



# Scuttlebutt

June 1993

Issue 105

## Captain's Cabin

*Rich Gelber, K2WR*

**The DXpedition: Try it, you'll like it!**

One of the things that makes this -very- eclectic bunch of hams converge into the Yankee Clipper Contest Club is the attraction of the competitive aspects of the hobby. Whether we're attracted by competing with our neighbors for a section award, or by trying to win a DX contest in the low power category, or breathing the rarefied air of the Top 10 Box in the CQWW, we all find ourselves motivated by the need to compete, and recognize the reality that excellence in any field, not only in business, but also in purely personal pursuits, is usually best produced by meaningful competition.

This compels me once again to bring up the painful subject of the CQWW Club Competition. While our members continue to ring up many of the top scores in all of the major contests, and while we actually won the Club Competition in the ARRL DX a few years ago, and while we won a plaque for the WPX Contest in 1992 (due to a peculiarity of the rules), the top spot for CQWW continues to elude us, and we seem to have relegated ourselves to the position of bridesmaid in CQWW (if she drove to the wedding in an Avis car!).

The top scores from this club will take care of themselves, and in any event there's nothing I can say to encourage someone to build a winning station who hasn't already done so on his or her own. Likewise, the idea that the Club Competition is won or lost by the sheer volume of medium-size scores has been pounded to death in this space over the years. Our

area managers have the responsibility of beating the bushes to get our members to submit scores — we've been getting better in this department, and I have every confidence that we'll continue to improve.

A category of entry for which we definitely seem to have abdicated our former position of leadership is the DXpedition. A decade ago there were quite a number of YCCC members who could be counted on to submit big scores from DX locations once a year or so; now there are only a few of us left. A major expedition for a contest is not only one of the most satisfying (and intense) experiences one can have in amateur radio, it is also a way to increase the Club score by 10 million points or more, especially if the operators involved would not be likely to contribute huge scores otherwise.

It's not my purpose here to castigate those who previously played the "have radio, will travel" game and do so no more; I know they all have their own legitimate reasons. What I do want to do is encourage some of our younger, or at least newer, members to try something new. I recognize that limits of time and financial resources act as a brake on the things that we might like to do, but try to apply the initiative and perseverance that you devoted to working P5RS7 and you might find that the impossible becomes merely difficult.

Besides, you don't have to go to Laos or Mahé to make an impact! Most of the Caribbean is accessible at reasonable airfare. And although it might seem that every island is spoken for already with a major operation in every contest, if you check your multiplier lists for the last

couple of years you will find that this isn't actually the case (this is how I came up with GJ!). We have a lot of resources available in YCCC in terms of practical advice and suggestions; licensing information can be gotten from the League and elsewhere. This is the time to start thinking seriously about the fall contests — let's put YCCC back on the map, for a few zones other than 05!

## June Meeting

*Paul Young, K1XM*

The next meeting of the Yankee Clipper Contest Club will be on Sunday, June 6, at the Sturbridge Host Hotel, beginning at 1 pm.

The Hosts Hotel is located on Route 20 in Sturbridge, Massachusetts, ½ 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 the rest of 1993 are:

DATE	DAY
June 6, 1993	Sunday
July 24, 1993	Saturday
August 7, 1993	Saturday
October 3, 1993	Sunday
December 5, 1993	Sunday

The July meeting is at the New England Division convention in Manchester, NH. The August meeting is the club picnic.

## Secretary's Report, Yankee Clipper Contest Club

The April, 1993, meeting of the Yankee Clipper Contest Club was held on Saturday, April 3, at the Sturbridge Host Hotel in Sturbridge, Massachusetts. After Rich, K2WR, called the meeting, and introductions of all present, Rich read a partial list of new DXCC field checkers within club territory or sponsored by the club: W1GG, WA1ZAM, N4DW, K2XA, K2VV, KM1H, and AK1N. The Treasurer's Report showed a balance of \$2369.96, with 1993-4 dues due at the meeting. Rich showed the new QSL Routes book for 1993, published in Germany. He also read the list of upcoming meetings (see elsewhere in the Butt); note the **EXTRA MEETING** at the ARRL New England Division Convention in New Hampshire in July. The club then accepted into membership four new and returning members: WE1B, WA1EQU, W1ZA, and KF2MM. See "New Crew" for more information.

Rich then led a discussion the proposed By-Laws amendment as published in the last Scuttlebutt. Fred, K1VR, offered an amendment to strike the word "permanently", which was accepted as a friendly amendment (and thus not voted on). Gary, W1GG, offered an additional amendment to insert "for a period of three years". This change was passed. The By-Laws amendment, as amended, then passed. The resulting additional paragraph in the club By-Laws now reads:

"6A. When exceptional circumstances warrant, and upon the unanimous recommendation of all the club officers present, payment of dues for an individual member may be waived for a period of three years with the approval of 4/5 of the members attending and voting at a Regular Meeting."

Rich, K2WR, then discussed the recent Contest Universities that were held in the Albany, Connecticut, and East Mass./NH areas. Several requests have been received for copies of the videotapes.

Rich then talked about Dayton, and encouraged members planning to attend to

go to the new Contest Dinner at the Stouffers on Saturday evening.

Kurt, W1PH, then talked about scores. He had handouts of the ARRL DX Contest scores received so far. Charlie, WZ1R will collect scores for the 160m, 10m, Sprints, and other smaller contests. Kurt will collect scores for the CQWW and ARRL DX Contests. Charlie reported the 28M points had been reported to him so far for the WPX SSB Contest. Charlie is also the contact for organizing NAQP and Sprint teams.

Kurt, who is also the ARRL New England Division CAC representative, then collected input on the proposal to change the ARRL DX Contests to 24 hours or to introduce a 24-hour category in those contests.

Lacey, W1PL, reported that "The Bus", the HA5BUS operators, will be at Dayton.

Club elections were then held, and the current officers were re-elected unopposed: Club President: Rich Gelber, K2WR Vice President and Activities Manager: Saul Abrams, K2XA Secretary/Treasurer: Charlotte Richardson, KQ1F.

Bill, KC1AG, the ARRL New England Division DXAC representative, then led a discussion to collect member's input on QSLing practices. He reported that ARRL Headquarters gets many complaints about QSLing practices. The DXAC has voted against using computerized DXpedition logs for verification; they still require the QSL cards. At one time the ARRL used to allow confirmation by ARRL DX Contest logs.

Rich then read the program for the Antenna and Contest Forums at Dayton, both to be chaired by Tim, K3LR.

Craig, NX1G, had Ham Radio Bookstore catalogs. Charlotte, KQ1F, had AEA catalogs.

Rich, K2WR, then discussed the internet "contest reflector". This computer service sends copies of mail sent to it to all subscribers, and is very active, especially after major contests or when there are new CAC proposals under discussion.

Barry, N2PNG, then talked about his

failed DXpedition to the Aran Islands (EU-6) off the west coast of Ireland. The trip was plagued by last-minute schedule changes and bomb threats to the aircraft.

Charlie, WZ1R, took orders for the new club callsign badges. The new ones will differ from the samples available at the last meeting in that the callsign will be larger, by popular request.

Respectfully submitted,  
Charlotte L. Richardson, KQ1F  
Secretary/Treasurer  
5 April 1993

## The Annual K1DG Dayton Diary

*Doug Grant, K1DG*

The 1993 Dayton Adventure started in February, when I began the quest for a cheap air fare. Weekly calls to USAir ultimately yielded a \$217 round-trip (vs. a normal fare of \$300 or so) with seats available on acceptable flights, so I bought it. A week later, I received notification from USAir that I had qualified for a free ticket. Just my luck. A few phone calls later, I had permission to "assign" my free ticket to another person. That person was Chris, G3ZDM, who works in England for the same company I do, and was going to be attending a sales meeting in Boston the week before Dayton. It all worked out fine.

Got to Manchester Airport, and decided to try the remote long-term parking lot for the first time. The driver of the "courtesy" shuttle seemed in no hurry, and two of us managed to barely make the flight. As I deplaned in Philadelphia, I was joined by K1GQ, KC1EO, and N1HHG, who had been on the same plane. We found our way to the Dayton departure gate, and were met by 'ZDM, W2GD, K2TW, WA2MKM, W1WEF, K1CC, and several other famous contesters.

On the flight, ZDM started talking to the woman in the seat next to him and her teenage computer hacker son. Turns out that they are Bostonians, and the son had been at the MIT Flea the weekend before (so had ZDM). They were going to Dayton to visit Grandma. The teenager's eyes lit up when Chris described this enor-

mous electronic flea market scheduled for the weekend in Dayton. I think this is how we recruit new hams now - attract them to flea markets where they can buy disk drives and SIMMs cheap, then give them the no-code tech pitch. Times have changed...

Arrived at Dayton, and realized nobody in our group had a car - no sweat, a cab split 5 ways would be cheap enough. Good thing ZDM's skinny. Got to Stouffer's, ran into K1EA in the lobby. He was explaining to EO something about "...I just finished copying 250 disks, and then I tried one, and it wouldn't control the Kenwood, then I thought I had the wrong TSR, then thought I'd have to stay up all night copying 250 more disks, then I tried another one, and it worked, and it turned out the problem was...". Glad I don't go to Dayton to sell stuff.

Planned to meet the K1EA Software-Harvard Radio-Packer Cluster gang at their traditional Chinese dinner, but on the way there, I ran into KR2Q, KR2J, K3EST, and others returning from the Chinese restaurant. Oh well, wasn't that hungry anyway. So we moseyed on up to the Miami Room for an informal start to the suite scene. Usual crowd was there, a bit bigger than usual. AR showed up, after his obligatory "schmooze with the advertisers" affair. Finally made it to bed around 1:30 AM.

AR rises early and offers a ride to the Arena as long as I want to go RIGHT NOW (7:30 AM)! I politely decline, and around 8:30 the phone rings - it's WZ1R (the "Wiz"), who has driven out with KA2CIW, arriving at 3 AM. They are looking for suggestions on "how to do Dayton". They have come to the right place. We meet in the lobby at 9:00, and head out. Stopped for breakfast at the McDonalds on Main Street near the drive-thru beer warehouse, and drink a cup of the worst coffee in the world. Get to the arena about 10:00, and head right to the flea market. The weather is great - high 60s, heading for the 70s, lots of sun - this is going to be one of those Dayton where everyone gets sunburned on Saturday.

Wiz and Tom are amazed at the size of the flea market. They're still wiped out from the long drive, and about 12:30, they

retreat into the antenna forum. I've heard a weather report that it might rain on Sunday, so I decide to skip the forum, and hit the flea market hard. Pacing myself, I manage to get through all but 4 rows, and pick up a few odds and ends (coax relays, connectors, adapters, etc.). Seemed like a lot more real junk this year than usual. Tons of PC stuff - it would appear that everyone must have a CD-ROM drive now, based on the number of flea market guys selling CD-ROMs like: "Every MS-DOS program ever written on one CD-ROM"; "The CIA world Factbook"; and (I am not making this up) "The KGB World Factbook". Also saw one guy selling used audio tapes, including an Arlo Guthrie 8-track.

Was looking for a multi-position coax relay, and found a beauty - but it had N-connectors and some funny 5-pin military connector for the dc control voltage. No sweat - walk down the row and buy a handful of N-to-SO239 adapters. In the next row, I find a guy with lots of random connectors. Yup, he's got one that fits the funny connector for the controls. Is this a great flea market or what?

Made it indoors in time to hit the antique radio book dealer just before the close of the show for the day. Saw a guy buying 6 old QSTs, all from 1916. Panic! Did I blow it? Are these issues I need? Did I get to the band opening late again? Look over his shoulder with my need-list in my trembling hand... Whew! I already have everything he bought. Found out that they had one 1916 issue I needed, and two others in better condition than my copies, so I make progress on the QST collection. Only 6 more to go...

On the way out of the flea market, I saw a reporter from Channel 2 News doing the annual "The hams are here again" story. I get close enough to hear her, and as she closes, describing the wheeling and dealing in the flea market, I tail-end her with "How much for the camera?". Wonder if they edited me out?

Get back to Stouffer's - Wiz and Tom are dazed. Tom's real sunburned. We plan to meet in a half-hour for dinner at the Spaghetti Warehouse. I get to the room, and AR informs me that he's meeting K3EST and others for dinner at the same

place in 15 minutes. We hustle over there and there's a 20 minute wait for a table for 6. We get seated just as Wiz, CIW, W6QHS, and a few others arrive. Wiz spots us getting escorted to our seats, and we bribe the waiter into adding a few more seats. Then N6ZZ and N6TV see us. The kindly waiter adapts our table for 6 to a table for 9, then 12, and a splendid time is had by all.

Back to Stouffer's after dinner for some serious Suite-hopping. Wiz is telling me about the famous guys he saw walking around the Arena, but I warn him that the suites are a highly-concentrated version of famous hamdom. We wander from group to group, and Wiz is blown away by all the famous guys he meets. As I introduce him to people, their first reaction is one of politeness and "who is this guy?". Then I explain that he's been helping me put my station together, and has been my hired-gun in the multi-op efforts at my station, and he immediately becomes "one of the boys". It's all in who ya know.

G3ZDM finds his way to the Miami Room, and regales me with tales of his big finds in the flea market. He's gotta go back to England Saturday, so Friday was his big chance to buy fleas. He made the most of it. I don't now how he could carry that bag. It was his first Dayton, and I suspect he'll be back.

Big news from the West Coast gang is that W6OAT has volunteered to organize a second WRTC, probably in 94 in the San Francisco area. Biggest problem is how to select the U.S. Teams(s). If you have any ideas, contact Rusty. He's looking for suggestions. Yes - I plan to be there.

Someone has brought a copy of JE3MAS' "CT-Modoki" CT-based contest simulator.

I can't get near the thing until after midnight. It's sort of like a cross between Dr. DX and the KCDXC pileup tape. I think it's very realistic. Someone fires it up, and then I sit down. First time I've had the CT 10-Q meter up to 475 on CW! Rumor has it that you can get a copy from LTA (K3LR). You need a Soundblaster or similar card in your PC to run it. And

that's all I know about it.

Back to the room at 2 AM, with a killer sore throat. I am hurting. It's so bad I can't sleep. And to top it off, AR starts snoring around 3:30. Get up, find some aspirin, pull a pillow over my head, and drift off to sleep. Then AR's up again at 7:30, suited up for another day of work in the CQ booth. I respectfully decline his offer of a ride by throwing something fairly heavy in his general direction. He takes the hint, and leaves quietly. I manage to get another couple of hours of sleep, and realize that I am missing the Contest Forum. I fight my way through the shower and into consciousness, and get to the lobby where I'm hoping I can find a ride to the arena. Elevator door opens and out steps K8CC - AND HE'S GOT AN EXHIBITOR BADGE (for the uninitiated, this means he can park right in front of the Arena, instead of way off in the field somewhere). Dave graciously offers me a ride, and we get to the Contest forum in time for VE3EJ's talk. EJ's station is very nice, both inside and out. He's spent a lot of time thinking about station design, and the results show it. His big problem is ice. He gets lots of it.

WZ3Q(ex-WA8MAZ, of HZ1AB fame) is working on a video about contesting. Last year (and again this year), he grabbed a bunch of well-known testers and asked them a few questions on camera ("Why do you do contests? What has contesting done for you in the rest of your life?", etc.). He showed about 25 minutes of answers - I came away from it with the impression that testers are generally an articulate, intelligent, highly-motivated group of people. I hope he finds a distribution channel for his work. One interesting quote from N4ZC - "I think there's no greater high in amateur radio than a 300+ hour!".

Next talk was the VS6WO WW CW story "Multi-Multi from a Rooftop". These guys put together a multi-multi from an apartment in Hong Kong, including all the antennas on the 40x80 rooftop. They used a 160-meter half-wave vertical hanging off the roof. As another example of the changes in this hobby, 'WO has a push-up mast that he

got from KD7P/KH2 as a swap for 300 floppy disks. Anyhow, these guys made 17.8 M points. Only 23% of their QSOs were North Americans. And they had a link to packet! But it didn't help much, since all the VS6s that know the code were operating at 'WO's, and there weren't any cw spots all weekend!

It also turns out that by 1997, all the VS6 calls will be phased out in favor of the new VR prefixes - Hong Kong got VR1-VR0. No idea what Pitcairn's gonna do...

K3WW talked about the single-op assisted category. In a very professional merged video/still slides presentation (assembled by his kids on an Amiga), he described this category as "Single-op Distracted", and showed that there have been only 2 times in 12 tries where the top single-assisted score has beaten the top single-unassisted. The bottom line is that either nobody has yet figured out the optimum way to use this category or else when the best ops go to the best stations, they operate without assistance.

K3LR described his station, located on 11 acres bordering I-80 near the PA/OH line. Again using video, Tim showed us all a very professionally-built station. He and WR3G have done a great job - everything's first-class. The house on the property is a Civil-War-era beauty; plumbing, electricity and radio towers were all added long after the house was built. Several towers, up to almost 200 feet, one of which has stacked 3-element full-size 40M beams. If this station was in New England...

Then G3SXW closed out the program with a tribute to G3FXB. Much has been written about the man who WAS contesting in England, but a few new data points and insights emerged. Al accomplished much in contesting without "trampling". His contest exchanges, while certainly snappy, almost always included a personal touch of some sort - calling you by name if he knew it, or a "Hiya, mate!", and always a thank-you. It's difficult to imagine Al losing his temper and screaming "Get the hell off my frequency!". Nice guys can win - Al won the RSGB Commonwealth contest 18 times in a row. I don't think there's ever been another contest string like that. In addition, he

raised 6 kids and was an expert on jazz music, so he wasn't as one-dimensional as his radio accomplishments would lead one to believe.

At the end of the contest forum, a guy came running up to me and re-introduced himself as Roger Strauch, ex-WA1KZE, now KD6UO. Roger and his brother Hans, ex-WA1NRV, now something else, were the contest teenage sensations in the early 70s in EMass. They were the core of the EMass Murphy's Marauders contingent, and I still remember Murphy meetings at their house in Lexington. I haven't seen Roger for 15 years or more, and he's done well, having founded a communications company in California that's up to \$40M sales. And now he wants to get back into contesting...the NCCC better brace itself. Roger never does anything half-way. He just bought an IC-781 and IC4KL as a start.

The rain showers seemed to stop for a while, and I made it out to the flea market to finish up the last 4 rows. As I got to the end of one of them, I saw a bus parked right at the fence. This wasn't just any old bus - this was THE bus! The HA5BUS bus! Live! The guys were giving short tours through the bus - it's pretty neat - every club should have one for field day. They've been on the road for 19 months continuously now, and they're on the home stretch. No, they didn't have cards with them.

Back to the arena to begin the quest for a ride back to Stouffer's. Found the Phoenix gang, which grew to 7 of us by the time we got to the car. I now have a WB4FLB-shaped imprint on my left thigh. It was a tight squeeze. Some of the guys had been to the DX forum, and were talking about those foolish DX nets. One sample quote: "Roger, roger, when last heard (about 6 months ago), your report was..."

We all compared notes on what great new products we'd seen. I think the best new contest product this year was the new Heil headset. Unlike the crappy Walkman-type earphones, Heil has introduced a thing called the Pro-Set, which uses real, cover-the-outside-of-the-ear ("circumaural" in the trade) earphones,

and a mike on a rugged mini-gooseneck-style thing instead of the fragile solid tube of previous models. Expensive (\$134.95), but he sold out on Saturday. The mike used the HC-4 ("good") cartridge, and the whole thing is relatively lightweight and quite comfortable. Looks like a winner. I predict that all the serious guys will be using them this fall. I know I will.

Another thing that seemed impressive was the Timewave DSP processor. The demo included a 6-channel tape and mixer where you could listen to a CW or SSB signal, then add line noise, QRN, QRM, carriers, and other horrible things. Then you could switch in the filter and clean it all up. There are two versions - one's about \$150 and does most of the needed functions. The other one (\$300 or so) adds some classical audio bandwidth filtering. I didn't buy one - I'm too cheap, and I want to try one in a real contest situation first. But the technology looks like it's getting useful.

When we got to Stouffer's, we had just enough time to change and get to the First Annual Contest Dinner. A lot of people were skeptical that this would be any good; many thought it would be like the DX Dinner - formal, long, and boring. Those guys missed a great event. Really. You should go next year.

K3LR and K1AR organized the thing, and served as Masters of Ceremonies. Formalities were held to a minimum - the "dignitaries" at the head table (mostly presidents of the leading contest clubs) were introduced, and the world's shortest radio club meeting was held (N2VW called an FRC meeting to order and then adjourned it in the same breath). Dinner was good quality and served promptly, followed by a program where AR and LR kept the rate up nicely. Toasts were offered for various contesters we've lost in the past year (including G3FXB, and K3VW, who went home from the hospital on auxiliary oxygen to operate his last contest shortly before he passed away). The dinner speaker was introduced as a famous 7-land amateur who had served in the U.S. Senate, run for President, etc., but then AR realized he had the wrong 7, and introduced not Barry Goldwater, but Joe Rudi, NK7U, former professional

baseball player with the World Champion Oakland A's, and now owner of a rising multiop station in Oregon. Joe was once described as "the hitter with no flaws". A solid .264 lifetime average, with lots and lots of extra-base hits attests to that description's truth.

Joe described his introductions to both ham radio and contesting. While he had no problem stepping up the plate in the World Series with millions of people watching him, he was terrified when he keyed out his first CQ as a Novice (this was while he was still playing pro ball!). He also said that AI6V (alias P40V) was his first exposure to contesting - at first he thought Carl was crazy, but then the concept sort of got interesting to him. And when the DX bug bit him, it bit hard. Joe talked about dragging his TS120 on road trips, and hanging wires out the hotel windows so he could get on the air. Sometime he had to drill holes in the walls of the hotels when the windows wouldn't open. He worked 86 countries that way, just short of his goal of road DXCC.

Joe says he's found ham radio a great way to spend his retirement - turns out most baseball players retire from baseball and have no other interests, waste all their money, and end up in pretty bad financial shape. Fully 60% of the funds raised by events like the Old-Timers games get distributed to needy retired baseball players under 40! So Joe is thankful for ham radio, and is trying to figure out how to get DX-contest-competitive from Oregon. It ought to keep him busy for a while.

Next came the announcements of inductees into the CQ Contest Hall of Fame. They were W3AU, W7RM, W4KFC, W1WY, K3ZO, and W2PV. ZO was in attendance to accept his award, and Molly Lawson, widow of W2PV was on-hand to accept Jim's award. W3AU (originally W3MSK) was \*the\* multi-multi for a very long time. He was responsible for innovations in contest station design such as the "PVRC Mount" for yagis, the use of Beverage receiving antennas, and the CQ tape loop. Retired in Florida now, K3EST accepted his award. W7RM (once W7ESK) built a big multi-

multi station on Foul Weather Bluff in Washington, that served as the training ground for guys like K7JA and K7SS. It was \*the\* Sweepstakes station for many years, and a formidable multi-multi DX contest station. It has been said that every radio in Japan had "W7RM" printed on the front panel. W4KFC was a founding member of PVRC, the first U.S.A. member of FOC, and the "Outstanding Young Ham of the Year" in 1930-something. Vic was one of the all-time best operators, with a modest station in Virginia that dominated U.S. contesting for many years. Most of today's contesters can remember their first SS QSO with the famous W4KFC, and recall the amazingly high number he had, and that immortal "CK 33 VA". W1WY was the Contest Editor for CQ magazine forever. His efforts in the mid-50s single-handedly kept the CQWW contest alive. K1AR took over the column a few years ago when WY's health failed, and he's still in awe of how much work Frank put into the program. K3ZO has been contesting forever, from exotic locations such as Thailand, and all over South America. Fred was employed by the U.S. Government, and at each overseas posting, immediately got involved in the local amateur radio community. His station in Maryland was recently on the cover of CQ, and he continues to dominate the KCDXC CW pileup tape contest every year at Dayton, as well as posting consistent top-ten scores in every contest he enters.

And last, but not least, W2PV. I had the privilege of operating at W2PV many times during the 70s and 80s. This was a station that was designed and built by a perfectionist. And the results reflected the excellence of the design. Jim used computer modeling for antenna design before just about anyone else. His book on Yagi antennas is still the reference work in the field. His basic designs have subsequently been tweaked and tuned extensively, but most of the improvements have been incremental in nature. His designs still represent the baseline "good" antenna. Aside from the technical excellence of the station, one major reason for the success and team spirit in the later years was Jim's wife Molly, who

accepted the award for Jim.

Molly was the ideal "Mrs. Host Op". She made "the boys" feel like part of the family, not simply guys who came to operate Jim's station. She took care of everyone's needs enthusiastically - like the time I showed up with a cold on Friday of a DX contest. Molly showed up like clockwork every hour on the hour with orange juice, and every four hours with two aspirins and a new box of Kleenex. By Saturday afternoon I was cured. And then there was the ever-present crockpot, filled at various times with "contest chili", or "contest curry" - great stuff that always kept us going.

When Jim died and a bunch of the ops went out to Schenectady for the memorial service, Molly went out of her way to introduce us to the other guests not as "some hams who come to operate 4 times a year", but as "good friends". Molly lives in California now, and is very involved in community activities. One charity she works for (a fund to buy hospital equipment for treating children with cancer) raised \$4000 7 years ago when she first signed up. Last year, they raised \$250,000. And though Molly would never take the credit for it, you know she made it all happen. In a few years, I hope we'll see Molly and her crockpot nominated for the Contest Hall of Fame. She's one of a kind.

Door prizes were announced - with 200 or so attendees and a couple of dozen prizes, the odds were pretty good. I won a 1-year subscription to CQ - the audience figured that the "fix" had been in, since brother-in-law AR drew the numbers... Turns out that I get CQ free anyway as a member of the Contest Committee, so I've decided to give the sub to the youngest member of YCCC (G3SXW's suggestion, and a good one at that).

Anyway, kudos to AR, LR, and WR3G for organizing the whole affair. It was the first in what will undoubtedly become a Dayton tradition for years to come...but I gotta admit, I kept wondering if AR's QSL card is still in the bureau drawer at the Myung Sung Chinese-Japanese-Korean restaurant.

At the close of the dinner, John called for any PV operators to come forward for a photo-op with Molly. And they came. I'd forgotten all the famous guys who went there. And what was supposed to be a 5-minute photo session stretched out to an hour and a half of memories from Molly, John, me, KC1F, K1VR, K1ZX, K1ZZ, KR2J, K2XA, and K3LR.

It was getting late, and there was suite-hopping to be done, so John drove Molly back to her hotel, and I headed up to the KCDXC pileup tape contest. Long line, but finally got in. Top scores at the time were K3ZO at 63 and K5ZD at 62 (out of 112 calls on the tape). It's always those two guys at the top. G3SXW has the next at 54, tied with someone I can't remember. I figure anything over 50 will be OK. Get into the room, and they have good headphones again this year. KQ2M is in the same group as me - hmm, this guy's good. Tape starts, long introductory paragraph which Bob puts to paper in its entirety. I write down a few words here and there, and then here comes the pileup! Going along OK, I seem to be guessing which guy will send his call twice and getting it completely. Bob reaches the bottom of the first column before me, but it's OK - he wrote down the whole paragraph, remember? Interesting mix of calls this year - some long-gone guys in there (was that VQ4ERR? Gee, I remember that call...snap out of it, DG! concentrate!!!). Some calls 1 letter off current ones to keep us honest. Noise increasing gradually...get to the bottom of the next column...looks like I beat Bob there, but he's right behind me...noise now deafening...still writing calls, but getting more partials...listen!!! Then it's over. "Pencils down, scores in a few minutes. Thanks for participating." A few minutes stretches into a lot of minutes. Then the guy comes out with the papers, and begins posting the scores on the door. KQ2M's got 50 - nice job, tied with KC7V, but where's mine? Finally..."K1DG 52", and I'm tied for 4th high. Alright! I can hold my head high in the suites. Never got back there for the midnight announcement of the prizes, so dunno if the score held up or if I got a prize at all.

The Miami room was going full-blast

when I got there. All the boys were there, including Wiz, who was nearly at the point of speechlessness at the prospect of another night of meeting every famous ham he'd ever worked. Met a pair of twins from Middle-of-Nowhere, Texas: N5something and N5somethingelse. One of them won the NR last year as KB5HMH, and these guys are really into contesting. Yup, there is some young blood in the sport. My sore throat was gone, and the party raged on. As things slowed down (around 2:30 AM), the time was right to convene the Lobby Suite™, a Dayton tradition. The phone call was placed to the kitchen for 4 pizzas to be delivered to the lobby. At 3:00, the pizza arrived, and the gathered multitudes were fed. Bud, K4ISV, graciously offered to pay for all of it (another Dayton tradition). If you hear Bud on the air, be sure to thank him for the pizza (even if you weren't there). We need to make sure he pays next year, too. The Society of Midwest Contesters had closed down their suite, and arrived in the lobby with excess beer and soda for sale. And Jim, K1ZX, summed up the situation (sitting in a comfortable chair in the Stouffer's lobby eating pizza and drinking beer with 30 guys who all understand your silly hobby better than anyone else you know): "Life is good".

Crawled back into the room about 3:30. Slept until 8:30 or so - AR didn't even offer a ride this time - he knew by now. Checked out of Stouffer's, and found N4OKX and KJ4VH heading out to the Arena one last time. Rode out with them, and they told me how much they had enjoyed the Contest Dinner. And they want to get involved somehow next year.

Got out to the arena, said good-byes to some of the gang, then scrounged a ride from K1IN and KA1CI to the airport. Had lunch with G4CLF and CI, while we were waiting for K1CC, W1WEF, and KG1D to arrive (they left the arena same time as we did in the pouring rain). They arrived very very late - turns out they made a wrong turn and ended up in Indiana! Dunno who was driving, but they said "You shoulda seen the fog!". Uh-huh.

I guess the theme for Dayton this year, at

least for me, was memories. Not the computer-nerd 1Mx9 SIMM type - I mean real human-being-type memories, of people, places, events, and feelings from the past. AR and I discussed this a bit. He observed that many of the contestants we grew up admiring are getting old. Some guys are aging faster than others for various reasons, and with age 40 staring us both in the face soon, the realities of time are becoming all-too-readily apparent. Friends are dying - I guess this will inevitably happen more and more often. Each Dayton will be punctuated with a moment of silence for someone I knew well. The session with Molly Lawson triggered a flood of flashbacks I hadn't considered in years. People I hadn't seen. Places I haven't been for years - including ones that aren't there anymore. All of the camaraderie of multi-op contests of years ago. And strangely, the actual operating memories (and trust me, some of the operating from W2PV was truly memorable) came much later than the other memories. But AR and I agreed that (for now anyway), he and I will stay young. Ignore that QCWA badge on my lapel! I'm 39 going on 18, and can still do a 48-hour single op either mode and kick your butt!

And then there are the two guys. I got to the gate for the Dayton-Philadelphia-Boston flight, and noticed one of the two guys at the gate. You know the two guys I mean - they're at Dayton every year, and I always see them there together. There's the skinny blond guy and the tall dark-haired guy. I don't know their calls, but I think they're VHFers. You know the kind I mean - they can recite from memory all the specs of the entire list of Motorola VHF/UHF product lines (Motrac, Mocom, Motrin, Motown, Modoki...). Last year, the big guy wasn't there. He wasn't there again this year, but the blond guy was, and he had a bunch of his VHF buddies with him. He was showing off the new dc-to-light handheld receiver he bought, and tuning in various strangely-modulated signals running around the airport. VHF guys do that sort of thing. I thought about asking him what happened to the big guy. Then it occurred to me that the skinny guy probably writes a Dayton article for some VHF newsletter,

and probably always mentions "those two guys that HE always sees traveling together to and from Dayton (me and AR)". And this year, he's probably wondering what happened to the "skinny guy". But he didn't ask. GQ arrived at the gate and his first question was "Those two guys here?". I pointed out the skinny guy, and GQ agreed that actually talking to the guy and learning who he is and what happened to the big guy would remove some of those mysteries of life that we all need to hang onto. So I'll assume that the big guy got a job (probably with a VHF radio magazine) and moved away and is doing just fine. And the skinny guy has plenty of other friends to hang out with. Life goes on.

## YCCC: Its Birth and the Early years - Part III

*Jeff Briggs, K1ZM*

(In the last issue, we described the Worcester, Mass., meeting at the home of N1TZ where the framework of what was to become YCCC was defined. This was jointly undertaken by K1IU, N4ZC, K1XX, K1OME, N1TZ, and K1ZM. At the end of the meeting, it was mutually agreed that the new club's charter would be summarized in both clubs' newsletters and then put to a vote in SEPARATE meetings. Ratification by NECC seemed likely; it was felt that the MM vote might be very close indeed. because of this, an attempt was made to contact each and every MM member on the roster to help ensure the proposal's passage. We rejoin our historical journey with that process about to start - one month before the scheduled MM ratification meeting.)

### The Campaign to Win Approval Begins...

The period following the Worcester meeting was VERY busy indeed. On the one hand, there were certain feelings of accomplishment but, at the same time, there was a very long way to go. The prospect of contacting each of the MM members personally was not impossible but it seemed both a necessary and a gargantuan task. Since it wasn't possible to see most members in person, this meant that the telephone was the best way to go.

Using a club roster, the process began the very next day. About every other day updates and progress reports were conducted by phone with Roger Burt at NECC. It soon became obvious that this was not going to be an easy sell to all customers. It also became obvious that it was going to be very expensive.

One day, after I had explained to Roger where I was in the process, he said, "I have an idea that may help you. First, let me check on something and I will get back to you." I did not have a clue as to what he had in mind - but any offer to help was welcome because my phone bill was going to be enormous at the rate I was going! I was spending almost 1/2 hour on the phone with a lot of guys answering questions and trying to stress the positives about what had been proposed.

The next night he called back and explained his plan to me. It seemed that Dana, K1RQF (K1RQ), worked for "Ma Bell" and had the ability to arrange remote conference calls in his spare time at the office. It was suggested that I work with him to run through the roster using his help. As we worked our way down the list, Dana would dial up a number, go about his business at work, and let me do my thing courtesy of AT&T. I was a bit skeptical at first, but it sure worked and saved me a bundle in the process. Using this approach, we managed to hit nearly all of the roster in about two weeks' time.

Dana's contribution to all of this was never really formally recognized at the time but it was vital. He had ENORMOUS enthusiasm for the project and was one of the gang that had left MM to join NECC. His decision had been a reluctant one, though, and he really wanted to see things put back together. Without his help I may have eventually given up trying to contact the entire MM roster due to the expense involved. Dana also performed another valuable function. He used to cheer me up after a really lousy phone call by adding some light humor about the whole thing. On some nights he would even throw in an extra phone call to the weather number in Sydney, Australia, and we would listen to a recorded tape of the weather and water temperatures that the young lovelies were

enjoying at poolside in the land "Down Under"!

Along the way, I kept notes and it seemed that there were three distinct groupings of feelings regarding the new club. The first grouping was clearly in favor of the idea and wanted to be a part of either a winning club again or at least a club that had a chance to compete with the likes of PVRC, FRC, or NCCC.

The second grouping was mezzo-mezzo (that is, in between) and didn't have strong feelings either way. Most said they would go along with the majority based on what they heard at the upcoming meeting. At least they were willing to consider the idea with an open mind.

The third group was a really tough sell. Actually, this would be putting it mildly. Opinions and comments could be summarized as follows:

- ① I don't care to be a part of a big, regional club.
- ② I like small, intimate meetings conducted in MM members' homes.
- ③ I am dead set against the idea of moving the club center.
- ④ The whole thing looks like you sold us out to NECC - you gave them everything they wanted, at our expense.
- ⑤ The name Murphy's Marauders is very special to me; I really do not wish to see it go away.
- ⑥ We tried once to look after the E. Mass. and ENY crowd. When we did hold meetings in Albany and Lexington, Mass., there were more of us present from Hartford contained in two carloads than there were of the local guys. It was a joke. Who needs them?
- ⑦ Worcester is better than driving to Boston. But I'd prefer to have most of my meetings be more local to Hartford.
- ⑧ Your plan isn't really wrong, but we have tried a lot of that before and, in time, nobody wants to do anything. Eventually, you wind up with a roster of dead-wood members who never show. That's why we're down to the

diehards that now come to MM meetings anyway. You may be able to get guys pumped up for a while but, in the end, it will all be the same. Why should we take the risk? It just isn't worth all the effort.

⑨ It just won't work!

⑩ Expletive deleted.

Listening to all the NEGATIVE comments was truly depressing. This was especially so because many of the most hardened positions were coming from some of the biggest score producers within the old MM. At times it was hard to believe that some of these guys were so burned out about things in general. The good news about it all was that it was a very small group of members. The bad news about it was that they were highly respected and valued members, many of whom had either formed MM or helped bring it along to win the gavels won in 1973 and 1974. The irony of it all was not lost on me at the time.

A couple of personal vignettes are worth telling. The night I called Fred Lass, K2TR, to ask for his support was memorable. That particular night I was pretty down about the chances of success for ratification and I sort of dumped on Fred. I remember telling him that support from guys like him was going to be ABSOLUTELY CRITICAL to passage. "King-Fred" as some of the old-timers still like to call him, was one of the most respected members in the club. If he would be willing to speak out strongly IN FAVOR of the plan, I knew it might swing a few votes of the group that was waiting to see which way the wind was blowing before deciding. Fred was PERSONALLY in favor of the plan but not wholly ready to actively lobby for it. At the end of the call I asked him to think about it because I knew it was VITAL.

Another memorable call was the one I made to Jim Lawson, W2PV. Jim had joined the club in 1974 at a SPECIAL meeting held in ENY (in his honor) and had been a very active member of the old MM. Jim, to his credit, came to almost all of the MM meetings and I can still remember talking about antenna theory with Jim and Gerry, W1ZM, at meet-

ings. Both of these stations contributed MILLIONS of points to the club coffers in those years and provided "big-time" contest experience to many past and present MM, NECC, and YCCC members. (K1AR once described the experience this way - "At W2PV we all were doing the thing we loved BEST and we were doing it at the best place to do it in the whole world!" I myself had the privilege twice and John's comment was right on!)

The call to Jim was very interesting. Jim's priorities and point of view were different than most. He explained to me that he viewed his role in a contest club as that of providing one of the lynch-pin BIG MULTI-MULTIS and that he was becoming frustrated about having to go begging to find operators just before each of the big contests. One of his direct comments was this: "Jeff, I am willing to make my station AVAILABLE; that is what I can do. But, I do need some help in staffing it. How do you think a new club will help me in that regard?"

What I told Jim was that I wasn't in a position to promise anything. But, I suggested that a healthy club that was GROWING and not declining had a BETTER CHANCE of providing him what he needed than what we currently had. I noted that the new club might also provide a pool of NEWER ops who, in time, could "grow" into a larger pool of talent to draw from in future years. I said I would personally see what I could do, working with Roger Burt and Fred Lass, to ensure he would not have to work so hard finding operators in the future. Finally, I told him that Gerry Scarano, W1ZM, was on board and would push for approval. I asked that he do the same at the MM meeting.

As the days wore on, it was hard to really tell where things would not out. Roger and I kept in touch and he kept telling me that NECC was going to come through. I kept telling him to keep his fingers crossed because I really did NOT know.

About a week before the actual MM meeting, I drove to Newington to meet with a small group of the toughest diehards in the old MM club. We spent two

hours together going over AGAIN all the negatives. Through it all I would do what I could to listen and then try to stress the positive side of the situation, if there was one. At the end of the meeting, for the most part, it seemed as if positions hadn't changed much. Basically, we agreed to disagree. There was not much room for reconciliation. I went home knowing I would not likely receive much in the way of support when push came to shove at the upcoming meeting.

#### The Day of the MM Meeting Arrives and Disaster Strikes "Big Time"...

The arrangements made with Roger Burt called for MM to hold the FIRST MEETING which would be followed two days later by the NECC meeting. If MM approved the plan, then NECC would vote on it. If MM voted it down, then there was no point in proceeding further. Actually, like most of the core team planning work, this was well thought out. What we had NOT figured on was a change in the weather that almost blew us out of the water!

The MM meeting date was set for a Friday night and was to be held in Newington, Conn., at ARRL HQ. For most of the day it rained. But, after the warm front passed by, a vicious cold front followed. At 3 PM it was over 40 degrees; by 6 PM it had fallen into the high 20s and it was snowing on top of frozen "black ice". My phone was ringing off the hook with calls from guys who I knew would vote FOR the merger but who felt that it was too dangerous to attempt to get to Newington to attend. I called Roger and asked him for his input. My thinking at the time was "CHRIST, we have come so far - we didn't deserve this kind of luck at the eleventh hour!"

After a short discussion, we agreed that there was no way to unravel the situation. We had to proceed. Many guys were already under way and in transit simply because they lived very far away from Newington and had to leave early to get there. But, a few really important guys would NOT be there - they included K1DG, K1XX, and W1ZM. I had really been counting on these guys for some very vocal support at the meeting and it was not going to be forthcoming. It was

going to have to be done without them.

So, very reluctantly, Roger and I decided to "roll the dice" and see what would happen. I left for the 90 mile drive to Newington - none too confident of how it would all play out. Roger remained the eternal optimist. His last words were, "Don't sweat it. We'll do okay, it's too LOGICAL a plan not to win approval!"

In the next 'Butt, the actual events of BOTH meetings will be reviewed. See you then for the details!

### Minutes of the YCCC Contest University of 9 February 1993

A special meeting of the YCCC, at the home of Susan (WN1V) and Mike (K1TWF) Raisbeck, with a total attendance of 33.

The meeting was called to order by Stu, KC1F, at 7:30PM. Stu first surveyed the interests of the group, and elected to begin the University on the topic "Contesting With a Tribander." Various contesting strategies were proposed by the group to help the "little gun" operator hold his or her running frequency, move interfering stations away, and be heard through the din of larger stations. The decision to "run a frequency" or "search and pounce" should depend on the contact rate and need for multipliers, information thoughtfully provided by K1EA's CT contest logging program. It is important to decide at the beginning of a contest whether the goal is DXing (adding new countries for DXCC) or a maximum contest score. The strategies are quite different, because time spent in a DX pileup fighting for a new one can easily cost many normal contacts and reduce the ultimate score. Knowing when to sleep can maintain alertness when it is needed with minimum impact on contact rate.

Dean, N6BV/1, brought copies of his "mountain charts" which show graphically IONCAP propagation predictions for the contesting bands from 10 to 80 meters for the two ARRL DX contest weekends. The "Mountain tops" indicate hour by hour the expected signal

strength on each of the five bands over three different paths, from New England to England, Ukraine, and Japan.

A pizza break followed, with time for socializing and planning for the ARRL DX contests. With some difficulty, the group reassembled to hear from Joe Reisert, W1JR.

Joe gave us some fascinating insight into the design and performance of tribander beams, most commonly those used for 10, 15, and 20 meters. Boom length establishes the maximum available gain, but there are so many compromises and tradeoffs in design which make it virtually impossible to achieve this gain. For instance, keeping the VSWR below 2:1 across each of the entire bands, and maintaining adequate front-to-back ratios and side lobes are significant design challenges. But despite this, Joe pointed out that a good tribander comes within 1 to 2 dB of a monoband beam of the same boom length, with considerably less cost and complexity compared to three monobanders. He also offered specific comparisons and recommendations of commercial products.

Submitted by Bill Santelmann, N1AU, YCCC Eastern-Mass Area Manager.

### The Connecticut Contest University

The Connection section of the YCCC and Murphy's Marauders Contest Club (really the Connecticut section of the YCCC) held a Contest University on January 27, 1993, at ARRL Headquarters in Newington, Connecticut. Forty-eight amateur operators attended of which 23 were YCCC members. Amateurs from the following clubs were represented at the Contest University: Murphy's Marauders, the Naked Chicken Contest Club, the Connecticut DX Association, Stratford Amateur Radio Club, MTARA, FRC, NARL, and CRA. The turnout was much larger than we had anticipated. As a result of this the room where we held the Contest University was quite crowded.

Rich, K1CC, led off the program with a talk on station design. This topic was then discussed by a panel and finally we

opened the discussion to questions from the participants. I think even some of the most experienced of us learned something on this subject.

Rich was followed by Dan, K1TO, who gave a talk on domestic contesting. This included such contests as Sweepstakes, WPX, IARU, and several other contests. This topic seemed to generate a lot of interest among the newcomers to the contesting ranks.

Next up was Warren, NF1J. Warren is the ARRL's Assistant Contest Manager and he gave an enlightening talk on log checking and how logs can be submitted to the ARRL on disk or via the ARRL's telephone BBS.

Tom, K1KI, was next to don the professor's robes. Tom gave a very interesting talk about DX contesting which led to a lively discussion on propagation and grey line DXing.

Last but not least, Lou, KS1L, gave a slide show of his station. This was followed by a presentation on easy to construct coil loaded wire vertical antennas that he has used with good results on the past. Then the audience asked Lou for thoughts and recommendations on how to improve their home stations.

The Contest University was scheduled to last for four hours but it went on for five hours and 15 minutes and the consensus was that we still had a lot of ground left to cover.

Most of the Contest University was videotaped (we ran out of tape by the time we got to Lou, KS1L) and it will be made available for borrowing in the near future.

Submitted by Les Kemble, KG1D

## YCCC Scores

Kurt Pauer, W1PH

### 1993 ARRL DX Contest Scores - CW

#### Single Operator - Big Gun

Bob*	KM1H	3,516,876	2,739	428	48 hrs (*KQ2M)
Greg	W1KM	3,160,752	2,576	409	48 hrs
Dean	N6BV	3,061,905	2,651	385	45 hrs
Rich*	KS1L	3,039,192	2,652	382	(*K1CC)
Lanny	W1OO	1,970,010	1,770	371	37 hrs
Rob	W1MK	848,640	1,105	256	verticals only
Dave	K2SS	422,484	1,292	109	SB15
John	W1FV	172,326	746	77	SB80
Jeff	K1IU	164,730	646	85	SB80
Dick	NY1E	85,272	376	76	SB40
Ed*	W1FJH	13,500	95	45	SB160 (*AD8V)

#### Single Operator - Little Pistol

Kurt	W1PH	1,553,886	1,497	346	37 hrs 100W
Jim	KC1SJ	1,034,550	1,047	330	27 hrs 100W
Bill	K1JKS	1,002,204	1,148	291	30 hrs CL33-40'
George	K2ONP	973,500	1,298	250	30 hrs TH7-50'
John	WS1E	641,850	780	275	25 hrs 100W
John	K1VWL	347,130	551	210	20 hrs 100W
Ed	K1CB	176,670	396	151	20 hrs TBdr-50'
Art	KY1K	152,133	323	157	100W
Fred	K1EFI	73,248	218	112	6 hrs TH7-50'
Vic	N4XR	67,971	163	39	6 hrs
Jack	K1KNQ	25,530	115	74	3 hrs Ant at 18'
Wayne	N2WK	12,000	104	41	7 hrs SB80
Howie	K1VSJ	2,574	33	26	100W

#### Single Operator - QRP

Peter	N1AFC	218,556	468	156	4W
Tom	KA1CZF	212,313	391	181	4W
Lee	WA1LNP	137,256	344	133	12 hrs 5W

#### Single Operator Assisted - Big Gun

Richard	K5NA	3,089,352	2,072	497	
Matt	KC1XX	2,500,862	1,934	431	
Ed	K2TE	1,237,626	1,118	369	32 hrs KT34XA-110'
Al	W1FJ	1,095,600	1,100	332	23 hrs
Hank	KF2O	982,800	910	360	TH7-70'
Steve	KT1O	688,974	803	286	
Mark	AA2Z	421,632	576	244	10 hrs
Bob	WE1F	384,483	671	191	13 hrs A4S-70'
John	K1FWF	62,760	161	130	12 hrs A3-110'

#### Single Operator assisted - Little Pistol

Stu	KC1F	2,093,616	1,876	372	36 hrs KT34A-57'
Dave	N4DW	693,900	771	300	20 hrs KT34XA-40'
Roger	W1AX	546,735	635	287	CL33-40'
David	NY1L	283,185	465	203	13 hrs A4S-55'
Tony	K1KP	266,000			?10 hrs TA33-45'
Bruce	WA1G	217,971	351	207	12 hrs 100W
Don	WB2DND	154,635	305	169	
J.P.	AA2DU	120,324	271	148	8 hrs
John	KB1T	37,599	151	83	9 hrs

## Multi-Single

K1VR	2,816,001	2,251	417
W7OM	1,178,498	1,058	372
K1MBO	934,164	1,011	308

## Multi-Multi

K1RX	8,200,095	4,855	563
KY1H	5,089,800	3,412	499

## Multi-Two

K1AR	8,059,680	4,640	579
K2TR	6,117,120	3,776	540
K1DG	5,821,242	3,682	527
N1AU	1,555,188	1,438	361

## 1993 ARRL DX Contest Breakdowns - CW

Call	Category	Total	160	80	40	20	15	10
N1AFC	S/Q	468 156	0 0	10 7	97 33	172 49	125 41	64 26
K1AR	M/2	4,640 579	70 42	405 80	1,040 117	1,436 128	1,225 113	464 99
N1AU	M/2	1,438 361	22 20	79 41	168 59	572 85	400 77	197 79
W1AX	S/A	635 287	15 15	57 29	81 46	183 64	179 66	120 67
K1CB	S/O	396 151	0 0	0 0	62 32	173 44	84 42	77 33
KA1CZF	S/Q	391 181	0 0	16 12	64 35	122 50	105 44	84 40
K1DG	M/2	3,682 527	77 46	217 66	729 103	1,149 111	1,113 108	397 93
NY1E	S/O	376 76	0 0	0 0	376 76	0 0	0 0	0 0
WS1E	S/L	780 275	17 14	90 37	177 56	224 58	181 56	91 54
K1EF	S/O	218 112	0 0	0 0	0 0	115 50	70 36	33 26
KC1F	S/A	1,876 372	34 23	94 37	216 66	802 92	611 85	119 69
WE1F	S/A	671 191	0 0	32 19	36 20	216 51	316 55	71 46
W1FJ	S/A	1,100 332	39 27	132 39	107 57	366 76	330 72	126 61
W1FJH	S/O	95 45	95 45	0 0	0 0	0 0	0 0	0 0
W1FV	S/O	746 77	0 0	746 77	0 0	0 0	0 0	0 0
K1FWF	S/A	161 130	19 16	17 15	30 25	0 0	43 29	52 45
WA1G	S/A/L	351 207	0 0	0 0	147 59	66 48	44 37	94 63
KM1H	S/O	2,739 428	48 37	252 56	365 71	904 97	864 97	306 70
KY1H	M/M	3,412 499	48 32	325 65	622 93	1,117 112	1,012 108	288 89
K1IU	S/O	646 85	0 0	646 85	0 0	0 0	0 0	0 0
K1JKS	S/A	1,148 291	13 11	65 27	154 50	322 65	391 72	203 66
KY1K	S/L	323 157	0 0	33 20	53 30	123 46	67 35	47 26
W1KM	S/O	2,576 409	41 25	386 66	501 75	707 85	650 84	291 74
K1KNQ	S/A/L	115 74	0 0	0 0	0 0	47 34	61 33	7 7
KS1L	S/O	2,652 382	25 17	173 47	460 78	753 79	864 81	377 80
NY1L	S/A	465 203	0 0	0 0	54 23	160 63	153 56	98 61
WA1LNP	S/Q	344 133	0 0	0 0	22 18	95 41	179 41	48 33
K1MBO	M/S	1,011 308	48 30	121 40	178 58	224 59	328 64	112 57
W1MK	S/O	1,105 256	0 0	227 53	240 63	245 51	315 50	78 39
W1OO	S/O	1,770 371	43 31	134 45	275 76	542 79	555 75	221 65
W1PH	S/L	1,497 346	25 19	138 44	217 62	396 78	494 77	227 66
K1RX	M/M	4,855 563	69 42	717 80	980 113	1,474 112	1,283 118	432 98
KC1SJ	S/L	1,047 330	4 4	64 36	61 44	441 85	339 83	138 78
KB1T	S/O	151 83	0 0	0 0	21 15	73 34	44 21	33 13
K1VR	M/S	2,251 417	36 39	186 52	535 86	569 89	738 88	187 73
K1VWL	S/O	551 210	1 1	23 17	95 44	160 46	138 43	134 59
KC1XX	S/A	1,934 431	19 19	68 49	430 86	612 98	616 92	189 85
WB2DND	S/A	305 169	0 0	41 28	48 29	100 44	69 38	47 30
KF2O	S/A	910 360	29 25	53 33	109 64	295 81	294 80	130 77
K2ONP	S/O	1,298 250	10 9	76 33	110 46	648 73	378 61	76 28
K2SS	S/O	1,292 109	0 0	0 0	0 0	0 0	1,292 109	0 0
K2TE	S/A	1,118 369	10 9	98 44	211 75	414 92	267 77	118 72
K2TR	M/2	3,776 540	74 46	267 66	750 106	1,109 111	1,214 116	362 95
N2WK	S/O	104 41	0 0	104 41	0 0	0 0	0 0	0 0
AA2Z	S/A	576 244	7 7	34 24	172 57	154 65	173 58	36 33
N4DW	S/A	771 300	0 0	84 41	131 59	272 75	199 68	85 57
N6BV	S/O	2,651 385	42 26	159 48	492 78	760 77	969 88	229 68
W7OM	M/S	1,058 372	33 27	100 45	118 58	256 80	381 82	170 90

**1993 ARRL DX Contest Scores - SSB****Single Operator - Big Gun**

Doug	K1DG	4,160,772	2,926	474	48 hrs
Dean	N6BV	4,065,525	2,853	475	45 hrs TH7 stacks
Tom	W2SC	2,544,696	2,079	408	
Lanny	W1OO	2,214,552	1,741	424	37 hrs
Lou	KS1L	602,937	1,467	137	SB15 25 hrs
Dick	NY1E	190,800	636	100	SB10

**Single Operator - Little Pistol**

Jim	N1CC	973,473	1,037	313	25 hrs TB6EM-50'
Don	KA1DWX	789,870	859	310	31 hrs 2L-X-47'
Fred	K1EFI	725,760	756	320	21 hrs TH7-50'
John	K1VWL	495,936	656	252	23 hrs 100W
Don	WB2DND	345,807	500	231	10 hrs
Kurt	W1PH	295,974	486	203	11 hrs 100W
Roland	AA1EY	224,640	360	208	40 hrs 80w wire ant
Rob	W1MK	202,032	368	183	Verticals only
Glen	WO1P	183,447	328	187	15 hrs wires
Al	W1FJ	124,713	279	149	6 hrs

**Single Operator - QRP**

Tom	KA1CZF	147,258	303	162	5W
Peter	N1AFC	66,297	287	77	4W (15m only)

**Single Operator Assisted - Big Gun**

Dan	K1TO	3,117,774	2,134	487	36 hrs monos-120'
Stu	KC1F	2,407,140	1,866	430	30 hrs KT34A-57'
Dave	K1HMO	1,008,126	882	381	TH6
Ken	W1NG	970,776	776	417	Monos
Ed	K2TE	836,472	766	364	KT34XA-110'
Glen	K1GW	235,320	370	212	Mono-100'
John	K1FWF	119,070	245	162	7 hrs A3-110'

**Single Operator Assisted - Little Pistol**

David	NY1L	488,565	706	231	13 hrs A4S-55'
Jack	K1KNQ	416,250	555	250	16 hrs KT34XA-18'
Bob	KD1GG	225,774	339	222	
Bill	WA1IML	218,400	325	224	7 hrs
Bruce	WA1G	205,632	306	224	6 hrs
Roger	W1AX	72,975	175	139	CL33-40'

**Multi-Single**

AD1C	3,924,120	2,469	530	
K1VR	3,429,960	2,264	505	
KE2AY	3,325,425	2,210	505	
K1KP	1,911,990	1,630	391	
K1TWF	1,158,750	1,031	375	
KY1K	893,100	916	325	+NK1I (250W)
K2AJY	748,992	752	332	
KB1AOL	49,662	178	93	SB10 (Novice) +K1FWF

**Multi-Two**

K1AR	10,694,745	5,527	645	
K2TR	7,096,353	3,949	599	
WM1K	1,777,410	1,364	435	

**Multi-Multi**

K1RX	7,109,088	3,976	596	
KY1H	4,539,792	2,817	542	

**Clean Up Your Amp***Paul Young, K1XM*

I hadn't opened my SB-220 in several years. A couple months ago I noticed that the fan was becoming louder. I ignored it. Last week I noticed that the fan had become very quiet. That I couldn't ignore.

I opened the amplifier and found everything covered with a layer of dust, cat hair, and general gunk. I pulled the tubes and cleaned them. I dusted the inside of the amplifier and used a wet paper towel to remove stuff which had baked on.

The fan blade is press-fit on the shaft, and over time it had migrated to where it was hitting the motor, so I moved it back down the shaft.

The combination of air from the fan, and heat from the tubes, and electrostatic charge from the high voltage can make the inside of an amplifier a dusty place. Glass tubes dissipate heat by radiation and by airflow. Ceramic metal tubes dissipate mostly by airflow. You can make those expensive bottles run cooler if you take 15 minutes and clean up your amp!

## 1993 ARRL DX Contest Breakdowns - SSB

Call	Category	Total	160	80	40	20	15	10
N1AFC	S/Q	287 77	0 0	0 0	0 0	0 0	287 77	0 0
K1AR	M/2	5,527 645	46 35	252 72	409 92	1,864 158	1,542 146	1,114 142
AD1C	M/S	2,469 530	25 23	180 63	225 78	783 125	657 117	599 124
N1CC	S/O	1,037 313	6 6	28 22	24 17	188 73	319 95	472 100
K1DG	S/O	2,926 474	29 25	173 61	166 65	858 115	1,043 113	657 95
KA1DWX	S/O	859 310	12 12	60 30	69 39	151 67	316 77	251 85
NY1E	S/O	636 100	0 0	0 0	0 0	0 0	0 0	636 100
K1EFI	S/O	756 320	0 0	19 16	22 19	216 93	267 92	232 100
AA1EY	S/O	360 208	0 0	57 32	69 47	68 41	118 52	48 36
KC1F	S/A	1,866 430	12 12	58 39	86 62	892 127	579 97	239 93
K1FWF	S/A	245 162	1 1	12 12	59 35	37 21	52 33	84 60
WA1G	S/A/L	306 224	0 0	0 0	67 42	78 54	61 57	100 71
KD1GG	S/A	339 222	0 0	5 5	36 28	83 51	98 63	117 75
K1GW	S/A	370 212	5 5	0 0	43 32	63 43	118 61	141 71
KY1H	M/M	2,817 542	39 29	150 57	147 71	837 124	917 130	727 131
K1HMO	S/A	882 381	11 10	45 33	73 51	181 89	248 90	324 108
WA1IML	S/A	325 224	0 0	1 1	21 19	97 61	93 65	113 78
KY1K	M/S	916 325	2 2	45 30	61 39	195 83	209 78	404 93
WM1K	M/2	1,364 435	17 15	82 47	69 46	401 105	546 107	249 115
K1KNQ	S/A	555 250	0 0	0 0	11 11	158 65	212 81	174 93
K1KP	M/S	1,630 391	12 11	62 40	89 53	596 103	377 89	554 95
KS1L	S/O	1,467 137	0 0	0 0	0 0	0 0	1,467 137	0 0
NY1L	S/A	706 231	0 0	0 0	17 14	244 63	230 77	215 77
W1MK	S/O	368 183	0 0	22 19	46 29	97 46	104 46	99 43
W1NG	S/A	776 417	22 20	48 38	62 49	157 85	276 111	211 114
W1OO	S/O	1,741 424	26 21	90 45	112 55	534 96	563 106	416 101
WO1P	S/O	328 187	11 11	20 15	57 32	77 43	101 50	62 36
W1PH	S/L	486 203	0 0	0 0	37 22	150 59	201 70	98 52
K1RX	M/M	3,976 596	33 27	325 78	169 74	1,514 147	1,033 135	902 135
K1TO	S/A	2,134 487	28 23	113 54	95 67	753 117	752 123	393 103
K1TWF	M/S	1,031 375	7 7	43 32	60 46	289 88	368 101	264 101
K1VWL	S/L	656 252	3 3	7 7	44 26	172 65	167 53	263 98
K1VR	M/S	2,264 505	36 27	91 55	123 70	831 121	577 113	606 119
K2AJY	M/S	752 332	0 0	38 26	61 37	214 87	237 88	202 94
KE2AY	M/S	2,210 505	23 19	202 66	132 67	860 121	629 115	364 117
WB2DND	S/O	500 231	0 0	23 19	40 28	204 68	127 52	105 63
W2SC	S/O	2,079 408	16 15	85 40	190 67	667 105	517 96	604 85
K2TE	S/A	766 364	0 0	46 31	78 53	190 91	245 94	207 95
K2TR	M/2	3,949 599	37 33	207 73	200 77	1,217 147	1,627 142	661 123
N6BV	S/O	2,853 475	25 21	169 55	140 65	914 124	838 109	766 101
KS9Z	S/A	1,099 353	0 0	36 27	73 49	196 81	415 96	379 100

## XX Towers

### Hamtower Installation and maintenance

Our prices are very reasonable! We're fully insured.

Our experience comes from quality service on thousands of feet of tower.

Quality German workmanship in everything we do! That's "XX-celence". We're so thorough that top contest stations such as K1EA and K1AR wouldn't think of using anyone but us! Recommended by Cushcraft and Ham Radio Outlet. We'd like to earn your trust, too.

Company authorized ROHN installer

\* we travel everywhere \* (508)851-3567

## Club Badges

Club badges are again available but with a new look. No more QSL.

They are 3½" high by 2½" wide with a plastic laminate and our Clipper Ship logo along with your callsign and name all on light blue stock. These are printed with an H.P. Laserjet III and look terrific!

Two dollars each.

Send two dollars, your callsign and name, and your MAILING address to WZ1R-YCCC Badge, P.O. Box 9106, Pawtucket, R.I. 02862

## Full Satin Jackets

*Len Kay, KB2R*

Show your contesting pride! Put those PVRcers and FRCers to shame! Buy an official YCCC Jacket!

I am pleased to announce that I have recently filled the vacated post of Jacket Coordinator, taking the reins from NT2X and NW1U, and I'd like to get an order in as soon as possible. The jackets will be baseball-style 'Starter'-type jackets, similar to the navy blue ones that were done some years ago, except these will be satin finish with a quilt lining. Concerning color, my first thought was to go with a royal blue with white trim and detail, but since then I've noticed that I see a lot of people wearing royal blue emblemmed jackets. Therefore I am alternately considering white or silver with blue trim. Bring your ideas to the June meeting or send me mail on packet @K1EA.

The basic design of the jacket will be: embroidered name and call on left breast, and large YCCC Clipper logo on the back in one color. There are two ways we can go for the logo: embroidery or silk screen. The embroidery is classier and more durable, but much more expensive. The one-time setup charge is \$20 for the silk screen, or \$350 to \$500 (that's right, no typo) for the embroidery setup tape.

This raises an important topic for discussion which is on the agenda for the June

meeting. Personally, I would go with embroidery, on the grounds of 'if you do it, do it right'. Several others have expressed similar feelings, and also wondered whether the setup charge could be financed by the club treasury, as the setup tape would in essence be club property. This proposal will be among the topics discussed at the meeting.

What about price? These jackets will again be manufactured courtesy of Doug Zwiebel, KR2Q. The basic satin jacket, depending on the model we choose, will cost \$26-\$45 each in quantities of 12-24. Added on to that are running charges for the name/call embroidery and the logo. Again, the specific amount depends on what we decide to go with and how large an order we place, but I estimate \$5-\$20 for add-on costs, putting the total jacket cost in the \$31-\$65 range. The more jackets we order at once, the better deal we get.

The following members have already expressed serious interest in getting a club jacket: W1BK, N1CC, K1EFI, AA1EY, WA1EQU, W1EYT, AA1FY, WA1G, KD1HN, W3IQS, NY1L, N3MLV, KA1NCN, KB2R, WA1S, and WT1T-16 in all. This is enough by itself, but if we can muster 9 more we jump to the next higher discount. If you wish to join this list, simply send me mail via packet or call me at (617)437-5417 days.

Hopefully at the June meeting we can arrive at all necessary decisions, and I will place the initial order soon afterwards. Therefore I would like to collect payment for orders at the meeting and would appreciate it if all interested parties bring payment in full (check or cash) with them, or mail it to me soon afterwards if you will not be attending. See you there!

## Movers and Shakers

New address for Randy, K5ZD:

Randy Thompson, K5ZD  
11 Hollis St. Uxbridge, MA 01569  
home phone: (508)278-2355  
work phone: (508)543-8600

New address for Don, W3AZD, and Hope, WB3ANE:

Don B. Search, W3AZD  
Hope M. Smith, WB3ANE  
10550 St. Rd. 84 #147  
Fort Lauderdale, FL 33324  
phone: (305)370-3128

Linda, ex-KB1AOL, is now N1OQI.

## New Crew

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

Richard D. Batchelor, WE1B  
35 Wheeler Ave.  
Orange, MA 01364  
home phone (508)544-2043

Rich Vitello, WA1EQU  
8 Denfeld Drive  
Westboro, MA 01581  
home phone: (508)366-8713

Duke Brown, W1ZA  
90 Brookview  
Boxford, MA 01921  
home phone: (508)887-9903

Ian Brown-Gelb, KF2MM  
50 Whitman St.  
Hastings, NY 13076  
home phone: (914)478-7743

## 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 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 is working coordinating a group purchase of club jackets. See his article in this issue of the *Scuttlebutt*.

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

**PACKET NET** information is available from Dick Newell, AK1A, 8 Golden Run Rd., Bolton, MA 01740, home phone (508)779-5198, or Dave Robbins, KY1H, Baumann Road, Peru, MA 01235, home phone (413)655-2714.

**CONTEST SCORES** are sent to the club scorekeeper, Kurt Pauer, W1PH.

**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.

**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.

**CT** by K1EA is available from Bill McGowan, KC1EO, 33 Truell Rd., Hollis, NH 03049. Send \$40 (US funds) to register and receive the latest version. CT phone: (603)465-2392. CT BBS: (508)460-8877 (1200/2400 N81). Visa/MC accepted.

**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, June 6, 1993. 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 and 144.99 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	212-580-1075
VP-Activities Manager	Saul Abrams	K2XA	518-439-5700
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**  
**11 Michigan Drive**  
**Hudson, MA 01749**

**First Class**