



Scuttlebutt

February 2009

Issue 198

**Next Meeting:
Saturday February 7th, 2009 - Noon-4PM
ARRL Headquarters, 225 Main Street, Newington, CT**

Captain's Cabin

Hello fellow boat crew members!

Just saw a snow fall report for the Boston area that indicated prior to the snow I am watching fall today, we are already 2 inches over the AVERAGE snow fall we get each winter and we're not even ½ way done with the winter of 08/09. (Did they count the 2 inches of ice I had on my antenna farm back in December?)

I had reminded everyone to check their respective antenna farm not just for mechanical issues but the electrical ones too. Saw a problem where the first sign of a more serious problem with a M2 KT36XA tribander popped up with first the SWR on 15 meters starts to fall apart at 21.250 MHz as you go higher in the band. Then after that failure, it starts to fail on the other two bands (20/10M) over time. Word to the wise, do some advanced checking on ALL of your antennas – don't get caught finding a major problem Friday prior to the start of a contest – ouch!

Hey we have one heck of a meeting planned for Feb. 7 at ARRL Headquarters. Our very special thanks to the staff of HQ for allowing us to over run the join. (Last year, we had over 100 members show where we had planned for 75. But not to worry, we were able to accommodate the overflow (nice pileup!) and still pulled off a great meeting. The line up for the meeting is shown elsewhere in this Butt but our very own HOF guy, Randy, K5ZD will be giving the lead presentation on Contest ethics. Gee, Sean KX9X, Manager of the Contest Branch will be listening in as well, so this should be good!

Food, new YCCC contest clothing and great presentations are planned. Be there!

We are in the midst of tough times and I know many of you are struggling with the economy but don't give up! Those contests do take you mind off your problems (for a while)! So get distracted, get on for the ARRL CW test Feb. 21/22 and make some points for you and the club – all good!

See you Saturday, Feb. 7 in Newington, CT. Car pool, make the trip more fun!

73, Mark, K1RX

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Next Meeting Feb 7th from Noon - 4PM ARRL HQ, Newington, CT

Agenda: Randy, K5ZD on "Contest Ethics"

Club Business- includes proposed amendments vote
Contest Updates by Sean - KX9X
LOTW Questions and issues - Norm - W3IZ
W1AW Tour and much more
Food and Drink to be provided

Crew News

New Crew: At the Marlboro General Meeting:

Markovic Milovan, N8BO Mendon, MA
Pamela Montanya, K6NDV Mendon, MA

Area Managers

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The editorial deadline for the Scuttlebutt is the 10th of every odd month.

Flotsam & Jetsam

Barnacle Jack Schuster, W1WEF w1wef@arrl.net

Ahoy Maties!

As I sit here in the shack this morning it's 26 degrees and snowing. I've already gone out for coffee on unplowed roads, and am holding off clearing the driveway until it stops snowing and hopefully doesn't turn to sleet and freezing rain as forecast. I hope no-one has more ice damage to antennas from this storm.

One of my non-ham coffee buddies brought in an interesting instrument recently. He had a free energy audit by "New England Conservation Services"...free for electrically heated homes. As part of the audit they GAVE him a device called a "Kill A Watt" Power Meter. It can be found on the internet for anywhere between \$18 and \$50, but I had never seen anything like it. You plug it into a wall outlet, and plug any 120VAC appliance into it, and an LCD display indicates Line voltage, Load current, Power consumption, Line frequency, Power factor, VA, and KWH if you leave it on line. It handles up to 15amps...the model he had was a P4400. I don't know who is subsidizing this (no doubt you and I), but for oil heated houses, like ours they will do an audit for \$75 which includes cleaning and tuning up the furnace, and a P4400 as well! My audit is scheduled for tomorrow. It will be interesting to see how much the computers and ham gear are contributing to the monthly bill. I don't know if this is available in other states...1 877 389 7077.

Will, WC2L builds his own USB to TTL interfaces for Kenwood and Yaesu radios using a cable from "FTDI". Look at www.ftdichip.com. For radios that do not communicate thru a com port, he uses their TTL-232R or TTL-232#-3.3v cable with a 2mm header to connect to the DIN plug on his radios. Will has made them for FT1000, TS850 and TS790 and a couple other rigs. He says you can use the MProg utility from FTDI and you can invert the cable signals for Kenwood radios. This allows all of the older rigs to be used with newer computers with minimal work. Will also says it works with Windows, Linux, MAC, and pretty much any operating system.

A funny thing happened on the way to the beach last week. Yes, we were on another cruise taking a taxi to a beach in Antigua called "Long Bay". My wife spotted a bunch of towers before I did, on the left side of the road. I immediately figured that must be V26B! Sure enough, when I got home I emailed WT3Q and Sam confirmed that indeed it was. He said there are 6 towers with 2x2 on 40, 4x4x4 on 10, 3x3 on 20 meters, and 5x5 on 15. One tower has wifi and 6M as well as 12, 17 and 30M. They have wires on 80 and 160, and although the towers were not especially tall, they sure are always loud here!

Thanks to Matt, WV1K for the unbelievably high resolution satellite photo of my tower. You can see every element on the top four antennas. According to Matt, he feels that MS has much higher resolution than Google now... and uses NAVTEQ images (like Google)

<http://maps.live.com/default.aspx?v=2&FORM=LMLTCP&cp=qycf1z8yq7kd&style=b&lvl=2&tilt=-90&dir=0&alt=-1000&scene=16281881&phx=0&phy=0&phscl=1&encType=1>

Yours truly regretfully forgot about the CQ 160 CW weekend that started the night we returned home. It sounded from reports like there must have been the best Top Band conditions in contest history, especially reading results from K1ZZ and K1DG with over 300 Europeans worked by Dave and a JA run by Doug. Gotta get another Contest calendar!

73 Barnacle JACK W1WEF

The Road to the WAS Triple Play Award:

When I first became aware of the Award, I thought I might give it a try. The Triple Play Award requires that you work 50 states on CW, SSB and DIGITAL, all after Jan. 1, 2009 and all QSO's have to be processed through LOTW. As a user of LOTW, I knew I could handle that part of the confirmation process. With some great contests planned for January, I put a plan in place. First, the ARRL RTTY RU, then the NAQP CW and finally the NAQP SSB. Should be easy. Yes and no.

The ARRL RTTY RU was conducted during the weekend of Jan. 3rd. I operated for 20 hours and made 728 QSO's. The LOTW confirmations exceeded my expectations; 42 states confirmed on Jan. 5th, and the remaining 8 were confirmed by Jan. 12th. There were no reworks, all RTTY LOTW confirmations were as a result of the Roundup contest. Digital mode (RTTY) done.

Let me digress for a minute. If it wasn't for the weather, I would have operated in the NAQP CW. My family had a surprise birthday party (70) planned for me in Manchester, CT on Sat. Jan. 10 and I would have away from the station until almost 9:00 p.m. But the party was cancelled due to the storm. I have watched the Weather Channel show about "how weather changed history". Well, it happened to me.

We move on the next mode; CW. The NAQP CW was held on Jan. 10th and 11th. I operated the maximum 10 hours and made 627 QSO's. On Jan. 11th, there were 45 LOTW confirmed states. On the 13th, the total was up to 49. I had already received a confirmed LOTW QSO with WVA on Jan. 8th. CW mode done.

Now SSB. Not my favorite mode. I already had 1 confirmed QSO for WVA, which I had got on Jan. 8th. There was only one occasion when I moved a station from CW to SSB and that was with the WVA station. I found out on Monday that a Triple Play net had been operating on 3618 and actually had started on Sunday. Between the net operation and spending 1 hour each day on 20 meters looking for WAS TP stations, by Jan. 16th, I had 46 states confirmed. One of the last four; Iowa, was confirmed on the 17th, after a gentle nudge for that station to upload their log. Alaska was worked on 75 SSB on Jan. 17th. Down to 2!!! I had a sked with KH6C between 12:30 and 1:00 p.m. on Sat. prior to the start of NAQP SSB. He was there and I worked him. I mentioned that I had one more to go; Wyoming. And by coincidence WG7Y was listening and gave me my last one. Both contacts were confirmed on LOTW within an hour. I then applied for the Award and will receive Certificate #5.

Bob Garceau, W1EQ

Note: Congratulations to Bob, W1EQ with Triple Play #5 and Jose, N1BAA with Triple Play #4. Anyone else?

YCCC Quarterly Meeting

February 7th, 2009

ARRL Headquarters

225 Main Street

Newington, CT

Time: Noon - 4PM

Two Amendments to the YCCC Constitution to be voted on at February 7th Meeting at ARRL HQ

In accordance with Article VIII of the YCCC Constitution, the following proposed constitutional amendments will be on the agenda for the next regular meeting on February 7, 2009.

1. W1EBI proposes to delete the following provision of Article 6 of the club By-Laws:

"Term Membership (TM)

A member may choose to pay multiple years in advance. For electronic/paper Scuttlebutt, two years will be \$25 and \$35 respectively; three years will be \$40 and \$50 respectively and for five years \$60 and \$80 respectively.

[as amended 19 January 1980, 6 February 1988, 29 July 1995, 7 February 1999 and 5 February, 2005]"

The reason for the proposal is that the dues discount was intended to apply to dues paid IN ADVANCE, but many members mistakenly take the discount when paying dues in arrears plus one or more additional years. It has been more of an administrative headache than a benefit to the club. The proposal would delete this particular provision in its entirety.

2. W1WFEF proposes to amend Article 6 of the By-Laws to reduce the annual dues by \$5 and also to discontinue the paper edition of Scuttlebutt. The proposal would reduce dues for active members to \$10 per year with email Scuttlebutt from the current \$15, and reduce dues for "Friends of YCCC" who reside outside the club circle, as well as Student members, to \$5 per year from the current \$10.

Both of the above proposals are to be presented to the attendees at the February meeting for discussion and vote. A super quorum is required to bring the proposed amendments to a vote, per Article VIII of the club constitution, and a 2/3 majority is required to pass. Our present voting membership is 367, a super quorum is 56, and 38 in favor would be required to pass the proposed amendments.

Respectfully submitted,
George Harlem, W1EBI

Secretary

YCCC Regular Meeting December 7, 2008—Marlborough, MA

The December meeting was called to order by Mark, K1RX, at 1:12 pm at the Holiday Inn, Marlborough with a round of self-introductions. George, W1EBI, gave the secretary's report, noting that the active roster stood at 378 members. Ed, K1EP, gave the treasurer's report, noting that net income was \$585 since the October meeting. Both reports were accepted by members in attendance.

After a brief review of the meeting agenda by K1RX, two new members presented themselves and were voted into the club:

Markovic Milovan, N8BO, Mendon, MA
Pamela Montanya, K6NDV, Mendon, MA (and Markovic's XYL)

W1EBI proposed an elimination of the \$5 discount for dues paid in advance. George noted that many members take the discount when paying dues in arrears, in spite of clear instructions on the website. As this would be an amendment to the club bylaws, requiring a formal vote to pass, a notice would be posted to the website with a vote at the February meeting.

Dave, K1HT, club scorekeeper, reviewed our interim score position following both weekends of CQWW. YCCC claimed scores totaled 270.775 meg. Dave's analysis showed us trailing FRC by about 19 meg in SSB, with the CW analysis still incomplete.

Lee, WB1ADR, gave an excellent presentation on analyzing insertion and return loss of various filters, cables, adapters and accessories. Lee helped answer some basic questions—are our coax cables OK? Are our RF adapters OK? He explained TDR—time domain reflectometry—as employed to measure return loss, and then proceeded to measure the actual loss parameters of a Dunestar filter, a W3NQN filter, and an ugly but effective homebrew filter built years ago for about \$15. Talk to Lee if you didn't attend the meeting.

After a break for some socializing and cookie consuming, we heard an overview of the DXpedition to St. Martin by Ann, WA1S, Paul, K1XM, and Charlotte, KQ1F, who posted a claimed 11.68 meg in CQWW CW as TO4X from the FS5UQ station of W1UQ. There were more than enough problems to resolve, but they still managed to log over 8,200 QSO's.

A closing discussion focused on a new version of the YCCC Contest Cookbook. K1RX felt the email shot on the reflector before CQWW CW sent to 75 new club members helped to get them inspired to get on the air. Jim, K1IR, suggested setting up a wiki for creating the document. Another suggestion was the insertion to insert a YCCC enclosure with bureau cards being mailed out to new callsigns. A call went out for a member to volunteer as editor of the 2009 edition.

The meeting was adjourned at 3:54 pm.

Respectfully submitted,
George Harlem, W1EBI
Secretary

YCCC 2008 ARRL DX CW Scores Have Been Posted!

THE ARRL 160 METER CONTEST FROM WESTERN MA

Allen Singer, N2KW

There was (and still is, to some extent) a terrific synergy among New England's amateur radio operators. During the 1960s and 1970s it wasn't unusual for someone to drive 60 miles at sunrise on a Sunday morning, simply because 'the gang' was helping a newcomer put up his first tower. The team simply came together in a manner reminiscent of a barn-raising event. Pizza and pilsner were the only compensation expected, (if the brew was *Sam Adams*, you could be sure your ground crew would be available for a return engagement!).

There is no place where this tradition is better exemplified than within the Yankee Clipper Contest Club (YCCC), consistently the 'Number One' club when it comes to cumulative club-score in most major contests. The Club credits its dominance to the contribution of *many* scores rather than reliance on a few 'big guns'.

I can recall a particularly inspirational speech that K1TTT made, during his tenure as President that motivated me to go 'all out' from my mobile during the CQWW SSB Contest, simply to add to the Club score. I set an arbitrary goal of working DXCC in a weekend and almost made it, working 96 countries in 30 hours of operating. Learning how to say my callsign in Russian from 'Ed the Red', NT2X, got me zone 18 on 10 meters that weekend!

Nicolai dvoika kilo-VATT Vasily."

Dave has been living in his present QTH for 25 years or more and during that period it has been one constant upgrade, with several projects planned at any given time listed on a chalkboard on the wall in the shack. In the summer of 2007, the big project was an 80 meter four-square. The antenna, made from four 66 feet high towers, with insulated sections and elevated radials, plays *very* well.

During my visit last in December 2007, 9V1YC and I got to test it on 3520kHz.

The list of planned projects is endless.

"A successful contest station can never have too many antennas!"



Dave, K1TTT, at the 75 meter station Note the projects chalkboard in the background.

Techniques are readily shared and the vast knowledge base of the membership assures cutting years from the learning curve! David Robbins, K1TTT, (ex-KY1H) is a past YCCC President and many prominent contesters have been a guest operator at his incredible installation. For others, this station was their introduction to the competitive aspects of our hobby. *Contest Cookbooks* are published annually, and use current evaluations of propagation to maximize scores, even for the member with limited time!

"You should be on X band by T hours unless your hourly rate remains above N."

On 40 meters you have an antenna choice of four elements at 90 feet, four elements at 180 feet, both in phase, or a four-square for that fast multiplier. On the higher frequencies it is possible to stack as many as four of those four element antennas! There are fixed antennas optimized for Europe and fixed antennas optimized for

South America. There are ring rotors at various levels and a huge rotary at the top, 150 or 180 feet above ground! There is an incredible wealth of knowledge in the book that Dave has prepared about building this station and includes lessons learned, and 'tricks' discovered. You can find further information on his web-site at www.k1ttt.net.

" Concentrate on the highest band that is open to Europe!"

I came up to "the wilds of Peru" in November 2007 to be part of the CQWW CW Contest team, but when I found that a chair was available for the ARRL 160 Meter Contest on the following weekend, I jumped at the opportunity!, (K1TTT is only a 155 mile trip from New York City).

On 160 meters, Dave has an Inverted Vee with the feedpoint at 180 feet, or phased inverted L antennas with either a North/South or an East/West pattern available. There are also beverages with North, Northeast, Southeast, South, Southwest and Northwest directions selectable, and these were invaluable at times.

I do not have any 160 meter capabilities at my home QTH and so the opportunity to visit Top Band from a first class installation was an easy decision to make. I spent 16 hours in the chair on each night, interrupted only by mandatory comfort breaks. I even ate while the keyer was sending. I have since become the team's official 'vampire', banished to a QRN filled night, as the HF team sweetly rests in the arms of Morpheus!



This is the 180 foot tower that holds the 40 meter beams. That is a 10 meter antenna at the top.
"There's no meters like ten meters!"
(Tower photo, shot from base, looking up)

"The Boston Marathon has its hills, DX contests have the wee hours of Sunday morning!"

It snowed throughout the contest period, which made the antennas tune differently, and the East/West pattern on the inverted Ls seemed unstable, so I transmitted during the entire contest using the Inverted Vee. However, there were numerous occasions where the QRN came way up over S9 (from the local precipitation) and the beverages were the only way to hear anything! I heard VK6HD during the contest but there is no SWL category!

I worked all states during the weekend, lacking only VO1, VE4, and KP4 for a 'clean Sweep' of all 80 sections. W6RGG was actually stronger from Scarborough Reef than he was on 160 meters that night! Ultimately, all signals are compared to GM3POI, and contrasting his signal that night, to what it *had* been just a few nights earlier in the week, showed just how poor band conditions had become! (Clive is Scotland's version of W3LPL!)

"Never count on the second day being better!"

All the seven operating positions at K1TTT have identical equipment: (modified) FT-1000MP transceivers, Command HF-2500 amplifiers, Individual PCs networked using N1MM software, (Dave is a beta tester for N1MM). If you work the 80 meter station, please ask for the 160 meter frequency!

"Expect any contest effort of more than 24 hours to require several days of recovery."

Dave and I discussed power before the contest started. I could have opted for personal glory, shut off the amplifier, and done almost as well! Instead, we decided that I would run high power in order to maximize my contribution to the YCCC score. The bottom line was 1234 QSOs (of which 59 were with FOC members) and 317,630 points. The top two USA scores were over 450,000 points so I will have to try harder next year! The top score in the Low Power (100 watts) category was 250,000 points.

"If what you are doing isn't working, do something else!" If you have 160 meter credit for N2KW on your WAFOC, then this is the station Allen was using. Does the web-site displayed on the computer screen look familiar to you? (Photo of 160 meter station)

Techniques are patiently taught at Dave's station and a chair is usually open for an operator to polish his (or her) skills. One of the most difficult things for me to accept, was that by simply calling CQ, most



This is the present antenna farm at K1TTT, the four-square is not shown.
(Photo from picnic, showing MOST antennas)

of those multipliers that you were chasing, will find *you!*, (the ones that don't are easier to log on the Sunday anyway). The difference between coming first place and being an 'also ran' in the FOC Marathon can sometimes be maddeningly small, and converting that five-band QSO into a 'sixer' can often make the difference between winning and only submitting a log.

"Run Europe whenever possible, always plan sleep in multiples of 90 minutes!"

Learning to use the stack properly is less than obvious. Sure, there are times, say on 40 meters, where a USA station will run Europe, but keep an ear open for that VK/ ZL multiplier. Just point the high antenna at the Pacific, the low one at Europe, and use both in phase. The stack is not to make you louder. Stacking gain is a theoretical 3db. No, the real purpose of stacking antennas is to give you a bigger 'footprint' on a crowded band, eg 40 metres, using the four element Yagi at 82 feet, you hear EA/CT/F/G. Were you to find a frequency and call CQ, there might be an LZ on that frequency, and you wouldn't have a clue! If you were to use the 164 feet antenna alone, you would hear LZ, UA3, OK, SV, 5B, 4X, but if an Italian opened up on the frequency, you wouldn't know!

With *both* antennas the signal is heard in *both* skip zones and your chance for a clear frequency in a contest environment increases significantly.

"The only way to get a high multiplier total is to periodically sweep the band for multipliers. Use your second VFO and your 'band map' to identify multipliers that you will chase later, when their pile-up diminishes."

One of the more annoying aspects of contesting used to be duplicates (dupes), but with computer logging, being 'duped' is far less common. Give the caller the benefit of the doubt. Perhaps you 'busted' another call? The fact is, it takes less time to work him a second, or even a third time, than it does to explain how he is already in your log (which *he* will argue that he is not!). Just work him again.

"Keeping a 'run' frequency on one VFO, while tuning the band on the other, can easily result in over 100 additional QSO's, with some new multipliers as well!"

If you would like to know more about Dave's K1TTT superstation, you can visit the web-site at <www.k1ttt.net>, where you can look around the station with four webcams (daytime or contests only), and read about the installation and some of the accomplishments.

Thanks to the YCCC's *Contest Cookbook* for all the little tips (at the end of each paragraph in italics.)

Note: The above article first appeared in FOCUS # 74. "FOCUS" is the house organ of the "First Class CW operators club" (FOC), which has several YCCC members among it's ranks. It has been reproduced here to honor a great contester. K1TTT who quietly leads by example.

K1TTT's "Building a Super Station - 25th Anniversary Edition Available

The 25th anniversary edition of K1TTT's book is now available at <http://www.lulu.com/k1ttt>.

The book been updated for the last 4 years since the first one came out, but now there is also a DVD available with almost 2GB of extra stuff, including the book in 3 formats, the old book, all of K1TTT's ham software archives, snapshots of Dave's web site including all the tech reference stuff, movies of many contest operations (some of which never made it to the web site), and a bunch of other stuff.

The book itself is available in full color printed edition or as a pdf download.

(Editor's note:

Some web protection programs categorize the link to Dave's book as "Spiritual Healing" - Now that's the real story.)

YCCC WMA Area Meeting, Nov 29/30, 2008—Peru , MA

The Western Massachusetts Area of the Yankee Clipper Contest Club held a regional meeting as part of an open house at K1TTT during the weekend of November 29 and 30. The Open House's purpose was to allow anyone interested in learning more about contesting to see a multi-multi cw contest in operation, ask operating or hardware questions, try out multi-multi operating, or other general questions.

A local Yankee Clipper Contest Club meeting was held on Saturday at 1pm to consider applications from anyone interested in joining, rejoining, paying dues, etc. Ed Parish, Treasurer, collected dues from N2KW.

In addition to the group operating, one member and one guest attended.

Operators: K1TTT, NF1D, K1TWF, AD4EB, K1EP, W1UE, K1SFA, N2KW, K1MK, and W1TO

YCCC Attendees: KJ1K

Guest: K1AU, Grier Miller

Tom Homewood
Western Mass. Area Manager

LOW BAND DX ING BOOK, EDITION 5

In preparation of the new 5th edition (planned mid 2010) of the ARRL publication "Antennas and Techniques for Low Band DX-ing", John - ON4UN needs the inputs from all dedicated Low Band DXers. Your inputs are highly valued and appreciated. They will be analyzed and reported in the new edition of the book.

If you have not already received a copy of the questioner email the Scuttlebutt editor at Editor@yccc.org for an electronic copy of the survey.

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 (\$35/2 yr) (Eligible for YCCC awards programs and paper delivery of Club newsletter)

Full Member - \$15 (\$25/2 yr) (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 or 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, Ed Parish, K1EP, 9 Spoon Way, N. Reading, MA 01864**

SCUTTLEBUTT ARTICLES should be sent to the Scuttlebutt editor, Steve Rodowicz N1SR, preferably by E-mail at n1sr@arrl.net or on 3½" disk (in MS-Word format or text file) by snail mail to Steve Rodowicz, 809 Pendleton Avenue, Chicopee, MA 01020. The deadline for each issue is the 10th of the preceding month..

Scuttlebutt Advertising: Nominal Business Card sized ad, \$50 per year (6 appearances)

CONTEST SCORES should be sent to the club scorekeeper, Dave Hoaglin, K1HT, preferably by E-mail at scores@yccc.org. 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 Bob Rogers KB1LN@yahoo.com

YCCC LOGO ITEMS <http://www.cafepress.com/n1ik>

QSL CARDS are ordered through Burt Eldridge, W1ZS. To order, send Burt an email at w1zs@arrl.net, detailing card information per "QSL Request" form available at http://www.yccc.org/members/yccc_qsl.htm. You will receive a proof by email. Approve the proof, making any corrections, and return to Burt *with payment* (make checks out to Burt, not YCCC). Current price is \$50 (delivered) for 1,000 cards. Also available is the glossy version for \$70/1000.

MEMBERSHIP ROSTER is posed on the YCCC website. Updates are published in 'Movers and Shakers' when members move or change call signs.

COMPUTER STUFF INTERNET REFLECTOR There is an Internet mailing list for YCCC members. To subscribe, send mail to yccc-REQUEST@yccc.org. Insert only the word "subscribe" in the subject of the mail message. (Do not send messages to the reflector that have file attachments, HTML formatting, use boldface or other fancy fonts, etc.)

WWW HOME PAGE Come visit us at <http://www.yccc.org> Our Webmaster is Mike Gilmer, N2MG.

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 20 cents each. Address: W1 QSL Bureau, PO Box 7388, Milford, MA 01757-7388. Email address: w1qsl@yccc.org.

ARRL COMMITTEE REPS are:

CAC: New England Dick Green, WC1M Hudson George Wilner, K2ONP Atlantic Michael Gilmer, N2MG

DXAC: New England Bob Beaudet, W1YRC Hudson John Sawina, NA2R Atlantic Chris Shalvoy, K2CS

ARRL LIAISON: Tom Frenaye, K1KI.

Upcoming Meetings

Date	Type	Place
Feb 7	General	ARRL Newington, CT

Ship's Log	February 2009	Issue 198
Captain's Cabin	Mark Pride - K1RX	1
Crew News		2
Flotsam & Jetsam	Jack Schuster - W1WEF	3
Road to WAS Triple Play	Bob Garceau, W1EQ	4
YCCC Constitution Amendments		5
Dec Meeting Minutes	George Harlem - W1EBI	6
ARRL 160M Contest from WMA	Allen Singer - N2KW	7
WMA Area Meeting		10

Next Meeting:
Saturday, February 7th - Noon-4PM
ARRL HQ, 225 Main St, Newington, CT

The YCCC Scuttlebutt
18 Bancroft Tower Road
Worcester, MA 01609

FIRST CLASS MAIL