



Scuttlebutt

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Captain's Cabin

Bill Pedersen, KM1C

1987 is proving to be a good year for the YCCC; we had the win of the ARRL DX Contest in the Spring; our roster continues to grow with many new members and several "returnees" rejoining the club; the Packet System has been upgraded substantially with improvements in software, area coverage, and link states; Post-Contest score collecting and reporting have been the best yet; we had a lot of participation in the CQ WW SSB with probable YCCC-member wins in both the Single-Op and Multi-Single categories; and we have several expeditions heading for 2 and 3 point land in CQ WW CW to help boost the mainland score from the rest of us. When you think about it, the YCCC is functioning very well as a cohesive group with the common interests of radio contesting and good intra-club communications during non-contest periods. This is quite a feat considering the size of our club territory, the mountains therein that separate us, our family and job commitments, other time constraints, etc. Yet the club is on a roll. I credit each and every member for helping to make this happen.

As state above, "the Club is on a roll." We have a sound structure in place with well-organized meetings 6 times per year and one of the best club publications around, the *Scuttlebutt*. Yet, there are a few areas which still need improvement and some issues that need addressing:

1. The *Scuttlebutt* and *Contest Cookbook* are very costly to produce, i.e., printing expenses border on the outrageous. I for one do not wish to propose an increase in the annual dues in order for the club to continue to publish. Discussions are being held with a manufacturer of amateur radio products for a page of advertising which would offset the majority, if not all, of our printing costs. If we went in this direction, the Club treasury would probably grow over time, and we could, perhaps, start investing in some Club equipment, i.e., a slide projector, overhead projector, 220 MHz rigs for critical packet links, etc. I need to hear your thoughts on the advertising proposal, preferably prior to the December meeting. If you are really pro, or violently against, drop me a note, or give me a call. Let's not waste valuable meeting time with a lengthy business discussion.

2. 3830...3830...3830...after the contest. What can we do to improve this situation? I think the YCCC needs to "recapture" this frequency and promote its use for score-reporting by all interested contesters, YCCC and non-YCCC alike. Immediately after a long and grueling contest is not the time to be taking cheap shots, arguing, whining, and/or complaining about something that did or did not happen during the preceding 48 hours! So many operators have a serious and ethical approach as to how they conduct themselves during the contest that it denigrates us all to have to listen to another format immediately afterward. Ideally, we work as hard as we can to make the maximum points possible during the contest, and then we report

these efforts after the contest on 3830. Perceived "gut-burning" issues could be taken down to 3825 if a few of you really think this is an ideal time to discuss them. Spare the rest of those who are there because they love contesting and have an honest interest in knowing how everyone else did regardless of their own personal scores. 3830 should be a place for congratulations and comradeship within the amateur community. When you arrive on that frequency, the contest is already over. 'Nuff said?

3. Club scores from Contest Sponsors. As the situation currently exists, and for a variety of reasons, it is not currently possible to obtain a listing of Club results from either sponsor of the major DX Contests, CQ or ARRL. We get a final score only, but no breakdown on how that final score was determined. I seriously believe that this should be changed in future contests for the following reasons:

- It would help immensely in analyzing how a particular Club won or lost a contest: overall Club participation? Influence of multis? DXpeditions? Packet? Were certain scores not listed? (Who and why not?) Were some scores disqualified? (Who and why?) Some or all of the proceeding? In other words, the contest community could be provided with "Page 2, the rest of the story." This information would probably cause new club strategies in future contests, resulting in even more and/or better participation – something the sponsors I'm sure would like to see.
- Available Club score lists would provide an accurate basis for individual Club Award programs. (As it stands now, it is impossible for an Unlimited Category Club to determine who really did put in points for that Club – no matter how hard one tries to glean it from the published results.) Good club award programs can help attract more members, promote intra-club competition, once again resulting in more overall contest participation.
- Release of Club score lists would serve as a check and balance on those individuals overseeing the contest. In making this point, I am not casting aspersions on anyone. (If anything, contesters have some of the best and most ethical operators known doing the log-checking both at CQ and the League. A tough and mostly unrewarding job at best.) In reality, the availability of the Club score lists should serve to take some of the heat off of those hard-working people. Results would exist in black and white for all to see, and the contest community would have the confidence of knowing exactly how the Club total scores were determined. This should remove any

elements of innuendo, speculation, and suspicion that we may have heard in the past, thus benefiting Contest Sponsor, Contest Scorer, Contest Clubs, and Operators alike.

I am not suggesting that the Club score lists should make it into the published results. This would be an expensive undertaking. Rather, they could possibly be listed in the new NCJ if enough interest is expressed. As a minimum, however, individual clubs should be able to request a listing of Club scores in their category from the Contest Sponsor. To that end, I will be writing to CQ Magazine, the ARRL, the NCJ, and the Contest Advisory Committee in an attempt to promote this idea. Once again, if you feel strongly about this subject, for or against, please get in contact with me prior to the December meeting.

Well, it's time to wrap things up. After all, CQ WW CW is almost here and there are some things to fix (antennas and amplifier!). What kind of shape is your station in, and what kind of score will you be putting in for the Club? Try to get that score to NK1F as quickly as possible on the "new 3830" after the contest, via packet, telephone, or the U.S. Mail.

Bring the duped scores to the December Luncheon and Meeting where a great program has been lined up: a wide-band antenna talk by Frank Witt, AI1H (tired of having to use the antenna tuner on your 80-meter inverted-vee to get on 75 SSB?), a video and talk by N1AU on his recent visit to the USSR, slides of the by-then recent club DXpeditions, and, possibly, a Mysterious, All-knowing, All-Omnipotent Visitor from the East. Also, bring a fellow amateur along and let's sign him/her up! It's the best damn radio club around, and it's still only 10 bucks! See you at Sturbridge!

Next Meeting

Paul Young, K1XM

The next meeting of the Yankee Clipper Contest Club will be on Sunday, December 6, 1987, at the Sheraton Sturbridge, beginning at 1 pm. The featured speaker will be Frank Witt, AI1H, whose topic is "Broadband Antenna Matching Techniques". For years we have used tee and gamma matches for matching transmission lines to dipoles and yagis. An approach, which does what they do but which also broadbands the match will be described. It's easy to build with easy-to-obtain parts. If you operate 80-meter phone and cw, you should find the example presented very useful. The author's article in the October, 1986, QST entitled "Broadband Dipoles – Some New Insights" provides good background information for listening to the talk.

The Sheraton Sturbridge Resort and Conference Cen-

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

The meeting dates for the rest of 1987 and 1988 are:

DATE	DAY	DELI-LUNCH
December 6, 1987	Sunday	11:30 AM
February 6, 1988	Saturday	11:30 AM
April 9, 1988	Saturday	11:30 AM
June 5, 1988	Saturday	11:30 AM
August 6, 1988	Saturday	Lakeside Bar-B-Que
October 2, 1988	Sunday	11:30 AM
December 4, 1988	Sunday	11:30 AM

Reserve your place at the club pre-meeting luncheon (\$9.25) by letting KQ1F know before noon on Thursday, December 3rd. Notification by mail is a better bet for this luncheon because of the PJ2X contest DXpedition, so send Charlotte your QSL card. Contact her as follows:

Charlotte Richardson

11 Michigan Drive

Hudson, MA 01749

(617)562-5819 (home phone with answering machine)

(617)568-6588 (work phone)

Secretary's Report Yankee Clipper Contest Club

The October YCCC meeting was held at the Sheraton Sturbridge on 4 October 1987 with 53 members, their families, and guests in attendance. Only one carload of prospective attendees made it from west of the Berkshires (arriving late with snow on their hats in the 4-wheel-drive Jeep belonging to Dave, KY1H). The meeting was chaired by Tom, K1KI, in the absence of club president Bill, KM1C, whose excuse is reported to be that he was attending a family wedding. Several visitors introduced themselves. In lieu of general introductions, we had a brief eyeball QSO contest, where the exchange was Callsign, Name, Transmitter brand name, and Amplifier brand name, which was won by Bill, N1CQ, with 28 QSOs. A tabulation of the log sheets showed that Kenwood was the most popular brand of radio among the members in attendance; Heathkit amplifiers were the most popular, with Alphas a close second:

Rigs:		Amps:	
Kenwood	40	Heathkit	15
Yaesu	3	Alpha	11
Drake	2	Drake	4
Collins	1	Kenwood	4
Heathkit	1	Dentron	3
Icom	1	Henry	3
		Ameritron	2
		Homebrew	2
		Amp Supply	1
		B & W	1
		None	3

Tom then announced the winners of the ARRL DX Contest club competition for the last ten years:

1977	PVRC
1978-86	FRC
1987	YCCC!!

This brought loud applause. The margin of victory was only 1.8M points, less than the individual contributions of many of our members.

Paul, K1XM, then awarded the Editor's Awards. Individual Contributor awards went to the following members, whose individual contributions for both modes of the ARRL DX Contest totaled over our winning margin of 1.8M:

John Dorr, K1AR
Rich Assarabowski, K1CC
Stu Santelmann, KC1F
Louis Cohen, K1YR
Bob Shohet, KQ2M
Fred Lass, K2TR
Randy Thompson, K5ZD/1 (now /3)

He presented Special Awards to Bill Myers, K1GQ, the "invisible man" whose callsign never appeared in QST but without who we would not have won, and to Bill Santelmann, N1AU, who as President guided the club to victory.

Special Editor's Awards went to the following members who made at least 100K in each mode of the ARRL DX Contest:

Dick Newell, AK1A	Gene Frohman, K1RU
Bill Pedersen, KM1C	Mark Pride, K1RX
Doug Grant, K1DG	Fred Hopengarten, K1VR
Brian Szewczyk, NJ1F	Len Bean, KB1W
Jeff DeTray, NK1F	Ed Landry, WA1ZAM
Dave Robbins, KY1H	Doug Sharp, WB2KMY
Don DeZam, KB1KE	Ira Stoler, K2RD
Joe Fitzgerald, KM1P	Joe Krone, WA2SPL
Dana Cobb, K1RQ	Dwight Sipler, AI3E
John Kenny, W1RR	Gerry Hull, AK4L

Editor's Awards went to the following members who submitted a score for both modes:

Bill Santelmann, N1AU
Gordon Durk, KA1DWX
Charlotte Richardson, KQ1F
John Kaufman, W1FV
Jeff Bouvier, K1IU
Tom Frenaye, K1KI
Dave Meldrum, KA1MI
Steve Wedge, KT1O
Paul Young, K1XM
Jeff Briggs, K1ZM

John, K1AR, awarded CQ plaques for 1984 and 1985:

- 1985 Single-OP 20m SSB (sponsored by SCCC) to Stu, KC1F, operating at K1OX
- 1984 World Single-Op Combined Score (sponsored by W6YY) to Doug, K1DG, who was number 3 in the US on both modes

- 1985 Single-Op All Band SSB (sponsored by PVRC) to Doug, K1DG
- 1985 Multi-Single CW (sponsored by KR2Q) to Tom, K1KI (operators were Tom, K1KI, Mike, W1OD, and Dan, K1TO)
- 1984 DXpedition SSB (sponsored by W2GHK) to Tom, K1KI, operating at P44A, which was number 2 in the world

John also presented a YCCC Special Packet Radio Award to Dick, AK1A, for his work on the packet system.

The club welcomed twelve new and returning members:

J. Craig Clark, Jr., N1ACH
 Shawn C. Kelley, WB1AEL
 James Russell, WB1CNM
 Frandy Johnson, N1FJ
 Barb Shutt, NK1I
 Jim Idelson, K1IR
 Rusty Lyster, NK1K
 Mark Curran, KA1ODA
 Mike McCarthy, WA1UAR
 Robert Naumann, KR2J
 David Siddall, K3ZJ
 Manish S. Doshi, VU2MML/W1

The Treasurer's Report showed a balance of \$318.64.

Tom, K1KI, collected lists of members planning multi-op efforts for the CQ contests and those needing more operators, as well as people looking for stations to operate. He reported that there was no real news on the 220 MHz proposal and not to expect any action from the FCC for about three months, but he was optimistic. There is a proposal before the WARC conference by Mexico to allocate frequencies around 440 MHz for land mobile communications, and a new proposal to amend Part 15 to deregulate spurious rf emissions from home electronics devices, which will effect amateur frequencies.

Doug, K1DG, suggested YCCC Award(s) for submitting evidence (club QSL cards) of having worked various numbers of club members, along with enough IRCes to cover postage. He proposes printing a description of the award(s) on the left side of the back of the club QSL cards. A vote indicated that the members present would not object to a small increase in the price of the club QSL cards to cover this additional printing. It was felt that a stick-on award announcement, which we see on many DX cards coming through the BURO system, is likely to cost more as well as being much more likely to become detached from the card and lost. Doug will look into any additional cost for the QSL cards, printing up certificates, and required number of IRCes to be submitted to cover the postage and costs associated with this program to cause it to be self-funding.

The idea of a Northeastern QSO party, in addition to or in place of some of the lightly-operated state QSO parties, was discussed, but no conclusion was reached.

Don Search indicated that the operator of A61AB has not yet submitted his authorization to operate that station (it is privately owned, and such authorization is required), but "Work First, Worry Later". He also reports that the recent Greek group operating from Mount Athos (SY) has not yet submitted documentation.

Dave, KY1H, reports that his swap net on 28303 on Thursday at 9 pm local time will move to 8 pm on October 15th. He also has a packet system running on 223.58 MHz, and cross-posts DX announcements to and from the AK1A system on 2 meters. Dave is also planning an open house on October 18th, including a tour of his station for the novice class he is teaching, followed by a cookout (or cook-in, depending on the weather! He says he owns several pairs of snowshoes, in case they are needed to reach the antennas; his QTH received more than a foot of snow!).

The 50/50 raffle netted \$22 for Al, KA1FBY, the lucky winner.

Following a brief (beer) break, Tom, K1KI, spoke on grayline DXing, and showed an op aid you can make cheaply starting with a great circle map centered on or near your QTH (there are several in the new **ARRL Handbook** centered on different geographic areas; Tom uses one centered on W1AW), a piece of clear plastic, and a brad. On the great circle map, sunrise and sunset at your QTH form a straight line; the angle of this line from the vertical can be computed by a small BASIC program Tom has for any particular date of interest. Workable grayline areas are within about ten degrees of the terminator on the day side (depending on the band). If you draw a line on a piece of clear plastic, shade one side, and draw an oval on the other side to correspond to the sun being within ten degrees of the horizon, you can fasten this at the center of your great circle map and easily see what parts of the world you can expect gray-line propagation to on a given date by setting the angle of the terminator according to a chart he distributed of the angles (for approximately the latitude of Boston, MA) as calculated by his BASIC program for several dates.

Following this, Ken, K1EA, Doug, K1DG, Jack, W1WEF, and John, K1AR, formed a question and answer panel on contesting styles, operating position chairs, contest food and drink, family relations during contests, when to sleep, what frequencies to occupy and how, how to move stations to other bands, how to prevent someone stealing your frequency, how to get a frequency, how to find multipliers, use of multiplier checkoff sheets, how to deal with pileups and when to

give up on a pileup, when to run and when to hunt multipliers, how to operate split during SSB contests, how to handle your pileup and which stations in it to call first, how to prepare for a contest, how to set your filter widths and RIT, and when and how often to change bands.

After this panel discussion, Charlotte, KQ1F, showed slides of the trip she and husband Paul, K1XM, made to Palau (Western Carolines), operating as KC6MX (cw) and KC6IF (SSB) when their duties assisting a group of scientific researchers allowed.

After this, members adjourned to Rom's and other eateries for much-needed refreshment!

Respectfully submitted,
Charlotte L. Richardson, KQ1F
Secretary/Treasurer
5 October 1987

ARRL DX Contest Results 1975-1987

Tom Frenaye, K1KI

Year	First	Second	Third	Notes
1975	FRC 35M	PVRC 29M	MM 28M	
1976	FRC 44M	PVRC 40M	MM 36M	
1977	PVRC 65M	FRC 50M	MM 41M	NECC 8th (14M)
1978	FRC 134M	PVRC 102M	YCCC 81M	
1979	FRC 83M	NCCC 66M	PVRC 63M	YCCC 4th (54M)
1980	FRC 82M	YCCC 57M	PVRC 54M	
1981	FRC 107M	YCCC 87M	PVRC 53M	
1982	FRC 65M	YCCC 57M	PVRC 47M	
1983	FRC 53M	YCCC 44M	PVRC 26M	
1984	FRC 57M	YCCC 51M	PVRC 28M	
1985	FRC 41M	YCCC 36M	PVRC 15M	
1986	FRC 40M	YCCC 26M	PVRC 18M	
1987	YCCC 43M	FRC 41M	PVRC 14M	

NOTES:

FRC: Frankford Radio Club
PVRC: Potomac Valley Radio Club
MM: Murphy's Marauders
NCCC: Northern California Contest Club
YCCC: Yankee Clipper Contest Club
NECC: Northeastern Contest Club

Packet Cluster Update

Dick Newell, AK1A

We had 3 PacketCluster nodes up during the CQ WW SSB contest, including K1GQ, K1FWE, and W1RR. The only problems we had were space problems on the K1FWE and W1RR nodes, as they are running floppy-based systems, and some RF problems with the 2m radio at K1GQ. The results are for a total of 39 $\frac{1}{2}$ hours of the contest. Due to some file problems, I missed getting the DX announcements from 1130Z to 2100Z Sunday. The total number of announcements for the weekend was approximately 1350! Of those, 355 were lost due to the file problem. However, the line scores below are still extremely impressive. These results are based on 995 announcements, of which 378 were dupes, giving a total of 617 unique spots.

Band	Spots	Countries	Zones
160	55	42	14
80	105	71	17
40	91	70	23
20	151	100	31
15	119	81	25
10	96	62	19
TOTAL	617	426	129

Many of these spots are for 2 pointers, and therefore assuming a relatively low points per QSO of 2.4, this would give the PacketCluster a total score of 821,400 points!

Square Array Phasing

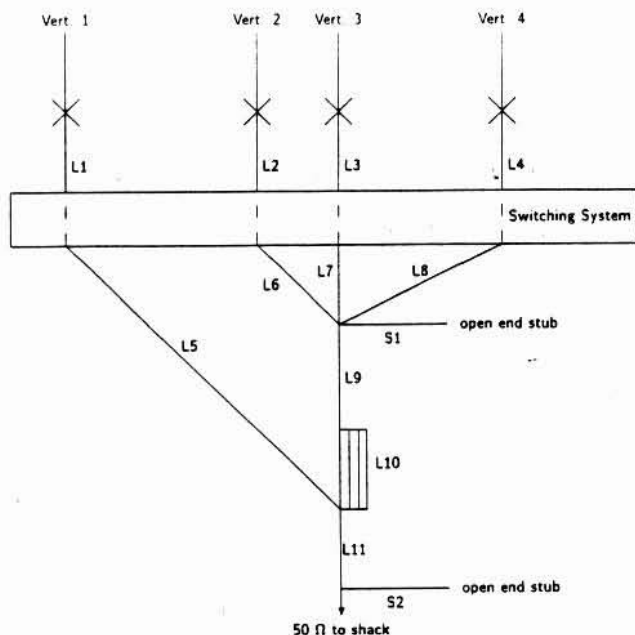
Dave Robbins, KY1H

This was evolved from the Christman method described in the new **Low Band DXing** book from the ARRL. Through L5-8 the development is identical, then I replace the lumped network with stubs and coax transformers. I feel that this puts the network design in an easier-to-build form since you don't have to go find the transmit power capacitors and inductors.

The switching network I used was the one described by W1CF in the **ARRL Antenna Anthology**, implemented with three DPDT relays. The one shown in the **Low Band DXing** article could be used if 10 degrees worth of L5-8 were taken off and added to L1-4 making L1-4 119 degrees long, L5 30 degrees, and L8 38 degrees. This makes lines L6-7 disappear and somewhat simplifies the switching. I did not do that because I already had the feedlines from each of the antennas installed and was just replacing my old Wilkinson power divider system with this new system.

The performance so far seems to be better than the original W1CF design (using Wilkinson power dividers) by about 1 S-unit. The front to back ratio is also better giving as much as 4 S-units change on some signals.

To house the switching and phasing system I use a galvanized trash can. They are available in a variety of sizes, provide a shielded enclosure, and are waterproof. I cut a notch in the rim of the can to just below the lid level for the cables. Be sure that you leave a drip loop in the cables, unless you want a can full of rain water. I haven't had to do any further waterproofing but you could put a piece of weatherstripping around the lid to really seal the can.

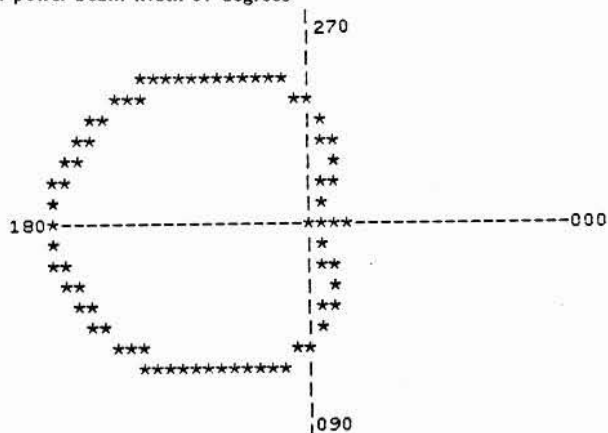


Element	Radius out	direction	current	phase
1	0.17678 λ	0 degrees	1	0 degrees
2	0.17678 λ	90 degrees	1	-90 degrees
3	0.17678 λ	270 degrees	1	-90 degrees
4	0.17678 λ	180 degrees	1	-180 degrees

Forward gain 7.71 DBI

F/B ratio 25.22 at angle of 180 degrees

Half power beam width 97 degrees



All values below calculated for 7150 kHz:

Line #	Impedance	Length (degrees)	Length (inches)
L1-4	50 Ω	99	354"
L5	50 Ω	40	143"
L6-7	50 Ω	10	35.75"
L8	50 Ω	48	171.75"
S1	75 Ω	77.5	234.5"
L9	50 Ω	12	43.5"
L10	12.5 Ω	41	146.75"
L11	50 Ω	29	103.75"
S2	75 Ω	67	202.75"

NOTES:

- 1) L1-4 were existing lines and could be lengthened by shortening L5-8 the same amounts.
- 2) S1 and S2 are open end stubs and could be done with 50 Ω .
- 3) L10 is 4 pieces of 50 Ω coax in parallel for effective 12.5 Ω line.
- 4) 50 Ω coax was RG-8X with velocity factor of .78.
- 5) 75 Ω coax was RG-59 solid dielectric with velocity factor of .66.

Electrical Analysis:

Point	Impedance	Current	Voltage
Ant. 1 feedpoint	3.4-j12.5	1 \angle 0	12.95 \angle -74.29
Ant. 2 feedpoint	39.4-j17.5	1 \angle -90	43.11 \angle -113.95
Ant. 3 feedpoint	39.4-j17.5	1 \angle -90	43.11 \angle -113.95
Ant. 4 feedpoint	63.4+j47.5	1 \angle -180	79.22 \angle -143.16
After L1.L5	9.69-j70.8	0.59 \angle 175	42.3 \angle 93.5
After L2.L6	70.97+j17.73	0.75 \angle -0.41	54.5 \angle 13.61
After L3.L7	70.97+j17.73	0.75 \angle -0.41	54.5 \angle 13.61
After L4.L8	27.78+j23.64	1.52 \angle -26.99	54.65 \angle 13.34
Parallel L6.L7.L8	16.54+j8.54	2.93 \angle -14.01	54.50 \angle 13.30
S1	0-j16.5		
After L9	12.8+j0	3.33 \angle 53.48	42.6 \angle 53.48
After L10	12.54-j0.29	3.36 \angle 95.15	42.17 \angle 93.8
Parallel L5.L10	11.82-j2.27	3.51 \angle 104.5	42.24 \angle 93.6
S2	0-j32		
To shack	50.9-j0.2		

NP4A – The Hard Way A Three-Part Trilogy Part One

Jeff Briggs, K1ZM

(Author's Note: It has often been said that "just getting there is half the fun!" While, in most cases, this may be true, as the following story relates – not always!! Sometimes it can be a real adventure! Read on and you'll see exactly what I mean! – K1ZM)

This past January 1987 I had the privilege of being invited to work the CQ/160M CW Contest from Pedro Piza's mountaintop in Puerto Rico – the well-known home of NP4A. Being a student of 160M this was to be a very special visit – superb antennas, 1000' beverages, excellent North/South propagation as well as long-path – the works!! The objective was to try to recapture the CQ/160M record from CT3BZ (alias OH2BH – Martti Laine) who had set the record in 1986 and bring it back home (again) to NP4A. As an added plus, this was to be a short "family vacation" to the Caribbean as Pedro had asked me to bring my wife Miriam along on this one – which was gracious of him and something that also helps to reduce the level of XYL/QRM regarding dx contesting in general.

The plan was to have Miriam meet me at JFK New York around 5:15PM for a 6:00PM flight to San Juan. Miriam would be arriving on an incoming flight from Phoenix where she had been attending a national sales meeting. We would join up at American Airlines and off we'd go – well, that's the way it was supposed to go.

During the week before the contest Pedro and I kept nightly schedules on 160M and by Tuesday I advised him of a severe Winter snowstorm which was being predicted for Thursday January 22nd which was the day of our flight down. By Wednesday night the forecasters were saying it would definitely hit New York and that it would likely be the biggest storm of the year – 10-14" were predicted.

Under normal circumstances this wouldn't have been a problem. I'd simply have taken an additional day off from work and flown down Wednesday night or, alternatively, Thursday morning since the storm wasn't due to hit until mid-morning. But, since Miriam couldn't get out of Phoenix until Thursday anyway, this simply wasn't possible. I mean, if old "zulu mouse" had taken off alone, I'd have never heard the end of it. So I waited it out, advised Pedro that the trip was looking shaky at best and let the chips fall as they might.

Going into Manhattan on Thursday morning I knew disaster was about to strike - it was totally overcast - with a dark snowy sky and 20 degrees outside - no way was this one going to be rain as I'd hoped out at JFK. Sure enough, while sitting in a staff meeting at 9:30AM, it began to come down - tons of greasy skid stuff - and really heavy - it was a total whiteout at times. My inclination was to just get the Hell out to the airport anyway but I had scheduled several key meetings and had a luncheon I couldn't miss - so it wasn't until about 1:15PM that I actually made it out of the office.

I had driven into work that day and left my car in a garage on East 45th street near the U.N. Before leaving the office I called American Airlines at JFK and they told me that the airport was still open - and that I'd best get out there right away because if my flight did take off and I wasn't there, then I would be S.O.L. for sure. At that point I remember looking out the window from my office overlooking 3rd Avenue - traffic was at a total standstill. Six to eight inches were already on the ground and in NYC that spells total chaos - gridlock isn't the word for it - try the world's biggest parking lot!!

In spite of that fact, for some unknown reason I decided to try to drive out to the airport anyway. I retrieved my car from the \$18.00 a day "rip-off" garage where I'd left it (making sure the tires, headlights, and hubcaps were still on the car) and headed up 3rd Avenue. What a mistake! After one hour I'd moved from 3rd and 45th up to 3rd and 47th - a big two blocks progress! It was now 2:30PM and I was getting nowhere fast. Besides, taxis without snow tires and BIG Mack trucks were skidding all over the place around me - and 'ZM in his little VW Rabbitt didn't like the looks of any of this! I realized I'd never get to the airport this way and decided I'd better think of something else in a hurry. The best thing seemed to be to get the car back into a parking garage ASAP. But how? In the last twenty minutes I'd only moved six inches! Then I spotted a garage on East 47th street off to my right - but how to get there?? It was simply impossible to move! As luck would have it, I got a momentary opening - and even though there was total gridlock on East 47th street as well, the SIDEWALK looked clear and inviting. So I went for it - over the curbside - past three old ladies

pushing their shopping baskets and on halfway down the block into Sleazy Joe's parking garage #2 and I was in and out of all that insanity going on around me! I told Sleazy Joe to keep my mean machine(?) for 3 days and that I'd see him around 6PM on Sunday night. He said that would be fine for \$25 per day "on account of the snow you see my man" - \$75 in all. My response was unprintable but what do you do with these guys?? So I went for it - what else? Next of course came the "How do I get to the airport now?" routine. I remembered something about a "Train to the plane" JFK subway for \$4.00 and that it left from Rockefeller Center somewhere around 51st street and Fifth Avenue. That was only about 7-8 blocks from where I was - except for the 8" of snow. So, with my two bags, off I went through the slush. After nearly getting wiped out several times by the cabbies in their cabs which were skidding everywhere, I got over there and, fortunately, the trains to JFK were still running. I got on one (it turns out it was the last one that ran to JFK that day) and reached the airport about 5:30PM for my 6PM flight.

Once there, I quickly learned that JFK had closed at 1:00PM. And that the friendly folks at American Airlines had neglected to let me in on that fine point when I had called them at 1:30PM!! I also realized that my wife's flight in from Phoenix probably had been canceled when JFK had closed. At that point I truly felt that this was one contest that I just wasn't going to be able to get in on - that the Gods were truly working another pileup that day!!

While this may all seem amusing, apart from being somewhat of an unbelievable story, it was nothing compared to the events which followed. Look for part two of this "tome" in the next issue of the 'Butt. 73, Jeff, K1ZM.

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Score Rumors:

Jeff DeTray, NK1F

YCCC Scorekeeper

(Thanks to Randy Thompson, K5ZD/3, and the NCJ for providing some of this information.)

The following scores have been gleaned through a variety of means, including K5ZD's 3830 gathering, US Postal Service, packet radio, telephone calls, and general gossip. Please excuse any errors. A number of non-YCCC scores are included ... they make for interesting comparisons. Thanks to all who assisted, especially K1XM for snagging the CW SS scores. You can help avoid mistakes and omissions by sending me your scores after every contest. It's easy! Just mail me a copy of your summary sheet, send me a Radio-

gram, call me on the telephone, scrawl the info on a QSL card, or leave a message on the K1GQ, KY1H-4, or K1KI packet boards. Be sure to include call sign used, category, QSOs and mults, and final score. Feel free to give me a band-by-band breakdown, too. Score info can also be sent to your Area Manager. See the back page of the Scuttlebutt for his phone number.

CQ WW SSB:**Single-Op:**

Call	Qs	Zs	Cs	Score
N1AFC (QRP 3w)	377	55	134	210K
NB1B	188	58	113	81K
K1CC	900	?	?	1.2M
K1DG	1736	128	369	2.4M
KM1H (KQ2M)	?	?	?	2.9M
KT1O	494	76	174	334K
KR1R	124	26	45	20K
K1RX	?	?	?	1M
K1TR	410	58	136	227K
K1VR	928	123	334	1.2M
W1WEF	?	?	?	1.2 M
K1ZM	?	?	?	2.9M
W2GD	674	108	293	550K
N2IC/0	1586	138	321	1.7M
NY2L	1640	137	407	2.5M
K3NA	1083	126	353	1.4M
WX4G	1363	143	365	1.9M
AA4NC	910	115	310	1.2M
K5NW	858	116	270	
K5ZD/3	1422	132	391	2.0M
W9RE	1550			

Single-Op Single-Band:

Call	Band	Qs	Zs	Cs	Score
KE5FI	10	516	28	85	160K
K1WW	15	600	33	118	
N2AU	15	919	32	132	
W2HPF	15	622	31	117	
WA2QNW	15	577	33	113	
K2WK	15	618	27	111	
K0RF	15	770	31	124	
VE3XN	15	1605	34	134	730K
NB1H	20	1205	37	138	601K
K1UO	20	1305	39	142	
K1VSJ	20	256	31	85	82K
N2AA	20	1360	39	144	
K2VV	20	1560	37	141	
WB2ITR	75	250	22	73	
W4PZV	75	129	21	66	
WA4SVO	75	297	22	80	
N4UM	75	193	25	72	
WB8JBM	75	350	28	88	
K0KX	75	93	15	48	
P40R	75	1714	23	90	
8R1RPN	75	1090	14	67	

Multi-Single:

Call	Qs	Zs	Cs	Score
K1AR	2341	152	534	4.63M
N1AU	516	86	219	422K
KM1C	761	98	280	799K
KA1CI	367	67	167	235K
WB1CNM	369	63	173	250K
W1ETH	238	53	125	99K
KQ1F	617	106	303	656K
NJ1F	700	105	230	
NK1F	401	79	207	320K
W1GG	263	69	161	160K
K1GW	58	24	40	9K

KY1H	1418	115	389	2.1M
K1KI	333	58	135	170K
AK1L	518	91	233	471K
KM1P	630	96	262	610K
W1PH	451	88	225	389K
W1RR	815	109	337	1M
K1SA	68	16	43	11K
K1ST	268	65	132	150K
K1TO	1573	126	412	2.4M
N2MG	1587	118	375	2.19M
N2RM	?	?	?	4.4M
W2RQ	2064	128	411	3.2M
WB2ULI	1650	134	355	2.4M
K3TUP	2505	152	507	4.7M
N4RJ	1940	160	505	3.67M
N4ZC	1868	161	551	3.8M
WM5G	1805	162	485	3.25M
K5NA/2	1398	136	427	2.1M
K8CC	1140	142	421	2.5M
KP2A	7326	149	477	11.57M
VE1DH	3400	117	332	3.25M

Multi-Multi:

Call	Qs	Zs	Cs	Score
K2TR	2357	142	492	4.03M
W3LPL	4587	166	631	10M
K4VX/0	2064	155	501	3.72M
N5AU	3750	173	576	7.4M
NR5M	3905	162	557	7.6M
N6ND	3387	57	?	5.0M
PJ1B	15450	171	571	32M
VP9AD	13689	164	579	22.6M

SS CW:

Call	QSOs	Ms	Points	Call	QSOs	Ms	Points
K1AR	751	75	112K	N5AU	1232	75	184K
WB1CNM	658	74	97K	KC5DX	1106	75	165K
KQ1F (A)	222	68	30K	K5GN	1224	74	181K
WB1GQR	911	70	127K	K5GO	1154	75	173K
K1KI	360	70	50K	KM5H	861	74	127K
W1OD (A)	793	73	115K	W5WMU	1265	75	189K
W1PH (A)	793	73	115K	K5ZD/3	1090	74	161K
K1TR	917	74	135K	N6ND (A)	940	75	141K
K1VSJ (A)	277	67	37K	NC6U	1108	75	166K
K1XA	1047	74	154K	W6UE (M)	1016	75	152K
W2GD	964	75	144K	W6UQS (A)	836	75	125K
N2IC/0 (Q)	750	72	108K	NI6W (A)	845	73	123K
KY2P (A)	870	74	128	AL7CQ	868	73	126K
KD2RD	828	74	122K	KY7M	1050	74	155K
W2RQ	1099	75	164K	WA7NIN	1223	74	181K
K2SX	805	74	119K	K7UP (A)	920	75	138K
KD2SX/1	840	74	124K	W7WA	1150	75	172K
K2ZJ (A)	842	74	124K	WD8IXE	1065	74	157K
K3LR	1207	75	181K	KQ8M (A)	830	71	117K
K3SA	400	75	60K	AC9C	965	74	142K
WZ4F	1035	75	155K	KS9O	800	75	120K
WN4KKH	1101	74	162K	W9RE	1080	75	162K
W4MYA	803	73	117K	W9XT	965	75	144K
N4RJ	1153	75	172K	K9ZO (A)	760	75	114K
WM4T (KU8E)	1024	74	151K	K0DD	1166	75	174K
K4VX/0	1156	75	173K	WB0O	1127	74	166K
K4XU (A)	976	74	144K	K0VB (A)	709	75	106K

Dear Editor

I am writing to relate a poor experience I have had with antennas purchased from Telrex as a warning to other potential customers. In August of 1986 I purchased a 15M317 (3 element 15 meter Yagi) and a 10M313 (3 element 10 meter Yagi) direct from Telrex. The antennas were installed on a Telrex 2" steel

mast at the top of 150' of Rohn 45 above an existing Telrex 20M326 (3 element 20 meter Yagi) in September. By February 1987 three pieces had broken off the reflector of the 15m beam and one off the reflector of the 10m beam. During this period there were no unusual storms or other damage in the area and the 20m beam was still intact.

Thinking this rather unusual behavior for antennas with a reputation for holding up well I contacted Telrex. Charles (no last name given) stated very simply that those antennas never break and there must be something wrong with my installation. After much discussion he stated that I would have to pay for the replacement parts to repair the antennas but if I shipped him the broken parts (at my expense) he would have them examined to see if the aluminum were at fault and if they could do anything.

After receiving the replacement parts and repairing the antennas I shipped Charles the replacement parts in August of 1987. Time passes... When I had heard nothing for two months I called Charles on the phone; he was not available and the receptionist stated that he would probably not return my call since that just wasn't their policy in cases like mine. (I wonder how many cases like mine there really are???)

A week later I called back again and got to speak to Charles. He had just mailed a letter to me. Then he proceeded to become quite vocal about the quality of their products and all the possible things I had done wrong, or that the weather had done, to break the antennas. During the call I was yelled at, told my installation must not be proper, told their antennas last 30 years and just don't break, he blamed the damage on wind shear, 'cyclonic winds', the hills, the rotor, the mast flexing (their mast), and the arrangement on the mast. He had some very interesting meteorological theories about how winds could break the 10m reflector on one side, the 15m reflector on the other side, and not break the 20m beam 5' below. And this is the company that advertises by saying their antennas stand up to the wind. He continued to state that they wouldn't do anything about it and he didn't care if I bought my antennas elsewhere (which I now plan on doing). That is a great sales procedure, especially since I had stated in the letter I sent with the parts that I was trying to plan an upgrade for 10m, 15m, and 20m for next year.

I would like to get a job in the Telrex shipping department though. I asked to have the broken parts shipped back to me; the charge for that, according to Charles, would be \$25 in advance. It cost me \$3.14 to ship them there via UPS; that leaves almost \$22 for 5 minutes of packing and a box, not bad profit on broken antennas. I think I will have the parts gold plated and put on display somewhere.

Three other hams in this area have also had problems with Telrex antennas breaking recently, but not knowing all the details I won't try to compare them here.

I had chosen Telrex because of their reputation, like their ads say; "Antennas that last decades, not months", "Invest in a Telrex", and "Step up to Telrex". I wonder how many months it will be before I have to step up 150' of tower to repair my investment again.

(signed) Dave Robbins, KY1H

Movers and Shakers

Update your club roster to show the following changes:

Stephen, ex-N2GUV and ex-KA2ZPD, is now KE2BM.

New work phone number for David Gerns, KA1CB, is (617)657-8650.

New home phone number for Dick Pechie, KB1H, is (203)779-1304.

New work phone number for Bob McCormick, KA1KPH, is (203)627-7025.

Dave, W2YV, has moved to 4-land:
Dave Horbachuk, W2YV
Rt. 1 4820 Rockwell Rd.
Rockwell, NC 28138
Home phone: (704)279-8148
Work phone: (704)595-4574

Ira, K2RD, has moved to 3-land:
Ira Stoler, K2RD
501 Kurt Drive
Blue Bell, PA 19422

Stu, KC1F, has finished moving to NH:
Stuart Santelmann, KC1F
20 Larch Road
Milford, NH 03055
Home phone: (603)672-2509
Work phone: (617)682-5276

Eric, KS1N, has moved to CT:
Eric St. Cyr, KS1N
56 Leroy Avenue
Darien, CT 06820

New Crew

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

J. Craig Clark, Jr., N1ACH
P. O. Box 83
Greenville, NH 03048
Home Phone: (603)899-6103
Work Phone: (603)878-1441

Shawn C. Kelley, WB1AEL
50 Coal Kiln Road
Princeton, MA 01541
Home Phone: (617)464-5818

James Russell, WB1CNM
56 Elm Avenue
Brockton, MA 02401
Home Phone: (617)586-7524
Work Phone: (617)642-2201

Frandy Johnson, N1FJ
275 Main Street
Northampton, MA 01060
Home Phone: (413)584-9005

Barb Shutt, NK1I
269 Main Street
Northampton, MA 01060
Home Phone: (413)584-2685

Jim Idelson, K1IR
196 Maple Street
Needham, MA 02192
Home Phone: (617)444-6863
Work Phone: (617)692-6200

Rusty Lyster, NK1K
Brentwood Road
Exeter, NH 03833
Home Phone: (603)772-4593
Work Phone: (603)772-2233

Mark Curran, KA1ODA
148 West Street
Worcester, MA 01609
Home Phone: (617)755-5203
Work Phone: (617)793-5023

Michael McCarthy, WA1UAR
91 Dunstable Road
P. O. Box 3115
Westford, MA 01886
Home Phone: (617)692-3525
Work Phone: (617)263-9929

Robert Naumann, KR2J
64 East Barbour Street
Haledon, NJ 07508
Home Phone: (201)942-1336
Work Phone: (201)768-5111

David Siddall, K3ZJ
9763 Oleander Avenue
Vienna, VA 22180
Home Phone: (703)938-1495
Work Phone: (202)632-4047

Manish S. Doshi, VU2MML/W1
12 Bluegrass Lane
Shrewsbury, MA 01545
Home Phone: (617)754-5330

Local Events

The West Mass. YCCC swap net meets on 28,303 MHz at 8pm local time on Thursdays.

On November 24th there will be a lecture entitled "QS-Ling for Fun and Profit" at the Westside Community School in Pittsfield, MA, from 7 to 9 pm. The school is at the end of West Union Street off Onota St. north of Columbus Ave.

December 31st the West Mass. area YCCC New Year's party will be held at the KY1H QTH in Peru, Mass.

The West Mass. area will be running a Technician license class starting next February and a General license class starting next April, time/day/location to be announced.

Help Wanted

PRESS AGENT – for contacting press, radio, and TV to arrange publicity for ham radio classes and other events for the Western Mass. area of YCCC.

NET OPERATORS – to run the Thursday swap net from the KY1H QTH in Peru, Mass.

CONTEST OPERATORS – For upcoming major contests, single or multi-op, cw or phone, non-smoking only, to help staff the KY1H station.

Excess Cargo

SB-220 \$495, Collins 200 Hz cw filter \$195, TV-type rotors \$20. Contact Ron, K1BW, at (617)797-4190. Ron can deliver or ship the gear.

Volunteers

KA1KPH and NC1B are interested in being QSL manager for a DX station/DXpedition:

- Bold listing in Callbook 4-5 years
- Ham radio only P.O. box
- "K" sorter W1 QSL BURO
- Two avid DXers plus XYL for chores
- Free envelopes and access to postage machine

We collect foreign stamps on envelopes. We would like IRCs for foreign awards. Interested "customers" contact Bob McCormick, KA1KPH, P. O. Box 17, Feeding Hills, MA 01030.

THE CLUB RESOURCES PAGE

THE Place to Find Club Information

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

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

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

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

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

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

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

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

PACKET NET information is available from Dick Newell, AK1A, 5 Pavilion Rd., Amherst, NH 03031, home phone (603)673-6458, or Dave Robbins, KY1H, Baumann Road, Peru, MA 01235, home phone (413)655-2714.

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

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

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

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

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

The **Scuttlebutt** is the newsletter of the **Yankee Clipper Contest Club** and is mailed six times per year to all paid up members. Dues are \$10 per year, payable 1 April with a grace period through 30 June. 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 dues.

The **Scuttlebutt** may be reprinted in whole or in part, except for separately copyrighted articles, provided proper credit is given.

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 in the Sturbridge, Massachusetts, area. The deadline for article submission to the **Scuttlebutt** is three weeks before the next meeting date. The next meeting will be on Sunday, December 6, 1987, in Sturbridge, Massachusetts. Attendance at an official meeting is required in order to become a member. Club members congregate on 3830 KHz after contests. The packet frequency is 144.95 MHz.

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

Area	Call	Name	Home	Work
CT/RI	K1RU	Gene Frohman	(203) 393-1772	(203) 386-6137
EMass	N1AU	Bill Santelmann	(617) 862-1753	(617) 692-6000
WMass	KY1H	Dave Robbins	(413) 655-2714	(413) 494-2023
VT/NH	K1GW	Glen Whitehouse	(603) 673-6290	(603) 627-7877
ME	K1SA	Bernie Cohen	(207) 773-6589	(207) 797-3585
NNY	K2TR	Fred Lass	(518) 355-4813	(518) 346-6666
SNY/NJ	K2EK	Bill Gioia	(914) 221-1672	(212) 888-2102

YCCC

11 Michigan Drive
Hudson MA 01749

FIRST CLASS