



**Publication of the
Northern California
Contest Club**

Issue 553

June 2018



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Joint NCCC & MLDXC Meeting Saturday 28th July

11:30 am Social Hour, 12:30 PM Lunch 1 PM Program

Location

TBD

Program:

TBD

Watch the reflector for more information !

President's Report

Have you seen them? Heard them? New contesters! They are all around us, joining us. We have welcomed several new members recently, and many more are interested. Not just in NCCC, but in contesting as well. Perhaps its Field Day, a well-proven breeding ground for contesters, perhaps its local clubs doing things together. Maybe something else grabbing new hams attention. But make no mistake, there are new hams interested in our favorite part of the hobby. Isn't it wonderful? Perhaps the death call of radiosport is premature after all.

There are many questions being asked - "How do I find out the exchange?", "How do I determine what band to operate?", "How to plan?". All things we have each learned along the way. Some of us were lucky to have others near by to answer questions, while other stumbled into the answers, not so gracefully. We have a tremendous opportunity to help out here, teaching and mentoring new contesters as they come into our favorite part of the hobby. Some invitations will be needed for multi-op (at first), then allowing them to operate our stations (as others did for us years ago). I have to stop here and thank NW6P for inviting several ops into his great station, as well as N6RO and many, many others. Tom, Ken and others have done more than just allow folks in, but instead have shown them the ropes, providing suggestions for ways to do things better and improve their scores and at the same time, our scores.

Continued on page 3



Northern California Contest Club

Excellence In Amateur Radio Contesting

Officers:

President	Jack Brindle	W6FB	jackbrindle@me.com
Vice President /Contest Chair	Chris Tate	N6WM	ctate@ewnetinc.com
Treasurer	Tom Carney	K6EU	treasurer.nccc@gmail.com
Secretary	Ian Parker	W6TCP	secretary.nccc@gmail.com
Past President	Bob Hess	W1RH	w1rh@yahoo.com
Director	Rick Tavan	N6XI	rick@tavan.com
Director:	Bill Haddon	N6ZFO	n6zfo@arrl.net
Director:	Bill Fehring	W9KKN	bill+nccc@w9kkn.net

Volunteers:

New Member Mentor	Al Rendon	WT6K	wt6k@arrl.net
Charter Member	Rusty Epps	W6OAT	w6oat@sbcglobal.net
Awards Chair	Gary Johnson	NA6O	gwj@wb9jps.com
CQP Chair	John Miller	K6MM	k6mm@arrl.net
K6ZM QSL Manager	George Daughters	K6GT	k6gt@arrl.net
K6CQP,N6CQP,W6CQP QSL Mgr	Ed Muns	W0YK	w0yk@arrl.net
NCCC Email reflector Admin	Phil Verinsky	W6PK	kb-w6tqg@verinsky.com
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Webinars	Bill Fehring	W9KKN	bill+nccc@w9kkn.net
JUG Editor	Ian Parker	W6TCP	w6tcpian@gmail.com

Thursday Night Sprint:

The Northern California Contest Club sponsors Thursday evening (NA local time) contest practice sessions of 30 minute duration.

On the Thursday (and, sometimes Friday also) prior to a major contest weekend, the practice format follows the upcoming contest.

Generally, on other Thursday evenings, a special format is followed, called NS or "NCCC Sprint". The NS began in the summer of 2004 as a snappy, concise contest occurring most Thursday nights, North American time. The power limit is 100 watts.

Thursday Night Contesting Director and Founder
 NCCC CW Sprint
 NCCC RTTY Sprint
 NCCC Sprint Ladder
 Sprint Web master www.ncccsprint.com

Bill, N6ZFO
 Tom, N3ZZ (initially, Ken N6RO)
 Ken, K6MR
 Bill, N6ZFO
 John, K6MM.

non-NCCC:
 Thursday night Contesting Advisory Group:

Tim N3QE (Ladder Scores manager)
 N6ZFO, Bill (Chair)
 Mark K6UFO, (with W4NZ, N4AF, W9RE, K4BAI, N3BB and W0BH).
 Ken, N6RO

The Thursday night NCCC Net

Now its our turn. We need more of us to pitch in and help out. Whether its a program on how to read contest rules or learn about propagation, there are opportunities for teaching sessions and programs. Opening up our shacks to newcomers to help them better their skills. Perhaps we will find out who the next Locust might be (yes, I know, there is only one Locust!) - be sure to keep that fridge stocked, just in case!

So what are we really looking for? Starting with the basics - as previously mentioned, how to read contest rules. How to predict propagation and when to operate on each band. What difference do sunspots make? How to run? When calling CQ, when is it time to QSY? How do we use the logging program or some particular feature? These are all questions I fielded (and tried to answer) at Field Day both while operating and afterwards. The These new folks are very curious, and they are going to be very good, pushing us to either do better or be amazed at how much better they are than us.

There are many opportunities for sessions - besides the monthly programs, we are looking at reviving the NCCC webinar program. This would allow us to save the webinar so that they can be re-played when more convenient for each viewer. Would this be enough? Probably not. Perhaps it is time for smaller teaching sessions hosting maybe a dozen curious students, where one-on-one teaching and mentoring can occur. Several of these could be held periodically with various teachers, perhaps even in various locations at the same time.

And, of course, you may wish to open up your station, whether it be super or modest, for folks to get a better feel for contesting. Remember, once one is addicted to our contesting affliction it can last for life!

WRTC is at hand!

We are just a few weeks fro WRTC and IARU. Held the weekend of the 14th and 15th, there are quite a few NCCCs heading to Germany to participate in some fashion at the WRTC event. Some are ops, judges, or perhaps just spectators. We wish well to all, and have great hopes that one of our members will bring home the gold medal!

Whether you are going or not, you can participate as well. WRTC coincides with IARU so as to give the WRTC participants a real contest to work with. That's where we come in. IARU is a wonderful contest with world-wide participation, which includes us. Jump in and operate. See how many of the WRTC stations you can work. Paraphrasing the Pokemon craze, "You gotta work em all!"

Note to the WRTC participants. Please reserve the second Tuesday of August for the NCCC meeting where we plan to hold a panel discussion of your experiences at WRTC. Your presence will greatly enhance that discussion!

In case you have been following the W6FB tower project, the concrete is pretty much cured and ready for the tower. The goal is to have the house bracket fabricated and mounted by the time IARU hits so that I, too, can use the new antenna system in the fray. It's been a long time coming, and I can't wait to finally run with a decent antenna!

73,

Jack, W6FB

Kip Edwards, W6SZN SK



Born in Wichita, Kansas in 1947, Kip was first licensed as KNØPID at the age of 11. Along with his older brother Craig, KNØPHC, they built a 40 meter transmitter and a Heathkit AR-3, strung up a longwire and were on the air. The family moved to Washington state and Kip became KN7GGC and later K7GGC. Golf, girls and college soon replaced amateur radio.

Newly married in 1968, Kip and his wife moved to Berkeley where he graduated from the University of California at Berkeley School of Law (Boalt Hall) in 1971. After a stint as a Teaching Fellow at Stanford Law School, Kip joined a major law firm in San Francisco as an associate in 1972 and became a partner in 1978.

Ham Radio Outlet had its main store at the time next to the railroad tracks in Burlingame, California. Intrigued by the big antennas on the roof of the building as he rode the commute train to and from work, Kip visited the store and came away with a Kenwood receiver. It was 1976 and everyone was signing what sounded like exotic DX calls but which were really only stateside stations. In short order, Kip passed the Amateur Extra exam and became W6SZN.

The contesting and DXing bugs bit soon, and hard. Kip was a member of the Northern California Contest Club and served as President and editor of The JUG, the club's newsletter. He was honored as Contester of the Year in 1982. He was also a member of the Northern California DX Club and served as that club's President and received the club's DXer of the Year award in 1988. Kip was on the DXCC Honor Roll and held 9BDXCC and 5BWAS.

DXpeditions include 3D2XX Rotuma (first to activate the new country in 1988-awarded World Contest Expedition by CQ Magazine), F0XX Clipperton (1986), F00KP (1981), VP5KP (1982—10th in the world CQWW S/O SSB), TI1C (1983—First in the world CQWW M/M SSB), G4/W6SZN (1983), FM/W6SZN (1984-8th in the world CQWW S/O CW) and P40V (1987).

Kip was a Director and Secretary of the Northern California DX Foundation and served as Editor of the NCDXF Newsletter and the WWDXC Totem Tabloid. He was a Director and Secretary of The Yasme Foundation, Life Member of the ARRL, Life Member of CW Ops, the Maxim Society of the ARRL, and a member of the Northern California Contest Club, the Northern California DX Club, the Western Washington DX Club, and a founding member of the Kitsap County DX Club. Additionally, Kip had been an ARRL Volunteer Counsel and a Vice Director of ARRL's Pacific Division."

Members Corner - Bill WB6JJJ



I was surprised and honored to receive the plaque. It will definitely go on the wall. And, thank you again from up here at the center of the NCCC circle.

Bill Maurer
WB6JJJ

ARRL Field Day - WE6Z



Doug WE6Z operated field day with the World Radio Club W3WRC. We operated from Meadow Lake Campground at 7300ft. That's about 20 miles outside of Truckee. We operated 2A with a 270ft Loop and a Force 12 C3 on my 33foot Tower trailer.

We made 421 QSOs, and had an awesome time camping. Band conditions were a little rough, so 20 meters and 40 meters were the best bands.

WE6Z- Field Day



WE6Z- Field Day





VP/CC Corner
Chris Tate – N6WM

Climbing back to the top – Regaining NAQP Challenge Dominance

Greetings Team! Here we are in the middle of the summer, in between the primary contest seasons. Although there are a number of interesting contest activities during the “in between”, it is summer and conditions can be tough, particularly in the waning portion of the solar cycle.

When conditions dip like this, maintaining a solid focus on domestic contests is a great way to keep the fast paced action going. As you have probably seen, the last couple of years we have been having some challenges being a top competitor in the NAQP Club challenge. Its time to start talking about how we can get some of our magic back, and this is how I think we may be able to do it.

The NAQP tri-club challenge is broken down into 6 heats throughout the year. They are broken down into winter and summer Phone, CW and RTTY contests. We need to have a commanding presence in all of them to compete effectively. With this many heats to participate, we absolutely need to do this as a supplement to whatever main program focus contests occur during the year. It takes a lot of bandwidth to co-ordinate efforts like our last RTTY roundup event, and as it turns out I have had to do most of the coordination for many of the NAQP's as well. This is tapping me out a bit so I wanted to come to our membership for help.

What can you do? We are looking for a few good contest Champions!

Many of you notice the continual dedication Bob W6RGG has put into supporting the NA Sprint CW. Operating completely independently of the existing BOD currently in office, Bob has taken ownership of managing contest participation and registration. He has become extremely familiar with the process, and the players and what is needed to win. It shows as we regularly end up in the winners circle and at a minimum the top 3. We need to apply this model to the NAQP contests, and rather than register for these events re-actively, we need to be registering pro-actively!

So, what I would like to announce are the following 3 NCCC NAQP Contest champion positions that we need to fill, the sooner the better.

Position description: NCCC NAQP Challenge Contest champion

The NAQP contest champion will be aware of upcoming NAQP contests and recruit for them pro-actively. Ideally there will be one champion in charge of both contests within a specific mode within the year. The Champion will take note of dates for both in mode contests, and will handle recruitment of team members for participation, preferably developing a keen awareness of operator ability. This champion will also look for new participants, and work with folks to become comfortable enough to have fun and be competitive in the 2 annual events for that mode. As the contest approaches, they will assemble the NCJ teams, and make the team registrations. After the contest they will compile the list of participants and ensure their logs are both submitted to 3830scores.com, and the National Contest Journal for adjudication.

This will be very reasonable time commitment, with a HUGE potential impact on our ability to do well in this challenge. Being able to pro-actively develop participants in all 3 heats twice a year may just give us the boost and preparation to prevail and KB in the NAQP Challenge!

Available NOW!

NAQP RTTY Champion

NAQP CW Champion

NAQP SSB Champion

Our ability to win this challenge goes beyond the capability of any particular years Leadership administration. Our desire to win as a team relies on the participation of our membership, and part of that are folks willing to step up and do some of these tasks that can be fun and very rewarding! So consider being an NCCC NAQP Champion, and help bring home the NAQP Challenge trophy!

73 es KB

Chris

N6WM

VP/CC



June NCCC Meeting

The March meeting took place on Tuesday 12th of June at Sansar Indian Cuisine (formally Sneha) 1214 Apollo Way, Sunnyvale, CA 94085. Thirty One members and guests turned out for the excellent presentation by Jim K6EI on “Using Field Day to Beta Test your next CQP Expedition”!

These in attendance:

Bill AE6JV, Andy AE6Y, Bill AI6JZ, Jerri AI6TK, Amy AI6ZU, Bobby K0XI, Jim K6EI, Tom K6EU, Don K6GHA, George K6GT, John K6MM, Bob K6XX, Jim K9YC, Giuseppe KE8FT, Brian KJ6WH, Tom N3ZZ, Ric N6AJS, Dean N6DE, Greg N6GD, Rich N6KT, Bob N6TV, Tom NW6P, Ed W0YK, Max W6BG, Jack W6FB, Glen W6GJB, Steve W6IFN, Rusty W6OAT, Ian W6TCP, Bill W9KKN, and Mike WA6O







2018/2019 Dues

Dues renewals for 2018/2019 are \$24 for full members and \$12 for associate members (outside of the club circle). Dues are not mandatory. However, like every club, we have expenses that need to be paid and awards are only issued to paid members so please consider a paid membership. It's only \$24!

Member Planet is used to collect dues and you will shortly receive an automated reminder that dues are payable. You don't need a Paypal account and you can use a credit card to pay dues.

You can also pay for dues by check. Please mail \$24 to the NCCC Treasure, K6EU Tom Carney, 1545 Elwood Dr, Los Gatos, CA 95032

As we are now a 501(c)(3) non-profit organization your dues might be tax deductible to the extent permitted by law. However, check with your tax professional for advice on your specific case.

To log in to Member Planet : Go to <http://nccc.cc/membership.html>

Scroll to the sign in button



Log in using the credentials you signed up with

Log in to MemberPlanet

[Forgot your password?](#)

Select the Blue Renew Button



Ian Parker
w6tcpian@gmail.com

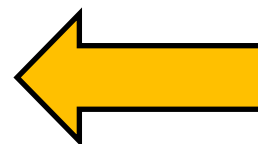
My member levels



Northern California Contest Club

Due date: 7/1/2019

Renew



If you need help, contact Ian W6TCP w6tcpian@gmail.com

Antenna Pruning—The Easy Way

Hank W6SX

It's summer. It's time for antenna work. Here's a hint.

Use a pigtail.

Make the main part of your wire antenna a bit shorter than you calculate it should be. Make the main wire plus the pigtail a bit longer than you calculate it should be.

Using a SWR meter or antenna scope, trim the pigtail as needed



Maxwell won't care. The electrons won't care. The guys you work won't care.

Point Generator Profile Bob, W1RH

It is truly a pleasure to feature Frank, W6JTI, as our Point Generator Profile this month. I have so much respect for a guy, like Frank, who can generate serious points for the club with QRP power. He's participated, on behalf of NCCC, in numerous NAQP's, 160 meter contests, CQP, 7QP, WPX, and many others including VHF contests. I noted, below, that Frank has 271 countries worked with 5 watts! Truly amazing!

Now, more from Frank:

Name/Call Sign: Frank Letton W6JTI

Past calls: K4RAD (1957-1968)

Location: Solar powered hamshack on neighbor's property in Humboldt County, CN80. Home is 3 miles from there in Mendocino County (CM89). My home is solar powered and so is my Chevy Volt.

How much property do you have? My home: 12 acres of steep country Only wire antennas at home. I don't do much hamming from home because I live in a deep valley, called Whale Gulch, 1.5 miles from the sea.

Describe your antenna system: at mtn top hamshack:

South tower – 4 el 20m yagi, 5 el 15m yagi, 3 el 10m yagi;

North tower – 3 el 20m yagi interlaced with 3 el 15m yagi, 3 el 10m yagi in front on same 32' boom

30m dipole fed with ladder line used on 30, 17 & 12; fixed SW – 3 el 20m yagi interlaced with 3 el 15m yagi; fixed 10m yagis – SW, NW, East. 160m half wave dipole fed with ladder line – used on 80 & 160. In 160m contests I often fly a 4' diameter He balloon with 130' of wire.

Future: fixed SW 40m dipole

What's in your shack? Two K3's, 12V battery bank (4 6V L16's), bunk. I compete in 160m contests with 100W and a small generator to keep batteries up. In all other contests I use 5W and no generator.

What are your previous QTH's? Orlando, FL (until 1961 when I went to Ga Tech)

If you're working, what is your career? If not, what was your career? BS in Physics 1965 Ga Tech, RCA Labs 1965-66, MS Physics Syracuse Univ 1968. I taught high school math at the Urban School of San Francisco, 1971-1978. I owned and operated a commercial salmon troller out of Ft Bragg, CA, 1971-1983. Grew marijuana 1983-1989. I've done accounting work for Whitethorn Construction from 1989 until present. I'm the neighborhood electrician for my community's off grid homes. I just do troubleshooting.

Married? Kids? Grandkids? Divorced. Longtime lover Liz (34 yrs), who lives in Mendocino. One child Andrew (age 51) ME, one grandchild on the way.

How many DXCC entities have you worked? 339 current (100W) - need only North Korea; 271 with 5W

What's your favorite contest? CQWWCW

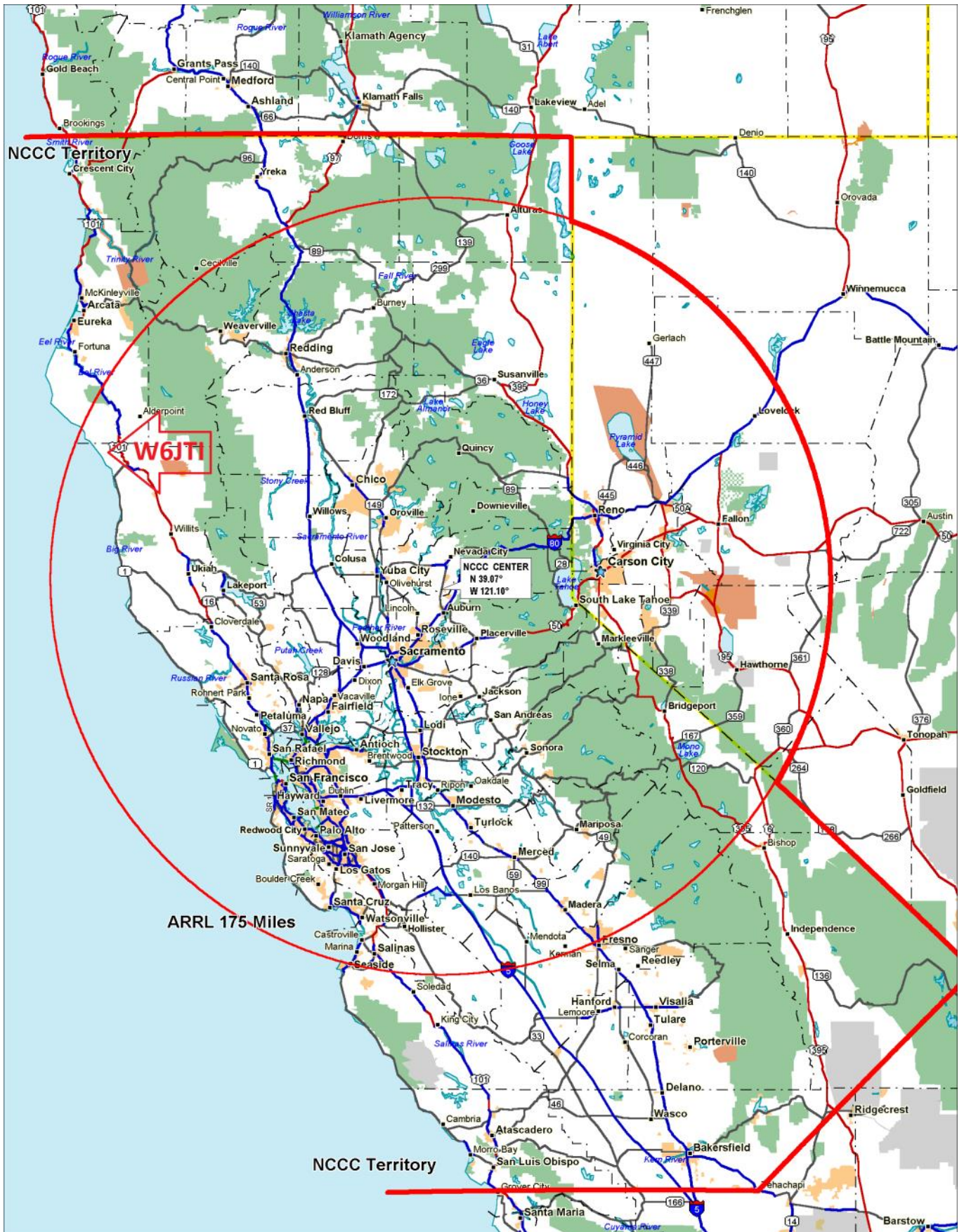
Any tips for contesters? Good antennas

Any other hobbies besides ham radio? Hiking, swimming









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NCCC Annual KB Competition Rules

Revised February 25, 2018



Purpose: To provide a means of rewarding NCCC members who are DX contesters, sprinters, VHFers, and especially active contesters in all modes.

Time period: The contest year starts at 0000 March 1 UTC. ARRL DX SSB is the first contest of the year. NAQP RTTY is the last.

Eligible contests: Currently, points from 38 contests are counted. See the table on the next page

Scoring: Score = number of contests in which you participated * sum of (points for each contest * each contest's multiplier). NCCC weekly sprints are special. Points for the entire year are added up, but it is only counted as a single contest.

Multi-ops: Points = total score divided by the number of operators.

Station owners: A station owner who does not participate in a particular contest receives 25% of the points.

Valid scores: Only scores posted to 3830scores.com are counted.

Brackets: There are four independent brackets for the purpose of awards: 1-Platinum, 2-Gold, 3-Silver, and 4-Bronze. Brackets are assigned at the beginning of the contest year according to your final position in the previous year's standings.

Awards: Paid NCCC members may receive awards.

Contact: Gary, NA6O. gwj@wb9jps.com

NCCC Annual KB Competition Table (Updated 2/25/18)

Contest	Month	Multiplier
ARRL DX Contest SSB	March	5
CQ WPX SSB	March	1
NA Sprint Spring SSB	April	100
JIDX CW	April	10
Florida QSO Party	April	20
7th Area QSO Party	May	20
New England QSO Party	May	30
CQ WPX CW	May	1
ARRL June VHF	June	200
All Asian CW	June	10
RAC Canada Day	July	10
IARU HF World Championships	July	5
NAQP Summer RTTY	July	50
NAQP Summer CW	August	50
NAQP Summer SSB	August	50
Kansas QSO Party	August	20
NA Sprint Fall CW	September	100
CQWW RTTY	September	2
NA Sprint Fall SSB	September	100
CQP	October	20
<u>Makrothen</u> RTTY Contest	October	10
JARTS RTTY Contest	October	5
CQWW SSB	October	1
ARRL Sweepstakes CW	November	15
JIDX SSB	November	20
ARRL Sweepstakes SSB	November	15
CQWW CW	November	1
ARRL 160 Meter Contest	December	50
RAC Winter	December	10
ARRL RTTY Roundup	January	50
NAQP Winter CW	January	50
NAQP Winter SSB	January	50
NA Sprint Winter CW	February	100
CQ WPX RTTY	February	1
ARRL DX Contest CW	February	5
NAQP Winter RTTY	February	50
NCCC Sprint CW	Weekly	50
NCCC Sprint RTTY	Weekly	100

TUBE OF THE MONTH

Visit the museum at N6JV.com

Norm N6JV

Visit the Museum: www.n6jv.com

The history of vacuum tubes is often the story of individuals and crazy ideas and not big companies. There are some tubes that were never made for the market, but their stories are well known by hams and tube guys.

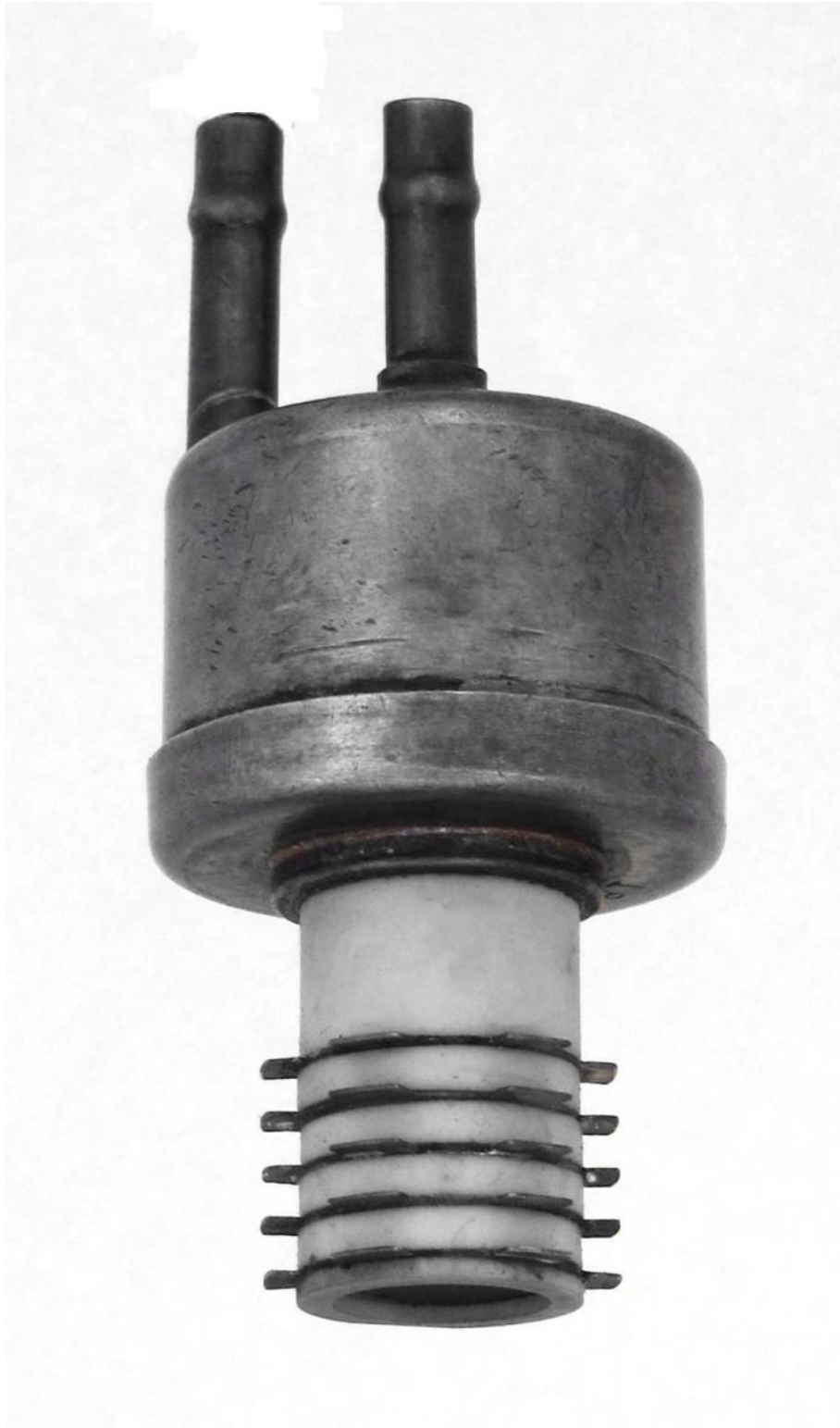
In the late 1940's and early 50's, Eimac was busy with new products that were very powerful and relatively small. The 4X150A family had been enhanced to handle dissipations of over 250 watts. These external anode tetrodes were very popular with the military and the hams. Eimac had made a variant of the basic 4X250A tube by replacing the anode with a water jacket and called it the 4W300B. As usual there is someone who wants something just a little different.

There was a well-known ham who used to work for Eimac until he went off on his own to expand and perfect a line of vacuum capacitors and vacuum relays. His name was Joe Jennings and my amplifiers are full of his products. Joe loved to experiment and had the idea of making a high power mobile amplifier and a remotely adjustable mobile whip (ever hear of the screwdriver?) to go in his late 1950's Cadillac (think big fins). Cooling the tube in the trunk was an issue and Joe wanted to use a water-cooled tube. The 4W300B was good but it would easily fall out of its socket without a special clamp and it wasn't designed for high vibration applications. About 1957, Eimac had developed the 4CX300A that was designed for high vibration military uses and had a breechblock socket that would secure the tube. It is unknown what the terms of the deal were with Eimac, but they made some special tubes for Joe that took the water-cooled anodes of the 300B and put them on new 4CX300A tubes. I was once told that with a water pump in the Cadillac to cool the tube, the water pressure could also be used to tune the whip. Some of this equipment is still found at swap meets and a few of the tubes have found their way into my collection.

TUBE OF THE MONTH

Visit the museum at N6JV.com

Norm N6JV



W7RN For Sale

See <http://www.w7rn.com/for-sale-7-18/>

The Comstock Memorial Station has received another equipment donation from a benefactor in Texas. We need to liquidate the equipment for our maintenance fund.

The equipment was stated to be in good working order. Much of it has detailed data on what was done to the equipment by the technician.

Smaller equipment can be shipped. Flat \$25.00 shipping charge. Big stuff is pickup only in Virginia City, NV.





All sales are final

tom@k5rc.com 775-847-7929

UPDATED 7/5/1

ELECRAFT REMOTE SOLD

FOR SALE
COMSTOCK MEMORIAL STATION

MFR	MODEL	\$\$	DESCRIPTION	NOTES	PHOTO
Johnson	KW	\$275	Matchbox	SWR/Rack Mount With Coupler	
Johnson	SWR	\$100	Remote SWR	With Coupler	
Collins	75S-1	\$250	Receiver		
Collins	KWM2A	\$750	Transceiver	No power supply	

FOR SALE
COMSTOCK MEMORIAL STATION

Collins	312B-5	\$500	Console	External VFO, SWR and Phone Patch with Power Sensor	
Collins	32V-3	\$500	Transmitter	Pickup Only	
Drake	SPR-4	\$200	Receiver	General Coverage Good Working Order	
Drake	R-4	\$200	Receiver	Good Working Order	

FOR SALE
COMSTOCK MEMORIAL STATION

Drake	R-4A	\$250	Receiver	Good Working Order	
Drake	TR-4	\$300	Transceiver	Good Working Order	
Drake	2B	\$275	Receiver	With 2BQ Q Multiplier Good Working Order	
Drake	AC-4	\$100 Each	Power Supply	2 each – like new	
Johnson	Viking Navigator	\$150	Transmitter	Good Working Order	

FOR SALE
COMSTOCK MEMORIAL STATION

Collins	KWS-1	\$2,000	Transmitter	<p>Professionally Restored Good working order. Cosmetically Excellent Pickup Only</p>	
Collins	75A-4	\$750	Receiver	<p>Partially Restored Cosmetically Good Good working order (RF gain pot needs replacing) Pickup Only</p>	

FOR SALE
COMSTOCK MEMORIAL STATION

The Comstock Memorial Station, W7RN
A 501c3 Not for Profit

FOR SALE

Elecraft K3/0 with RRC 1258 MKII Remote Interface
Power Supply and all Cables



Connected to the W7RN Host (Right)

S/N 0146 – Just back from factory reconditioning. Includes hand mike and box.
\$750 Shipped CONUS

Also have another RRC 1258 MKII Remote
No cables. Worked when last used
\$100 Shipped CONUS

Tom, K5RC tom@k5rc.com 775-847-7929
July 2, 2018



FOR SALE
COMSTOCK MEMORIAL STATION



ABR Factory Assembled 3' RG213 Type UHF jumpers. Quantity 10. \$100.00 shipped CONUS



WaveNode WN2 Remote SWR Bridge. With four 8KW Sensors
USB Connection to Computer. Software downloadable on line.
\$300.00 Shipped CONUS

NCCC Life Membership!

The NCCC Life member program was introduced for a flat fee of \$250. If you are interested in becoming an NCCC Life member, please contact Ian W6TCP at w6tcpian@gmail.com

80/20 Rule:

Members who have reached 80 years young and been a NCCC Member for 20 years are eligible for Honorary life membership. Contact Ian W6TCP at w6tcpian@gmail.com

CQP T-Shirts 2016 / 2017

We have a small number of T-Shirts left for anyone that wants one. They are \$15 each, available on a first come first served basis.

Available sizes:

2XL

XL

M

Contact Ian W6TCP at w6tcpian@gmail.com for details

BoD meeting minutes

The monthly minutes from the NCCC BoD meetings are available in the members only section of the NCCC website. See <http://nccc.cc/members/minutes.html>

JUG Articles Wanted!

Without your help we cannot reproduce a quality newsletter so please consider submitting a suitable article!

We welcome any and all relevant articles for inclusion in the JUG.

Deadline is 7 days before month end. Preferred format is MS Word, Arial 12 point and pictures should be full resolution. Send your material to Ian, W6TCP at w6tcpian@gmail.com Don't worry about the formatting, we can take care of that if necessary !



Contest Calendar— July page 1

RAC Canada Day Contest	0000Z-2359Z, Jul 1
10-10 Int. Spirit of 76 QSO Party	0001Z, Jul 2 to 2400Z, Jul 8
IQRP Quarterly Marathon	0800Z, Jul 2 to 2000Z, Jul 8
RSGB 80m Club Championship, CW	1900Z-2030Z, Jul 2
ARS Spartan Sprint	0100Z-0300Z, Jul 3
Phone Fray	0230Z-0300Z, Jul 4
CWops Mini-CWT Test	1300Z-1400Z, Jul 4 and 1900Z-2000Z, Jul 4 and 0300Z-0400Z, Jul 5
NRAU 10m Activity Contest	1700Z-1800Z, Jul 5 (CW) and 1800Z-1900Z, Jul 5 (SSB) and 1900Z-2000Z, Jul 5 (FM) and 2000Z-2100Z, Jul 5 (Dig)
SKCC Sprint Europe	1900Z-2100Z, Jul 5
QRP Fox Hunt	0100Z-0230Z, Jul 6
NCCC RTTY Sprint	0145Z-0215Z, Jul 6
NCCC Sprint	0230Z-0300Z, Jul 6
FISTS Summer Slow Speed Sprint	0000Z-0400Z, Jul 7
Venezuelan Ind. Day Contest	0000Z-2359Z, Jul 7
DL-DX RTTY Contest	1100Z, Jul 7 to 1059Z, Jul 8
SKCC Weekend Sprintathon	1200Z, Jul 7 to 2400Z, Jul 8
Marconi Memorial HF Contest	1400Z, Jul 7 to 1400Z, Jul 8
Original QRP Contest	1500Z, Jul 7 to 1500Z, Jul 8
PODXS 070 Club 40m Firecracker Sprint	2000Z, Jul 7 to 2000Z, Jul 8
4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Jul 9
Phone Fray	0230Z-0300Z, Jul 11
CWops Mini-CWT Test	1300Z-1400Z, Jul 11 and 1900Z-2000Z, Jul 11 and 0300Z-0400Z, Jul 12
RSGB 80m Club Championship, SSB	1900Z-2030Z, Jul 11



Contest Calendar— July page 2

QRP Fox Hunt	0100Z-0230Z, Jul 13
NCCC RTTY Sprint	0145Z-0215Z, Jul 13
NCCC Sprint	0230Z-0300Z, Jul 13
FISTS Summer Unlimited Sprint	0000Z-0400Z, Jul 14
IARU HF World Championship	1200Z, Jul 14 to 1200Z, Jul 15
QRP ARCI Summer Homebrew Sprint	2000Z-2300Z, Jul 15
Run for the Bacon QRP Contest	0100Z-0300Z, Jul 16
Phone Fray	0230Z-0300Z, Jul 18
CWops Mini-CWT Test	1300Z-1400Z, Jul 18 and 1900Z-2000Z, Jul 18 and 0300Z-0400Z, Jul 19
NAQCC CW Sprint	0030Z-0230Z, Jul 19
QRP Fox Hunt	0100Z-0230Z, Jul 20
NCCC RTTY Sprint	0145Z-0215Z, Jul 20
NCCC Sprint	0230Z-0300Z, Jul 20
Russian Radio Team Championship	0700Z-1459Z, Jul 21
Trans-Tasman Low-Bands Challenge	0800Z-1400Z, Jul 21
Jakarta DX Contest 40m	1000Z-2200Z, Jul 21
DMC RTTY Contest	1200Z, Jul 21 to 1200Z, Jul 22
Feld Hell Sprint	1200Z-1359Z, Jul 21
North American QSO Party, RTTY	1800Z, Jul 21 to 0559Z, Jul 22
CQ Worldwide VHF Contest	1800Z, Jul 21 to 2100Z, Jul 22
SA Sprint Contest	2100Z-2259Z, Jul 21
RSGB Low Power Contest	0900Z-1200Z and 1300Z-1600Z, Jul 22
CQC Great Colorado Gold Rush	2000Z-2159Z, Jul 22
SKCC Sprint	0000Z-0200Z, Jul 25
Phone Fray	0230Z-0300Z, Jul 25
CWops Mini-CWT Test	1300Z-1400Z, Jul 25 and 1900Z-2000Z, Jul 25 and 0300Z-0400Z, Jul 26
RSGB 80m Club Championship, Data	1900Z-2030Z, Jul 26
QRP Fox Hunt	0100Z-0230Z, Jul 27
NCCC RTTY Sprint	0145Z-0215Z, Jul 27
NCCC Sprint	0230Z-0300Z, Jul 27
RSGB IOTA Contest	1200Z, Jul 28 to 1200Z, Jul 29
QRP Fox Hunt	0100Z-0230Z, Jun 29
ARS Flight of the Bumblebees	1700Z-2100Z, Jul 29



NCCC Membership Information

If you wish to join NCCC, you must fill out an [application for membership](#), which will be read and voted upon at the next monthly meeting.

To join, you must reside within [club territory](#) which is defined as the maximum of:

- Northern California, anything north of the Tehachapi's up to the Oregon border, and
- A part of north-western Nevada (anything within our ARRL 175-mile radius circle centered at 10 miles North of Auburn on Highway 49).

JUG Articles Wanted!

Without your help we cannot reproduce a quality newsletter so please consider submitting a suitable article!

We welcome any and all relevant articles for inclusion in the JUG.

Deadline is 7 days before month end. Preferred format is MS Word, Arial 12 point and pictures should be full resolution. Send your material to Ian, W6TCP at w6tcpian@gmail.com Don't worry about the formatting, we can take care of that if necessary !

Northern California Contest Club Reflector—Guidelines

This reflector is devoted to the discussion of contesting.

This includes contests, station building, dxpeditions, technical questions, contesting questions, amateur radio equipment wants/sales, score posting, amateur radio meetings/conventions, and membership achievements.

This does not include personal attacks, politics, or off-subject posts which will be considered a violation of the Guidelines.

Violations may result in removal of the violator from the reflector and possibly from club membership in good standing.



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IC-7600 | All Mode Transceiver

- 100W HF/6m Transceiver, gen cov. receiver • Dual DSP 32 bit • Three roofing filters- 3, 6, 15kHz • 5.8 in WQVGA TFT display • Hi-res real time spectrum scope



IC-7200 | HF Transceiver

- 160-10M • 100W • Simple & tough with IF DSP • AGC Loop Management • Digital IF Filter • Digital Twin PBT • Digital Noise Reduction • Digital Noise Blanker • USB Port for PC Control



IC-7100 | All Mode Transceiver

- HF/50/144/430/440 MHz Multi-band, Multi-mode, IF DSP • D-STAR DV Mode (Digital Voice + Data) • Intuitive Touch Screen Interface • Built-in RTTY Functions



ID-5100A | VHF/UHF Dual Band Digital Transceiver

- Analog FM/D-Star DV Mode • SD Card Slot for Voice & Data Storage • 50W Output on VHF/UHF Bands • Integrated GPS Receiver • AM Airband Dualwatch • FM Analog/DV Repeater List Function

ID-51A | VHF/UHF Dual Band Transceiver

- 5/2.5/1.0/0.5/0.1W Output • RX: 0.52-1.71, 88-174, 380-479 MHz** • AM/FM/FM-N/WFM/DV • 1304 Alphanumeric Memory Chis • Integrated GPS • D-STAR Repeater Directory • IPX7 Submersible



TH-F6A | 2M/220/440

- Dual channel receive • .1 - 1300 MHz (cell blocked) RX • FM, AM, SSB • 5W 2M/220/440 TX, FM • 435 Memories • Li-Ion Battery

KENWOOD



TS-590SG | HF/50MHz Transceiver

- Equipped with 500 Hz/2.7 kHz roofing filter as standard • ALC derived from TS-990S eliminating spike issues • Antenna output function (shared with DRV connector) • CW - morse code decoder function



TM-D710G | 2M/440 Dualband

- V+V/V+U/U+U operation • Built-in GPS • Built-in TNC for APRS & DX-Cluster operation • 50W 2M & UHF • 1,000 memories • Dual receive • Green or amber backlight colors • Latest APRS firmware w/new features • Sky Command II remote functions



TM-V71A | 2M/440 Dualband

- High RF output (50W) • Multiple Scan • Dual receive on same band (VxV, UxU) • Echolink® memory (auto dialer) • Echolink® Sysop mode for node terminal ops • Invertible front panel • Choice of green/amber for LCD panel • 104 code digital code squelch



TM-281A | 2 Mtr Mobile

- 65 Watt • 200 Memories • CTCSS/DCS • Mil-Std specs • Hi-quality audio



FT-60R | 2M/440 5W HT

- Wide receiver coverage • AM air band receive • 1000 memory channels w/alpha labels • Huge LCD display • Rugged die-cast, water resistant case • NOAA severe weather alert with alert scan

YAESU
The radio



FT-991 | HF/50MHz/2M/440 Transceiver

- 160 M-440MHz - SSB/CW/FM/C4FM Digital/AM/RTTY/PSK • 100 W (2M/440: 50 Watts) • 3.5" TFT full-color touch panel operation • High speed spectrum scope • Roofing filters: 3kHz & 15kHz • 32-bit high speed floating point IF DSP



FTDX1200 | 100W HF + 6M Transceiver

- Triple Conversion Receiver With 32-bit Floating Point DSP • 40 MHz 1st IF with selectable 3 kHz, 6kHz & 15 kHz Roofing Filters • Optional FFT-1 Supports AF-FFT Scope, RTTY/PSK31 Encode/Decode, CW Decode/Auto Zero-In • Full Color 4.3" TFT Display



FT-450D | A100W HF + 6M Transceiver

- 100W HF/6M • Auto tuner built-in • DSP built-in • 500 memories • DNR, IF Notch, IF Shift



FTM-400DR | 2M/440 Mobile

- Color display-green, blue, orange, purple, gray • GPS/APRS • Packet 1200/9600 bd ready • Spectrum scope • Bluetooth • MicroSD slot • 500 memory per band



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