB QSL CARDS are ordered through John Dorr, K1AR, 2 Baldwin Street, Windham, NH 03087, home phone (603)434-5661.

CLUB QSL CARD BADGES are available from Tom Frenaye, K1KI, 23 Pinehurst Road, Box 62, Unionville, CT 06085, home phone (203)673-5429, by sending him a club QSL card. The cost is $1 payable to the club treasurer on receipt of your badge.

PACKET NET information is available from Dick Newell, AK1A, 8 Golden Run Rd., Bolton, MA 01740, home phone (617)779-5198, or Dave Robbins, KY1H, Baumann Road, Peru, MA 01235, home phone (413)655-2714.

CONTEST SCORES are sent to the club scorekeeper, Jeff Detray, NK1F, P. O. Box 524, Troy, NH 03465, home phone (603)242-7995.

CLUB ROSTER appears in the summer issue of the **Scuttlebutt** every year. Updates are published when members move or change callsigns. If you want a new copy of the club roster, contact the club secretary/treasurer, Charlotte Richardson, KQ1F, 11 Michigan Drive, Hudson, MA 01749, home phone (617)562-5819.

CONTRIBUTIONS The YCCC welcomes your contributions, be it money to help offset the cost of the **Scuttlebutt** and club operations, scores for the club aggregate score, time spent helping other members, articles for the **Scuttlebutt**, or presentations at club meetings.

DXCC LIST The club maintains a one-page version of the ARRL DXCC Countries List. To get a copy, send an SASE to the club secretary, Charlotte Richardson, KQ1F, 11 Michigan Drive, Hudson, MA 01749. Complete DXCC rules are only available from the ARRL.

ARRL LIAISON For ARRL matters, contact Tom Frenaye, K1KI, 23 Pinehurst Road, Box 62, Unionville, CT 06085, home phone (203)673-5429.

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