

# Scuttlebutt

February 1995

Issue 115

## Captain's Cabin

*J.P. Kleinhaus, AA2DU  
Vice President*

A small (but growing) portion of the membership has taken it upon themselves to ensure victory in the upcoming club competition. This desire to win has manifested itself in many ways. Some of us have developed an awards program for the club in order to recognize those operators whose participation is so vital to the club score. Some of us have volunteered our time to speak at the numerous Contest Universities that have taken place throughout the club territory. Some of us have used their valuable spare time (and who has much of that lately?) to contact members who have lapsed in their meeting attendance or dues and renew their interest in the YCCC. Last but not least, some members have been gracious (foolish :-)) enough to host a Contest University in their homes...witness K1KP's hugely successful CU with forty-eight (48!) people attending!

My point is this: Do we have what it takes to win? Absolutely! Our skills are not in question here. Nor is our equipment second rate. Is it our location? I hardly think so. After all, we're 300 miles closer to Europe and it's the bottom of the sunspot cycle...we couldn't be in a better place for this contest! What we need to do is become focused on how to maximize the club score rather than highlight our own individual efforts.

What do I mean by this? We need to concentrate on categories of participation that will maximize the return (in club score) on our investment (time and effort). We need more people in the

single-op/all band and single-op/assisted classes. We need more Multi-Single and Multi-Two entries than Single-Band or Multi-Multi entries. Those are the entries that give the biggest bang for time spent on the air per operator. Although it may be fun to win your section for 160 meter single band phone, you have actually cost the club points...points that we desperately need to beat FRC!

The club is willing to support you with awards for your participation and contribution to the club score. How about supporting your club with some points?

## Editor's Notes

*Paul Young, K1XM*

Many of you have followed the discussion of club participation on the Internet or on packet, and some of you heard Dean, N6BV's talk at the October meeting. For those of you who missed them (or who would like a reminder) this issue contains an article by Dean which covers the subject of his talk, as well a letter that Tom, K1KI sent on the Internet and packet, which show a bit of the history and what is being done.

## February Meeting

*Paul Young, K1XM*

The next meeting of the Yankee Clipper Contest Club will be on Sunday, February 5, at the Sturbridge Host Hotel, beginning at 1 pm. The program includes:

AD1C talk on CT V9 tricks and techniques (CT for the clueless).

N6BV talk on customized propagation charts (YCCC's secret weapon).

### Best of Contest University

Workshops - small groups, maximizing score with available equipment.

The Hosts Hotel is located on Route 20 in Sturbridge, Massachusetts, 1/2 mile West of I-84 (first exit off I-84 when coming South from the Mass. Turnpike).

To get to the Host Hotel, 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 Host Hotel. There is plenty of parking in front of the hotel.

The meeting dates for 1995 are:

| DATE             | DAY      |
|------------------|----------|
| Feb 5, 1995      | Sunday   |
| Apr 2, 1995      | Sunday   |
| June 4, 1995     | Sunday   |
| July 29, 1995    | Saturday |
| August 12, 1995  | Saturday |
| October 15, 1995 | Saturday |
| December 9, 1995 | Saturday |

The July meeting is at the ARRL Convention in Manchester, NH.

The August meeting is the club picnic.

## Do We Really Have What It Takes to Beat FRC?

*R. Dean Straw, N6BV*

Frankly, when the results for the 1994 ARRL DX Contest came out in October 1994 QST, I was profoundly embarrassed by how much the Frankford Radio Club had beaten us - 133.5 meg to our 85.9 meg. Woof.

### Analyzing the Results

I was impelled to examine the history of YCCC vs. FRC. The accompanying graph shows the last 14 years of competition between the two clubs. Depressing, isn't it? With the exception of 1987 and 1988, FRC has beaten us for 12 of the last 14 years. And we like to think of ourselves as the "premier contest club in the U.S."?

I needed to analyze the situation a little further, so I went directly to the source. I contacted Charlie Fulp, K3WW, a prime mover and past president of FRC. Charlie was intrigued and challenged that YCCC might provide FRC with some legitimate competition - after all, they were getting a little bored with winning it going away every year! He was kind enough to supply me some raw data about individual station scores and the categories in which each had operated. He was careful not to reveal any deep, dark secrets, leaving it up to me to draw my own conclusions about why FRC is so effective.

So here are some of my conclusions. On the graph you can see that I overlaid over the score totals the number of stations contributing to the club score each year. This data was taken from the QST results. You should note that when the YCCC last won in 1987 and 1988 we had just about the same number of stations on the air as did FRC. Obviously, one of the "secrets" is getting people on the air. (By the way, N1AU, president of YCCC when we last won, told me that we were also the only ones with PacketCluster running, and that we also had CT before FRC did.) In 1992, we did get roughly the same number of stations on as did FRC, but they waxed us that year. So, getting many stations on the air must not be the only thing FRC does right.

Now look at the accompanying table, labeled "YCCC and FRC, 1994 ARRL DX, A Comparison". Here the club entries are classified by category of operation. The number of operators in the multi-x categories were gleaned from QST. (Note that the total score shown in this table is less than the number shown in QST for the YCCC. This was a problem in the database given to me, but does not affect the conclusions drawn below.)

In terms of average points per operator, in every category except for Single Op (unassisted), FRC bested YCCC! Since they had a higher average per operator in every category and since they had more operators on the air, FRC beat us easily. Or at least it looks easy...

We won in Single Op category only because the biggest S/O scores usually come out of New England (K1AR, K5ZD, N6BV, etc.) because of our marginal geographical advantage - being closer to

Europe. Too bad we can't parlay that into winning overall.

Where FRC has lately been directing their attention is the Single Assisted category, the so-called "Single Operators, Distracted" category according to K3WW. Our top individual SOs can beat out their SOs, but FRC puts so many more really effective SOAs on the air that we are overwhelmed. The sum total of YCCC SO + SOA scores was 39 meg (with a total of 110 operators for both SSB and CW), while FRC had 49.8 meg (with only 73 operators), and 73 meg total for SO + SOA combined.

Those stats should give a pretty strong clue about why they are beating us unmercifully, shouldn't it? Their average score per operator in SOA was a phenomenal 682 K, compared to our 316 K. This is more than 100% higher, in fact.

Are they better SOA ops than we are?

## YCCC and FRC, 1994 ARRL DX A Comparison

### Yankee Clipper Contest Club

| Category      | Total Score<br>meg | % of Total | Number Operators | Points per Operator<br>kpoints/op |
|---------------|--------------------|------------|------------------|-----------------------------------|
| Multi-2       | 12.7               | 16%        | 24               | 529                               |
| Multi-Multi   | 13.8               | 17%        | 29               | 476                               |
| Multi-Single  | 14.3               | 18%        | 49               | 292                               |
| Single Op.    | 21.6               | 27%        | 55               | 393                               |
| Single Assis. | 17.4               | 22%        | 55               | 316                               |
|               | 80.0               | 100%       | 212              | 377                               |

### Frankford Radio Club

| Category      | Total Score<br>meg | % of Total | Number Operators | Points per Operator<br>kpoints/op |
|---------------|--------------------|------------|------------------|-----------------------------------|
| Multi-2       | 13.9               | 10%        | 17               | 818                               |
| Multi-Multi   | 35.2               | 26%        | 59               | 597                               |
| Multi-Single  | 13.2               | 10%        | 32               | 413                               |
| Single Op     | 23.2               | 17%        | 60               | 387                               |
| Single Assis. | 49.8               | 37%        | 73               | 682                               |
|               | 135.3              | 100%       | 241              | 561                               |

Anything's possible, but I don't really think they're inherently better ops than we are. Are they more dedicated to winning for the club? You can bet your life on that! QST no longer has space to list the number of hours spent operating in the contest, and I didn't ask Charlie for that degree of raw detail. However, I'd be willing to bet a few steak dinners that on the average FRC station was on the air longer than each YCCC station.

And you should be aware that they have sublimated their desires to go into the single-band or QRP categories too. They have decided that it is more fun to win as a club than it is to win some category that gains glory for the individual operator, but only a few points for the group.

### So, What Are We Going To Do?

I was recently in Northern California to give a workshop at the Pacific Division Convention, and I was able to attend the pre-Sweepstakes warmup meeting for my old club, the Northern California Contest Club. Boy, are those guys fired up to repeat winning the club gavel in SS! It was

shades of the go-get-'em-spirit which had first attracted me to the NCCC many years ago. They were really organized. Their area managers had called each and every member in their district multiple times, pushing for point commitments and coordinating everything. (When's the last time a YCCC Area Manager called you? When's the last time he/she was *asked* by YCCC to call anyone?)

The NCCC had just produced a professional-quality Sweepstakes Handbook, just like we had done twenty years ago, except much, much better. However, on reflection I realized that more than just demonstrating the mechanics of organizing to win, the NCCC exhibited a palpable, gut-level **desire to win**. I haven't seen anything like that in the YCCC since I joined in late 1988. Perhaps, in fact, it's the lack of a publicly-stated goal of winning that has caused many of the big guns to drift away from the YCCC over the last few years. We gotta get those guys back.

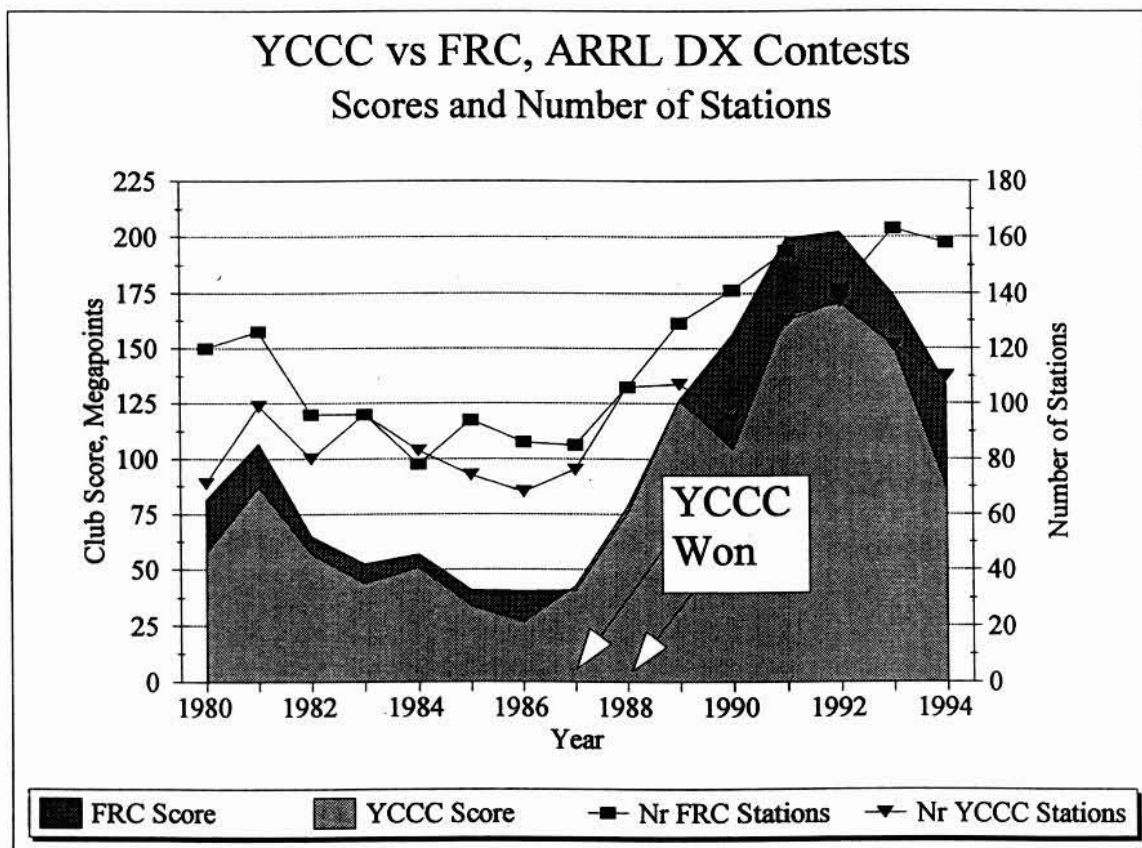
Now, presuming that there does exist, deep down in the collective psyche of the

YCCC, a genuine desire to win as a club, then we can take some lessons. And not only from other clubs like FRC or NCCC. We can take lessons from our own notebook, from those years when we did manage to come in numero uno.

First, we can and should declare publicly that we are going all-out to win a major contest. I suggest that the best opportunity to strut our stuff is in the 1995 ARRL DX Contests, and so I suggest that the YCCC issue a public challenge to FRC. They'll probably take us up on it, too...

We have (barely) enough time to organize for this. We need to get back all the big guns as official meeting-attending members, and we need to get the medium guns and the little pistols committed to operating as much time as they possibly can.

There's lots to do, but there is also a lot of top-flight talent in the YCCC — If we really want to win! I hope we can get our act together, because it's a lot more fun to win as a club than it is to be humiliated by a talented and well-organized group of guys from W3!





## Minutes of December 4, 1994 YCCC Meeting

The meeting was called to order at 1:22 p.m. by Club President Rich, K2WR. The meeting began with introductions of the 55 members and guests present. K2WR then related excerpts from a letter which he had recently received from WA1QGC. Dave isn't able to be very active right now as he is working on tenure requirements. He suggests that the Area Managers be more active in contacting inactive members and that the multi-op stations do more to encourage "little pistols" to join in their operation. The Treasurer's Report and Minutes of the October 1, 1994 meeting were both approved as submitted.

Charlie, WZ1R, reported that CQWW and SS scores were not completely compiled yet and that anyone who hasn't should send him their score immediately.

Charlie, K1XX, reported on his participation at G0KPW, a multi-multi operation, in the CQWW Phone Contest. It is almost a Field Day operation; powered by generators, all portable equipment, trailer-mounted crankup towers, operating from a beet field (after harvesting). Their antenna system includes eight, 60-70+ foot towers; full-size, 3-element beam on 40; inverted-V (center at 100 feet) and 150-foot vertical on 160; etc. The 10/15/20 meter stations operate from the back of a semitrailer, 80/160 stations are in a "wooden box on wheels", and 40 is in a 1950-ish house trailer. And all this for ONE contest per year. G4BAH (with whom K1XX stayed) orchestrates it all and then doesn't operate any. All stations were using DX/66 computers running CT. Suggestions for stateside operators ... operate split from above 3800. There is LOTS of QRM from 9A, I, etc. below 3800 and it makes us harder to read. N6BV, KC1XX, and AA1EY were all noted as being strong on 75.

Rich reported on his operation as GJ/K2WR for the CQWW CW test. He had 2397 Qs on 5.1 bands (not much on 10!). Almost 500 Qs were on 160, including working 48 countries.

Len, KB2R reported on operating

4U1ITU for the 1994 IARU contest. All that is needed to operate the station is an IARU club annual membership, which costs 30 Swiss Francs. Don't need an HB9 license and there is easy 24-hour access to the station. The antennas include monobanders and a tribander for 10/15/20, monobander for 40, Butter-nut vertical for 40/80/160, sloper for 80, and a dipole for 160. All of these are on the roof of a 5 story building. The station equipment includes a non-operable FT1000/FL7000, an IC765/IC-2KL, and a TS820 plus computer for slow-scan. The much taller ITU office building is in a direct line between the 4U1ITU station and the U.S. Len never had a large W-run! He totalled 1290 QSOs, 80 zones, and 48 HQ stations for 504,832 points. 60% of his contacts were European, only 25% to North America. Operating times are somewhat similar to Field Day ... 2:00 p.m. to 2:00 p.m.

On motion of AA1AA, seconded by K2XA, Bernie, KA2WEI, and Ethan, N1SOH, were welcomed into membership.

In new business, Carl, KM1H, brought up the subject of a YCCC member's station being operated by an FRC member (KQ2M, in this example). Current CQ contest rules are for the total score to go to the operator's club. We need some accommodation from CQ to allow at least a part of the credit to accrue to the station owner and his club. K2WR said he would discuss this with K1AR, K1DG, etc. of the CQ contest committee. JP, AA2DU, recommended a letter be sent on club stationery detailing the problem.

Whereon it was moved by K1KI, seconded by K5FUV, and passed with one negative vote:

That YCCC recommend to the CQ Contest Committee a change in the rules regarding crediting of contest scores such that score recognition can be given to the owner of the callsign used as well as the station operator.

Matt, KC1XX, now has a Cluster Node on 145.67. Tom, K1KI, will be putting a node on the air shortly; he prefers a frequency other than on 144 MHz band ... let him know if you have any prefer-

ences. Jacob, W1FM, has donated 10 copies of Ionsound which will be given as door prizes using a K2WR-special algorithm. Carl, KM1H, has a 440 frequency for a repeater and it could possibly be a DX machine.

Ed, KA1CV, gave a presentation on interference. He detailed several basic suggestions and procedures:

Be helpful in finding problems.

Do NOT volunteer to work on the neighbor's TV.

Interference brochures are available from ARRL Headquarters.

Local Technical Coordinator is a good source of assistance.

Interference has LOTS of sources

Radiated signals decrease with distance; conducted do not.

Differential-mode filters are ineffective on common-mode

When you put up a new tower, cure all the new TVI problems before you connect any antennas (HI).

Get rid of TVI on your own TV first.

Good grounds CAN be effective; and they CAN make things worse.

Most EMC problems have multiple causes; try only one solution at a time..

Keep your station "clean", even if it is not the likely source.

WZ1R and AA2DU presented recommendations from the Club Awards Committee. They include (1) a simple, one-time recognition activity and (2) a rotating trophy. A detailed description will be submitted for inclusion in Scuttlebutt. Final adoption, or modification, of the recommendations will be at a future meeting.

The recognition award would be targeted at the 1995 CQWW contest. A participation certificate would be awarded to each member in good standing who submits logs for each mode (SSB and CW) with at least 200 QSOs in one mode and at least 100 Qs in the other. Endorsement stickers would be issued for those scoring at least 250k, 500k, and 750k as long as they

met the minimum mode criteria. Likewise, members scoring at least 1 Million points would be eligible for a T-shirt (funded by contributions or the member purchases it). Subsequent discussion dealt with the use of claimed scores, or scores submitted to the YCCC scorekeeper, instead of waiting for final scores to be reported in CQ since that is almost a year after the contest. Tom, K1KI, and Luigi, AA1AA, "volunteered" to organize an analogous recognition for the 1995 ARRL DX contest rather than hold implementation until the CQWW.

The second recognition would be a rotating trophy recognizing the YCCC Champion Single Operator. Target price for the trophy would be \$100-150, to be funded by YCCC. The trophy would rotate to each year's winner, with their achievement being recognized on an engraved plaque on the trophy.

The meeting was adjourned at 5:12 p.m.

Respectfully submitted,  
Don Haney, KA1T  
Substitute Secretary YCCC

## YCCC is on-line!

*Tom Frenaye, K1KI*

K1FWF and AD1C created an on-line Internet reflector for YCCC members a few months ago. You can also use it if you are a subscriber to other on-line services like Prodigy, America On-line or Compuserve. It's called a reflector because every message sent to the YCCC address is distributed to each member that has registered. There are more than 50 members already signed up.

The level of activity is a bit low today but is growing. It's used for messages too long to be handled reasonably by packet, and for sharing information like CT's .BRK files. While about 60% of the YCCC is active on packet, another 10% are only reachable on-line. With both packet and electronic mail we can now reach about 70% of YCCC members. This makes distribution of club news and information in between meetings relatively easy and quick, and is being used to distribute YCCC/ARRL DX Contest eligibility and preparation news.

## Big Station Available

Have you ever thought you knew what it took to score big at a Multi-Multi, but didn't have the antennas? Do you want to run up lots of points for the YCCC? Or do you just want to get to know your QSL sorter better? Well, here is your chance.

The KY1H Multi-Multi station is looking for new management to organize operators for upcoming contests. Radios, antennas, computers, software, food, and even QSL's (if you use my call), are ready to go. I'll even give you my mailing list of past operators who are already familiar with the equipment.

The following rules apply:

1. Scores for club competition must go to the YCCC.

| CONTEST     | DATES    | ORGANIZER | CLASS |
|-------------|----------|-----------|-------|
| CQ 160 CW   | 1/27-29  | KB1W      | M/S   |
| ARRL DX CW  | 2/18-19  | N1RFE?    | M/?   |
| CQ 160 SSB  | 2/24-26  | AA2MF?    | M/S   |
| ARRL DX SSB | 3/4-5    |           |       |
| WPX SSB     | 3/25-26  | WZ1R      | M/M   |
| WPX CW      | 5/27-28  | WZ1R      | M/M   |
| IARU        | 7/??     | WT2Q      | M/M?  |
| WAE CW      | 8/??     |           |       |
| WAE SSB     | 9/??     |           |       |
| CQWW SSB    | 10/28-29 |           |       |
| ARRL SS CW  | 11/4-5   | KB1W      | M/S?  |
| ARRL SS SSB | 11/18-19 | WM1K      | M/S?  |
| CQWW CW     | 11/25-26 |           |       |
| ARRL 160    | 12/2-3   |           |       |
| ARRL 10     | 12/9-10  |           |       |

Contact me at: KY1H > AA1AS on PacketCluster Robbins@guid2.dnet.ge.com on internet 413-655-2714 on AT&T or via expensive snail mail at: David Robbins 15 Baumann Rd. Peru, Ma. 01235

Of course, if you can reach the YCCC Reflector there are many other newsgroups that might be of interest to you, including the those specializing in contesting, DXing, K1EA's CT, N6TR's logging program and more. Don't forget to go back through the four part series in QST from September through December 1994 for additional information. Recent discussions on the Contest Reflector (maintained by WN4KKN) covered noise cancelling headphones, headphone audio problems with FT-1000 radios, the 160m

2. CQWW SSB/CW, ARRL DX SSB/CW, WPX SSB/CW Multi-Multi operations have priority. Very serious M/2, M/S, or S/O entries will be considered but I want a lot of points to go the YCCC for these.

3. If there is no 'Serious' operation planned I will enter as Multi-Multi with whomever shows up. No schedule, no band plan, just run up points for the club.

The following contests are the major ones I expect to be on the air for and the organizer for the already planned operations. The station is available for other contests that don't conflict with these dates if you want to try any of them. (Summer contests may not have all antennas available depending on construction jobs in progress)

DX window, 40m propagation, and low band antennas for people living in tall buildings.

If you do have on-line electronic mail access, to subscribe to the YCCC Reflector (members only please!) send a message to:

**yccc-request@eng.pko.dec.com**

and put the word 'subscribe' in the text of the message. That will get you started!

## A Letter to YCCC

*Tom Frenaye, K1KI*

At the December 4th YCCC meeting, AA1AA and I talked ourselves into volunteering to work on ways to maximize the YCCC score in the 1995 ARRL DX Competitions. We've had some preliminary discussions and identified who is eligible (and not), who needs to pay dues or attend meetings.

We're looking for additional ideas (and volunteers) to help use out. In particular, we need to schedule a Contest University or two, make sure the February YCCC meeting program is a good one that will attract attendance from those we want to be eligible, and to develop the enthusiasm needed to get people on the air in categories that will maximize points.

After all, we've lost to the FRC so many years in a row we don't know what it's like for YCCC to win anymore! If we can't do it with low sunspots and our natural advantage by being closest to Europe, we'll never do it when the spots are at a maximum.

So... can you help out with ideas, time, or at least some good second-guessing on how to turn out a score that'll beat FRC?

## Contest University Schedule

Here's the current schedule for the other Contest Universities:

Connecticut - January 29 at K1RU in Bethany CT

WMass/ENY - February 12 at KY1H in Peru MA

Rhode Island - (no date yet) at K1IU in Cumberland RI

Long Island - (no date yet) at K1AR in Mt Sinai NY

## Connecticut Contest University

The Yankee Clipper Contest Club will be holding a Contest University in Connecticut on Sunday, January 29, 1995 from noon until 3 PM at the QTH of Gene, K1RU (Bethany CT - 10 miles northwest of New Haven, 25 miles southwest of Hartford). This will be a training session for anyone interested in preparing for the upcoming ARRL DX Competition.

The following subjects will be discussed - station design, propagation, operating techniques, low power operating, maximizing your score, and anything else requested. The professors for this class will be Gene K1RU, Les KG1D, Tom K1KI, Rich K1CC, and Tom N1MM.

Hope to see you there! For YCCC members this counts as a Special Meeting with attendance credit so your score will count towards the club totals in the ARRL DX Competition. Non-YCCCs are welcome, but must go to a regular club meeting to officially join YCCC (Feb 5th in Sturbridge Mass). Please let K1RU or KG1D know if you plan to come!

Directions:

From Route 15 (Wilbur Cross Parkway), take exit 59, go left onto Route 69N, turn left onto Lucy Street, then right onto Route 63N (go approx 7 miles). Then turn left onto Peck Road (opposite the firehouse on the right), go right at the stop sign onto Fairwood Road, take the 3rd left onto Northrup Road and finally the 1st right onto Ridgewood Drive. The house is at the end of the cul-de-sac - #52.

From Route 8 (Waterbury) south take exit 26, go left at the end of the ramp, right onto Route 63S, go approx 5 miles through Naugatuck into Bethany, go right onto Fairwood Road (just past Bethany Welding), take the 2nd right onto Ridgewood Road. The house is at the end of the cul-desac - #52.

If you need additional help or have questions, contact Gene-K1RU at 203-393-1772. Talk-in is on the 147.315 repeater in Prospect (N1ADE).

## Eastern Massachusetts Contest University

*Charles Morrison, WZ1R*

Including the panel, 48 hams attended the YCCC Contest University held Jan. 16th at K1KP's home.

The panel, lead by WZ1R included KC1F, W1PH, K1VR, K1EA, and NX1G.

Statistics:

6PM-11PM 5 Hours

20 Pizzas

6 gallons of Soda/Juice

It was S.R.O.

Thanks to Tony, K1KP and his wife Michelle.

Thanks to N1AU for coordination and filming.

Thanks to the panelists for giving their time.

## Movers and Shakers

New address for Joseph B. Fitzgerald, KM1P:

53 Cooks Ct.  
Waterford, NY 12188-1167

New work phone number for Dick Powell, WK1J: (603)884-0137

Congratulations to Joe Rich, N1OCS, who recently passed his Advanced.

New work phone number for Don Haney, KA1T: (603)881-2984

New mailing address for Carl W. Wedekind, WG2E:  
846 Darby Hill Rd.  
Delanson, NY 12053

New work phone number for Lenny Kay, KB2R: (508)670-4270 x 3325

New home phone number for John Hennessee, KJ4KB: (203)225-0387

New address for Roger Prince, W1BR:

18 Bigelow Road  
Princeton, MA 01541-1916  
home phone: (508)464-5115



## The View From Outside the Northeast

Mark Beckwith, WA6OTU

*[Reprinted from an editorial in SCCCORE, Southern California Contest Club Operations, Results, and Enlightenments, volume 17 no. 5, November-December 1994]*

In the midst of a busy fall I managed to put in an effort in three out of the four big contests. I am glad to see I have my priorities right after all. I was concerned I wouldn't be able to operate anything this fall because of extensive business travel, but luck came through and I was able to worm my way into some fun spots for some big contests and some really bad conditions!

In the CQ Worldwide Phone, I had the good fortune to hook up with the Top USA Multi-Single effort. The road trip I was on stationed me in New Hampshire for a week starting Tuesday before CQWW and ending Tuesday after CQWW. I called my good friend Kurt, W1PH (you all know him - he's the nice guy who mans the Cushcraft booth at all the conventions - he's also on the CAC with me), and scheduled a tour of 'local' stations.

We started with a tour of the Cushcraft factory (literally five minutes from the hotel where I was living), and then visited K1VR, N6BV, K1RX, and KC1XX. All these stations were within about an hour of my '1' QTH. I learned a whole lot about the way things are, which I will impart briefly to my EU-deprived Californian readers:

- Everyone has a lot of antennas for Europe. I saw no station with fewer than 3 antennas on 20, 15, or 10. Usually at least 2 were a stack.
- Even when condx are the worst they've been in 15 years (that's what everyone in New England was saying), working Euros from New England seems trivial. The numbers are still better than we would get on the West Coast in a good year.
- There is no such thing as waiting in line to work Europe or Africa unless you are responding to a packet spot

and the rest of New England was there all at once - then you had to wait sometimes as much as 30 seconds to a minute unless the DX op was a lid.

- In New England you only need shorty fortys on 40. When stacked Yagis are used, they are shorty fortys almost exclusively. I never personally saw anything else, except N6BV had a CRE-ATE 40-20-15 tribander.
- In New England, everyone has their rigs interfaced to their contest program, which at every station is CT9. Also, ICOM radios are the radio of choice - I saw many more ICOMs than Kenwoods. Some Yaesu FT-1000s.
- The amp of choice is the Ameritron AL-1200 - it seemed like everybody had one of these, although everyone also had more than one amp. The other amps were a real mishmash of things - Alpha 78s and 77s (I did not see a single Alpha 87), Henrys and homebrews.
- Every single station had at least one complete set of receiver band-pass filters scratch-built into a single box with a switch on the front. Some were sophisticated enough to be run off the bandswitching lines out of CT or whatever. The Multis all had one set per rig.
- Some stations also had complete sets of permanently installed transmitting stubs they could switch in to do the 'other' station a favor if those extra dB of harmonic suppression were needed.
- Every station had beverages for receiving on 160, but all without exception were poorly engineered (but they were all well switched).
- 2-element wire delta loop arrays were very popular on 80/75 with each installation being different - some switchable front-to-back, some switchable phone-CW, some totally hardwired, some with field adjusted shorting straps. Also saw 4-squares on 80 all over the place.
- Phasing tribanders looks like the wave of the future for stations with only one tower. I saw several stacks of tribanders.

At the stations that used stacked tribanders, three could be switched and a fourth was independent of the three-in-phase for working other stuff. I guess you need more than two to make it really work successfully in a contest.

- Stock up on your cable TV hardline NOW - word is that it will become harder and harder to find now that the cable industry is being forced by RFI problems to switch to fiber optics.
- These stations did not have interstation interference from band to band, because their filtering systems were so well executed and used.

This was quite a lesson. The guys on the East Coast have us handily 'out-engineered'. Since I had Sunday off, I rented a car and headed out to KC1XX after the show Saturday night and got there about midnight, knowing it would be the perfect time to drop in and offer some relief. I hit the nail on the head, and promptly sat down to about 4 hours of running Europe on 3.5 Mhz and pileup crashing on 40 and 75. I must say, the multiplier total benefited from this W6's tenacity. I honestly don't think they know what it's like to have to call in a pileup more than 3 times. Don't get me wrong. The ops at KC1XX are fine operators, running a first-class Multi-Single. They have us outclassed in some ways, but we have them outclassed in other ways. Our strength is in operator savvy.

## CQ CW 1994 Scores

Charlie Morrison, WZ1R

## Single-Op

|          |       |     |      |       |     |           |
|----------|-------|-----|------|-------|-----|-----------|
| GJ/K2WR  | 2,397 | 79  | 288  | 1.2 M | A   |           |
| K5ZD/1   | 2,491 | 133 | 432  | 4 M   | A   |           |
| KM1H     | 2,559 | 132 | 432  | 4 M   | A   | KQ2M op   |
| W1KM     | 2,246 | 127 | 415  | 4 M   | A   |           |
| N6BV/1   | 2,076 | 116 | 378  | 3 M   | A   |           |
| W2SC     | 1,861 | 121 | 351  | 2 M   | A   |           |
| W1PH     | 1,026 | 108 | 339  | 1 M   | LP  |           |
| N1AFC    | 374   | ??  | ???  | 228K  | QRP |           |
| W1MK     | 633   | 24  | 94   | 205K  | 80M |           |
| WB2DND/1 | 241   | 62  | 146  | 137K  | LP  |           |
| TM7XX    | 2,705 | 132 | 453  | 3 M   | A   |           |
| FO0TJ    |       |     | 63 K |       | A   | K1VWL op. |

## Single-Op Assisted

|         |       |     |     |      |   |         |
|---------|-------|-----|-----|------|---|---------|
| K3WW    | 1,646 | 154 | 499 | 3 M  | A |         |
| K1IU    | 1,540 | 141 | 437 | 3 M  | A |         |
| AA2DU   | 1,603 | 126 | 416 | 2 M  | A | at K1VR |
| K1DG    | 1,267 | 137 | 410 | 2 M  | A | 26 HRS  |
| K5NA    | 1,153 | 136 | 444 | 2 M  | A |         |
| K1JKS   | 874   | 107 | 296 | 986K | A |         |
| W1BIH   | 522   | 116 | 324 | 633K | A |         |
| W1FJ    | 437   | 100 | 256 | 415K | A |         |
| K1FWF   | 325   | 93  | 245 | 302K | A |         |
| N6RFM/1 | 210   | 63  | 151 | 117K | A |         |

## Multi-Single

|        |       |     |     |      |             |
|--------|-------|-----|-----|------|-------------|
| K1AR   | 3,136 | 155 | 586 | 7 M  | +K1EA, K1GQ |
| KC1XX  | 2,793 | 152 | 547 | 6 M  | +AD1C, KM3T |
| N2NU   | 6 M   |     |     |      | K2WIIWW2Y   |
| N3RS   | 2,594 | 148 | 572 | 5 M  | +N3RD, ?    |
| K1TR   | 2,458 | 148 | 523 | 5 M  | at K1MNS    |
| K8AZ   | 2,300 | 162 | 525 | 4 M  |             |
| K1KP   | 1,361 | 118 | 391 | 2 M  |             |
| KB1H   | 1,338 | 122 | 379 | 1.8M |             |
| WT1T   | 1,152 | 119 | 379 | 1.5M |             |
| OT4T   | 4,161 | 192 | 709 | 8 M  |             |
| GX0AAA | 4,325 | 165 | 577 | 7 M  |             |

## Multi-Multi

|                                     |        |     |     |       |  |
|-------------------------------------|--------|-----|-----|-------|--|
| 9G5AA                               | 11,363 | 155 | 547 | 24 M  |  |
| J77J                                | 6,730  | 119 | 413 | 8.7 M |  |
| (K1XM & KQ1F partial score to YCCC) |        |     |     |       |  |
| W3LPL                               | 4,377  | 186 | 665 | 10 M  |  |
| N2RM                                | 4,208  | 179 | 627 | 9 M   |  |
| K1KI                                | 3,888  | 163 | 591 | 8 M   |  |
| K3LR                                | 3,636  | 172 | 581 | 8 M   |  |
| KY1H                                | 2,930  | 157 | 545 | 5 M   |  |
| KY3N                                |        |     |     | 5.7 M |  |

## Breakdowns

|       | 160M |    |    | 80M |    |     | 40M   |    |     | 20M   |    |     | 15M   |    |     | 10M |    |    |
|-------|------|----|----|-----|----|-----|-------|----|-----|-------|----|-----|-------|----|-----|-----|----|----|
| K5ZD  | 97   | 13 | 43 | 265 | 18 | 64  | 631   | 31 | 105 | 835   | 34 | 108 | 614   | 23 | 77  | 49  | 14 | 35 |
| KM1H  | 45   | 7  | 30 | 329 | 19 | 61  | 730   | 34 | 105 | 795   | 33 | 102 | 592   | 25 | 94  | 68  | 14 | 40 |
| W1KM  | 40   | 11 | 30 | 422 | 23 | 78  | 604   | 28 | 101 | 683   | 29 | 100 | 459   | 22 | 76  | 38  | 14 | 30 |
| N6BV  | 29   | 11 | 27 | 310 | 16 | 57  | 469   | 28 | 87  | 532   | 33 | 100 | 652   | 22 | 83  | 47  | 9  | 24 |
| W2SC  | 22   | 7  | 15 | 203 | 15 | 60  | 389   | 29 | 80  | 720   | 33 | 97  | 499   | 26 | 82  | 28  | 11 | 17 |
|       |      |    |    |     |    |     |       |    |     |       |    |     |       |    |     |     |    |    |
| K1AR  | 53   | 13 | 47 | 498 | 22 | 92  | 672   | 35 | 122 | 1,249 | 39 | 142 | 592   | 27 | 114 | 72  | 19 | 69 |
| KC1XX | 63   | 13 | 48 | 505 | 20 | 85  | 599   | 33 | 133 | 936   | 38 | 126 | 621   | 29 | 114 | 77  | 19 | 63 |
| N3RS  | 36   | 12 | 32 | 257 | 21 | 84  | 933   | 37 | 136 | 715   | 40 | 138 | 592   | 33 | 124 | 61  | 16 | 58 |
| K1TR  | 30   | 9  | 27 | 371 | 20 | 83  | 508   | 33 | 117 | 907   | 39 | 134 | 582   | 28 | 103 | 60  | 19 | 59 |
|       |      |    |    |     |    |     |       |    |     |       |    |     |       |    |     |     |    |    |
| W3LPL | 128  | 21 | 66 | 581 | 27 | 100 | 1,129 | 39 | 142 | 1,580 | 40 | 152 | 729   | 36 | 131 | 230 | 23 | 74 |
| N2RM  | 159  | 19 | 65 | 549 | 28 | 97  | 1,139 | 37 | 131 | 1,406 | 40 | 145 | 776   | 35 | 126 | 184 | 20 | 63 |
| K1KI  | 151  | 13 | 52 | 458 | 21 | 85  | 929   | 36 | 129 | 1,527 | 40 | 140 | 687   | 33 | 120 | 136 | 20 | 65 |
| K3LR  | 166  | 18 | 59 | 347 | 25 | 88  | 1,022 | 39 | 130 | 1,343 | 38 | 134 | 633   | 33 | 111 | 125 | 19 | 59 |
| KY1H  | 197  | 15 | 56 | 494 | 21 | 87  | 399   | 34 | 109 | 1,099 | 38 | 129 | 623   | 32 | 110 | 118 | 17 | 54 |
| J77J  | 403  | 12 | 50 | 811 | 18 | 59  | 1,980 | 22 | 95  | 1,262 | 22 | 78  | 1,571 | 27 | 81  | 703 | 18 | 50 |



## 1994 Sweepstakes Scores

Charlie Morrison, WZ1R

1994 Sweepstakes scores by YCCC Members as of 1/17/95.

\* denotes claimed new section record for category

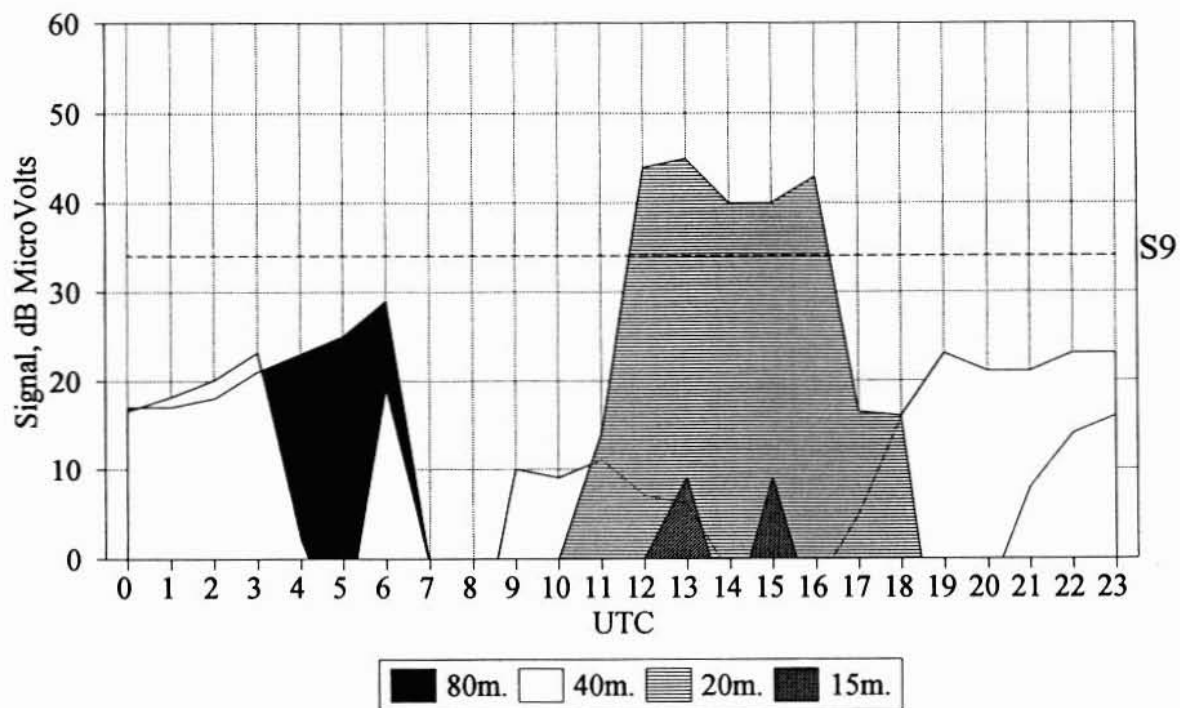
## CW

|         |       |    |   |     |           |
|---------|-------|----|---|-----|-----------|
| K5ZD/1  | 1,252 | 75 | B | 24* |           |
| KY1H    | 1,198 | 77 | B | 24  | M/S*      |
| K2TR    | 1,145 | 77 | B | 24  | (WZ1R op) |
| W2SC/1  | 1,140 | 77 | B | 24  |           |
| K5NA/2  | 1,135 | 77 | B | 24  | M/S*      |
| W1WEF   | 1,079 | 77 | B | 23  |           |
| K1RU    | 1,073 | 77 | B | 2?  | M/S       |
| K1IU    | 1,042 | 77 | B | 2?  |           |
| K1TR    | 994   | 75 | A | 24  | at N6BV/1 |
| KZ1M    | 862   | ?? | A |     |           |
| K2ONP   | 857   | 75 | B | 21  |           |
| N1CC/2  | 830   | 77 | B | 19  |           |
| K2SX/1  | 781   | 77 | B |     | M/S       |
| K1VUT   | 749   | 72 | A |     |           |
| K1AR/2  | 710   | 76 | B | 12  |           |
| K8JLF/1 | 700   | 73 | A |     |           |
| WA1S    | 673   | 76 | A | 22  |           |
| KB2R/1  | 550   | 73 | ? | ?   |           |
| K1TO    | 400+  |    | B |     | at K1KI   |
| WS1E    | 365   | 69 | A | 12  |           |
| K1TWF   | 223   | 64 | B |     |           |
| WA1IML  | 211   | 64 | A | 6   |           |
| N4XR/1  | 173   | 69 | B | 7   |           |
| KA1CZF  | 179   | 59 | Q | 12  |           |
| K1EA    | 175+  |    | B |     |           |
| WO1N    | 101   | 45 | A | 7   |           |
| K2XA    | 4     | 3  | A | 1   |           |

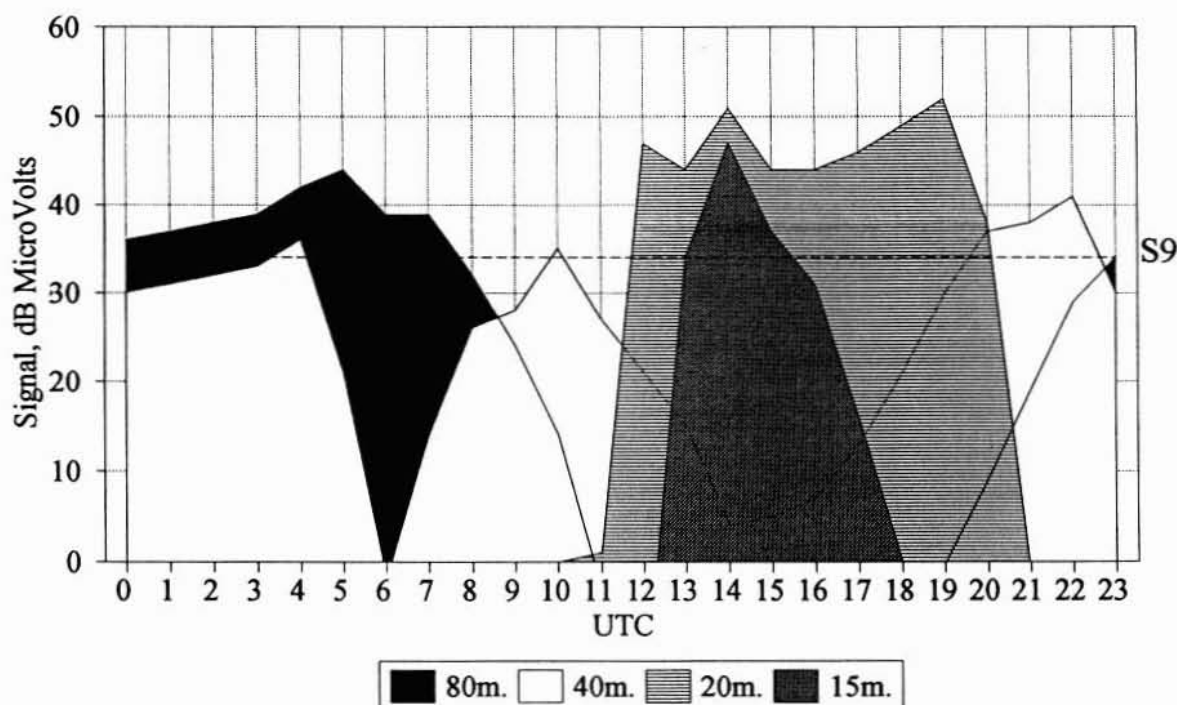
## SSB

|                           |       |    |      |     |          |
|---------------------------|-------|----|------|-----|----------|
| N6BV/1                    | 1,834 | 77 | B    | 24* |          |
| W1WEF                     | 1,624 | 77 | B    | 24  |          |
| First QSO was VE8EV!      |       |    |      |     |          |
| AA1AA                     | 1,344 | 77 | B    | 24  | at K1VR  |
| KZ1M                      | 1,182 | 77 | A    | 24  |          |
| K1AR/2                    | 1,134 | 76 | B    | 13  |          |
| NJ1F                      | 1,128 | 77 | B    | 17  |          |
| KS9Z/1                    | 1,123 | 77 | B    | 16  |          |
| K1KP                      | 1,112 | 75 | B    | 23  | M/S      |
| WM1K                      | 860   | 77 | B    | 17  | at KY1H  |
| W1FM                      | 852   | 75 | B    | 16  |          |
| KC1F                      | 680   | 77 | B    | 8   |          |
| W1QK                      | 653   | 77 | B    | 18  | M/S      |
| KB2R/1                    | 668   | 75 | ?    | ?   |          |
| K1VSJ                     | 553   | 77 | A    | 18  |          |
| K5ZD/1                    | 547   | 74 | A    | 9   |          |
| K1TR                      | 507   | 77 | B    | 8   |          |
| KD1EA                     | 503   | 76 | B    | 17  | at KC1XX |
| K2TR                      | 474   | 77 | B    |     | Sun only |
| AA1EY                     | 467   | 76 | A    | 23  |          |
| Had 74 Qsos on 160M!      |       |    |      |     |          |
| K1KI                      | 400+  |    | BM/S |     |          |
| K1IU                      | 411   | 77 | A    | 12  |          |
| WB1HBB                    | 382   | 77 | A    | 20  | M/S      |
| KD1GG                     | 350   | 77 | B    | 9   |          |
| K2ONP                     | 373   | 68 | B    | 7   |          |
| WZ1R                      | 333   | 74 | Q    | 16  | at WZ1R* |
| Attic antennas            |       |    |      |     |          |
| K1DG                      | 300+  |    |      |     |          |
| K1HMO                     | 146   | 77 | B    | 9   |          |
| KA1CZF                    | 140   | 51 | Q    | 8   |          |
| KF2O                      | 115   | 77 | A    | 10  | M/S      |
| Hank's FIRST Sweepstakes! |       |    |      |     |          |
| NX1G                      | 106   | 46 | A    | 7   |          |
| KY1H                      | 71    | 43 | A    | 4   |          |

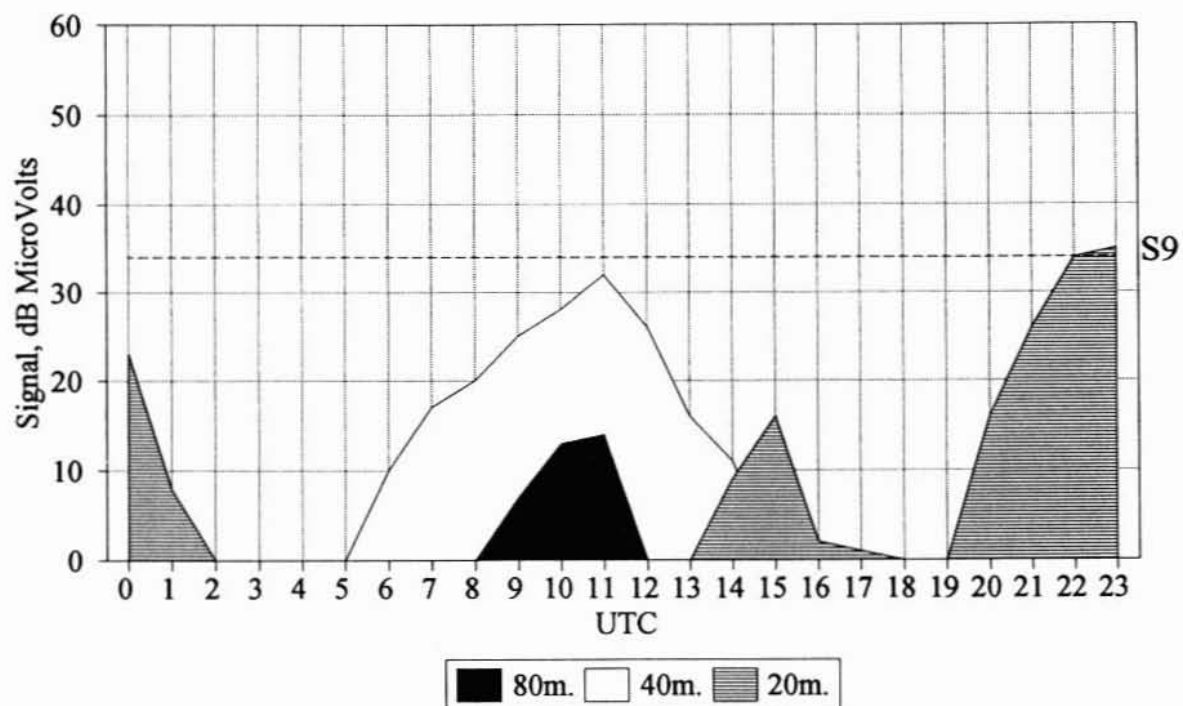
## New England To Eastern Europe February 1995



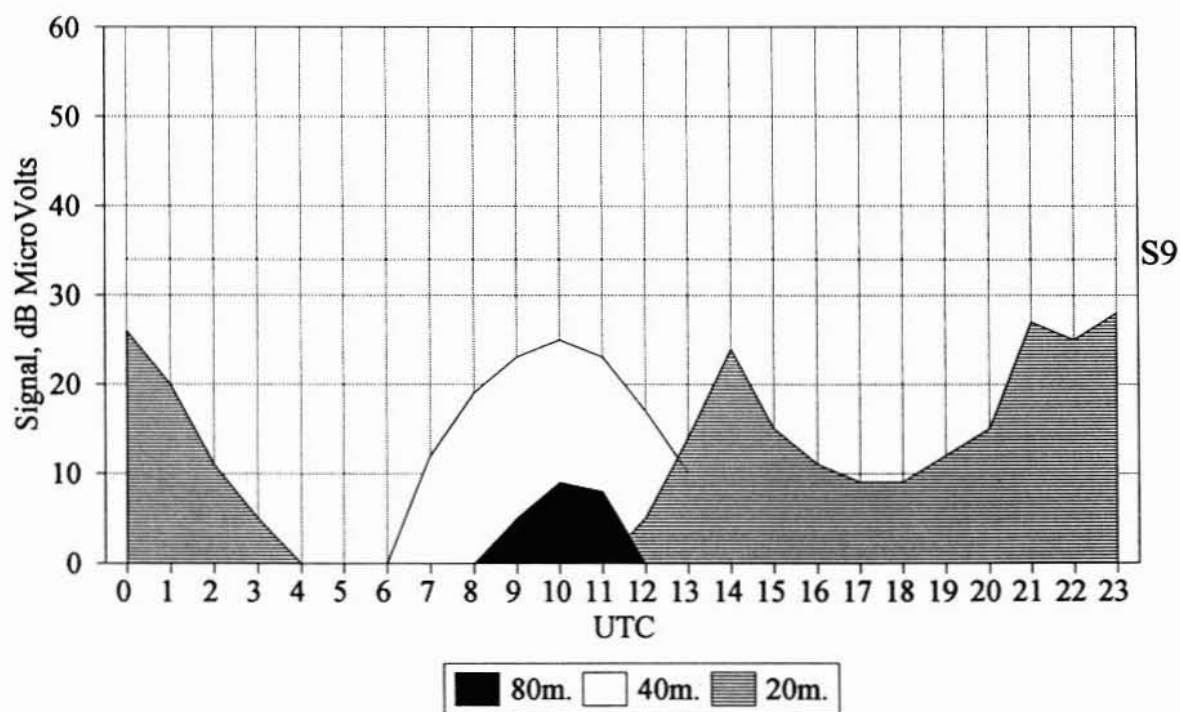
## To Western Europe, Band Planning February 1995



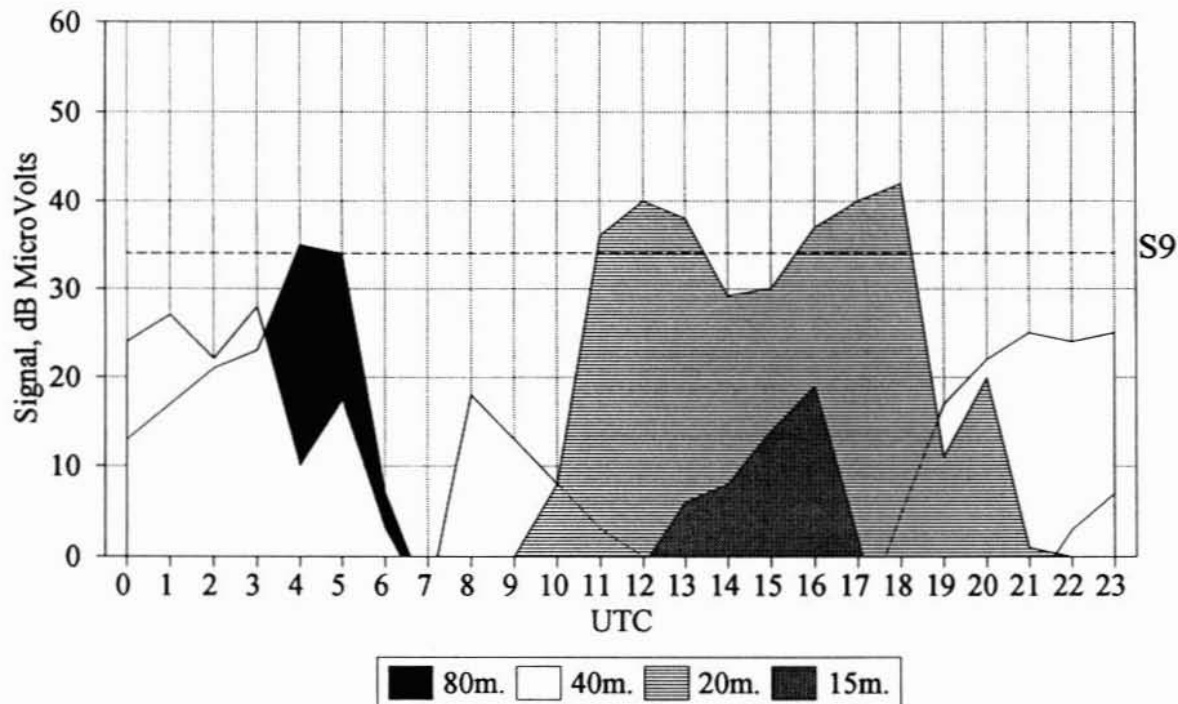
# New England to Far East February 1995



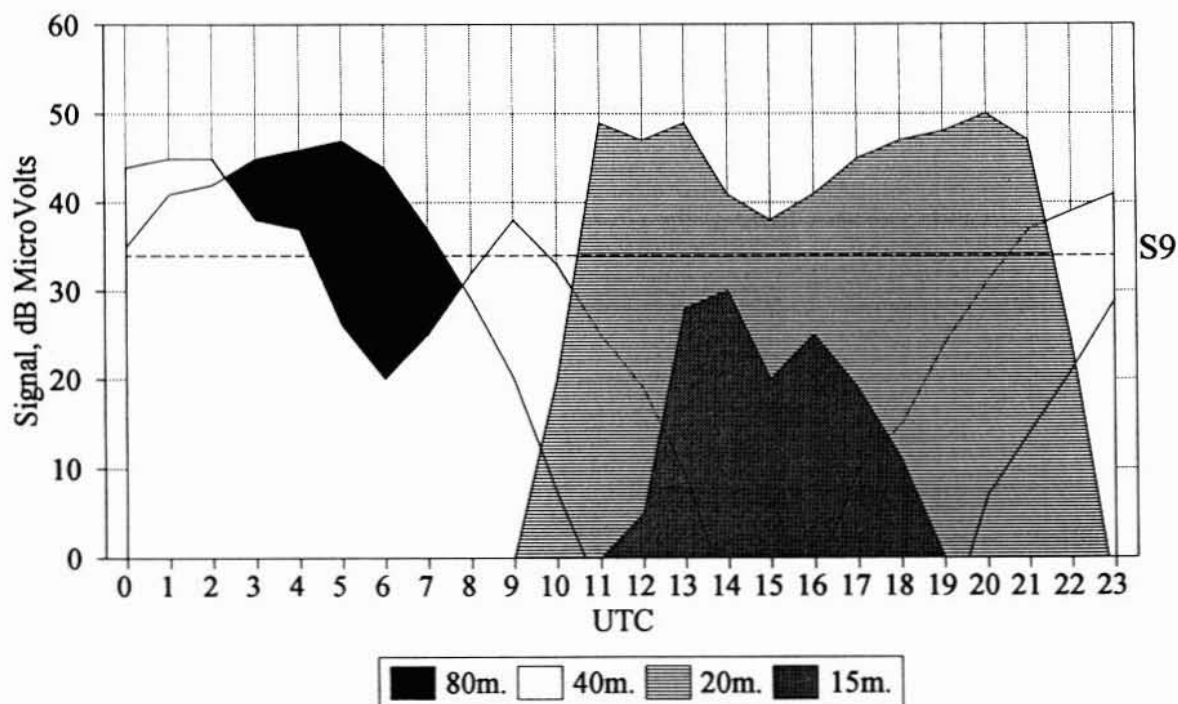
# New England to Far East March 1995



## New England To Eastern Europe March 1995



## To Western Europe, Band Planning March 1995





## 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 rejoin 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 club score in contests.

**FAMILY MEMBER** Members of the same family living at the same address may elect to receive only one copy of the **Scuttlebutt**. 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 (508)562-5819. The deadline for each issue is usually three weeks before the next meeting.

**CLUB BADGES** are available from WZ1R. Send two dollars, your callsign, name, and mailing address to WZ1R-YCCC Badge, P.O. Box 9106, Pawtucket R.I. 02862.

**CLUB JACKETS** Len, KB2R coordinates group purchases of club jackets.

**CLUB QSL CARDS** are ordered through John Dorr, K1AR, 8 Anchor Lane, Mt. Sinai, NY 11766.

**PACKET NET** information is available from Charlie Carroll, K1XX, Candlelight Rd, Ringe NH 03461.

**CONTEST SCORES** for domestic contests are sent to Charlie Morrison, WZ1R. DX scores (ARRL, CQ WW) are sent to Kurt Pauer, W1PH.

**INTERNET REFLECTOR** There is an internet mailing list for YCCC members. Send subscriptions to YCCC-request@eng.pko.dec.com. Include the single word SUBSCRIBE in the body of the mail message.

**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 (508)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.

**CTCONTEST LOGGING SOFTWARE** is available from K1EA Software, 5 Mount Royal Avenue, Marlborough MA 01752 for \$69.95 plus sales tax. Telephone (508)460-8873, FAX (508)460-6211, BBS (508)460-8877. There is an internet mailing list for CT users. Send subscriptions to CT-USER-request@eng.pko.dec.com, include the single word SUBSCRIBE. This is also the best way to get CT country file updates. CT country file updates may also be obtained from the CT BBS, or send a blank formatted disk and \$1.00 for postage to Jim Reisert, AD1C, 181 Littleton Road #324, Chelmsford, MA 01824.

**W1 QSL BUREAU** is sponsored by the YCCC. Keep your account up to date with SASEs, or send a check. Stamps are sold at face value, envelopes are 10 cents each. W1 QSL Bureau - YCCC, PO Box 216, Forest Park Station, Springfield, MA 01108.

**ARRL LIAISON** For ARRL matters, contact Tom Frenaye, K1KI, PO Box 386, West Suffield CT 06093, home phone (203)668-5444.

Dues are \$15 per year, payable 1 April. Non-members may subscribe to the **Scuttlebutt** by sending \$10 to the treasurer: Charlotte Richardson, KQ1F, 11 Michigan Drive, Hudson MA 01749. Subscribers who subsequently become members will be credited as having paid \$10 towards dues.

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The Yankee Clipper Contest Club (an ARRL affiliated club) holds six official meetings per year, on the Saturday or Sunday afternoon of the first full weekend of every even month, usually in the Sturbridge, Massachusetts area. The deadline for article submission to the **Scuttlebutt** is usually three weeks before the next meeting date. The next meeting will be on Sunday, February 5, 1995. Attendance at an official meeting is required in order to become a member. Club members congregate on 3830 after contests. The packet frequencies for DX spotting are 144.95, 145.69, 144.93, 144.97, 144.99 and 145.57 MHz.

Rosters are mailed to all paid members each summer. For more information and/or assistance, contact the area manager nearest you.

#### Officers:

|                       |                      |       |              |
|-----------------------|----------------------|-------|--------------|
| President             | Rich Gelber          | K2WR  | 212-580-1072 |
| VP-Activities Manager | JP Kleinhaus         | AA2DU | 914-739-6318 |
| Secretary-treasurer   | Charlotte Richardson | KQ1F  | 508-562-5819 |
| Editor                | Paul Young           | K1XM  | 508-562-5819 |

#### Area Managers:

| Area   | Call  | Name            | Home         | Work         |
|--------|-------|-----------------|--------------|--------------|
| CT/RI  | K1RU  | Gene Frohman    | 203-393-1772 | 203-386-6137 |
| EMass  | N1AU  | Bill Santelmann | 617-862-1753 | 508-692-6000 |
| WMass  | W1GG  | Gary Gaudette   | 413-443-3404 |              |
| VT/NH  | K1GW  | Glen Whitehouse | 603-673-6290 | 603-627-7877 |
| ME     | N1AFC | Peter Archibald | 207-767-2169 | 207-797-8931 |
| NLI    | NQ2D  | Jim Metcalf     | 516-744-9422 | 516-467-4800 |
| NNY    | K2TR  | Fred Lass       | 518-355-4813 | 518-346-6666 |
| SNY/NJ | K2EK  | Bill Gioia      | 914-221-1672 | 914-697-3250 |

YCCC

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Hudson, MA 01749

First Class