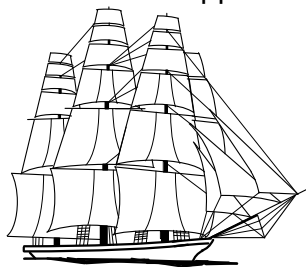


Yankee Clipper



Contest Club

# Scuttlebutt

October 1995

Issue 119

## Captain's Cabin

J. P. Kleinhaus, AA2DU

Well, hard to believe it, but another contest season is upon us! For all these months since Dayton, we have been planning and then implementing our newest killer weapons in the fight against the menace from the South (read FRC). Finally the moment is here to see if all that planning will pay off...or will it be back to the drawing board after the winter?

Apparently, this may be one of the last years to exercise that killer low-band setup before 10 and 15 meters return with a vengeance. It was reported on the Internet that astronomers have already spotted (pun intended) the first sunspots of the new solar cycle. With this new cycle will come yet another round of new high-score records and I'm sure that YCCC members will take their fair share of those accolades.

While we came so very close to beating the FRC in the past ARRL DX Contest, it seems that their early numbers will hold up, and that we missed the mark by the smallest of margins. I am confident that if we can maintain our intensity throughout the season, we will have an even better shot this year...after all, we only started the ball rolling two months before the contest. This year, we are gearing up for the WW and ARRL contests well in advance. Towards that end, WZ1R and myself will be running the new awards program for the CQWW. The format and goals will be similar to the program announced for this year's ARRL DX contest and Charlie and I will fill you in on the details at the October meeting.

One new thing I'd like to try in order to keep club spirit high is a weekly on-the-air meeting. Randy, K5ZD, suggested this on the Internet YCCC reflector and

we have been doing it for the last few weeks. The suggested meeting place is 1860 Khz ( $\pm$  QRM) at 8:00 PM local time on Monday nights. This is right before Monday Night Football® and should be convenient for most of us. There is no formal agenda, but it's merely a time for us to discuss antenna ideas, swap stories and basically allow members of the YCCC to communicate across the wide area that makes up our club. So come on down to the radio room, and see who else is there!

Speaking of the Internet, those of you who are not on-line yet are missing some great opportunities for discussion and information gathering. I know, you've heard it all before, but it's all true! Recent topics of discussion included W3LPL on beverage antennas, various postings on stacking tri-banders and monobanders with 40 meter beams and even a discussion on the environmental impact of towers on local bird populations (useful if you're struggling with a recalcitrant zoning board as I am). The YCCC hosts its very own reflector and plans are underway to host a WWW Homepage (thanks to AA1AA). Also, our esteemed editor can E-mail you a pre-press copy of the Scuttlebutt so you can enjoy it before anyone else on your block. With all of this available to you, there is no better time to take advantage of the infobahn.

Well, that's all I have for this month. I hope to see all of you at the next meeting, especially those of you who haven't attended a meeting in a while. I know that Luigi has put together a superior meeting program for your enjoyment, so come enjoy it with the rest of us...I'm sure you won't be disappointed and can't think of a better way to kick off the new season!

BEAT FRC!!! ☐

## October Agenda

Luigi Giasi, AA1AA

Get ready for a jam-packed meeting, complete with demos! That's right folks, demos! Real live radios and computers, charts and graphs, sound and video, RF and RFI, plenty of stuff to give mere non-ham mortals a case of the wilies that'll last through New Years!

Jake Handwerker, W1FM, author of IONSOUND, will be running through some of the features of the IONSOUND propagation package. Many of you may have tried the smaller demo version of the program, here's your chance to get a complete look at the full-featured program and get some exact-to-present-conditions estimates of propagation.

Not to be outdone by our competent 1-land techies, the folks at Kenwood are sending Loren Pleet, AE6P, from the left coast armed with the latest entry into the contest rig fray, the TS-870 with DSP in the IF. Plan for a thorough checkout of the rig, along with some on-the-air testing of some of the newest features to make it onto today's rigs.

J.P., AA2DU and Charlie, WZ1R, will bring the group up to date on the CQWW awards program for this fall. Let's lock up those operating plans and make sure everyone is operating and submitting a score! We'll run down who is opping from where, as well as try to fill any empty slots at multis and find seats for new blood coming in.

Luigi, AA1AA will be presenting a bottle of wine to the YCCC CQP winner (see page 7). Bring your log to the meeting. Luigi's decision is final. Must be 21 years of age.

(see AGENDA, page 2)

**Yankee Clipper Contest Club  
1995-96 Officers and Staff**

<b>President</b>	J.P. Kleinhaus, AA2DU (914) 739-6318 aa2du@netcom.com
<b>Vice President</b>	John L. Luigi Giasi, AA1AA (508) 856-8649 aa1aa@ummed.edu
<b>Secretary-Treasurer</b>	Charlotte Richardson, KQ1F (508) 562-8519 richardson@wrksys.enet.dec.com
<b>Scuttlebutt Editor</b>	Leonard Kay, KB2R (617) 938-8582 lkay@pria.com

**Area Managers**

<b>CT:</b> Gene Frohman, K1RU (203) 393-1772	<b>RI:</b> Charles Morrison, WZ1R (401) 772-0746 wz1r@packetcluster.com
<b>EMA:</b> Bill Santelmann, N1AU (617) 862-1753 n1au@aol.com	<b>SNY/NJ:</b> Bill Hellman, NA2M (914) 528-6845
<b>ME:</b> Peter Archibald, N1AFC (207) 767-2169	<b>WMA:</b> vacant
<b>NLI:</b> Rich Gelber, K2WR (212) 580-1075	<b>VT/NH:</b> Glen Whitehouse, K1GW (603) 673-6270
<b>NNY:</b> Fred Lass, K2TR (518) 355-4813 fredlass@globalone.net	

**CAC/DXAC Representatives:**

<b>CAC New England</b>	Kurt Pauer, W1PH (603) 673-7201 0006743923@mcimail.com
<b>CAC Hudson</b>	J.P. Kleinhaus, AA2DU (914) 739-6318 aa2du@netcom.com
<b>DXAC New England</b>	Jim Dionne, K1MEM
<b>DXAC Hudson</b>	Bill Hellman, NA2M (914) 528-6845

The Yankee Clipper Contest Club (an ARRL affiliated club) holds six official meetings per year, on the first weekend of even months, in Sturbridge, MA. Attendance at an official meeting is required to become a member.

Articles in the **Scuttlebutt** (except for those separately copyrighted) may be reprinted, provided proper credit is given. The editorial deadline for the Scuttlebutt is the 10th of every odd month.

For any club-related questions, contact your area manager or any officer.

**Busy All the time...**

Dick Pechie, KB1H

There have been a few comments that the YSA should be setting guidelines for messages, DX spots, User system use, etc. Well, I agree that given the time, some of these would be nice to have around, at the least, for the new PacketCluster User. The truth is most SYSOPs and YSA Officers have had an unusually busy summer at work and everything is behind hopes and expectations. What I would like to do though is let you know just how big this network is and the task of maintaining the operation of all the equipment turns out to be one full time job in itself. It's no wonder why some of the HF station projects, YSA goals, and even family tasks do not get done.

First let's look at the User side of the network. Twenty two Nodes belong to the YSA. That's 22 computers running 24 hours a day and all the housework that goes with being a SYSOP. At KB1H a typical month has 6000 messages passing through. The total number of 2 meter Network User ports is 29!!! They are spread over 15 frequencies so we do use spectrum. This also includes a number of KA-Nodes that help remote Users get into the network. There are two 220 MHz. User ports on two different frequencies. The number of callsigns logging in during the year approaches 4300.

Backbone ports are even greater in number. There are five 2 meter backbone ports on two separate frequencies. There are twenty nine 220 MHz ports running on 5 frequencies. Thirty seven 440 Mhz. ports on 16 frequencies. Total - 71 backbone ports!!!

Add up the ports and I get something like 102 radios packeting away 365 days a year. As you can imagine with these kind of numbers failures occur that have to be fixed and alot of time goes into that task. Also don't forget the 102 antennas and feedlines.

Out of all these ports, only seven, yes, seven are running higher than 1200 baud. Those seven run at 9600, all on 440 backbone frequencies. This year the YSA had hoped to improve some weak links and speed up a few of the 1200 baud links. Yes, we

fell well below our goal. We had to deal with moving of three nodes and re-linking of some of those. What little time that was available was gobbled up by this task and a few other episodes that I need not get into here.

So I guess what I am trying to say is that keeping the system running is quite a feat. It is obvious we are a force to reckon with due to the spectrum that we use. There are hopes for more time for improvements. Can anybody get us a 30 hour day or 3-day work week?? Good luck in this contest season and you can be sure the SYSOPs will do what they can to help the YCCC finish on top in 95-96! ☐

*AGENDA (from page 1)*

As always, we will be updated on CAC and DXAC activities, Len, KB2R will have the latest batch of polo shirts, and while this was going to press, rumor had it we may add another presentation on "Getting a Serious Station up Quick.", although we may hold that until December, depending on how many people bring their CQP logs in..... 73. ☐

**On the Contest Reflector.....**

If you have Internet access, and you're not on the Contest Reflector, you should be! Topics which have been tossed around lately include.....

- Pouring and curing of tower bases
- Beverage signal splitting techniques
- Clarifying the CQWW 10 minute M/S rule
- Sprint results and analyses

To subscribe to the reflector, send the message 'SUBSCRIBE' to: cq-contest-request@tgv.com. You'll get back everything you need to know. Traffic averages about 20 posts per day. ☐

## Secretary's Report - July 1995

Charlotte Richardson, KQ1F

The July, 1995, meeting of the Yankee Clipper Contest Club was held on Saturday, July 29, 1995, at the ARRL New England Division Convention in Manchester, NH. The meeting was chaired by club Vice President and Activities Manager, Luigi, AA1AA.

To start things rolling, Tom, K1KI, passed out million-pointer and DXCC-in-a-weekend plaques to qualifying members, and Tom and Luigi passed out certificates. The treasurer's report showed a balance of \$1304.84. The proposed dues and subscription increase passed. This was followed by introductions of the 94 members present and their families and other guests.

Gary, K2AJY, passed out flyers for the New England DX Convention and dinner, to be held on October 7th in Worcester, Massachusetts. Jack, W1WEF, had CT interfaces for sale. Dave, KY1H, is looking for antenna workers. The club office of local area manager for Western Massachusetts is still vacant; interested members should talk to Bill, N1AU, the area manager for Eastern Massachusetts, to get a feel for what is involved. Following this, the club welcomed several new members (see "New Crew").

In the second hour, Paul, K1XM, and Charlotte, KQ1F, presented a multimedia slide show on the 1994 CQ WW CW Dxpedition to J77J.

In the third hour, Dean, N6BV/1 lectured on antenna modeling and terrain analysis. He covered the range of elevation angles needed, antenna performance analysis, and the effect of local terrain, using the IONCAP program. As examples, Dean compared stations of several of our members. □

## Secretary's Report - August 1995

Charlotte Richardson, KQ1F

The August, 1995, summer picnic meeting of the Yankee Clipper Contest Club was held on Saturday, August 12, 1995, at Streeter Dam State Park, near the usual club meeting place in Sturbridge. Nine members and their

families attended. At the brief business meeting, the club treasury stood at \$1497.29. No new members joined the club.

The discussions of the afternoon centered on the expected impact on CT of Windows 95. We also discussed at length the implications of DXpeditions counting for club scores in the ARRL DX contests. Dxpedition logistics and strategies for the ARRL contests will be simpler than for the CQ WW contests. We also talked about the packet cluster system, how it is managed, and the policy towards protecting the sysops' licenses in case of deliberate or inadvertent commercial use of the cluster. Despite the occasional stray raindrop, club Prez JP, AA2DU, managed to grill even more kielbasa than he and ex-prez Rich, K2WR, could eat. □

## A \$50 Beverage

Randall Thompson, K5ZD

I built my first Beverage this past year. It was so easy I can't believe I lived without one. Here's how to do it:

1. Go to Home Depot (or other large hardware store) and buy a 500 ft roll #16 THHN or MTW wire. It's available in every color you can imagine for about \$15 per 500/ft roll.
2. Go to local feed store and get some electric fence insulators. This cost me about \$3.
3. Call your favorite radio dealer and order an ICE Beverage matching box. Cost: about \$30.
4. Go to Radio Shack and get a 400-600 ohm resistor. I actually used four (4) 2KΩ resistors in parallel!
5. Roll out the wire in the desired direction. Mount the fence insulators to convenient trees (my Beverage is not perfectly straight) about 7-9 feet up. Connect one end of the wire to ground through the resistor. Connect the other end to the matching box. Connect coax. Enjoy!

I did follow the conventional wisdom of sloping the ends down. I used 4 foot ground rods at each end. I only have room for a 500 foot run. W3LPL has pointed out that 580' might be a better length. It's simple to solder some more wire on.

This antenna makes 80 and 160 enjoyable. Less than \$50 to hear Europeans all

summer on the LF bands seems like a good deal if you have the space!

When the antenna broke this summer, I used a split bolt connector to join the two pieces back together. You can find these for about \$1 in the electrical aisle of the Home Depot (or hardware store). No solder required! □

## Tune your Tower

Jack Schuster, W1WEF

Ever put up a half sloper and have a hard time getting it to resonate? I have. Sometimes they seem to resonate fine, but at other times I have put them up and just couldn't get the SWR down no matter what. For those unfamiliar with these antennas, I'm referring to a quarter wave sloping wire from the top of the tower, or close to the top, sloping downward at 45 degrees, fed at the top with the shield of the coax tied to the tower.

I've been using a half sloper on 160 for a couple years now, with good results. It comes off my 100 ft tower at the 90 ft level. I can tune it to have a perfect 1:1 SWR at any place in the band, by "tuning" the tower half of the antenna in a unique manner. At about 80 ft, I have a shunt wire that I used to use for a shunt feed until a low TH6 I added messed it up.

The shunt is spaced about a foot from the tower and runs to a gamma capacitor at the bottom, through which I used to feed it. Instead of feeding it with coax, I have grounded the side the coax used to connect to, and can tune the capacitor to make that half sloper play anywhere in the band! □

## Amidships

Leonard Kay, KB2R

Let me start on a positive note: I love this club. I mean that. I feel that we, right here, collectively have by far the best pool of contesting talent in the world. Forget those other guys to the south whose name eludes me at the moment, and the '\*CCC' spinoffs out there somewhere in the Black Hole (recently defined on the Contest Reflector as Not New England). Add to that this wonderful propagational advantage we enjoy, and we should be *unbeatable*.

But I've got something to get off my chest, and then I'll go back to calling CQ. I can see why we aren't winning, if the experience editing my first Contest Cookbook is any indication: *the motivational level in this club is the pits*.

No, I didn't expect people to be busting down my door with articles in hand, pinning to see their names in print. But let me ask this: *Where's the team spirit? Where's the championship attitude?* After numerous packet and reflector notices and solicitations over the last two months, I *still* needed 4 out of 9 slots filled. Is this really how a world class bunch of testers, who should be trying to get the next generation of testers broken in and fired up, shows their enthusiasm? Yes, I'm speaking to you, Joe (or Jane) Average YCCC. We all have what it takes to make 'The Box', and if you've contested at all seriously, you have something to say. What's more, writing an article helps you refresh *your* brain, too. I can only hope that the reason so few people offered to contribute was that you're all busy doing tower and station work!

I finally did get the authors I needed (my *sincerest* thanks goes to you who wrote articles) and I hope everyone enjoys the 1995 Cookbook. I slanted it away from the 'standard' format a little, tailoring it for the sunspot minimum and adding some more general purpose articles to help all our shipmates, new and old, contribute the best they can. It will be *handed out* at the October meeting.

I sure can't wait for the contest season to start so I can relax.... Remember: 200 logs x 500K x 2 weekends = **200Meg**. Let's get the volume up this year and the rest will follow. Read the Cookbook. Beat FRC. □

## CAC Happenings

JP Kleinhaus, AA2DU

[What follows is a summary of recent CAC actions, which are now pending before the Awards Committee. - '2R]

**1. The CAC, by a vote of 14 to 2 in favor, recommends the addition of an "hours on" data column (with precision to the nearest hour) to the published contest results in QST for all ARRL contests.** Conversations with testers indicated to the CAC that there is a desire for part time efforts to have recognition. It is the opinion of the CAC that the addition of this data will enhance the enjoyment of the contest for those who elect to participate part time. It will provide a way for those participants to judge their performances against other like-minded individuals. This will enable the ARRL to meet the needs of this contesting subgroup, without the additional expense of running a separate awards program for part-time efforts.

The CAC recommended that the default information be a blank space, if no data about time-on is provided by the entrant.

**2. The CAC recommends, by a vote of 12 to 2 in favor, the addition of DXpedition scores to the club aggregate competition totals for affiliated clubs in the ARRL DX Contest.** The Committee feels that this can only improve the personality of the DX contest. In fact, this is nothing earth shattering, as CQ Magazine has been doing this for many years. It is felt that this change is long overdue, particularly by some west coast contest clubs that believe this will give them a way to become competitive in this event once again.

The CAC believes that if even a small percentage of those operators went on the road and activated some new multipliers, it would certainly benefit the contest for all of the other participants stateside. An expressed concern that DXpedition scores distort the meaning of Club scores is something that the Awards Committee will have to consider when making their final decision on this matter.

**3. The CAC recommends, by a vote of 12 to 0 in favor, the addition of all bands above 10 Ghz to the ARRL 10 Ghz contest.** The CAC feels that this contest, although not heavily participated in now, provides an excellent forum for experimentation. Given that there exists a fair amount of spectrum above 10 Ghz

but that it clearly is not populated enough to merit a separate event, this would seem to be an excellent way for the ARRL to foster experimentation through a competitive event. This seems like a no-lose proposition for the ARRL.

**4. The CAC recommended, by a vote of 11 to 4 in favor, to the Awards Committee that the Unique+Activated (U+A, see text below) Rover Scoring proposal be adopted in time for the running of the January 1996 ARRL VHF Sweepstakes, and that it be used for all ARRL contests that include a rover scoring category.** This proposal was based on the results of an extensive poll (464 responses, including 437 ARRL members), which was sent to every entrant who submitted a log in an ARRL VHF contest over the last three years.

[At press time, the Awards Committee had already unanimously voted to accept this recommendation - '2R].

The CAC further recommended that rover scores continue to be included in Club Aggregate Competition scores (as before) and that the family rule exception continues *not* to be applied to rovers (also as before). The proposed wording is as follows:

*Rovers only: Multiply total QSO points from all grids by the sum of activated grids and unique band-grids. (A unique band-grid is a grid square worked on one band from any grid square; in other words, if you work EM00 on 50 MHz from one grid, you may not count EM00 on 50 MHz again for multiplier credit. Each grid worked counts only once per band, just as in the fixed-location categories.)*

The proposed scoring method eliminates the incentive to grid-circle with another rover, without limiting the stations a rover can work or limiting the multiplier structure. Rovers can work other rovers for the same QSO point and multiplier values as any other station in the contest. Additionally, most current logging software can be used without modifications. Also, the committee believes that the U+A proposal will encourage rovers to equip themselves for additional bands and even act as an incentive to generally improve the quality of equipment taken on the road by a rover. This last fact will directly impact on the enjoyment of the contest by other participants as well because better equipped rovers will be able to work more distant stations in the search for multipliers. □

## Poop Deck

### Movers and Shakers

New work phone number for Mark,  
K1RX: (603)728-1268

New work phone number for Gary,  
K2AJY: (508)793-8101.  
E-mail: g1young@mecn.mass.edu

New email address for Andy, K2LE:  
abodony@ix.netcom.com or  
73003.523@compuserve.com

New address for Barry, KA1CLV:  
6 Prospect St., Maynard, MA 01754

New address for Krassi, KD1ZA:  
1063 Massachusetts Ave  
Arlington, MA 02174-4310

New phone numbers and email address  
for Romeo, AH0M et al:  
Home phone: (718)445-9212  
Work phone: (718)358-1810  
2019275@mcimail.com

New address/phone for Mark, KF1V:  
141 Crow Lane  
Newburyport, MA 01950  
Home phone: (508)463-9755  
Work phone: (617)238-7584

New mailing address for Clinton, WS1V  
(same location):  
P. O. Box 132  
Dublin, NH 03444-0132

New work phone number for Howie,  
WB2CPU: (508)938-3158

New address/phone for Mark, AA2Z:  
35 Partridge Landing  
Glastonbury, CT 06033  
Home phone: (203)659-2645

New work phone number for Dan,  
W1QK, is (203)567-7410.

New email address for John, W3IQS, is  
mcbeath@attmail.com.

New home phone number for Mike,  
WM1K: (617) 271-1423. His Email  
address is mperry@tiac.net.

New school and Email addresses for  
Dave, KA1NCN:  
P.O. Box 672  
Annandale-on-Hudson, NY 12504  
dc422@bard.edu

### MEETING DATE CORRECTION

The next meeting is **Sunday, October 15**, not Sunday, October 14, as incorrectly stated in the last Butt.

### New Crew

Please welcome these new and returning  
members who joined at the July meeting:

William H. Davis, KB1AXF  
(also G0VZG)  
21 Newcastle Drive #10  
Nashua, NH 03060  
Phone: (603)888-1611  
email: whd-inc@ultranet.com

George Woods, K1DX  
3 Harriet Lane  
Shrewsbury, MA 01545  
Home phone: (508)842-2202

Dave Malley, K1NYK  
26 Fiano Rd.  
Bolton, CT 06043  
Home phone: (203)645-0025  
Work phone: (203)565-0083

Bill Ohm, WA1TTE  
169 Nagog Hill Rd.  
Acton, MA 01720  
Home phone: (508)263-4114  
Work phone: (617)969-0600

Terry Banville, N1TZW  
30 Sleepy Hollow Rd.  
Atkinson, NH 03811  
Home phone: (603)362-4193  
Work phone: (508)536-7855

Ted Perry, W1WFFZ  
38 Maple Root Rd.  
Coventry, RI 02886  
Home phone: (401)397-8865  
Work phone: (401)729-2431

### CQWW Awards Program Charlie Morrison, WZ1R

CQ WW is just around the corner! The club totals from our ARRL DX efforts and the FRC reported score totals may have held up, but, in 1996 WE ARE going to beat them!

There will be a full awards program similar to the recent ARRL DX contest program that YCCC ran for the '95 CQ WW! YCCC endorsed Certificates by KB2R and a plaque program ! The award levels will be:

- Certificate for 250 Qs/100 Qs over both weekends (Endorsed for 250k/500k/750k/1M points)
- Plaque for 1M points (total)

Sponsors & contributors contact WZ1R, AA2DU, KQ1F or any officer. ☐

If you haven't heard by now.....

### Cycle 23 is here!!

PASADENA-The first sunspot in the new sunspot cycle was identified on Saturday, August 12, by astronomers at the California Institute of Technology's Big Bear Solar Observatory in Big Bear City, California. The new sunspot marks the end of the sun's quiescent period and the beginning of a new surge of sunspot activity.

"This makes us happy," said Hal Zirin, professor of astrophysics at Caltech and director of the Big Bear Solar Observatory. "The sun is a lot more interesting to study when things are going on."

Sunspots are relatively dark spots that typically appear in groups on the surface of the sun. They are associated with strong magnetic fields and with solar flares, and follow an approximately 11-year cycle of increasing activity followed by a slow decline into a quiescent period.

Early in the cycle, sunspots appear rarely and at relatively high solar latitudes around 30 to 35 degrees, then increase in frequency and appear at lower latitudes until they reach sunspot maximum. After this peak in activity, the number of sunspots slowly declines, and they appear ever closer to the sun's equator until they reach a relatively quiet phase called sunspot minimum.

There is typically some overlap between successive sunspot cycles. As the last sunspots of one cycle appear near the equator, at latitudes of about 7 degrees, the next cycle starts again with sunspots near 30 degrees, but with the magnetic polarity of the new spots reversed.

That's exactly the point the sun is at now; it has been in a quiescent period through much of 1994 and this year, with a few spots showing up near the equator. The new sunspot photographed on Saturday appeared at a solar latitude of 21 degrees, and its magnetic polarity is opposite to that seen over the last decade, a key to identifying it as the manifestation of the start of a new cycle.

(continued)

## Poop Deck continued

This new sunspot appeared a bit earlier than astronomers expected. Typically, as a solar cycle winds down, late bursts of sunspot activity will appear near the equator before the new cycle starts. Scientists had seen these late pulses of sunspots in 1984, but saw little late activity this time and therefore expected an early beginning to the new cycle, but not this early.

Sunspots in the new cycle should rapidly become more common and reach a high level of activity in 1998 or 1999. ☐

### WRTC-96 News

REDWOOD CITY, CA, Sept 12 - The Northern California Contest Club (NCCC) announced today the rules of competition for the World Radiosport Team Championship (WRTC-96) which will be held in the San Francisco Bay area the weekend of July 13 and 14, 1996. Commenting on the rules, NCCC President Ken Silverman, WM2C said "Since WRTC-96 will take place in conjunction with the IARU HF World Championship, we tried to use the existing rules of that contest as much as possible. Of course, we had to make a few modifications to accommodate the unique aspects of the WRTC. Our special rules, however, apply only to the 52 teams competing in WRTC-96 and do not effect anyone else competing in the IARU HF event."

The unique rules for WRTC-96 are that each of the fifty-two teams will compete as a two-person, multi-single entry running a maximum of 100 watts output. Operating times will be limited to 12:00 UTC Saturday, July 13 through 06:00 UTC Sunday, July 14 (six hours less than the IARU Championship). Teams will utilize only the 40, 20, 15 and 10 meter bands with no operation on either 80 or 160 meters. The same station may be contacted on both ssb and cw on each of the four bands, with ssb QSOs counting 1 point and cw QSOs counting 2 points. All cw contacts must be made in the lowest 100 kHz of each band. Multipliers will be the sum of DXCC Countries plus ITU Zones plus IARU HQ Stations.

The WRTC, first held in Seattle, WA in 1990, pits two-person teams comprised of some of the world's top operators in a head to head competition. To emphasize

operator ability, each team runs the same amount of power and operates from stations having similar terrain and antenna systems and located in the same geographical area.

For additional information about WRTC-96, contact Rusty Epps, W6OAT at 651 Handley Trail, Redwood City, CA 94062, USA or via e-mail at epps@netcom.com. ☐

### Rules: California QSO Party

**[Finally, this year, the CQP is NOT on a YCCC meeting weekend! Let's all get on, shock the hell out of them, shake the bugs out of our stations for CQWW, and win a bunch of wine bottles! Bring a copy of your log to the October meeting and you may even win a bottle of wine from AA1AA, since we all know how slow the real prizes are - '2R]**

Sponsored by the Northern California Contest Club, 1600Z Oct 7 to 2200Z Oct 8. 160 to 2 meters, excluding the 30, 17, and 12-meter bands.

Classes:

- single operator
- multi-op single-transmitter
- multi-op multi-transmitter
- California-county expedition
- mobile
- Novice/Technician

**Exchange:** QSO no. and California county or state/province/DXCC country.

Work stations once per band/mode. California stations may be worked again as they change counties. California stations on county lines count as one QSO but multiple counties.

Single operators are limited to 24 hours. Time-off periods must be at least 15 minutes and noted in log. For multi-single only: band/mode changes must be at least 10 minutes apart. Single-operator and multi-single stations are allowed only one transmitted signal at a time.

CW QSOs must be outside the phone subbands, except for 160 meters. No repeater or MCW QSOs.

CW -- 1805 and 40 kHz up from low end; Phone -- 1.850 3.850 7.230 14.250 21.300 28.450;

Novice -- 10 kHz up from band edges and 28.450.

Try CW on the half-hour; 147.54 at 2000Z, 0000Z, 0400Z; 160 at 0500Z; 75/80 at 0300Z and 0700Z.

**Scoring:** Phone -- 2 points, CW -- 3 points. Multiply QSO points times number of California counties (max 58). California stations multiply by number of states and VE call areas (max 58). Awards include entrant-funded T-shirts. Entries with more than 200 QSOs must include a dupe sheet.

Logs may be submitted electronically by E-mail in ASCII or on disk in CT-BIN format and must include a summary page. Submission deadline is Nov 15.

Send entries via e-mail to cqp-1995@kb.org or via postal mail to NCCC, c/o Ken Anderson, K6PU, PO Box 853, Pine Grove, CA 95665. ☐

### Peru Fall Schedule

Dave Robbins, KY1H

Below is the plan for the fall contests from KY1H. If you wish to help out with any of the multi op weekends contact the organizers listed. If there is a contest you want to try on one of the other weekends let me know, my station is usually available.

<u>CONTEST</u>	<u>DATES</u>	<u>ORG</u>	<u>CLASS</u>
CQWW SSB	10/28-29	KB2HUN	M/M
SS CW	11/4-5	KB1W	M/S
SS SSB	11/18-19	WM1K	M/S
CQWW CW	11/25-26	WM1K	M/M
ARRL 160	12/2-3		
ARRL 10	12/9-10	KY1H	M/S

If there is no contest going on and you just want to try being loud, I am usually open for visitors to come and operate.

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

## THE CLUB RESOURCES PAGE

### The Place to Find Club Information

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

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

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

**SCUTTLEBUTT SUBSCRIPTIONS** Anyone may subscribe to the club newsletter, the Scuttlebutt. A subscription currently costs \$10 per year. At the present time, overseas subscriptions cost the same as domestic (we have very few overseas subscribers). The subscription period begins at the beginning of the club year, in April. New subscribers who begin their subscriptions after the December issue are considered to have paid for the following year (that is, they receive as many issues as new members joining at that time do). You can tell if your subscription is current by checking your 'Butt mailing label. The grace period for late subscriptions is the same as for late memberships.

**SCUTTLEBUTT ARTICLES** should be sent to the Scuttlebutt editor, Leonard Kay, KB2R, preferably by E-mail at lkay@pria.com or lkay@lynx.dac.neu.edu, or on 3½" disk (in MSWord format or text file) by snail mail to 6R Johnson St., Woburn, MA 01801. The deadline for each issue is the 10th of the preceding month.

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

**CLUB APPAREL** Len, KB2R, coordinates group purchases of club jackets and polo shirts. Contact Len for price info or see the order form which is periodically printed here on the Resources Page. T-shirts are available at meetings.

**CLUB QSL CARDS** are ordered through John Dorr, K1AR, 8 Anchor Lane, Mt. Sinai, NY 11766. To order, send John packet mail, or E-mail at p00259@psilink.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 \$54 for 2000 cards. Normal turnaround is 30 days after approving proof.

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

**CONTEST SCORES** are sent to the club scorekeeper, Charlie Morrison, WZ1R.

**INTERNET REFLECTOR** There is an Internet mailing list for YCCC members. To subscribe, send mail to yccc-request@eng.pko.dec.com. Include the single word SUBSCRIBE in the body of the mail message.

**CLUB 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. If you want a new copy of the club roster, contact the club secretary/treasurer, Charlotte Richardson, KQ1F, 11 Michigan Drive, Hudson MA 01749, home phone (508)562-5819.

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

**W1 QSL BUREAU** is sponsored by the YCCC. Keep your account up to date with SASEs, or send a check. Stamps are sold at face value, envelopes are 10 cents each. Address: W1 QSL Bureau, YCCC, PO Box 80216, Springfield, MA 01138.

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

## Upcoming Meetings

Date	Place
October 15 (Sun)	Sturbridge, MA
December 9 (Sat)	Sturbridge, MA
February 4, (Sun)	Sturbridge, MA
April 6, (Sat)	Sturbridge, MA
June 1 (Sat)	Sturbridge, MA
October 5, '96 (Sat)	Boxboro, MA
December 8, '96 (Sun)	Sturbridge, MA

## Ship's Log October, 1995 Issue 119

<b>Captains' Cabin</b>	JP Kleinhaus, AA2DU.....	1
<b>October Meeting Agenda</b>	Luigi Giasi, AA1AA.....	1
<b>Busy all the Time</b>	Dick Pechie, KB1H.....	2
<b>Secretary's Reports</b>	Charlotte Richardson, KQ1F..	3
<b>A \$50 Beverage</b>	Randall Thompson, K5ZD.....	3
<b>Tune your Tower</b>	Jack Schuster, W1WEF.....	3
<b>Amidships</b>	Leonard Kay, KB2R.....	4
<b>CAC Happenings</b>	JP Kleinhaus, AA2DU.....	4
<b>Poop Deck</b>	.....	5

---

**The next meeting of the Yankee Clipper Contest Club will be held on Sunday, October 15** at 1:00 PM at the Host Hotel in Sturbridge, MA, near the intersection of I-84 and I-90. To get to the Host Hotel, exit I-84 onto Route 20 West. Go through two sets of stoplights and turn right just before the Burger King into the hotel parking lot. See you there!

**October Meeting Program (see page 1) Includes..... A TS-870 demo! Polo shirts!**

**Get QRV for the CQP! (see page 6)**

The YCCC Scuttlebutt  
 6R Johnson St.  
 Woburn, MA 01801

FIRST CLASS MAIL