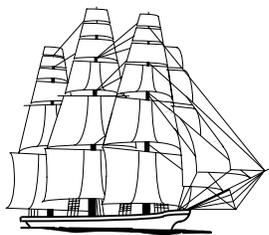


Yankee Clipper



Contest Club

Scuttlebutt

December 2000

Issue 151

Captain's Cabin

Don Toman - K2KQ

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By the time this is in print, CQ WW 2000 will be history. At the time of writing (in between SSB and CW), we have an incomplete idea of the club's performance on SSB. The numbers as of November 15 add up to 263,570,224, with a number of scores as yet unreported. An inconsiderate solar flare cut into band conditions on Sunday of the contest for most...although from 12 degrees north, one could hardly tell anything had happened. The J3A crowd turned in a raw score of something over 28 million points...all for YCCC...a club record. Other DXpeditions (GD6IA, VB2R, VY2SS) turned in good scores as well. A number of YCCCers report personal bests.

YCCC wins because we have lots of people who are willing to contribute. Every score counts.

Back in August, Paul, K1XM showed a chart at the meeting at Boxboro that showed the top 50 scorers of YCCC alongside the top 50 of FRC. At the suggestion of K1KI, I found the break-even point at which the ordered summed score of YCCC passed that of all of FRC. Going from the top down, it happens at about score #120 out of 297 submitted. Going from the bottom up, we can eliminate the top 24 scores and still beat FRC. That means our bottom 273 scores were enough to win.

Not everyone can contribute a big score. There are circumstances that keep people from participating in the big 4 contests. With YCCC, family and personal life take precedence. We don't require participation in the contests as a condition for membership. The club is happy to see a contribution, but it is also happy to wait until circumstances permit you to participate if you miss a few.

It's a hobby.

Every score submitted by a member in good standing counts. To be a member in good standing for the purposes of CQ WW, you need only to pay your dues. If you have

not paid your 2000 club dues, you still have time to make the roster in time to count...but not much! Do it now!

At the October meeting, held at Worcester Polytech, we had a pizza and soda party celebrating our dual wins in CQ WW 1999 and ARRL 2000. Paul, K1XM handed me the gavel the club received for winning the large club category of the 1999 ARRL DX contests. Upon returning home from J3, I found the plaque honoring the club for a similar feat in CQ WW in 1999 had arrived in the mail. Both are now in the hands of Jeff, K1ZM, who helped the club realize its potential in earning them both.

We gave out awards for the 1999 CQ WW Challenge Team competition. Team 19 won the gold, team 17 the silver and team 15 the bronze. At the December meeting at Worcester State College on December 3, we will give out the Challenge Team Awards for ARRL DX 2000.

Everyone who attended who operated in all of the big four, and submitted scores, *regardless of score*, (and who didn't already have one) received a YCCC cap. Area managers, in due course, will be distributing caps to those who've earned them and can't make a regular meeting.

The top 50 scorers, reckoned on the basis of the sum of all the claimed scores submitted in 1999-2000, received Top 50 personalized mugs. These were individual scores and included proportional shares of multi-ops. You may notice some differences in the totals as reported back in April relative to the final, magazine-reported totals reported in this issue of the *Scuttlebutt*. I regret the discrepancies...the result of not waiting for final totals. I owe two of you a mug.

At the December meeting, I'll be distributing YCCC pins to anyone who submitted at least ONE score in the Big Four in the 1999-2000 contest year. These are one-inch diameter circular pins with the club logo in a blue and gold color scheme done in cloisonné.

(See Captain's Cabin – p. 2)

Yankee Clipper Contest Club

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(Captain's Cabin from p. 1)

Special mention should go to Peter, Jeanne, Michael, Jim and Diane...W1DAD, K1MOM, K1JE, K1IR and K2DO, who have been especially active in getting young people interested and into our fascinating hobby. May the kids you inspire have as much fun in it as we have had. While these people stand out, there must be more. Let me know who you are.

We appear to have exhausted discussion on WRTC-2004. While there are many enthusiastic proponents for YCCC being the organizers and hosts for such an event, and the club will incorporate in preparation for the possibility...the lack of a volunteer to run it presently precludes us doing it. Last chance...

If not now...when?

I will retire as president of YCCC next April, and I'm in the process of finding someone who will lead the club next year. That means I get to write two more Captain's Cabins. After that, someone else gets the fun.

From my personal perspective, YCCC gives me an opportunity to meet and get to know a bunch of great people, with a wide spectrum of personalities and talents, whose friendship I will always cherish.

Avanti!



October Meeting Minutes

Charlotte Richardson – KQ1F

KQ1F@underwater.org

The October meeting of the Yankee Clipper Contest Club was held on Saturday, October 14, 2000, at Worcester Polytechnic Institute. Club President Don, K2KQ, fittingly called the meeting to order with the club's new 1999 ARRL DX Contest gavel. Don passed out YCCC hats to members who operated in all four major DX contests last year who had not picked up their hats at the June meeting. Individually- inscribed club mugs went to the top fifty scorers. The club pins were delayed but will arrive for the December meeting.

The meeting continued with introductions of the 74 members present and their guests. The club then welcomed three new and returning members (see "New Crew" for details): Mike, W1ECT, Tom, N1MM, and Mike, N2GC.

In further business, Don noted that no volunteer has yet stepped forward to chair the WRTC-2004 effort. Don notes that he would be very happy to help work on this but is not able to run it himself. The treasurer's report showed a balance of \$8878.77. Mike, K1TWF, is working on incorporating the club, as required by the bylaws change passed at the August meeting, and should have this done to take effect on January first. The 2000 Contest Cookbook was to be added to the club web site later in the weekend, and printed copies were available at the meeting, along with a few remaining printed copies of the club roster.

Don then announced the 1999 club team scores, and passed out ribbons to the team members. First place went to team 19 with 43M points, led by W1WEF. The silver medal went to team 17 with 35M points, led by N1CX. Bronze went to team 15, with 35M points (only .5M behind the number two position), led by K1VV. Team 19 was also awarded a plaque and team captain Jack, W1WEF, a certificate.

During the break that followed, everyone enjoyed free pizza and soda as part of the club victory celebration.

Following the pizza, Don, K2KQ, presented a program on contesting for small stations. The expert panel consisted of Jack, W1WEF, Jim, K1IR, Randy, K5ZD, Yuri, K3BU, and Rick, KI1G.

2000-2001 Calendar

November 24-26	CQ Worldwide DX CW
December 1-3	ARRL 160 CW
December 3	YCCC meeting - Worcester
December 8-10	ARRL 10M
January 26-28	CQ WW 160 CW
February 3	YCCC meeting - Worcester
February 16-18	ARRL DX CW
February 23-25	CQ WW 160 SSB
March 2-4	ARRL DX Phone
April 1	YCCC meeting/elections

CAC Happenings

Jim Pratt – N6IG

n6ig@arrl.net

The ARRL Contest Advisory Committee has been asked to look into the rules surrounding club competition in ARRL contests. We are taking a top-to-bottom approach to this, not just tweaking the rules here and there. Questions are being asked like why is there a club competition, how can club competitions be made better, are there enough club categories, should there be teams, should a club have to be affiliated to compete, etc. Three subcommittees have been established to look into this matter, and we report to Ned, AA7A, our fearless leader. I have volunteered to lead the group which is discussing "eligibility". I have solicited input from my Division's contesters, but I have seen very little discussion about this here on the reflector. Serving with me on this committee are K1HT, K2WR, K4RF and N0IJ. We would certainly love to hear from you with your comments on this matter. And, of course, so would your Division's CAC representative!

We are to report to the Membership Services Committee in the middle of 2001, so we have some time to discuss this. Please let your feelings be known!

73, Jim

CAC Representative, Pacific Division
Chair, Eligibility Subcommittee

Dear Contest Participant...

Dan Henderson – N1ND
ARRL Contest Branch Manager

A couple of key points to remind you about as the busy contest season come on us...

Please use standard abbreviations when sending or logging sections. The official list of section abbreviations can be found at: www.arrl.org/contests/sections.abv.html

Why standard abbreviations? To keep it simple. Recently someone called and was upset they list a QSO and Multiplier for logging a station they worked in the San Diego Section. They logged the contact as SAN instead of the standard ARRL abbreviation SDG. His argument was "The log checkers should know that SAN is the start of the section name San Diego and they should accept it." In fact, five ARRL sections - San Joaquin Valley, Santa Clara Valley, San Francisco, San Diego and Santa Barbara - all begin with the three letters SAN. SD is not an option as that is the official abbreviation for South Dakota.

There are a few sections that you need to watch: OR for Oregon and ORG for Orange (CA), NY or NWT for Northwest Territories, NTX for North Texas. The Yukon Territory is abbreviated YT or while Nunavut is NU. Both Yukon and NU count for the Northwest Territories as a Section Multiplier.

We try to use the standard US Postal Service abbreviations for a state with only one section. But eight states - Washington, California, Texas, Florida, Pennsylvania, New Jersey, New York and Massachusetts - have multiple sections. Just logging NJ for Northern New Jersey will be busted when an ARRL section is required in the exchange, for example.

Using the standard abbreviations in the Cabrillo format log file under SECTION: in the header allows the robot to properly read and note your entry into the correct ARRL Section, since awards for our contests are based on the section from which you participate. Using the correct abbreviation helps us get your entry properly reported.

In some ARRL Contest, such as the International DX contest and 10-Meter Contest, you do not exchange ARRL sections, but rather US states. For those contests, your line by line log file should show the information that you exchange during the contest. That is the information used to crosscheck logs. However, the header area marked SECTION: will still show the ARRL section. One additional point: your ARRL section is not the same as your ARRL Division (New England, Roanoke, Southwestern, etc). Please make sure you are using the correct information.

Another point that has come up is "Cabrillo doesn't have a place for me to mark dupes or show QSO points or mark new multipliers." Those are things from the pre-Cabrillo format days that are not needed now to process Cabrillo logs. The log checking software verifies the contacts in your logs, cross checks those which it can in other logs, handles dupes, then calculates a final score based on what it finds in the log file itself, after calculating Valid QSOs and Multipliers. It does not rely on a claimed score, claimed QSO count or claimed multiplier total from your logging program.

All commercial electronic logging programs mark duplicate QSOs in your log and counts them for 0 points, so there is no need to mark or remove dupes in your Cabrillo file. The log checking software works on the basis that dupes have been counted as 0 points in your log and you are not penalized for them. You do not need to add anything to the QSO line in your log file. There is no need to add a column to show QSO points for each QSO, mark mults, or mark a 0 point QSO.

I believe that all of the commercial programs still generate their old-style files - summary sheets, rate sheets, dupe sheets, etc, in addition to the Cabrillo format file. You can use those files for your personal analysis of your contest, etc. There is no need to submit anything but the Cabrillo format log file - which if complete includes both the summary header section and the log file section - to the ARRL. Please do not send such things as NA.QDF, CT.Bin files, Excel Spreadsheets, Word Documents, e-dupe sheets, etc. We do not need them to process your entry, and sending them may cause the file we do need to be misplaced or overwritten. Please do not send the Cabrillo file as the text of the e-mail message: send it as an attachment to the e-mail.

There is no need to mark on and off times in your log. The log checking process will calculate blocks of inactive time and will calculate off times from them. This supercedes any previous rule about marking them in the Cabrillo Soapbox area in the header.

(See Contest – p. 5)

(Contests from p. 4)

Please verify that the information in the Cabrillo format file header is complete and correct. Do not assume that the logging software "got it right." At least one of the major logging programs allows you to select categories that do not exist as possible entry classifications. For example, there is no Single Op Assisted category in the ARRL 10-Meter Contest: the correct category is Multi-Single, as per the rules. There is no Single Op All Band Unlimited category in the ARRL DX Contest: it is Single Operator Assisted. Again, please help us help you by verifying that the information you include in the Header area of your Cabrillo log file is complete and accurate before you submit it.

If after submitting your file, and before the submission deadline, you discover an error in your log, correct it and resubmit the file. The robot will use the log file from you with the latest date and time. If there is a problem with the Cabrillo log file that we receive from you, we will contact you when the log is processed through the robot by the log checkers. We will look for files in improper formats, files that appear to be incomplete or truncated, or that were corrupted during electronic submission.

One last item: please name your file properly before sending it to the ARRL. If you have named it something other than your callsign, you need to rename the Cabrillo log file to <YOURCALL.TXT> before you e-mail it to us (N1ND.txt for example). While we realize that it makes it easier for you to keep up with the files from each contest you enter by naming them something like SSCW2000, imagine the situation we would have if we received dozens or hundreds of logs all named SSCW2000! Properly naming the file helps us track it and lessens the possibility that it becomes lost.

When you email a log to the contest address (such as SSCW@arrl.org) it is saved directly to the ARRL server in Newington. From there copies are automatically sent to two additional servers - the robot and a dedicated back-up where the copy of the original e-mail is stored and that we can remotely access to verify information from the original message. When it is received at the robot, a "log received" message that includes a receipt number will be sent back to you to confirm its receipt. You should keep that receipt until the list of Logs Received is posted on the website after the robot has processed the e-logs and the manual data-entry for handwritten paper logs is complete. When you receive the receipt, your message is stored in 3 separate places. If you do not receive the automated receipt, please verify that you have sent the entry to the correct address then resend. If you do not receive the receipt within a reasonable time, send an e-mail to n1nd@arrl.org and we will see if there is a problem with the servers.

If you have any questions about log submissions please contact me directly at n1nd@arrl.org The Contest specific e-mail addresses should only be used to submit contest entries. Thanks and good luck in upcoming ARRL contests.



New Crew

Please welcome the following new members who joined at the New York local area meeting on October 2nd:

Robert Eber, N2KIM
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work phone: (914)963-2323
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Mike Kassel, N2NI
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email: n2ni@nyc.rr.com

Ron Faup, WA2RF
203 Ridgewood Ave.
Staten Island, NY 10312
home phone: (718)984-0754
work phone: (212)856-1331
email: wa2rf@aol.com

At the regional YCCC meeting held in Albany, NY on October 13, a new member was recruited for the YCCC:

Dave Unverhau, N2DU
21 Riesling Road
Niskayuna, NY 12309-3243
tel. 518 783-8788
e-mail: dku@nycap.rr.com

(See New Crew – p. 6)

(New Crew from p. 5)

Please welcome the following new and returning members who joined at the October general meeting on October 14th:

Michael McAmis, W1ECT
433 Hanover Center Road
Etna, NH 03750
email: m.mcamis@valley.net
home page: <http://www.xmlog.com>

Tom Wagner, N1MM
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Vernon, CT 06066
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email: tomwagner@mindspring.com
home page:
<http://tomwagner.home.mindspring.com/n1mm.htm>

Mike Musitano, N2GC
3 Andover Place
Huntington, NY 11743
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work phone: (616)935-5050
email: n2gc@aol.com

Yaesu G1000SDX Servicing

Jack Schuster – W1WEF
w1wef@snet.net

After two recent lightning induced failures in my G1000SDX rotators, I decided to learn how to service them myself. In both failures, the symptom was the same; the rotator would turn twice as fast in one direction as the other. I used to service my tailtwisters, before I replaced them with the G1000SDX. It didn't take a rocket scientist to work on tailtwisters, and I now think the G1000SDX is even easier to service. As Fred Hopengarten, K1VR, once said "There are two kinds of hams... those who never worked on their own rotators, and those who have chased ball bearings all over the cellar floor". I thought that perhaps by passing along what I have learned, I could save a few of you from chasing them all over the floor!

Before I go further, I'd like to make it clear I have no connection with Yaesu, and am just passing along what I figured out for myself. I would however like to say that I love this rotor, for the following features:

1. The control box is very attractive in appearance.
2. There are connectors at the rotor AND the control box.
3. You can tell where the antenna is pointed with power

off.

4. There is built in speed control.
5. There is a preset control so you don't have to keep your hand on the switch.
6. The rotator requires only a five conductor cable.
7. It is not necessary to shim the mast.

Note that I am only talking about servicing the rotator itself, not the control box. To determine whether you have a problem in the control box or the rotator, swap boxes. The G800SDX box is identical to the G1000SDX. Of course it might be necessary to eliminate the possibility of a cable failure too. In the case of the failures I had, affecting rotor speed, I found that I could measure leakage resistance in the shack from either side of the motor to ground. The motor winding and associated noise filter is floating, so you should measure infinite resistance to ground. Leakage resistance in the order of 2 to 3 thousand ohms to ground will reduce the speed to about half. I also repaired another G1000SDX which had an apparent lightning induced failure of the position potentiometer in the rotator. In that one, the pot had opened. After making ohmeter measurements from the shack end of the cable, to eliminate the possibility of cable failure I took my multimeter up the tower and confirmed that the problems were indeed in the rotator.

Disassembly

1. Remove the mast bracket from the rotator. Turn the rotator upside down and screw in the four mounting bolts with about a half inch protruding.
2. Using a 3/8 socket or box wrench, loosen the four bolts which hold the two halves of the housing together. Use a bar or large screwdriver diagonally across two of the mounting bolts to hold the rotator while torquing the bolts. Remove the four bolts with the rotator still upside down.
3. The ring around the lower half of the rotator is a ball bearing retainer and race. (See the assembly drawing in the Instruction Manual) While carefully holding the two halves firmly together with the bearing retainer against the upper housing, turn the whole thing upright. Carefully lower the retainer with the bearings to the workbench surface. (at this point, if you weren't careful enough...pick up all the bearings!)

Note: I found that there was room for one additional ball in the race, so it is apparently normal not to have it tightly packed. Be careful that no bearings have stuck to the upper side of the housing.

(See G1000SDX – p. 7)

(G1000SDX from p. 6)

Now place a piece of tape (like duct tape) on the upper housing above one of the four bolt flanges, and mark it in line with the center of the bolt hole to allow you to reassemble it with the same alignment. Place a small piece of tape on the flange.

4. Now, carefully holding the two housing halves together (without the bottom race), turn the rotor upside down again. CAREFULLY lift the bottom half straight up out of the top, and set it on the bench on the four mounting bolts.

5. Remove all the ball bearings from the race in the upper half and place them in a clean container. In the three rotators I have worked on to date, I did not find it necessary to regrease them. If I did, I would have cleaned the races and bearings with a solvent, and regreased them using white lithium grease very sparingly (no more than a “thimble full” on the whole rotor). I also have not found it necessary to replace or regrease the gear train to date, but similarly I would clean it with a solvent, dry it, and sparingly use white lithium.

6. Using a bar diagonally across the bolts in the bottom, it is now possible to remove the three bolts that hold the gear train and motor in the lower housing. Note the wire dress to the connector. The assembly can be lifted out, being careful not to break any wires.

Replacing the potentiometer

1. I suggest drawing a sketch showing the pot assembly orientation and wiring with colors. Note : You can check to see if the pot is open using an ohmeter without removing it, but you cannot rotate it to see if there is a bad spot.

2. Remove the two phillips head screws that hold the black plastic mounting bracket. The pot can now be rotated to check for bad spots, measuring from the wiper to either end while slowly rotating the pot.

3. To replace the pot, use a 1.5 mm allen wrench to remove the pot gear. Note approximately how far the hub is from the end of the pot shaft. When the pot is reinstalled it may be necessary to readjust the gear to avoid mechanical interference. Remove the white plastic gear noting that the spur gear faces away from the pot. Remove the nut on the pot bushing to remove it from the bracket.

Removing the noise filter assembly

1. There is a cylindrical shield attached to the rear of the DC motor which contains a filter for brush noise. It contains a few components including two feedthru capacitors which were the components that failed in my rotators and caused the speed problem. The whole filter

assembly is available from Yaesu, but not the individual components.

2. Remove the small phillips head screw holding the shield module to the motor. Remove the two small phillips screws holding the filter assembly inside the shield.

3. CAREFULLY sketch all wire connections noting colors. Remove and replace as necessary.

4. When reassembling the shield assembly, be sure it is pushed as far onto the motor as possible.

Reassembly

1. Mount the motor and gear train assembly in the lower housing, being careful to properly dress wires.

2. Connect a short cable between the rotor and control box and run the rotor to ensure proper coverage of the entire range. Note this may not be necessary if the pot was NOT removed. If the pot WAS removed, follow the next paragraph. If it was NOT removed, skip the next paragraph.

3. Turn the rotor to full overlap position CW WEST and back off just a few degrees toward South. Carefully lay the ball bearings in the top race of the bottom housing. Observing the position of the “nubbin” inside the top housing that hits the limit switches, carefully place the top housing over the ball bearings so that it is positioned to almost hit the limit switch.. Note that there are lines on the outside of the housing that show where the limit “nubbin” is. You may have to repeat this step several times until you get proper alignment. With the upper housing in place, while pressing down firmly on the top half of the rotator, run it through the entire range and check stops at both ends of travel.

4. If the pot was not removed, place the bearings in the upper race, and place the top half of the housing in place using the tape marks for alignment.

5. Disconnect the cable from the rotator and carefully turn it upside down.

6. Lay the balls carefully in the race, and bolt the retainer in place.

This may sound more difficult than it is, but I can assure you it gives a retired EE a lot of satisfaction to conquer a mechanical job like this! After working on three of them, it's REALLY easy.

YCCC Challenge 1999 CQWW Finals

Team	CQWW CW	CQWW SSB	CQWW Total
19	22,903,428	24,109,897	47,013,325
17	18,732,762	21,621,193	40,353,955
15	21,230,501	18,239,773	39,470,274
24	23,301,790	15,728,436	39,030,226
6	13,828,730	19,146,021	32,974,751
3	16,915,980	15,935,873	32,851,853
25	17,552,473	14,145,538	31,698,011
9	13,374,408	17,807,724	31,182,132
16	13,130,565	17,626,240	30,756,805
12	13,042,171	16,411,250	29,453,421
5	13,565,383	15,865,095	29,430,478
11	16,935,745	11,887,760	28,823,505
2	13,290,979	14,303,106	27,594,085
22	13,125,623	14,266,761	27,392,384
4	14,557,340	12,118,403	26,675,743
7	7,667,059	18,248,635	25,915,694
14	10,935,928	14,751,690	25,687,618
8	16,200,229	9,261,200	25,461,429
26	7,400,511	16,848,774	24,249,285
20	11,694,408	12,399,457	24,093,865
10	10,870,374	13,135,461	24,005,835
18	9,226,260	13,532,636	22,758,896
21	6,448,628	16,281,371	22,729,999
1	10,326,196	11,723,151	22,049,347
23	9,306,042	11,334,621	20,640,663
13	11,039,249	7,852,564	18,891,813
0	4,391,838	4,686,915	9,078,753
Total	360,994,600	399,269,545	760,264,145

(Scores from CQ Magazine)



Team	ARRL CW	ARRL SSB	ARRL Total
15	13,604,786	12,061,094	25,665,880
20	10,980,309	12,490,830	23,471,139
17	13,397,350	8,846,701	22,244,051
26	7,420,908	10,134,963	17,555,871
5	6,881,880	10,227,444	17,109,324
14	7,273,284	8,869,726	16,143,010
10	7,011,039	8,937,532	15,948,571
19	8,217,091	7,209,672	15,426,763
13	8,193,462	7,163,113	15,356,575
25	8,298,288	6,761,828	15,060,116
6	9,758,867	4,695,936	14,454,803
9	7,858,563	6,174,026	14,032,589
4	5,741,574	7,743,218	13,484,792
12	7,345,131	6,071,848	13,416,979
2	6,776,103	6,198,661	12,974,764
23	6,307,647	6,223,809	12,531,456
11	7,160,115	4,875,344	12,035,459
16	6,036,962	5,771,907	11,808,869
7	7,016,933	4,505,934	11,522,867
8	5,050,224	6,336,609	11,386,833
22	7,418,952	3,162,530	10,581,482
3	3,500,325	5,993,706	9,494,031
24	5,908,931	2,124,672	8,033,603
1	3,515,014	3,497,643	7,012,657
18	2,561,214	4,370,616	6,931,830
21	203,001	6,166,582	6,369,583
Total	183,437,953	176,615,944	360,053,897

(ARRL Scores Are From QST Magazine)



YCCC Challenge 2000 ARRL DX Totals

Kids Day Contest

Peter and Jeanne Schipelliti W1DAD & K1MOM will be activating special event station K1D from December 23, 2000 to January 6, 2001 to remind all amateurs to get children involved in amateur radio and on for Kid's Day. Kids that work K1D on Kid's Day will receive a special K1D certificate, QSL card, Archie Ham Radio comic book and a K1MOM ham radio coloring book. Contact W1DAD@ARRL.NET for more info.

Background on Kid's Day (taken from the ARRL website)

Purpose: Kid's Day is intended to encourage young people (licensed or not) to enjoy Amateur Radio. It can give young people hand-on-on-the-air experience to they might develop an interest in pursuing a license in the future. It is intended to give hams a chance to share their stations with children.

Date: January 6, 2001.

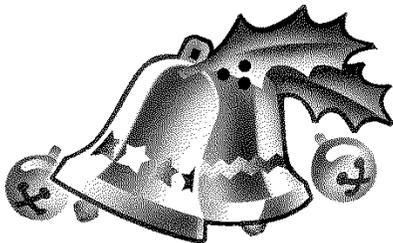
Time: 1800 to 2400 UTC. No limit on operating time.

Suggested exchange: Name, age, location and favorite color. You are encouraged to work the same station again if an operator has changed. Call "CQ Kid's Day."

Suggested Frequencies: 28,350-28,400; 21,380 to 21,400, 14,270 to 14,300 kHz and 2-meter repeater frequencies with the permission of your area repeater sponsor. Observe third-party traffic restrictions when making DX QSOs.

Reporting: Logs and comments may be e-mailed to kids@contesting.com. You may review these postings on the Web. Those without Internet access may forward comments to the Boring Amateur Radio Club.

Awards: All participants are eligible to receive a colorful certificate (it becomes the child's personalized ham radio brochure). Send a 9x12 SASE to Boring Amateur Radio Club, PO Box 1357; Boring, OR 97009. More details may be obtained on the Web.



Area Meetings Notes

Maine – 9/29

December 2000

A local meeting of the Y.C.C.C. was held at the Village Cafe in Portland ,Maine on Friday Sept 29,2000 with18 members and one nonmember attending. A discussion was held on the upcoming trips to The Isle of Man by K1JB and K1EU and to zone 2 by K1MV,K1MY and KT1O. Joining us was YCCC president K2KQ who presented YCCC hats to members who sent in 4 logs in the past year....Attending the meeting were the following

K1EU, KA1KIX, NY1E, KA1PRD, K1TEV, K1MV, W1DEO, N1WEZ, NT1R, K1MY, K1RQ , KB1W, K2KQ, K1JB, N1PS, N1RY, W1EL, W1GF and W1BLT

ENH – 9/30

A regional meeting of the YCCC was held September 30, 2000, at the QTH of Mark Pride, K1RX in Kensington, NH. The meeting began at 9:00 AM with a breakfast of pastries, fruit, gorp, juice and coffee (WA1S reports that the M&M's in the gorp were especially popular.)

Informal discussion took place for about 90 minutes, during which Mark gave several tours of the K1RX antenna farm and multi-multi station equipment. Then a more formal discussion convened in Mark's living room. Attendees introduced themselves, described their stations, talked about planned improvements and goals for the upcoming contest season. A question-and-answer period followed. All members were reminded to pay their dues.

Plans for multi-multi operations for CQWW SSB at KR1G and CQWW CW at K1RX were discussed. Operators are needed for both events. All those interested please contact Ted, KR1G at ted@demop.com and/or Mark, K1RX at mpride@us.ibm.com.

The meeting was adjourned at 1:00 PM.

A good time was had by all. Many thanks from all of us to K1RX for his fine hospitality.

Attendance list:

K1RX, W1RY, K1GU, K1LD, WC1M, KR1G, K1BD, AA1QD, WA1S, K1PTF, K1EPJ, W6FC, KD6YYW, N1BB, KF1V and K1UQ See
Area Meetings – p. 10)

(Area Meetings from p. 9)

SNY/NJ/PA – 10/2

The SNY/NJ/PA area of YCCC held a meeting at Nat's Pub on Monday, Oct 2, attended by 15 members, including 3 new members. The new members voted in were Mike Kassel, N2NI, Bob Eber, N2KIM and Ron Faup, WA2RF. Other members attending were KF2O, NT2X, K3BU, W2XX, AA2MF, K1ZM, AE2F, W2WB, K2SX, W2YG, W2LK and Pres. K2KQ. We also collected some dues,,Jeff K1ZM was there to break a few arms of any laggards! We had a demonstration of Rigblaster by two owners of West Mountain Radio, Dan, N1ZZ, and Del, K1UHF. This interface connects the rig, computer soundcard and mike, enabling a variety of computer programs utilizing the rig audio, such as PSK31, rtty, etc., and of particular interest, contest voice keying using programs such as Writelog. The Prez gave all an update on Boxboro and other summer activities of club leadership on WRTC, incorporating, etc. As usual, Nat's Pub furnished the good food and drink, and everyone spent an enjoyable evening out with their fellow YCCCs.

SEMA – 10/21

8 members made it to the breakfast meeting on Saturday--N1TB, K1TEX, N1BSO, N1IUN, AB1BX, WA1QGC, K1VUT, K1TH and W1KM. Tom, K1TH, was glowing about his upcoming trip to J3. Dave, K1VUT, is ready for another major effort in WW (LP). K1TEX has a problem with RF from WBZ destroying his coax. John, N1BSO, will be joining the W1CC multi-op for fone. Hopefully some of the other regulars weren't there because they were getting everything finalized for this weekend--it should be a memorable contest. Let's make some serious Q's!

WMA – 10/27

A regional meeting of the YCCC was held October 27, 2000, at the QTH of Dave Robbins, K1TTT in Peru, Massachusetts. The meeting began at 7:00 p.m. with a barbecue chicken dinner for those with pre-contest hunger. All attendees were then introduced. Two new members were voted into the club, KE1IR/F5NMR, Pierre Besson; and KC2AIY, formerly UR5FBG, Dimitri Garazha. Dues were collected from three members and the two new members and have been forwarded to Ric Plummer.

The next order of business was to explain the operation of the K1TTT multi-multi station and use of CT and networked computer logging. At 8:00 p.m. the CQ World Wide Contest began.

Attendance list:

YCCC: K1TTT, K1MK, W1TO, NJ1F, N9KAU, KB1W, NT2X, K3TD, N1SR, WA1ZAM, KC2FEE

New Members: KE1IR and KC2AIY

CT – 11/11

At today's meeting we had K1VW, N1TM, NQ1K, KS1L and W1WEF in attendance. John, KV1W had a ball doing 40 Single band from KP2 in WW SB. He put up a 4 el wire beam at 50 ft at the house he rented, and had incredible JA runs as well as other great stuff calling in. N1TM did his usual QRP and will be doing it again on CW going for a new high. Tom has won QRP several times. John, NQ1K picked up his Spinnakers Team First Place plaque, and reminded us how well wire antennas can do. His great location helps alot too! Lou KS1L did real well in WW SB as usual, despite his usual good nite's sleep.

Lou has a FT1000MP loaded with filters for sale, as well as an 850, and some amplifiers. If interested, contact Lou for details, but I can assure ypu anything that Lou ever has is kept in better than mint condition!

W1WEF will be trying a full SS effort on SSB as long as it remains to be fun, and will try to stay on in CQWW CW for as long as possible! I will be puttimng the "W8JI mod" in my 1000D's this weekend.



YCCC CLUB RESOURCE INFORMATION

DUES AND MEMBERSHIP STUFF Dues are payable as of the April election meeting, which begins our club "contest year". The YCCC has adopted a multi-tiered membership format as follows: Please note that payment of dues IS NOT a prerequisite for contributing scores to the Club aggregate, but IS for the various YCCC Awards Programs

Full Member - \$20 (Eligible for YCCC awards programs and paper delivery of Club newsletter)

Full Member - \$15 (Eligible for YCCC awards programs and electronic "Ebutt" delivery of Club newsletter)

Family Member - \$0 (Grants full membership to all amateurs residing at one domicile on payment of one member's "Full Member" annual dues and entitlement to one Club Newsletter sent to one domicile or email address. All members of said family are eligible for YCCC awards programs.)

Student Member - \$10 (Grants full membership to students at a reduced level. Eligible for YCCC awards programs and paper or electronic delivery of the Club Newsletter.)

Subscription - \$** (A "friend of YCCC" - not a member but a possible candidate for future membership. Receives club newsletter only in paper or electronic form. Fee basis is \$20 for overseas paper delivery, \$15 for domestic paper delivery and \$10 for electronic "Ebutt" delivery domestically of overseas.)

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 February meeting are credited with dues for the year beginning the following April. You can tell if you owe dues by checking your 'Butt mailing label. **Mail your dues to the club treasurer, Ric Plummer, KV1W, PO Box 1158, Berlin, MA 01503-2158**

SCUTTLEBUTT ARTICLES should be sent to the Scuttlebutt editor, Doug Scribner K1ZO, preferably by E-mail at k1zo@arrl.net or on 3½" disk (in MSWord format or text file) by snail mail to Doug Scribner, 661 Park Avenue #4, Keene, NH 03431. The deadline for each issue is the 10th of the preceding month. **CONTEST SCORES** should be sent to the club scorekeeper, Dave Hoaglin, K1HT, preferably by packet or by E-mail at dave_hoaglin@abtassoc.com. Please include details such as numbers of QSOs, QSO points (if appropriate), and multipliers (all types); entry category; and power.

CLUB GOODIES BADGES YCCC badges are available from Ric, KV1W. Send \$2, name and call desired on the badge, and your mailing address to: Ric Plummer - YCCC Badge, PO Box 1158, Berlin, MA 01503-2158. **APPAREL** Contact Brad, W1NT bradld@bellatlantic.net **QSL CARDS** are ordered through John Dorr, K1AR. To order, send John packet mail, or E-mail at k1ar@contesting.com, detailing exactly what you want the card to say. There are 2 lines of text available for awards, etc. You will receive a proof by return mail. Approve the proof, making any corrections, and return to John *with payment* (make checks out to John, not YCCC). Current price is \$68 (delivered) for 2000 cards. Normal turnaround is 30 days after approving proof. **MEMBERSHIP ROSTER** is mailed annually with the August issue of the Scuttlebutt, and to new members when they join. Updates are published in 'Movers and Shakers' when members move or change callsigns.

COMPUTER STUFF INTERNET REFLECTOR There is an Internet mailing list for YCCC members. To subscribe, send mail to yccc-request@yccc.org. Include the word "subscribe" in the body of the mail message. **WWW HOME PAGE** Come visit us at <http://www.yccc.org>. Our Webmaster is Doug Scribner, K1ZO. **CT CONTEST LOGGING SOFTWARE** is available from Matt, KC1XX. Orders: 603-878-4600. Support: 603-878-4200 Internet: <http://www.k1ea.com>. There is an Internet mailing list for CT users. To subscribe, send email to CT-USER-REQUEST@contesting.com, and put only the word SUBSCRIBE in the message body. The web site is the best way to get CT country file updates, which are regularly announced on the reflector. These updates may also be obtained by sending a blank formatted disk and \$1.00 for postage to Jim Reisert, AD1C, 7 Charlemont Court, North Chelmsford, MA 01863-2306.

ADMINISTRATIVE STUFF The W1 QSL BUREAU is sponsored by the YCCC. Keep your account up to date by sending a check. Stamps are sold at face value, envelopes are 10 cents each. Address: W1 QSL Bureau, YCCC, PO Box 80216, Springfield, MA 01138. Email address: w1qsl@yccc.org. **PACKET NETWORK** information is available from Charlie Carroll, K1XX, Candlelight Rd., Rindge NH 03461.

ARRL COMMITTEE REPS are **CAC New England** Dave Hoaglin, K1HT; **CAC Hudson** Rich Gelber, K2WR; **DXAC New England** Ken Bolin, W1NG **DXAC Hudson** Rich Wujciak-K2RW. **ARRL LIAISON** is Tom Frenaye, K1KI.

Upcoming Meetings

Date	Type	Place
Dec 3 (Sun)	General	Worcester MA
Feb 3 (Sat)	General	Worcester MA
Apr 1 (Sun)	General	Worcester MA

Ship's Log	December 2000	Issue 151
Captain's Cabin	Don Toman - K2KQ	1
October Meeting Minutes	Charlotte Richardson - KQ1F	3
2000-2001 Calendar		3
CAC Happenings	Jim Pratt - N6IG	3
Dear Contest Participant	Dan Henderson - N1ND	4
New Crew		5
G1000SDX Servicing	Jack Schuster - W1WEF	6
YCCC Challenge	Art Holmes - W1RZF	8
Kids Day Contest		9
Area Meetings Notes		9

The next general meeting of the Yankee Clipper Contest Club will be held Sunday December 3rd, at 1:00 PM in the Student Union on the campus of Worcester State College.

The YCCC Scuttlebutt
48 North Avenue
Mendon, MA 01756

FIRST CLASS MAIL