

THE NCCC

JUG

NUMBER 243
AUGUST 1992

PACIFIC DIVISION ADVISORY COMMITTEE SEEKS TO BETTER CONTESTS AND AWARDS

By John Hultquist, K6GSS

PACIFIC DIVISION CAC REPRESENTATIVE

UPCOMING CONTESTS

August

- 1-2 North American QSO
Party, CW (QST, July, p. 98)
ARRL UHF (QST, July, p.97)
Ten-Ten Summer Ph (QST, July p. 98)
- 8-9 Eu DX (WAE), CW (QST, July, p. 98)
Maryland/D.C. QSO (QST, July, p. 98)
- 9 ARCI Sprint, SSB (QST, July, p. 98)
- 15-16 ARRL 10GHz Cumltv. ... (QST, June, p. 78)
New Jersey QSO (QST, July, p. 99)
SARTG RTTY (QST, July, p. 99)
- 29-30 Empire State QSO (QST, July, p. 99)

September

- 5-6 All-Asian, Ph (QST, May, p.128)
LZ DX (QST, Aug. p. 83)
- 6 N.A. Sprint, CW (QST, Aug. p. 83)
Give Trey some Logs to verify!
- 12-13 Eu DX (WAE), Ph (QST, July, p. 98)
- 12-14 ARRL Sept. VHF QSO ... (QST, Aug. p. 90)
- 13 N.A. Sprint, Ph (QST, Aug. p. 83)
- 19-20 ARRL 10GHz Cumltv (QST, June p. 78)
- 26-27 CQWW RTTY (QST, Aug. p. 83)

October

- 10-11 California QSO Party ... Plan strategy NOW!
24-25 CQWW, Phone

November

- 7-8 SS, CW *THE year's event.*
100,000 Point quota! Let's KB!
- 21-22 SS, Phone *THE year's event.*
100,000 Point quota! Let's KB!
- 28-29 CQWW, CW

For those of you who have known me for a long time, I have not given up Ham Radio. For those who don't know me well, I sometimes do things in excess, and right now there is a 672 sqft radio shack under construction in Kihei, HI and it sits atop a 672 sqft garage. Anyway, with luck, it will be done by SS. More on this as November gets closer.

The ARRL Contest Advisory Committee (CAC) consists of an ARRL member from each ARRL division, including the CRRL. The CAC purpose is to advise the ARRL Awards Committee and BOD on contest issues. The CAC is always looking for ways to improve contesting. Now this is where the fun begins. Do we improve a contest by creating so many classes everyone gets an award, or do we just give out one top score dub? (How about that?—Ed). Anyway, all of us have opinions about this, and I would like to hear/read some of yours.

I find it interesting that in SS and FD (not a contest) there is a class for that most popular Ham station, the 100 watt xcvr, but that in the DX contest, there are only KW and QRP classes. I have suggested to my fellow CAC reps that we get a 150 watt class added to the next DX contest. Thus far, 3 months, there has been no reaction. If some of you like this idea, let me know, and if a lot of you don't like, tell me that too.

(CONTESTS, CONN'T. PAGE 2, COL 1)

NEXT MEETING AUGUST IN AUBURN SATURDAY, THE 22ND

FUN FOR THE WHOLE FAMILY ! POTLUCK PICNIC,
SWIMMING, 2M DX, TWO TOWERS, MINATURE
HORSE RIDES, SATELLITE WX STATION, VIEW,
COMPUTERS,
FULL STORY IN TV GUIDE, PAGE 3

ORANGE STRIPE INDICATES TERMINAL CONDITION

RX FOR IMMEDIATE REVERSAL OF SYMPTOMS
AVAILABLE DOC HOLLENBACK, WA6SDM, PAGE 5

(Contests, con't from page 1)

We (CAC) tried to get some trophies/awards created for SS, but the VHF plaque program got dragged into it, and created a real mess. I am hopeful that by 93, we will have a plaque program for SS. It is long over-due.

I am glad to see a club effort in SS. This is a participation contest, meaning every member has to participate. For those who don't want to or cannot put in a full effort, team up and do a multi-op. Now, what is that rule regarding expeditions?

I really look forward to the JUG each month and the pictures are great. Its nice to see what the new comers look like, and also to know I'm not the only one with grey hair, hi.

And lastly, not that I want the phone ringing off hook all the time, but correct your roster. My phone number has been since 1986, and still is 808 - 879 - 1324.

A final note, for Jack, I didn't proof this, so pse ck it. (AOK—Ed).

73 and ALOHA, John

NORTHERN CALIFORNIA CONTEST CLUB

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BULLETIN BOARD

Correction: In the July JUG we welcomed **RUBIN, WA6AHF**, back into the club and reported that he worked the night shift and ran up a big score on 40 SSB. Correction. Rubin worked at night but it was **DAVE, WX7P**, who did most of the operating on 40. Thanks to both for both the help and the fine score.

SMITTY, W6JZU, rated a special DUB award. He's contributed much to Ham Radio, and in addition has been an aware citizen, active in many community affairs. His years of service to the community and especially to Junior Colleges which he helped found 30 years ago, have merited wide acclaim and praise. In recognition of this, Foothill College has named their new community theater in his honor. It is thus called, The Robert Smithwick Theater. A high honor and notable recognition. All of us in amateur radio are proud to have him in our ranks.

FOR SALE:

105 foot crank up Tri-EX tower. THD 6105. \$550.
 Top section slightly bent but is structurally OK.
 Will trade for section tower.
 Call Rich, N6KT 408-374-6123 or 209-227-8586.

Yugoslavia once was a snap,
 But now we must look at a map.
 Slovenes, Serbs and Cro-Ats
 Montenegrans, Herzogo-whats??
 I think I'll go take a nap!
 de AE6Y

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WRITE FOR SAMPLES

THE TV GUIDE

DE BOB WILSON, N6TV



AUBURN IN AUGUST! NEXT MEETING, SATURDAY, THE 22d

We have a special treat planned for the August meeting meeting. In lieu of our regular Friday night meeting, we are planning a Saturday afternoon potluck picnic in the beautiful Sierra foothills near Auburn at the QTH of Jack Morgan, W1FEA. Mark the date now: Saturday, August 22nd, noon to 5 p.m.

Jack has plenty of room for parking and visitors with 5 acres at 2,000 feet in Placer County, overlooking the Sacramento Valley. See map below. Temperatures in the foothills in August range between 85 and 95, much cooler than the valley floor, but warm enough for swimming, so bring your swimming trunks. Not only that, bring the whole family as this month's picnic is shaping up to be the best NCCC picnic ever. Great food, great view, swimming, miniature horse rides, 2m DXing, BSing, two towers, ham shack, computers, satellite WX station, air-conditioning—a fun Saturday afternoon!

We are expecting a good turnout from the Nevada, Sierra, and Sacramento contingents of the NCCC, plus a sizable number of Bay Area NCCCers. This is a potluck lunch. Please bring something that will serve 8-10 people. What to bring depends on the last letter of your call.

LAST letter of ur call: Bring:

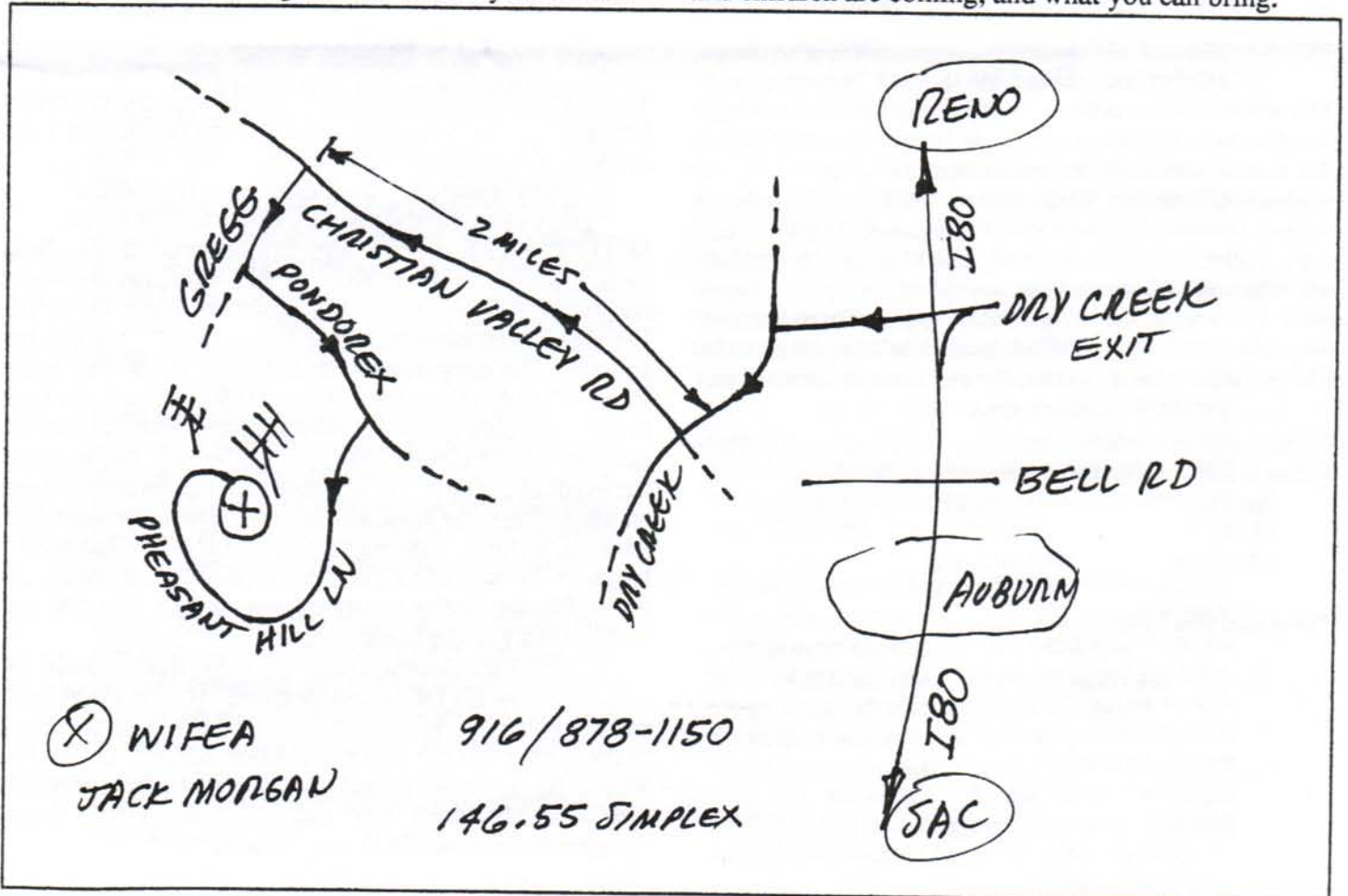
A-F Salads, soup, dip, chips, salsa, paper plates, plastic forks, napkins, paper cups.

G-N Appetizers, finger food, hot dogs, sandwiches, casseroles, vegetables, hamburgers.

O-T Drinks, iced tea, lemonade, fruit juice, soft drinks, beer, ice and ice buckets.

U-Z Fresh fruit, cookies, desserts, ice cream, cake with cake knives.

We need a headcount to plan the event, so please now, packet your "reservations" to me, N6TV, or phone me at home (408) 629-9480. Just tell me how many adults and children are coming, and what you can bring.



NCCC SCORES, AUGUST, 1992

DE BOB, N6IP

KEY: S/O = Single Operator
 S/U = Single Unlimited (with packet)
 S/O-mixed = Single Op, Mixed mode
 M/S = Multi-Op, Single Transmitter
 M/M = Multi-Op, Multi-Transmitter
 20 = Single Band, (20m in this example)

WPX Phone	QSO	MULT	TOTAL	CLASS
WZ6Z	6118	1166	15,616,238	M/M
(+ N3AHA, K3EST, W6QHS, KK6QM, W6RGG, N6RO, N6TV, W0ZZ)				

WPX CW	QSO	MULT	TOTAL	CLASS
GB5CW	2056	623	2,891,343	M/M
(AA6MC + G3SZA)				

All-Asian CW	QSO	MULT	TOTAL	CLASS
N6RO	476	101	48,076	40
<u>IARU "HF World Championship" (Radiosport)</u>				
N6IP mixed	685	114	320,226	S / O -
AA6KX mixed	314	63	73,206	S / O -
W6FAH mixed	50	24	4,896	S / O -

CQ WPX

Our club entry summary for CQ WPX was submitted. Looks like another all-time club scoring record. Congratulations all. KB!

DOLDRUMS

The summer doldrums have hit. Keep the sheen on your finely honed contesting skills by joining in the North American QSO party this month. Run a few thousand JAs in the AA phone the first weekend of September. Get a sustained adrenaline rush in the NA Sprints. Start thinking about your California QSO Party (CQP) entry. Will you stay home or county expedition? Single- or Multi-op? Which records are vulnerable, and how high will you set the new ones? The sunspot count is rapidly declining, so 10m probably will not produce as it has the last couple years. You'll have to get up that 80m gain antenna to compensate. Prepare, while you have a chance!

SWEEPSTAKES

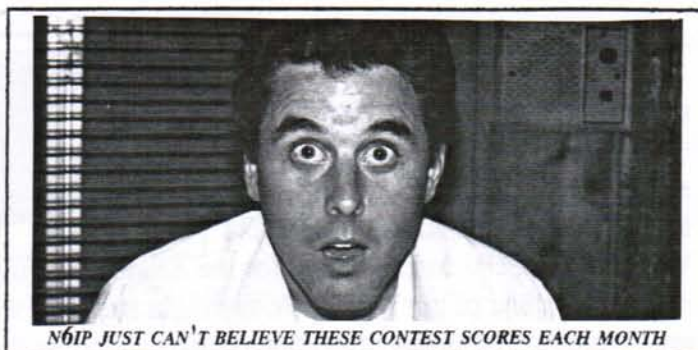
We have some station-less operators desperate for hardware. Anyone willing to lend a station for a weekend?

Operator	Weekend
AE0M	SS CW
WN4KKN	SS CW & SSB

Please send your contest results via:

Packet	N6IP via DXPSN
Telephone	(408) 258-1015
US Mail	Bob Wolbert 10028 Bon Vista Ct. San Jose, CA 95127

73 & KB



JUGOGRAPHY

Still no winners to the Jugography question in the June JUG. So, DUB-lovers, we run it yet again.

"Half a league, half a league,
 Half a league onward...."

Can you identify the following:

What is the WPX of the fellows who rode?

What is the WPX of the fellows who got rode against?

What is the WPX of the country where the riding was?

Who rote it?

And we give onefurther clue. Errol Flynn was in the movie. Call or packet or post card to W6ISQ with correct answer to be DUB-weenner.

JUGOLOGY

Three of you distinguished yourselves by correctly identifying July's musical theme in the Name this Tune contest. It was given as follows:

Ditty dum ditty dum ditty dum dum dum,

Ditty dum ditty dum ditty dum dum dum, etc

SCOTT, N1EE, was the first to answer correctly. Next came a packet from BOB, W6FAH who also answered correctly. Finally, we had a post card from DUANE, W6REC, who must be a true music lover! Here is his answer: The ditty dum is the theme song for the "Lone Ranger" and is from the William Tell Overture, the tune is from the play in 1804. Playwright's name is Georges Schiller (TOM claims, "no relation"—Ed) and is about the event of 1308, when William Tell was forced to shoot an apple from the head of his son. The composer was Rossini, I think, first name Guioacchino. That's all I know." Now that's a clear cut DUO-DUB answer. So good, Duane, we're surprised you didn't mention the composer's middle name, Antonio.

As luck would have it, only Scott could be present when his DUB was awarded. But he stood forth and delighted the NCCC audience with a stirring rendition of the theme "Hi Ho Silver, the Lone Ranger" or "Hi Ho Sliver, the Lone Stranger" as some of us less reverent types recall from our days in the Wild West. Congratulations to the three winners.

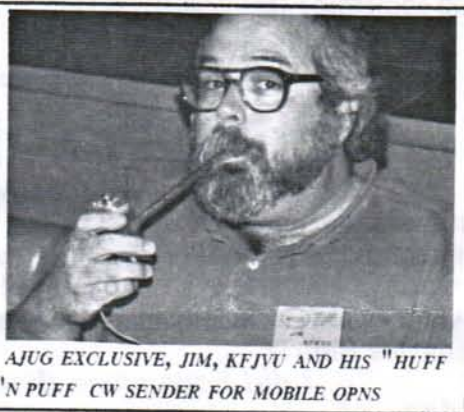
JULY MEETING ROUND -UP FROM WAGON WHEEL

After dinner there was a short SHOW & TELL show: **BOB, N6IP**, led off by introducing a small lightning arrester which he has just installed on his leads in the new house on top of the mountain. He suggests all ops think about installing these small critters because we DO have lightning storms here. They are manufactured in Minden, Nevada and cost \$60. Contact Bob for details.

The other **BOB, N6TV**, brought in a neat little remote tuning knob which he finds invaluable for contests. It is manufactured by Eklotech and cost \$150. The purpose of these knobs is to save the trouble of reaching across the operating table or paper or computer to tune the dial. Set it right alongside your paper or computer and nudge it when you wish to tune. Bob used it in FD with great ease and good results.

K B 6 V U

brought his plastic keyer for mobilers. He calls it his "Huff and Puff" keyer because that is the way it operates. You've heard of smoke and mirrors--wait'll you see this. Hold it like a



AJUG EXCLUSIVE, JIM, K6JVU AND HIS "HUFF
'N PUFF CW SENDER FOR MOBILE OPNS

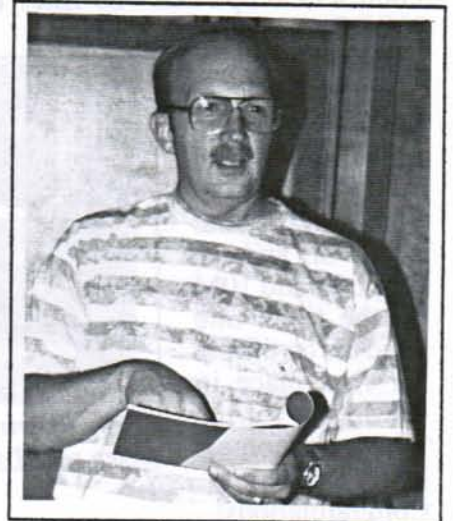
pipe and huff and puff to generate beautiful CW notes. Especially useful when you're mobile and in traffic. The crowd loved it! Marconi shoulda been so smart. **DON, W6DA** requested Jim build a multi-multi model. Would a hooka suffice? Who said that? Not sure, but for sure **AE6Y** said this:

The meeting did feature a puff
By Jim; who showed off his stuff
His pipe-mounted key,
Was an act so unique,
That to follow it surely was tough.

THE PROGRAM

In top form with another of his colorful presentations, laced with wit and savvy, **TOM, N6BT**, held forth on winning contests by having your antenna at the right height. The booklet Tom distributed before he began, was titled, "ACCORDING TO THE PRESIDENT".....Bob Wilson, N6TV, of the Northern California Contest Club....Item #1: N.C.C.C. will win the 1992 Sweepstakes Club Competition., and....Item #2: The best angles to have from your antenna(s) for SS and efficient systems are found on the following pages." Tom then proceeded to tabulate tower height vs take-off angle of all those

lobes for various popular antennas plus some of those of his own design. He also divulged the secret of how to work the VE8s and KL7, which cannot be repeated here. However, if you will call Tom, or even talk to someone who was present, perhaps you can learn his well-guarded secret. Contact Tom if you would like a book. If there are any left, a large manila envelope, stamped and addressed, plus one buck postage, will fetch one.



ANTENNA TOM

Antenna Tom's rule of thumb:

Two db will get you the plumb.
So put up the stacks,
Then go for the plaques,
And a hero you'll be, not a bum.
de AE6Y

THE RECTANGULAR TABLE

Lots of active comments proved that members are hard at work and handy with plans for big doin's.

ANDY, AE6Y, is back working with his contest logging programs now readying for CQP which is less than three months off. But between Show and Tell and desert, Andy composed both the limericks printed here on his doily. Double dubs deserved--dessert?--for the quick and clever. OK!

AL, AD6E, is also thinking SS because he missed one multiplier last year and vows for a clean sweep this year. He said that **XYL DOROTHY** is now studying for her amateur license by working through the manual. Good news. Another member in the offing? Al was at W6YL at San Jose State for FD.

DAVE, AF6S, reported he was "inactive". Not. Dave edits the NDXDC Bulletin and also the newsletter of the Amateur Radio News Service plus a few more projects in the writing-editing field. It was just on the air that he was inactive. Ditto, **XYL Susan**

LARRY, NF6S, did the whole bit in FD. He went to Echo Summit at 7400 feet and was chewed to bits by mosquitos. Maybe you should go higher next year and locate the MML (Maximum Mosquito Level). He is moving to new QTH in North Livermore where he will have an 80 foot free-standing tower. Oh oh. More

(TABLE CONT. PAGE 5, COL 1)

problems for us QRPers? **KF6VU** also went along to Echo Summit and reported the weather was great. No mention of mosquitos.

LARRY, KD6XY, reported he is almost idle in contests except that he likes to give out points to NCCers. No wonder he is idle.

XYL LOUESE, KA6ING, was in the June VHF contest, FD at home, WPX and IARU off and on, plus 6 M and 10M all the time. She rated the certificate for first place in California for the 10 Meter contest last December. Congratulations! .



KA6ING ACCEPTING CLUB 1ST PLACE
AWARD FOR 91 WPX CONTEST

TONY, AE0M was at **WE6F** in Fresno for FD and now is looking for a SS location. **BOB, N6IP** was also active at **WE6F** over FD and charged into the All Asian and IARU. He is testing out the Big New hill-top location getting ready for the fall classics. **SCOTT, NIEE**, worked All Asia on 80 CW from **AG6D**. Now looking for a station to operate in SS. **N6TV** did a fine job at FD from **K6ZM**'s, computerizing the rigs, working lotsa stations. **W6DA** also was a FD fella at **N6BFO** in Fremont Park. Can hardly wait for SS.

RUSTY, W6OAT, declares he is turning up the wheels and tuning up the gear for a big SS blowout. **BOB, N6EK**, didn't say it exactly, but you could see his eyes sparkle every time someone mentioned revving up for the SS extravaganza. Other than that Bob modestly reported he had been active at **K6ZM**'s during FD. **WALT, AJ6T**, reported only moderate activity on the HF bands, but did report big activity in the June VHF contest, plus some great DX via meteor scatter into Washington state.

HOWARD, WZ6Z, showed up momentarily without **XYL MARSHA**. Howard's company in a civic-minded mood, generously sponsored a benefit chili cook-off in Sunnyvale. Howard being allergic to chili himself, sent Marsha in his stead to judge the works. She in turn took along **SUSAN, N6EK**'s **XYL**. When they got to our meeting, speaking heatedly (sic!), they reported that some of the chillis really were not just hot, but blazing hot. Marsha doesn't only pick winning chili. She also picked off first place in the **EAST BAY** in the Novice Roundup. Warm round of applause, please.

N6DOK reported that he came to the meeting to pay his dues. Good thinking! Any other dues payers out there who might like to attend a meeting? Hey, you can attend even if you don't owe dues. He also asked if there was anyone who would be interested in operating the

RTTY contest from T32. If so, please contact him.

SMITTY, W6JZU, remarked that **N6BT** had taken his beam down and carted it off somewhere. Hasn't been seen since. Perhaps, **TOM** is rebuilding it somewhere. Happy to report that **KD6DFA, LISA**, announced she is very active on 40 - 20 and 15, while **OM TERRY, K7YNO**, spoke of a great FD experience at **K6YA**. **TREY, WN4KKN**, announced he wants to get into SS but will need a station to operate. Is there anyone out there who will not be using his own station, call Trey. Also check with **N6IP** who will try to match operators with stations for the Big Effort.

We voted in two new members: **N0BBS** and **KG6L**. Welcome aboard. **KB6ZE** stood up and said he doesn't work SS. But, never can tell. Maybe others' enthusiasms will scratch off on him before November. Finally we have a clear statement from **ERIC, W6DU**, who requested, "somebody alert me for SS. Maybe I can do something this year."

de W6ISQ

JA CONTEST ACTIVITY

Last month we asked for input and ideas about stimulating more JA activity, the concept that was introduced by Dave, **W6QHS**, and Howard **WZ6Z** several meetings ago. Here's our first reply, sent by Andy, **AE6Y** (which incidently may also be his first reply not in limerick form!)

"...I did have some thoughts about the idea of stimulating more JA activity. Generalizing, it seemed to me that we might consider starting with the CQP contest. We could print up T-shirts and offer them: (a) to the second 20 finishers out-of-state (and maybe in-state as well), with the top groups getting their choice of wine or a shirt, (b) to any dx station making more than 50 qso's. We could finance it with voluntary contributions (I'd be willing to kick in something myself) and by selling t-shirts to members above cost."

Thanks, Andy. Good input. OK let's hear from more of you. The board will take up any and all ideas and bring them before the membership as seems appropriate.

DOC HOLLENBACK DIAGNOSES THE DREADED ORANGE STRIPE

Check your mailing label this month. You may have "Dreaded Orange Stripe". This is a very serious disorder that can lead to terminal lack-of-JUG. If your dues are due, pay them now. Guaranteed cure. SEND CHECK NOW TO: "Doc", **WA6SDM**, 2021 Stonewood Ln. San Jose, CA., 95132

PREPARING FOR SWEEPSTAKES

Part I - Antennas and Radios

By Dave Pruett, K8CC

Sweepstakes is probably my favorite contest. For the most part, it is easy for a W8 to get out effectively, however it can be difficult to generate a national-class score. This article is the first of two parts on preparing for the November SS. Since we are still enjoying the fine summer weather, this first installment will focus on station hardware. Next issue, we will cover operating strategy and preparation.

Whether you are a "big gun" or "little pistol", your station can probably benefit from these SS tips. The improvements are most noticeable to the 24 hour 100% effort, but station effectiveness is a factor even when operating part time.

ANTENNAS AND BANDS

Requirements for SS antennas can be summed up in one word: GEOGRAPHIC COVERAGE. Sometimes this coverage is limited by the propagation skip zone on a given band, but as a general rule, antennas that cover large areas are best.

From W8 in SS, coverage comes in one of two forms. One type of coverage is relatively short-distance and high angle, covering everything east of the Mississippi. This type of propagation covers the major population centers, which means good rates and lots of people to work. The second type of coverage from W8 is longer distance, covering everything west of the Mississippi. Although you would think there would be lots of W6s and W7s to work, the rate is never as good, and it seems that you run out of these stations quickly.

Since you can only work a station once in SS, it pays to think of the contest as one big band, and change frequency bands as necessary to find propagation that will keep up the rate. QSO totals by band are of only passing interest, however they can be indicators of successful strategy.

In the 1990 CW SS from K8CC, 860 of 1165 QSOs (74%) were made on 7 MHz. On SSB, with WDBLJP operating, 769 of 1472 QSOs were made on that band. This should tell you that from W8 in SS, there's "no meters like forty meters".

Check out these band breakdowns from K8CC in the 1990 SS:

band	CW	SSB
80	85	209
40	860	769
20	48	327
15	33	64
10	139	103
total:	1165	1472

THIS TIMELY ARTICLE IS REPRINTED FROM THE AUGUST/SEPT '91 FLASH PUBLICATION OF THE MID-RIVER RADIO CLUB. LOTS OF USEFUL IDEAS.

On both CW and SSB, the big band was 40m. The CW total in particular is incredibly biased towards this band. This is not in the least disturbing - in talking to successful SSers in this area, the more you focus on 40m, the more your score seems to improve.

On CW, 10m was a surprise in that backscatter was reasonably productive the second hour of the contest. However, this may have simply siphoned off QSOs from 20m and 15m. The small 80m total is not typical, however it is likely that many of QSOs from that band were worked instead on 40m.

On SSB, 40m did not start off well, as 10m conditions were good, thus drawing stations up high. Nonetheless, consistent 40m operation netted 52% of the overall QSO total. The fact that 20m outpaced 80m is not typical, but reflects reasonable daytime short-skip conditions.

In SS, your most important antenna is a moderately high (30'-50') 40m dipole for working within a 500 mile radius (which just about covers the eastern half of W/VE). It doesn't matter how big your 40m beam is (mine weighs over 200 lbs. and is larger than my house!), a W8 will live and die in SS by his 40m dipole. This is not to say that a beam is of no use. I had two dipoles and my 3L yagi in 1990, and was continuously surprised how often switching antennas would improve a difficult rx situation. However, I would bet that 700+ QSOs were made on my lowly 50' high SS dipole.

The second most important SS antenna for the W8 is his 80m dipole. This will be your main nighttime antenna, again for working inside the 500 mile radius. Height does not seem to matter too much, try to get up at least 40', but up to 100' is better. DO NOT try to use verticals on this band - you will be real loud in W6 land around 09Z, but so what? If you have beverages available, you can use them but keep checking various headings so as not to miss anybody.

Preparing for SS (continued)

As much as we might hate to admit it, 20/15/10 meters are not prime SS bands from W8. The problem lies in the skip zone we are presented with, which usually restricts us to working west of the Mississippi. Again, our problem is that there are too few people to work in that direction, which prevents us from generating any really good rate.

On CW, most any good tribander will get the job done in SS on the high bands. Gain helps on SSB, but even so, it's hard to hold a frequency against a W5 that has a bigger target audience. From K8CC, we have had good results using a stack with the antennas "sprayed" in different directions, one west and the other southwest or southeast. With a single antenna, the preferred heights are between 50' and 70'.

Once you have these antennas, you are at least 90% of the way to a ultimate SS station - anything further is simply icing on the cake. It's nice to have a beam at night on 40m to run west coast, or a low angle antenna for the same path on 80m. However, this type of activity is only marginally useful - don't forget, most of your QSOs come from the east.

SETTING UP THE RIG

With your antenna farm in place, your attention should now turn to the shack. Experience has shown that without a doubt, after antennas and strategy, the biggest improvement in SS performance results from the addition of a second radio.

Now, before you protest that you cannot afford a second radio, consider a few ideas. First, think if you have a ham friend (maybe a non-contester) that you can borrow a rig from. Maybe you like CW and he likes SSB, or is a DXer who cannot fathom why you want to make domestic QSOs. The crucial thing is to find a second rig.

How you set up your second station depends on several factors, such as rig quality, high or low power, etc. The discussion might be easier if we use some scenarios as examples.

Let's assume that you have a competition grade radio w/amplifier, and that you can borrow another similar setup. The best possible configuration for SS is to put dedicate one radio/amp to 40m, and to bandswitch the other station across the remaining bands. This requires that our 40m antennas have separate feedlines

from the other bands, which is not too serious of a requirement. This goes along with our previous discussion that focusing on 40m is our prime objective. Using a clever dual-station rig switching setup, you can CQ on one band while search-and-pouncing on another with the second radio to find new QSOs.

Suppose that the second rig either has no amplifier, or perhaps is not quite a contest-grade radio. The second possibility is to hook this second radio to a simple trap vertical or dipole. Always use your main rig to CQ, and sweep ANY other band with the second radio. If you think about it, there are very few stations that you cannot work with a barefoot rig and a multiband antenna in SS. You don't need to be loud, because you won't be CQing with this rig. One good point of this setup is that you don't necessarily have to disrupt your existing antenna setup. Caution is necessary, however, to make sure that the second antenna is adequately separated such that RF from the main antennas do not damage the second radio.

Another plan if you cannot borrow a second amplifier is to go "A" power barefoot. Using the second rig in either of the above configurations will result in a VERY competitive SS station.

How to do station switching is a very personal thing, with each operator having a preference as to what works for them. The absolute minimum is a setup where a single switch transfers all signal lines (headphone, keyer or microphone) between the two radios. The next step is some capability where you can CQ on one radio and monitor the other. One possibility is a split headphone setup, with the right radio in the right ear, and the left radio in the left ear. Some people operate this way ALL weekend, but even so it is preferred to be able to select mono or split operation as the occasion demands. Another option is what K8CC refers to as "Automatic Receiver switching", or ARS. With ARS, with the touch of a button your mono headphones are swapped to the second radio while CQing, and return automatically when the VOX relay drops out. See the CONTEST AERIALS column in the September/October 1990 NCJ, or contact K8CC.

To summarize: concentrate on 40m, high angle skip is preferred, beg, borrow or steal two radios, and be prepared to bandswitch like crazy.

Next month: STRATEGY!

MORE TV GUIDE FROM N6TV

RESERVE YOUR COUNTY

October is approaching, and October is California QSO Party month. We need volunteers to help us put all 58 California counties on the air. Ace, N3AHA has volunteered to coordinate all the county expeditions, so please drop a packet message or postcard to Ace if you are planning to operate the CQP so he can update his master list. Let's show the world why the California QSO party continues to be the best in the country.

SWEEPSTAKES

KB-1000 awards, KB-2000 awards, SS participation pins, clean sweep mugs, low power competition, multi-op competition, you name it, the SS has it!

Our number one goal this year is a first place finish in the unlimited club category in the 1992 Sweepstakes. How are those antenna projects coming? Drop me a line! Our chief SS honcho this year is our VP/CC Bob N6IP. Need a station? Got a station, need an operator? N6IP is the man to contact. Bob also needs volunteers to act as area coordinators. We need to contact all NCCC members personally before the CQP and SS to check on plans, which we then publish in the Jug. Can you help us?

No. 1 in the SS, that's all we ask.

ATTENTION INTERNET CONTESTERS

If you have an Internet signon or access to an Internet gateway, we've got just the thing for you:

Announcing CQ-CONTEST@TGV.COM, a general forum for amateur radio contesters. This is an unmoderated forum directed towards hams interested in all types of radio contesting. This forum is more like the NCJ than QST; INFO-HAMS@UCSD.EDU and rec.radio.amateur.misc and are good places to look for a more rounded discussion of the hobby.

Each message sent to CQ CONTEST @ TGV .COM is sent out to all the other subscribers, kinda like a two meter repeater that has a coverage radius of 12,000 miles or so. This is a good place for score reports, expedition rumors, and other contest-related whining, bragging, or announcements.

CQ-CONTEST-REQUEST@TGV.COM is where you send requests to change your cq-contest subscription.

This computer conference is brought to you by our very own Trey Garlough, WN4KKN/6.

SECRETARY-TREASURER

NOTES de JIM ,w6SD

TREASURER'S REPORT JULY 1, 1992 TO JUNE 30, 1993

Balance forward	\$1,546.27
Encumbered funds (est.)	360.00
(May, June JUG expense.)	-----
	\$1,186.27

	BUDGET	TO DATE
Membership Dues	\$3,468.00	\$1,952.00
Donation		\$ 517.00
Jug & Roster Ads	\$270.00	\$ 40.00
Jug Publishing	(\$2,160.00)	(\$0)
CQP	(\$ 900.00)	(\$0)
Membership awards	(\$ 600.00)	(\$0)
Visalia Hospitality	(\$ 200.00)	(\$0)
Self-funding events	\$ 0.00	\$ 1.50
Sponsored awards	(\$ 150.00)	(\$0)
Contingency fund	(\$ 200.00)	(\$ 10.00)
	-----	-----
Total	(\$ 472.00)	\$4,046.27

Notes:

As of July 27, 1992 the balance in our Wells Fargo checking account is \$4,054.77, of which \$8.00 is allocated for badge expenses. As usual, the repeater fund is not accounted for in the Treasurer's report.

To date 84 members have paid their dues, 63 have not. Submitted by Jim Hollenback, WA6SDM, Sec./Tres. July 29, 1992

SECRETARY'S MINUTES

The meeting was called to order by N6IP, the honored vice-prez promptly and 6:23 pm. BOD's present were N6IP, KA6ING, AE6Y, WN4KKN, WA6SDM, and later N6TV. Discussion on the agenda for the September and October meetings were discussed. The agenda's will be September will cover CQP strategy and the October meeting will concentrate on Sweep Stakes - KB!!!!. The next topic was next month's meeting. N6TV said he will explore a meeting at W1FEA's so that the Sacramento and Nevada troops can join us. N6IP discussed writing letters to prospective members. N6TV, with the help of AE6Y will look into a life membership for the club. The letter to the editor from N3AHA was discussed with no concluding thoughts. The treasurer brought up the subject of sending a notice to delinquent members in August prompting them to pay up their dues by the September meeting. The penalty of not paying will be the removal the name from the JUG mailing list. The meeting adjourned at 7:00 PM.

During the regular meeting, two new members were voted into the club, Cecilia, N0BBS, and John KG6I. Welcome aboard!

— 11 STORE BUYING POWER —



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