



**Publication of the  
Northern California**

**Contest Club**



Issue 527

April 2016



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**June - NCCC Meeting**

**Mark your Calendar  
Sunday 5th June**

11:30am to 2:30pm

**Venue:**

El Tapatio 40 Golf Club Rd  
Pleasant Hill, CA 94523

**Program:**

To be confirmed, more information to follow via reflector / May JUG

**President's Report**

Kello KB'ers!

I'm really fortunate to have two towers with some acceptable aluminum on them that sit on a fairly decent location. I'm also fortunate to have a couple of full gallon amps, an SO2R setup, neighbors far enough away with no interference, and a wife that understands ham radio and contesting.

I don't have a super-station.

I only mention this because I'm always amazed at what some of our members do on single lots, with a lot less than I have been blessed with. You've seen some of the Point Generator Profiles in the Jug. This month's profile features Bob, KR6N, who is one of those guys on a city lot that generates serious points for the club.

A few weeks ago, Burt, K6CSL, called me to let me know that he somehow got sent a plaque for NCCC. It seems that we won the club competition for the Arizona QSO Party. It's a win and we'll take it! Anyway, I told Burt that I could pick it up on the way to Visalia. Burt gave me directions but I really didn't pay much attention. I figured I'd just look for the tower. After all, Burt seems to generate points for most of our contests, so there must be a tower at his location, right?

**Wrong.....!**

Continued on page 3



# Northern California Contest Club

Excellence In Amateur Radio Contesting

## Officers:

President	Bob Hess	W1RH	w1rh@yahoo.com
Vice President /Contest Chair	Steve Dyer	W1SRD	w1srd@arrl.net
Treasurer	Dick Wilson	K6LRN	treasurer.nccc@gmail.com
Secretary	Ian Parker	W6TCP	secretary.nccc@gmail.com
Past President	Rick Karlquist	N6RK	richard@karlquist.com
Director	Rusty Epps	W6OAT	w6oat@sbcglobal.net
Director:	Rich Cutler	WC6H	wc6h@yahoo.com
Director:	Ron Castro	N6IE	ronc@sonic.net

## Volunteers:

New Member Mentor	Al Rendon	WT6K	wt6k@arrl.net
Charter Member	Rusty Epps	W6OAT	w6oat@sbcglobal.net
Awards Chair	Joanna Dilley	K6YL	joanna.k6yl@gmail.com
CQP Chair	Kevin Rowett	K6TD	k6td@arrl.net
CQP Certificates	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
Webmaster	John Miller	K6MM	k6mm@arrl.net
Webinars	Chris Hoffman	KG6O	choffma@gmail.com
JUG Editor	Ian Parker	W6TCP	w6tcpian@gmail.com
jug@nccc.cc			



### NCCC Net

Thursday 8 PM  
Freq: 3.610 +/-

### NCCC

Visit the meetings page of the NCCC website [here](#) for details of the next meeting

### 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. ([PDF application form](#))

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).

Burt lives in a mobile home park. Actually, it's a rather nice manufactured home, but on a VERY small lot. I went round and round and my GPS actually went nuts. It kept repeating something over and over. Basically, Burt's location crashed my GPS.

No tower, no GPS, so I just resorted to driving round and round until I found the address.

We had a nice chat, but the first question I asked was:

"Burt, where's the antennas? You generate points but you don't have antennas!"

"Oh, but I do", says Burt.

Burt continues to explain how he has a small vertical hidden behind the house, a loop wrapped around the ceiling in the ham shack, and a wire in the attic.

Oh, and he mentioned that he was sleeping when I knocked on the door. Seems he had been up late trying to work the EP2 (I think he was successful).

I love it when I see stations like this in our club. These guys will never score the points that can be scored from our big stations, but they score points and every point counts. These guys put up with noise, and being bullied by the big guys who may take over their frequency. They have to call multiple times to get that mult in the log. Our members, like Burt, really work for their points and deserve to be recognized.

As president of the club, it's important for me to see just what our member have to work with, when we encourage them to assist the club in a contest. I started the Point Generator Profile to recognize some of our smaller stations as well as our bigger stations, and as a way for our members to get to know some of their teammates in the outer reaches of our circle. If it hadn't been for the Arizona QSO Party plaque that got sent to Burt, chances are I would have never had the chance to experience Burt's station. I say "experience", instead of "see", because I never did see an antenna!

Visalia was a blast!

I want to thank Dave, K6KNS, and our NCCC Rookie of the Year, for organizing the club table this year. Dave also built a rack to hold our banner up high and proud! Dave and Joanna, as well as several of our members kept the table hopping. It was also nice to see Sandy, DL1QQ (who really deserves to be an honorary member), helping us out at our table as well as fund raising for WRTC 2018.

Even though it's officially a MLDXCC sponsored event, I want to thank Jeff, WK6I, for another successful Contest Dinner. The room was packed and the crowd thoroughly enjoyed Tom's, K5RC, entertaining talk, along with his pictures of some well known contestants in their younger days.

Finally, we can't forget Saraj, KU6F, and Alan,K6SRZ, for supplying the goodies (and pretty classy goodies I might add) for the NCCC hospitality suite. And, then there's the Tied House Brewmaster, Ron, W6RN, who, as usual, provided the brew, and Bob, K6XX, who was entrusted with getting it to Visalia cold! Oh, and there was also some great Twisted Oak wine, provided by Jeff, WK6I.

Thanks to one and all, and also thanks to John, K6MM, for arranging for the room and the refrigerator for Ron's brew.

Speaking of the Tied House, we had a large crowd at our annual Awards Banquet. Good food, good conversation, and a lot of award winners.

If you missed the Visalia International DX Convention, TV-Bob did his usual excellent picture taking as a way to bring the convention to you. Likewise, you can see the Awards Banquet via Bob's always-in-focus lens.

Our April meeting also featured the election of the 2016-2017 officers. Perhaps, I should say, re-election. We're the same group that ran the club in the 2015-2016 year, with the exception of our beloved Joanna, K6YL, who has decided not to go for another year as Secretary. In Joanna's place is our Jug editor, Ian, W6TCP, who volunteered to put his name on the nomination sheet as Secretary. Go figure; Ian, and the rest of us, actually got elected!

The Awards Banquet would not have been possible without the hard work of Kevin (K6TD – CQP awards), Ian (W6TCP – meeting arrangements, awards pickup/printing), John (K6MM - Power-Point), Dick (K6LRN – money man), Ron (N6IE – RTTY awards), and Bob (N6TV – pictures).

Also, congratulations to all of our members who were honored at the banquet with plaques, certificates, a hand-built key (provided by George K6GT for Bob K6XX), and a bottle of soy sauce (provided by Rusty, W6OAT, to the winning team of our internal All Asia completion)



K6GT Gifted Telegrapher Award to K6XX (photo Bob N6TV)

What about contests? We are a contest club, after all. Now that we have our 2016-2017 Board in place, we will get down to business as far as our contest focus is concerned. Steve, W1SRD, and I have some ideas, as do our Board members, and certainly we will listen to your ideas. I like to win, and I hope we can provide several ways for both the club and our members to win this year.

Oh, and one more thing.... I've been asked by several if we're going to have another BBQ this year. We would like to. I would like to see it at someone's station again this year - perhaps in the Santa Cruz area or REXDA territory.

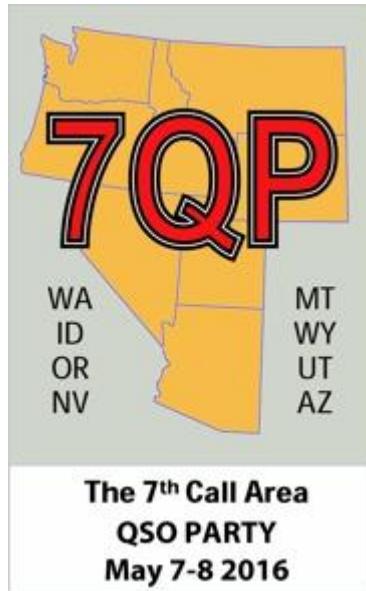
Suggestions welcome....

**Bill Spickler N0KQ**

Professionally I'm retired now after working in the pharmaceutical industry. I was at Syntex in Palo Alto in the 90's and then worked for three different start-ups before going to Denver. We did live in Sunnyvale for a while and in San Carlos where I had the call, NU6I but I wasn't able to be very active in Ham radio when I was working. We moved to Lake county eight months ago in order to get away from the snow. I'm very limited on antennas here but I'm looking forward to putting up some antennas with Bill, N6ZFO at his hilltop location. We do have children and grandchildren around the country but we're enjoying our peace and quiet with just the two of us now. Marilyn is an extra class ham, KD0PZ but is no longer active in radio but very tolerant of my activities.

I'm looking forward to meeting more of the NCCC members and participating in the club activities.

Bill Spickler  
N0KQ



## **7QP will be May 7-8, 2016**

The 11th running of 7QP will be May 7-8, 2016. I am proud to have been one of the founders of 7QP as it is now the third largest state/regional QSO party in the Country.

I am also contrite in not having the time over the last few years to effectively be the Nevada State coordinator and solicit everyone to get on and activate all 17 counties.

- It is a fun one-day operating event where you are the DX
- It is an excellent opportunity for emergency communications preparedness
- It is a great way to “see Nevada” with County mobile or portable DX-Peditions

Full rules are at <http://ws7n.net/7QP/new/Page.asp?content=rules>

I will act as NV coordinator so please send me your plans and I will maintain a master list of who is covering which counties. It is really a fun activity for your Club or ARES group.

We will also sponsor a multiop at W7RN – NVSTO

Please freely distribute this information

Tom Taormina, K5RC  
Comstock Memorial Station, W7RN  
Storey County ARES, KS7AA

[www.w7rn.com](http://www.w7rn.com)  
[775-847-7929](tel:775-847-7929)

# The Birth of the New England QSO Party

**Bob, W1RH**

[This article was put together after reviewing numerous emails, exchanged during the period of 1999-2003]



In November, of 1999, when I was the vice president of the Framingham Amateur Radio Association, I received an email from the guy in our club who had been running the Massachusetts QSO Party. FARA, for years and years, had been running the fledgling MAQP, a contest where we would see 25 logs submitted in a good year. Indeed, most of the hams in the state were not even aware of their state's QSO Party.

The email I received was from Steve, N1TYH. With a newborn entering his household, he needed to resign from his job as the MAQP organizer for the Club.

Some saw Steve's exit as a loss for the club. I saw it as a unique opportunity to do something that I had been thinking about for several years.....the creation of a New England QSO Party.

It made a lot of sense to me. Having moved to Boston, from California in 1990, I was familiar with the California QSO Party. I looked into other QSO parties and found that the really popular ones had a significant number of counties as multipliers: California, with 58, Florida, with 67 mults and Texas, with a whopping 254 counties. Massachusetts, by comparison, had just 14 counties and, with that small amount of mults, there just was not much national interest in the contest. I counted the number of counties in the New England states and it totaled 67....the same as Florida and a few more than California.

In Steve's letter of resignation, he lamented that something needed to be changed. He had hoped that the Yankee Clipper Contest Club might have some interest, but it never happened. Steve said that contest needed a..... "promotion tour or some sort of other effort to increase participation". My thought, which I had kept to myself at this point, was to dump MAQP and start an effort to promote a New England QSO Party.

I brought this up with the FARA Board, and they were absolutely in favor of the idea but most felt that it could never happen because it would require a buy-in from all of the New England states. In addition, our Board was not sure if the club was really capable of running a contest involving the six New England states.

While we continued to support the Massachusetts QSO Party in 2000 and 2001, I was also throwing around the idea of a New England QSO Party to anyone who would listen. At the time, Rhode Island and Maine had not had active QSO parties for years. There was a QSO Party in Connecticut,

one in Vermont and one in New Hampshire. Connecticut and New Hampshire's QSO parties were pretty much generated the same amount of activity as the MAQP did. Vermont, with 14 counties, had an active QSO party which was run by a very passionate group of hams yet the event still yielded a relatively small amount of participation.



In the summer of 2001, Tom, K1KI, took me aside after a YCCC meeting and mentioned that he had heard that I was trying to organize a New England QSO party. It seems that he had been chewing on the same idea for several years. He had done a lot of research on the subject, as had I. Tom's strengths were reflected in his superb expertise as a contesteer and his position as an ARRL director. Tom, then WB6KIL, in 1966, was also one of the founders of the California QSO Party. My strengths, I suppose, were in promotion and perhaps my ability to deal with some of the politics within New England, involving the other state QSO parties.

In short, this appeared, and was, a match made in heaven! Finding an ally, outside of the group of contesters within the FARA club, was indeed a real boost to my dream of a New England QSO Party.

The Framingham ARA had a bunch of YCCC members in the club, including Dennis, NB1B (now W1UE), Dave, K1HT (the YCCC Socre Keeper), Martin, AA1ON, Steve, AA1IZ, and Sharon, KC1YR. Various members of this group had participated in DXpeditions and all of us had done several IOTA contest dxpeditions.

K1KI got right to work following that conversation. In September, he did a study of the ham population in each county of New England and he found counties like Essex, in Vermont, with only 13 licensed amateurs, and Nantucket, in Massachusetts, with only 27 licensed hams.

On September 28<sup>th</sup>, 2001, Tom formed a NEQP email list composed of the group I had been working with and the group he had been working with. He led off the introductory email with this:

*I've spent some time talking with Bob/W1RH (of Framingham ARA – MA QP fame) on the phone over the weekend about the work FARA has already done to move in the direction of a NEQP. Sounds like we have been working on somewhat parallel efforts.*

The email went on to state that a small working group had to be formed and we needed to decide on a date for the contest.

On Saturday, October 6<sup>th</sup>, 2001, Tom and I, along with Steve (AA1IZ) proposed the idea at the Yankee Clipper Contest Club meeting. We told the group that our first choice for the date was the fourth weekend in August. It seemed like a good weekend for a contest, with good weather and no other major contest conflicts but we did have a concern that the contest would fall on the date of the big ARRL Boxboro convention (the Pacificon of New England). Knowing in advance that YCCC had no interest in sponsoring NEQP, we asked the club to sponsor some plaques and to help spread the word. We also announced that Sharon, KC1YR and the webmaster for Computer World, had secured the NEQP.org URL and started up the website and we let the group know that we had been in touch with the major contest software providers to ensure that software would be available at the

time of the event.

We were on our way! We had a concept. Now we had to get to the nuts and bolts of the contest.



There were many discussions about county abbreviations. There are some counties in New England with identical names, like Essex County, Vermont, and Essex County, Massachusetts and others. We decided to use the state abbreviation as the prefix, followed by the county abbreviation as the suffix. Essex County, Vermont, would be VT ESS. Essex County, Massachusetts, would be MA ESS.

Problem solved.

Then, it was down to the politics of the event.

The Vermont group said they would participate in a NEQP but would never consider shutting down their QSO party.

The Connecticut QSO Party organizers made it quite clear to us that they were NOT (yes, all caps in the email) interested in participating if the QSO Party is held in the last weekend of August. They recommended the first weekend of May, which was the date of both the Connecticut and Massachusetts QSO Parties.

So much for the first choice.....

The first weekend of May had its own problems. I should note that it is often still winter in New England in early May. Personally, my wife's birthday would often fall on the first weekend in May....but she's always been a terrific contest wife.

And, then there was Deerfield.

Deerfield was a mega flea market that used to be held in Deerfield, New Hampshire, but moved to another town. Everyone called it Deerfield, even though the official name of the event was Hoss-traders and it was no longer in Deerfield. This was a valid concern; since many New England hams and also a lot of hams from other Northeast states attended this event.

Dave, K1HT and the YCCC Scorekeeper, was a professional statistician. Dave could analyze anything! He took another look at the contest year. The Vermont and New Hampshire QSO parties were on the first weekend in February. Rhode Island's theoretical date was October 3<sup>rd</sup>, although the Rhode Island and Maine events were dead events at the time, however. The weekend of Dayton was ruled out as were all of the other major contest weekends.

In November, 2001, Tom received a long email from the ARRL group representing New Hampshire. Although they admitted that participation in the New Hampshire QSO Party was very low, there was reluctance to disband an event that had been going on for 60 years. In the end, New Hampshire came on board, thanks to Ed, K2TE. Ed, by the way, pushed for the third weekend in September.

So many proposed dates. So little time to make a decision.

Ed, W3TB, representing the Connecticut QSO Party came on board supporting NEQP and he also had a lot to say about the proposed dates.

It wasn't until February, 2002, that we finally agreed on the date of the New England QSO Party. It would be the first weekend of May, and it would start at 5 PM, local time, on Saturday, giving all of the Deerfield attendees time to get back to their home stations.

[Note that the 7QP contest did not exist at this time, but I'm sure our success with NEQP might have been a catalyst for the eventual 7QP, on the same weekend in May]

By the February, we had pretty much settled on the rules. Tom, K1KI, was a rock star in this department!

With only two months until the first NEQP, we proceeded at warp speed on promotion.

By February 24, we had flyers handed out at Ham Radio Outlet, and at various local ham clubs and flea markets. Sharon, KC1YR, had the rules posted on the website. The Florida QSO Party guys, led by K1TO, went out of their way to help us. They posted the rules on their website and, in return, we strongly encouraged the New England hams to support the Florida QSO party, which was the weekend prior to NEQP. I sent emails out to many clubs around the country and also to Ward, N0AX, the contest editor at the time for QST.

In March, Tom had confirmation from Ken, K1EA, that his CT logging software would be ready to go for the contest. K5DJ also confirmed that Writelog would ready to go in time.

In the meantime, Tom decided that he would personally put as many counties on the air as possible, so he installed a mobile setup in his VW bug. I wish I had a picture of it. It was quite the site with this huge whip sticking out of that little bug. In an email, Tom wrote:

*Just finished testing my own mobile set-up for the first time this morning. Worked UA4, OK, and 9K2 on 10 meters. No ignition noise – whoopee!*

By March 31<sup>st</sup>, we had commitments from a number of hams to be active for NEQP. A Reserve Your County page was ready to go on the website.

On Saturday, April 6<sup>th</sup>, Tom and I gave another presentation at the YCCC meeting. We had great feedback and YCCC voted to sponsor three plaques. We now had sponsors for about a dozen plaques. We also announced that we had commitments for 50 of the 67 counties at that point.

I was cranking out emails like crazy to New England hams.

Jim, K1IR and the YCCC president, sent an email out to the Contest\_Prez reflector (does it still exist?):

*Spread the word to all your club members and beyond...*

*Not just another contest...the New England QSO party is way cool!*

*This contest brings together the previously independent QSO party efforts of the six New England states. Now, there will PLENTY of activity – all at once – to make this a DO-NOT-MISS contesting*

event.



By April, 2002, Ken, K1EA, was sending us beta copies of CT, running NEQP. Both Dennis, NB1B (now W1UE), Tom and I managed to find bugs. Ken also suggested a worthwhile change to one of the county abbreviations. Ken fixed the bugs as fast as we could find them.

Less than one month to go! Time to think about the design of the plaques and certificates.

I got on the YCCC reflector and asked if there was an artist who could design a certificate. I got a reply from Scott, W1QHG. We kicked several ideas around and the outcome was a fabulous design that is still in use today.

And then there was this email from some guy with the call of N6ZFO. It was sent to the NEQP email address. Seems he was a good guy, and the VP/Contest Chair of the Northern California Contest Club, who wanted to support us. Bill asked if we had a sponsor for a W6 high-power plaque and, if not, he would sponsor it. Bill ended his email with:

*Congrats on organizing what appears to be a first-class affair. I'll make a special effort, starting tomorrow, to rally the troops. The idea of a call-area QSO Party is brilliant (I suppose someone could say we started that with CQP!).*

By April 16<sup>th</sup>, 2002, we were down to four counties without commitments, and testing the N6TR software. About this time, we also got an offer from K1EA to assist with log checking.

We started to talk about prizes for the top winners. From the very beginning, I wanted to see something associated with New England, as CQP associated wine with California. We kicked around various ideas, such as cartons of Ben and Jerry's ice cream and Vermont maple syrup, but settled on something quite unique for the top prize.....a complete lobster and clam dinner from a legendary New England restaurant by the name of Legal Sea Food.

I'll give myself credit for this idea. Flash back to August, 1990, when I had just accepted a job at WBZ, in Boston. It was a Saturday morning, at our house in El Dorado Hills, California, when the doorbell rang and it was a FedEx delivery of a complete dinner from Legal Sea Food, from my new boss. Inside were two LIVE lobsters, a bunch of clams, REAL New England clam chowder, and a bunch of seaweed to put in the pot when you boil the lobsters. Oh, and there were also instructions on how to boil a lobster.....something a California boy, like me, had never done. In, short, is made for a fabulous Saturday night dinner for my wife and me. 12 years later, I convinced the Framingham ARA to sponsor the top prize, featuring





same dinner. FARA is still sponsoring this dinner today as the top prize for NEQP.

On April 25th, that same N6ZFO guy wrote an email to Tom and me. Here's what Bill wrote:

*An earlier communication to you noted that CQP-NCCC wishes to sponsor a plaque for the 2002 NEQP.*

*Our board heartily, endorses the idea, and I now formally ask you to accept our offer to sponsor a winner's plaque in the*

*2002 NEQP in the name of CQP-NCCC. This CQP plaque to be awarded to the top-scoring CA or NV station, in any entry class.*

How about the N6ZFO guy? How about that Northern California Contest Club? Both made our day!

On May 2<sup>nd</sup>, just two days prior to the first contest, Tom, K1KI, sent out an email blast letting everyone know that all 67 counties would be activated and all major contest software providers were now ready to go with NEQP.

On the contest weekend, Tom did his multi-county rover thing with that huge whip sticking out of his VW Bug. I operated from my office, at WBZ, in Suffolk County using a G5RV on the roof of the building. Suffolk County is essentially the City of Boston. It's not unlike operating in San Francisco County. Although there were 400-plus hams on the books in this county, getting someone to actually get on the air, on HF, is about as difficult as it is to do in SF County. I ended up buried with QSL requests from the European county hunters.

After the contest, we received lots of comments in the logs submitted. Some compared it to the California and Florida QSO parties. The top out-of-state scorers had around 550 New England QSOs. At least one station worked all 67 counties. There were no major software issues.

In the end, we had 260 logs submitted. Tom took on the log checking and the website article and did a fabulous job, just as he continues to do today.

One point of note, in Tom's 2002 results article, was this:

*N4PN worked very hard and found all 67 - with the last one being with W1RH/P in Suffolk County (Boston city) MA. Other notable totals were the W6YX, KA6BIM and N0HF multi-ops with 62, 62 and 60, K6LL with 63, and N4BP with 60.*

In the end, Paul, N4PN, one of the nicest contestants out there, won the grand prize as the top single operator (non-New England). That prize was the lobster dinner. As hard as I tried to convince Paul that lobster is really, really good, he declined the prize but loved the contest.

Other notable winners included, among others, W6YX, K6LL, and KA6BIM, who won Ben and Jerry's ice cream for making 250+ QSO's. [I wonder who at W6YX got that ice cream?]

Vermont maple syrup went to those who made 150+ Q's, and that included N6ZFO and K6RB.



# New England QSO Party 2002

This certificate is awarded to  
in recognition of achieving

---

Tom Frenaye, K1KI

---

Bob Hess, W1RH



I'll end this with an email, dated April 21<sup>st</sup>, 2003, from that same N6ZFO guy, addressed to Tom and me:

*It's here: Thanks so much for the beautiful decanter of Vermont Maple syrup, indeed a sweet reminder of last year's NEQP. My XYL will have some small flower inserted into the flask in no time at all.*

*The flavor is delectable – I'll probably enjoy it as one would enjoy a good Scotch – neat and just a wee bit at a time.*

Ah, the good old days had to come to an end. CBS transferred me to Sacramento and my days of co-running the New England QSO Party came to an end. I did, however, print out all of the 2003 certificates from my office, in Sacramento.

Support this year's NEQP, and 7QP, on May 7-8!!



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### 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.



## NORTHERN CALIFORNIA CONTEST CLUB

NCCC Annual Awards and Elections took place on Saturday April 23rd at the regular “Tied House” watering spot in Mountain View.

NCCC Visitor and guests included: Alan AD6E (AKA KH6TU), Andy AE6Y, Scott AF6RT, Stefan AF6SA, Michael DG1CMZ/W6, Sandy DL1QQ, Tom K6EU, Don K6GHA, George K6GT, Dave K6KNS, Dick K6LRN, John K6MM, Bob K6XX, Joanna K6YL, Dennis K7GK, Jim K9YC, Chris KG6O, Michelle KK6KPW, Gordon KM6I, Bob KR6N, Ric N6AJS, Rick N6DQ, Ron N6IE, Dave N6NZ, Rick N6RK, Bob N6TV, Chris N6WM, Bill N6ZFO, Mike N7MH, Gary NA6O, Tom NS6T, Tom NW6P, Bob W1RH, Steve W1SRD, Scott W6CT, Rusty W6OAT, Bob W6RGG, Ian W6TCP, Kirsten K6WX, Ken W6XB, Mike WA6O, Rich WC6H, Matt WX5S and Charlie W4NJK.





W1SRD, K6MM



AF6RT, WA6O



K6YL with 2014 CQP T-Shirt



AD6E / KH6TU



NA6O, N7MH



W6CT with the mic.



KK6KPW, K6GT



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© 2016 N6TV



K7GK



N6IE



N6TV



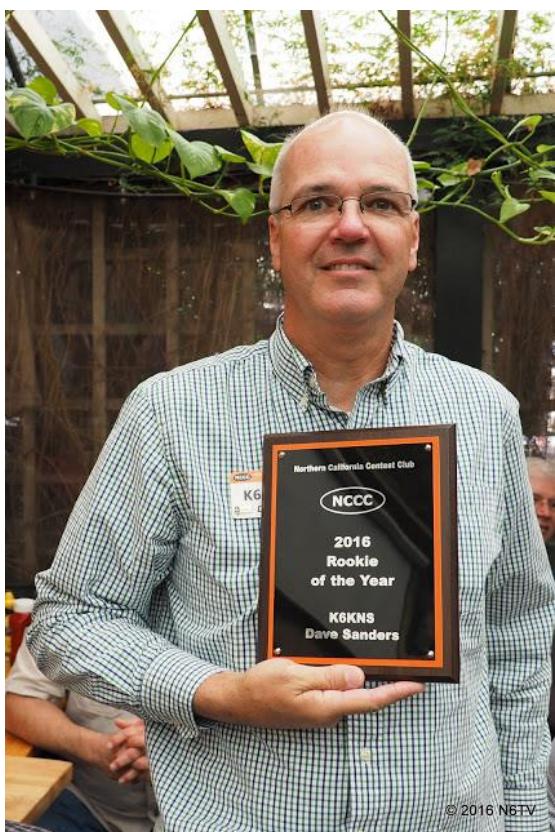
K6WX, N6DQ



N6WM



WC6H



K6KNS



K6GHA



## WPX RTTY Certificates

Award	Callsign	Name	QSOs	Points
400	K6GHA	Don Taylor	475	313,950
400	NZ6K (K6RB)	Rob Brownstein	449	208,059
300	K6LRN	Dick Wilson	379	208,104
300	AK6M K6MM)	John Miller	334	176,958
200	K6XN	Ted Park	262	89,466
200	K6GFJ	Ross Forbes	254	70,824
200	N6RK	Rick Karlquist	241	76,440
200	W6OAT	Rusty Epps	238	66,582
200	N6XG	Walt Wilson	235	78,642
200	WQ6O (N6WM)	Chris Tate	206	42,018
100	K6ELE	Ed Essick	189	104,014
100	WV6I (N6WM)	Chris Tate	173	46,990
100	KW6S	Tom Stollar	129	22,088
100	K6TIG	Bruce Herrmann	117	21,252
100	AB1U (W6RKC)	Richard Casey	107	21,590
100	WB6JJJ	Bill Maurer	105	18,568
100	WE6Z	Doug Phillips	104	17,064

## WPX RTTY Plaques

Award	Call	Points	Q's
3500	P49X (W0YK)	14,250,551	3,814
2000	KS7AA (WK6I)	4,221,360	2,459
1500	NO6F (K6TU)	2,189,614	1,590
1500	K6MR	2,397,801	1,549
1500	WQ6K (N6IE)	3,353,028	1,539
1500	W6SX	1,545,792	1,516
1000	KY0W (K6SRZ)	1,252,043	1,141
1000	AG6AU (W1RH)	1,026,641	1,050
750	K6EU	789,798	923
750	KR6N	631,350	837
500	AG1RL (W1SRD)	497,202	747
500	AF6SA	686,280	726
500	W6KPO (N6DQ)	541,926	674
500	NA6O	516,660	609
500	K6KNS	308,430	580
500	KO6LU	250,708	522
500	N2NS	414,252	501

## RTTY RU Certificates

Award	Callsign	Name	QSOs	Points
<b>1400</b>	W6SX	Hank Garretson	1,429	135,755
<b>1300</b>	W6YX (N7MH)	Mike Heideman	1,310	150,650
<b>1200</b>	W1RH	Bob Hess	1,293	126,714
<b>1200</b>	K9YC	Jim Brown	1,235	114,855
<b>700</b>	K6GHA	Don Taylor	792	60,192
<b>600</b>	N2NS	Bob Hervatine	610	53,680
<b>600</b>	K6LRN	Dick Wilson	605	42,350
<b>500</b>	K6XX	Bob Wolbert	543	49,956
<b>400</b>	NA6O	Gary Johnson	463	31,947
<b>400</b>	W6LD	John Fore	440	28,600
<b>400</b>	NW6P (NW6P, WX5S)	Tom McShane	431	28,877
<b>400</b>	NW6P (NW6P, WX5S)	Matt Thomas	431	28,877
<b>400</b>	N6ZFO	Bill Haddon	416	27,040
<b>400</b>	N6NG	Dennis Jacobson	410	25,010
<b>400</b>	K6RB	Rob Brownstein	400	24,000
<b>300</b>	K6KNS	David Sanders	367	23,121
<b>300</b>	N6EE	Ron Lodewyck	351	36,153
<b>300</b>	WB6JJJ	Bill Maurer	318	20,034
<b>300</b>	K6MM	John Miller	312	20,280
<b>300</b>	K6XV @ N6VV	Bob Frizzell	304	17,328
<b>300</b>	K6XV @ N6VV	Lew Jenkins	304	17,328
<b>300</b>	W6RKC	Rick Casey	303	18,483
<b>300</b>	W6SR	Rick Samoian	300	22,200
<b>200</b>	K6GT	George Daughters	277	15,789
<b>200</b>	K6DN	Verne Terwilliger	270	16,200
<b>200</b>	K6OK	Jim Varney	230	12,420
<b>200</b>	K6ELE	Ed Essick	204	9,792
<b>200</b>	K6TIG	Bruce Herrmann	200	12,000
<b>100</b>	WD6EIW	John Kozusko	186	10,974
<b>100</b>	N6RK	Rick Karlquist	155	8,215
<b>100</b>	K6RIM	Al Burnham	147	7,644
<b>100</b>	N6GY	Rick Sealock	108	4,428
<b>100</b>	KM6I	Gordon Good	107	4,066

## RTTY RU Plaques

	Call	Points	Q's
W7RN (WK6I)		284,592	2,541
N6WM @N6RO		266,684	2,299
K6MR		178,928	1,688
N6IE		203,862	1,671
W1SRD		198,016	1,664
WC6H		144,336	1,552
K6SU (KZ2V, N6DE)		177,489	1,517
K6UFO (K6UFO, W6RK, N6DB)		147,477	1,353
W6DR		102,168	1,032
W6OAT		100,000	1,000
W6EU		75,524	956
N6JV		62,216	806
K6EU		65,884	724
AF6SA		57,915	715
KR6N		45,084	663
K2RD		49,928	632
ND2T		53,100	531
W6KPO @ N6DQ K6YL		40,404	518
N6DZR		38,228	503
K6NV		33,000	500



# California QSO Party

1st Place Single Op, HP	W6YI (Dan N6MJ)
2nd Place, Single Op, HP	W6R ( Craig N6ED)
1st Place Single Op, LP	KI6RRN Axel
2nd Place, Single Op LP	N6N (Denis K7GK)
1st Place, Single Op, HP Assisted	Rusty W6OAT
2nd Place, Single Op, HP Assisted	Ron N6IE
1st Place, Single Op, LP Assisted	Gary NA6O
2nd Place, Single Op, LP Assisted	KK6NON Levi
Single Op, QRP	Frank W6JTI
1st to 58 Multipliers	Bob N6TV
Single Op, YL	W6L (Kristen K6WX)
Single Op, Youth	Levi KK6NON
Single Op, New Contester	Val AK6VS
Most Mobile QSO's	K6Q/M (David K0DI)
Most CW QSO's	Bob N6TV
Most SSB QSO's	W6YI (Dan N6MJ)
Top School (CA)	W6YX Stanford University
Top Club	Mother Lode DX/Contest Club
1st Place, Single Op Expeditions	W6L (Kristen K6WX)
2nd Place, Single Op Expeditions	W7YAQ/6 (Robert W7YAQ)
Top Multi-Single	K6O
Top Multi-Multi	N6O
Multi Single Expedition	N6MI
Top Multi-Multi Expedition	K6Z
Top DX Station	OK7M (Daniel OK1DIG)

## Wine Winners (Thanks to Jeff WK6I)



W6YI, W6R, W6D,W6G, NO6T, N6R, N6L, W6OAT, N6TV, W6AQ, N6IE, W6H, AA6PW, K6H, KI6RRN, N6MR, N6N, N6JV, WN6K, N6U

## CQWW DX Founders Award

Awarded to the individual with the highest combined score (CW + SSB)  
in the CQ WW DX contest, Single Operator category,  
in honor of NCCC Co-Founder Jim Neiger, N6TJ



## 2016 CQWW DX Founder's Award

**K6XX**  
**Bob Wolbert**



### QSOs

CW = **2,988**

### Points

**5,030,340**

SSB = **2,432**

**3,321,948**

**Total = 5,420**

**8,352,288**

2015  
K6XX  
8,352,288 POINTS



## Annual Operating Awards

Rookie of the Year	Dave K6KNS
Most Improved Contester	Don K6GHA
Elmer of the Year	Jim K9YC
Team Builder	Ian W6TCP
Inspiration Award	Hank W6SX
Most Valuable Player	John K6MM
Contester of the Year	Rich WC6H

## President's Awards

Bill N6ZFO  
Ken N6RO  
Tom N3ZZ  
Ken K6MR  
Rick N6XI

## Thank You For Your Service!!

- The NCCC BoD Team:  
W1RH, W1SRD, K6LRN, K6YL, N6IE, N6RK,  
W6OAT, WC6H
- BoD Advisors: K6MM, N6DE
- NCCC Green Team (CQP)
- NCCC NS Sprint Team
- IDXC Visalia and Pacificon Volunteers
- Webmaster – K6MM;
- Jug Editor – W6TCP



See you all at the Next meeting !



## Annual Elections

John, K6MM

Current Board

- President - Bob W1RH
- Vice President - Steve W1SRD
- Treasurer - Dick K6LRN
- Secretary - Joanna K6YL
- Past President - Rick N6RK
- Director - Ron N6IE
- Director - Rich WC6H
- Director - Rusty W6OAT



## Annual Elections

### Proposed Slate For 2016-2017

- President - Bob W1RH
- Vice President - Steve W1SRD
- Treasurer - Dick K6LRN
- **Secretary – Ian W6TCP**
- Past President - Rick N6RK
- Director - Ron N6IE
- Director - Rich WC6H
- Director - Rusty W6OAT



# 2016 CW ALL ASIA CONTEST

By Rusty Epps, W6OAT

Last year's CW All Asia Contest was not a "focus" contest, but still a total of fifty NCCCers got on for this event. We had fun and we produced some amazing results. We set one new non-Asia world record, three new Area records, and won seven of the nine entry categories open to us here on the West Coast. What we failed to do, though, was win ALL nine of the categories. That's something NCCC has been trying to do as far back as the early 1970s, and we've never succeeded. We've always been picked off in one or more of the categories by non-NCCC entries. Last year, as in most years, those entries have come from our friends down in Southern California.

We talked about AA at last week's NCCC Awards Banquet. The mood around the room was that we should try again this year to win all nine categories: single op single band 160m, 80m, 40m, 20m, 15m and 10m; single op all bands; multi-single and multi-multi. I volunteered to organize this year's NCCC effort, so the purpose of my writing this Jug article is to spread the word that we're planning to be on for CW AA, and to ask who else might want to join in? We do want to win the competition, but our real overriding objectives will be to have fun both individually and as a club working together.

The CW portion of the 2016 All Asia Contest will take place from 00:00Z on Saturday, June 18 through 24:00Z on Sunday, June 19 (48 hours). Although AA allows both high and low power entries, what we are aiming for are "Area" wins in the nine high power categories. Our "Area" is defined by the JARL (the AA sponsor) to be the USA portion of CQ Zone 3. That means our objective will be to beat all non-NCCC entries from CA, AZ, NV, UT, OR, WA and ID. We hope NCCC members who live in our Area, but outside the 175-mile circle used in some contests, will jump into this contest with us. Other than living in the Area, there are no geographical limitations on NCCC members who want to participate.

The JARL does not actually include a team competition as part of the AA, so to make the contest more fun for us and to push each other to achieve the highest scores possible, NCCC creates its own internal competition. As we did last year, we will form NCCC Team A and NCCC Team B. Just prior to the competition, a small committee will assign everyone who registered (explained below) to a team. The assignments will be made with an eye toward balancing the teams so they will be as competitive with each other as possible. In 2015, our two teams were only 0.91% apart in their scores, so this is a hot competition. We also intend to activate the Live Scoreboard set up by K6TU and K6TD so everybody on a team will be able to see in real time how everybody else is doing!

Team scores will be the sum of the "Team Points". Team Points are NOT the same as the points you report when you submit your AA log to the JARL. Rather, they are based upon a percentage of the top NCCC score in each entry category. For example, if the top NCCC scorer in the 10m single op single band category has 500 QSO points and a multiplier of 20, then he/she will report a score of  $500 \times 20 = 10,000$  points to JARL for the contest. But for our internal competition, that top score will be 100 percent, or 100 Team Points. If the next highest NCCC score in that category is 9,000 points, then that entrant will earn 90% or 90 Team Points. An NCCC team's score will be the sum of the Team Points accumulated by all of its members, with no one member's score exceeding 100 points. This scoring method encourages each operator to stay in the chair and do his best because, even if he doesn't win his entry category, he can contribute a significant number of points to his team's overall score by making a large percentage of that category's winning score.

It might be that some entry categories just don't have much activity this year. That could happen perhaps on 160, 80 or even 10m. In such case, if nobody makes 10 or more QSOs, then everybody in that category will get a number of Team Points equal to the number of QSOs they made multiplied by ten. For example, if there are 3 entrants in the 160m single op, single band category and they make, say, 8, 7 and 2 QSOs respectively, then their Team Points will be 80, 70 and 20.

Full rules for the AA are posted on the JARL's website. Go to [www.jarl.org](http://www.jarl.org) and click on the "English" tab which you'll find in the upper right corner of their home page. In the window which then opens, find the "Award/Contest" section, and click on "2016 All Asian DX Contest, Rule".

I'm asking NCCC members who want to participate on a team to please register themselves, the category they wish to enter, and their expected degree of seriousness by filling in the form posted on the NCCC website (go to [www.nccc.cc](http://www.nccc.cc) and click on the "All Asia" button). Having these registrations will make it much easier for me to keep track of who wants to do what when we're making up the team assignments. You don't have to be a big gun or put in full time to take part in the AA – whatever you do will be a benefit to your assigned team.

I think this year's AA Contest is going to be lots of fun, and I hope you'll join in with us.



## Point Generator Profile

Bob, KR6N, is another one of those guys who proves that you can make lots of points from a small lot, with prohibitive CC&R's to deal with. You'll see his call on 3830 in most of the big contests. I'll note that Bob made 663 Q's in the ARRL RTTY Roundup, which was his first ever RTTY contest. In the CQP WPX RTTY contest, Bob made 837 Q's. He made 300 plus Q's in both Sweepstakes CW and Phone and was also active in ARRL DX CW and phone.

Bob is one of those guys who, with little CW expertise, has managed to contribute points to the club in CW contests, using a combination of the skimmer spots, a code reader and a little bit of CW expertise, which Bob says is growing with each contest. I believe Bob is enrolled in the next CW Academy, thanks to NCCC's K6RB.

Now, let's meet Bob.

Name: **Bob Leclerc KR6N**

Past Call Signs: WN6UCG, WB6UCG, WB4GMJ, WB6VTY, KJ6ME

I was licensed in the fall 1972 as Novice. Early in 1973 I went down to take the tests. Passed all the written and 13 WPM, but fell short of the 20 WPM. I came home with the Advanced ticket. Quit the hobby in 1983 and started up again in 2011. Hard to believe how much things had changed equipment wise.

Location: El Dorado Hills, Ca. We have a little over ¼ acre tract lot.

Antennas: Hexx at 40 ft. Wires for lower bands. All are kept as low profile as possible.

Future: Planning a nested loop for 30/40m at 70 degrees. I have a very bad RFI issue between 0800 PM and 0800 AM on 40m. I'm hoping to be able to null that out a little with the orientation of the loops. I'm still working on a way to get a full length 75/80m dipole up in the trees.

Equipment: Kenwood TS-990s, MFJ-998 tuner, ALS-1300, Time Wave Navigator for digital modes. I found a Heathkit HW-101 that I could not pass up about four years ago. My first few rigs were Heathkit. HW-7, HR-10, DX-60b, HW-16, HW-101 and odd accessories.

Previous QTH's: Vallejo, ca. Hampton Roads and Norfolk, Va. Sacramento, Ca. While in The Navy I was able to operate with dipoles in most of the apartment attics.

Career: US Navy for 6 years as a missile fire control tech. After the Navy I Hired on with Sperry Univac (later Unisys) as a systems field engineer. I did Installations, upgrades and Scheduled maintenance on legacy Computer systems. I retired from Unisys after 30 years. I was lucky enough then to spend full time with a small family business I had started on the side about 15 years earlier.

Married: My Wife Valerie and I have been married for 44 years. We have two Daughters and one Son. Vicki, Laura and Dave. All are close enough for visiting. We have four Grandchildren. Royan, Tori, Connor and Drew. No interest from any of them on Grandpa's strange hobby. Yet.

DXCC Entities: HRD shows 175 worked and 130 confirmed. I am trying to learn as much as possible about propagation. I spend a lot of time at Stu's K6TU site for info.

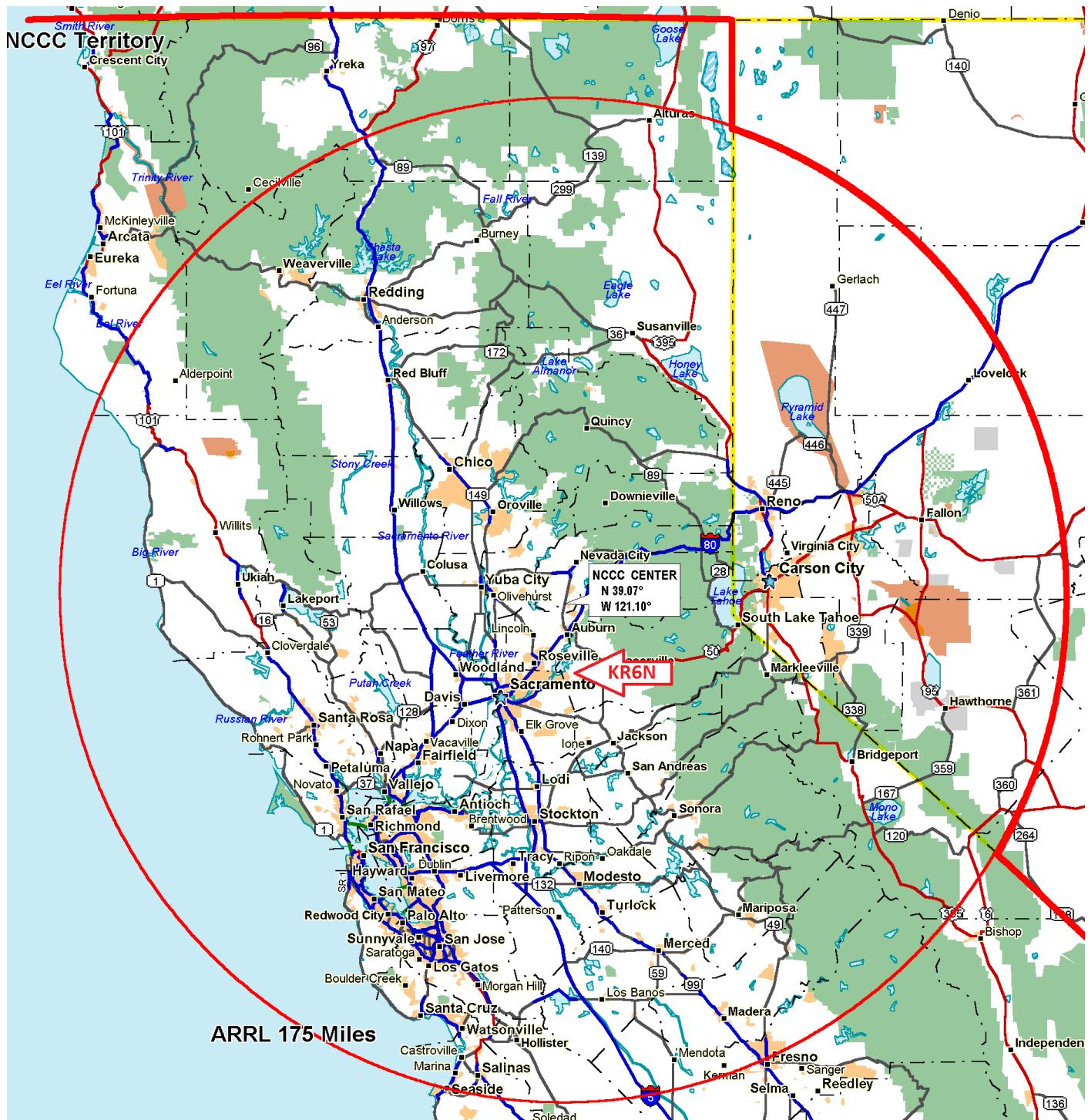
This will be my third year of contesting. I enjoy RTTY the most. Not having the best CW skills, I have recently enrolled in Rob's K6RB CW ops level 2 class. I am Looking forward to this. I have had to use CW skimmer in the past just to participate in the CW contests. Just getting in and plugging along has helped my speed as well.

Favorite Contest: CQP for starters. It is nice to be sought out by other stations on the air. The other contests all have something different to look forward to. It is nice to have the NAQP's mixed in for shorter chair time. The CQ WW and WPX's are fun for DX.





KR6N Antenna



Can you guess who will be the PGP next month ?

# Visalia 2016



NORTHERN CALIFORNIA  
CONTEST CLUB

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Marriott at the Convention Center, Visalia, CA



Bob W6RGG and Sandy DL1QQ



Tom NW6P and the one and only Rusty W6OAT



Rick N6DQ , Joanna K6YL



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QRZ? Bob K6XX



© 2016 N6TV

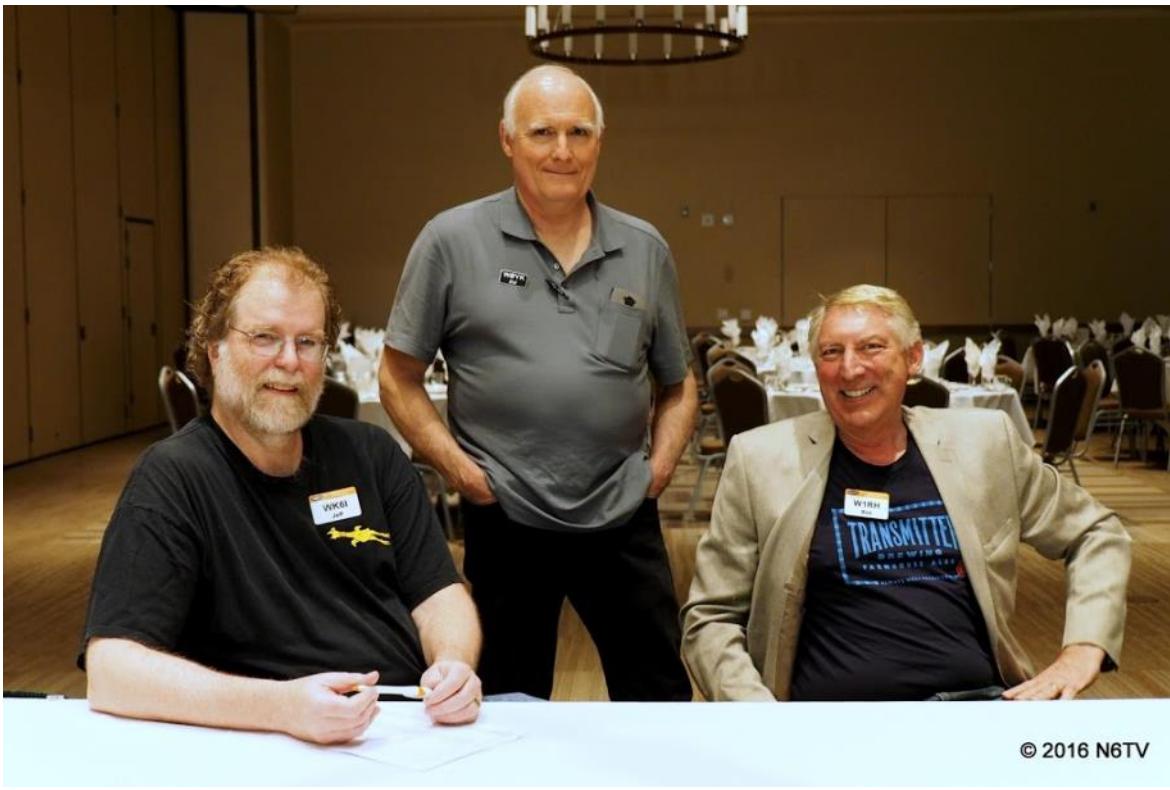
Sandy DL1QQ and Bob N6TV



Norm N6JV, Richard W6SR



Glen W6GJB, John K6MM, Jim K9YC



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RTTY Kings—Jeff WK6I & Ed W0YK, with Bob W1RH NCCC—EI President at Contest Dinner



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Hank W6SX, Roger N3RC



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N6TR, SP0CK (K7JA), K6PEQ, K6PEQ OM



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W6OAT, ND2T, DG1CMZ, W6SZN



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SteppIR Yagi on U.S. Tower Trailer (Antenna for K6V)

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Thank you to the following club members who kindly volunteered their time to help staff the NCCC table at the International DX Convention in Visalia.

Hopefully I am not missing anyone from the list. Thank you all for your commitment to NCCC.

K6KNS Dave - table organizer, thank you!

W1RH Bob

KU6F Saraj

AD6E Alan

K6JEB Jack

K9YC Jim

N6DQ Rick

K6YL Joanna

# TUBE OF THE MONTH

Visit the museum at [N6JV.com](http://N6JV.com)

Norm N6JV

## 4X150A

World War II drove many technological innovations. The needs of modern warfare especially in the air required more power, higher frequency and increased miniaturization. Important developments were made in better insulation, glass seals and efficient cooling methods. During its experiments in 1945 on the 4X500A, EIMAC developed a process for making a forced air-cooled plate by folding a single sheet of metal like a Christmas ribbon.

In 1947, EIMAC introduced the 4X150A. It was very small for its power and would operate up to 500 MHz. Several types of sockets and ceramic chimneys were also developed for this tube. This tube was small enough to operate in UHF cavity amplifiers and within the inductive elements of VHF amplifiers. For use in aircraft, a version that used a 26.5 volt filament was designated the 4X150D. In the 1950s, the ribbon anode was improved with more surface area and a new tube, the 7034/4X150A, was developed with a dissipation of 250 watts. EIMAC then started making this tube with the new ceramic insulation. They first designated it the 4X250B, but there was confusion with the glass insulated tubes, so they renamed it the 4CX250B. All of these versions were made with coaxial input connections for use in cavity amplifiers that would operate into microwave frequencies.

These tubes became a big hit with hams. A very popular 2 meter amplifier was widely duplicated that used copper plumbing to form the plate tank. The tubes were mounted in the ends of the pipes. Air was forced through the tubes and out through the pipes. A pair of 4CX250Bs would handle a KW of input at 2 meters with very low drive power.

Today this family of tubes is still produced in many variations with up to 350 watts dissipation. So far, 22 different variations of this family of tetrodes are included in the N6JV tube museum.

Norm N6JV







# California QSO Party

GOLD RUSH—TEAM

**W6S - Calaveras**

Jeff WK6I

Every year the California QSO Party is on the same weekend as the Calaveras Grape Stomp. The Stomp is one of the biggest local events of the year up here and I'm usually on duty and can't really participate in CQP. However with the CQP 50th and the GOLD RUSH special event, I jumped at the chance to be part of it. Grape Stomp could live without me for a year.

My station is currently in a somewhat diminished state, with no working amplifier. So, it was going to be a low power effort. I set out wanting to focus on CW operation because I can always use more practice at pileup handling. I don't get to contest many weekends these days.

As you might expect the Grape Stomp still reared its head at times but I was able to tear away quickly and get on the air, working a total of 16 hours. My CW plan turned out to be only a plan, as I found bands running dry on CW, mandating a switch to phone.

In the end I worked a bit more than 100 more Qs on phone than I did on CW. And I missed only 3 mults (VT, AK, and - go figure - NV) for a total score of 92,180 points - which to my surprise ended up being enough for a top ten finish in single op, low power unassisted.



**W6S - Calaveras**



# California QSO Party

GOLDRUSH—TEAM

**K6S - Sonoma**

Alan K6SRZ, Saraj KU6F



Saraj, KU6F, at the mic during the event.

This was our second M/S effort. In 2014 we won the Pacific Division M/S category for SS Phone. For CQP our goal was simply to have fun and hand out as many Ss as possible. This was also a multi-dog event: Saraj brought her dog Bailey and my dog, Annie the black lab, took her usual place under the operating desk.



# California QSO Party



California flag flying from my 6 M tower to mark the start of CQP.



**K6S - Sonoma**

# **Contesting from the West Coast – Musings on West Coast relevant contests**

**by N6WM**

(Opinions are specifically those of the author and do not represent any official statement of the NCCC)

Greetings fellow contesters! Well with the Annual elections meetings behind us along with the majority of the major contests as well, and Dayton Hamvention direct ahead, I think we can mostly say the 2015-2016 season is pretty much done. However not completely, there are a number of contest activities ahead to help ring in the summer including a big world wide season closer. Lets see what May brings us this year...

## **7th Call Area QSO Party 1300Z, May 7 to 0700Z, May 8**

I usually don't give QSO parties their own category but this one is different. A few NCCC members are rumored to be rovers... Our own in territory W7RN is a big dog in this and the States of the 6th area skip zone come to life for some great QSO Party fun. Get on the air and support our friends from Washington to Arizona. Don't be discouraged by the skip zone, you can play in this test. N6WM actually has done this as an out of area Multi-op at N6RO and won the category plaque twice!. Win yourself some 7th area lumber, get qrv and enjoy!

## **VOLTA WW RTTY Contest 1200Z, May 14 to 1200Z, May 15**

Diddlers need not be left out during the slow part of the contest season. The VOLTA WW RTTY Contest keeps things moving along. Seems everyone can work everyone with multipliers that include everything under the gun including country call areas should keep this interesting if participation is good or even if its not.. Just sit back and rack in QSO's and try and hit the mark.. and space hihi

## **CQ WW WPX Contest, CW 0000Z, May 28 to 2359Z, May 29**

And then there was the contest that inspired the great and well used morse runner application. WPXCW. Like its SSB sibling, this contest is just plain good fun. With an RST and a serial to copy you can sit back and enjoy all the high summer sun DX that you can pull into your antennas. Remember that the low bands are money in WPX with their 6 pointers that encourage you to work every JA that calls and 4 point low band qso's to keep the nights interesting this is a fun one that no cw contestor should miss. Yes you get to put that weird 2 X 1 call used twice a year one more time prior to putting it away for the next WPX edition.

continued

There are a number of other European contests such as His Majesty the King of Spain, Baltic contest Portuguese Navy Day contest (really??) but basically that's sor of it..

## Other QSO Parties deserving honorable mention \*=bigger one

**Indiana QSO Party 1500Z, May 7 to 0300Z, May 8**

**Delaware QSO Party 1700Z, May 7 to 2359Z, May 8**

**\*New England QSO Party 2000Z, May 7 to 0500Z, May 8 and 1300Z-2400Z, May 8**

**Arkansas QSO Party(I guess everyone's gotta have one) 1400Z, May 14 to 0200Z, May 15**

So there you have it.. May contesting from the west coast in a nutshell. Don't forget there are all kinds of contest that will fit the interests of literally anyone.. for instance the NZART Sangster Shield Contest and the Russia centric Slobozhansky Sprint Contest Ok nevermind this season is totally a wrap.. check the WA7BNM contest calendar for a contest if not a chuckle..

12 month calendar is here:-

<http://www.hornucopia.com/contestcal/contestcal.html>

73 and seeya next time!

Chris

N6WM

 Home

Welcome to the **WA7BNM Contest Calendar**. This site provides detailed information about amateur radio contests throughout the world, including their scheduled dates/times, rules summaries, log submission information and links to the official rules as published by the contest sponsors.

**8-Day Calendar**  
Lists details for each contest during an 8-day period, starting with yesterday.

**12-Month Calendar**  
Lists the names and dates for each contest for a 12-month period starting with the month immediately previous to the current month. Due to the difficulty obtaining accurate contest information, as much as 12 months in advance, not all contests may appear for later months.

**Perpetual Calendar**  
Lists the names and dates for each contest during a selectable future calendar year that can be accurately predicted in advance.

**State QSO Parties**  
Lists the names and dates for each contest focused on a single state or group of states in the current calendar year.

**CW Calendar**  
Lists those contests from the 12-month calendar that specify use of the CW mode, entirely or as a separate class of operation.

**QRP Calendar**  
Lists those contests from the 12-month calendar that specify a maximum power level of less than 10 watts (typically 5 watts), entirely or as a separate class of operation.

**Log Due Dates**  
Lists due dates and log submission information for recent contests.

**Historical Calendar**  
Lists the names and dates for all contests during a selectable past calendar year as far back as 2005.

**Calendar Customization**  
Enables you to select for display only those contests that you are interested in. Calendars affected by this customization provide you with the means to easily toggle between your custom list and the full calendar.

**Weekly E-mailed Calendar**  
Provides a weekly e-mail of each contest and its details for an 8-day period (Monday through Monday), as well as a list of contests scheduled for the next week and a list of log submission information for recent contests. A sample is available. To subscribe to this service, send an e-mail to Bruce, WA7BNM.

**RSS Feed**  
Wherever you see the RSS icon, the content of that calendar is available as an RSS feed. Click on the icon to access the feed.

**iCal Format**  
Wherever you see the iCal icon, the content of that calendar is available in iCal/vCal format. Click on the icon to download to your Microsoft Outlook or Apple iCal desktop calendars.

Send comments and corrections about this page to [Bruce Horn, WA7BNM](#)  
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# Contest Calendar— May page 1

AGCW QRP/QRP Party	1300Z-1900Z, May 1
RSGB 80m Club Championship, SSB	1900Z-2030Z, May 2
ARS Spartan Sprint	0100Z-0300Z, May 3
Phone Fray	0230Z-0300Z, May 4
CWops Mini-CWT Test	1300Z-1400Z, May 4 and 1900Z-2000Z, May 4 and 0300Z-0400Z, May 5
MIE 33 Contest	2300Z, May 4 to 0300Z, May 5
NRAU 10m Activity Contest	1700Z-1800Z, May 5 (CW) and 1800Z-1900Z, May 5 (SSB) and 1900Z-2000Z, May 5 (FM) and 2000Z-2100Z, May 5 (Dig)
NCCC RTTY Sprint	0145Z-0215Z, May 6
NCCC Sprint	0230Z-0300Z, May 6
10-10 Int. Spring Contest, CW	0001Z, May 7 to 2359Z, May 8
Microwave Spring Sprint	0800-1400 local, May 7
SKCC Weekend Sprintathon	1200Z, May 7 to 2400Z, May 8
ARI International DX Contest	1200Z, May 7 to 1159Z, May 8
F9AA Cup, PSK	1200Z, May 7 to 1200Z, May 8
7th Call Area QSO Party	1300Z, May 7 to 0700Z, May 8
Indiana QSO Party	1500Z, May 7 to 0300Z, May 8
FISTS Spring Slow Speed Sprint	1700Z-2100Z, May 7
Delaware QSO Party	1700Z, May 7 to 2359Z, May 8
New England QSO Party	2000Z, May 7 to 0500Z, May 8 and 1300Z-2400Z, May 8



# Contest Calendar— May page 2

Phone Fray	0230Z-0300Z, May 11
CWops Mini-CWT Test	1300Z-1400Z, May 11 and 1900Z-2000Z, May 11 and 0300Z-0400Z, May 12
RSGB 80m Club Championship, Data	1900Z-2030Z, May 11
NAQCC CW Sprint	0030Z-0230Z, May 12
NCCC RTTY Sprint	0145Z-0215Z, May 13
NCCC Sprint	0230Z-0300Z, May 13
VOLTA WW RTTY Contest	1200Z, May 14 to 1200Z, May 15
HPC World Wide DX Contest	1200Z, May 14 to 1159Z, May 15
CQ-M International DX Contest	1200Z, May 14 to 1159Z, May 15
MARAC USA QSO Party	1400Z-2400Z, May 14 and 1400Z-2400Z, May 15
1400Z-2400Z, May 15	1400Z-2400Z, May 15
Arkansas QSO Party	1400Z, May 14 to 0200Z, May 15
Portuguese Navy Day Contest	1500Z, May 14 to 1500Z, May 15
FISTS Spring Unlimited Sprint	1700Z-2100Z, May 14
50 MHz Spring Sprint	2300Z, May 14 to 0300Z, May 15
WAB 7 MHz Phone	1000Z-1400Z, May 15
UA2 QSO Party	1300Z-1659Z, May 15
Run for the Bacon QRP Contest	0100Z-0300Z, May 16
Phone Fray	0230Z-0300Z, May 18
CWops Mini-CWT Test	1300Z-1400Z, May 18 and 1900Z-2000Z, May 18 and 0300Z-0400Z, May 19

# Contest Calendar— May page 3

RSGB 80m Club Championship, CW	1900Z-2030Z, May 19
NCCC RTTY Sprint	0145Z-0215Z, May 20
NCCC Sprint	0230Z-0300Z, May 20
Slobozhansky Sprint Contest	1800Z-1959Z, May 20 (SSB) and 2000Z-2159Z, May 20 (CW)
UN DX Contest	0600Z-2100Z, May 21
NZART Sangster Shield Contest	0800Z-1100Z, May 21 and 0800Z-1100Z, May 22
Aegean RTTY Contest	1200Z, May 21 to 1200Z, May 22
His Maj. King of Spain Contest, CW	1200Z, May 21 to 1200Z, May 22
EU PSK DX Contest	1200Z, May 21 to 1200Z, May 22
Feld Hell Sprint	1600Z-1759Z, May 21 and 2000Z-2159Z, May 21
Baltic Contest	2100Z, May 21 to 0200Z, May 22
SKCC Sprint	0000Z-0200Z, May 25
Phone Fray	0230Z-0300Z, May 25
CWops Mini-CWT Test	1300Z-1400Z, May 25 and 1900Z-2000Z, May 25 and 0300Z-0400Z, May 26
NCCC RTTY Sprint	0145Z-0215Z, May 27
NCCC Sprint	0230Z-0300Z, May 27
CQ WW WPX Contest, CW	0000Z, May 28 to 2359Z, May 29
Portuguese Navy Day Contest, Digital	0800Z-2359Z, May 28
SARL Digital Contest	1300Z-1600Z, May 29

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- 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 Chls • Integrated GPS • D-STAR Repeater Directory • IPX7 Submersible

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#### TM-281A | 2 Mtr Mobile

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

#### 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



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#### 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 | 100W HF + 6M Transceiver

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#### 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



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

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