



Club Repeaters W6RGG/R
147.24,(+), 444.200 (107.2 PL)

Bruce Sawyer AA6KX

Presidential Pen

Swan Song

"April, come she will." Just as Simon & Garfunkle crooned in one of their hits a few years ago, April has indeed come. That marks a point of departure, as well as a new beginning, for NCCC. But before turning the gavel over to next year's prez, we'd like to take just a moment for reflection on events of the past year.

It has been an absolutely exhilarating year, now gone by so quickly we wonder where the year went. During this time, the Club pulled together in ways I could only have wished for at the beginning of this term of office. The resulting signs of the success of this organization are around for all to witness. Field Day in June was quite a party. We had overflow crowds at our July and September meetings and an absolutely great picnic up at WIFEA's place in between. In October, we sponsored the biggest and best CQP we've ever had. Out-of-state logs were up 31% over the previous year and total participation was at an all-time-high. Then in November, at least so our VPCC tells us, we turned in the best club score for Sweepstakes competition that any club has earned in 13 years. Our quest for a SS three-peat appears a virtual certainty. Throughout the year, our membership just kept growing; a couple of months ago we even topped the 200 mark. That's about double what it was just 5 years ago. One side benefit of this growth is that the Club's finances are in far better shape than ever before. We tried our best to return full value for each member's dues and to run the club on a "revenue-neutral" basis, but it now appears that we're leaving the treasury with more than when we started. If we can just come through WPX in our usual high-flying style, the Club will have hit every one of the goals we set for ourselves at the beginning of this year.

While each and every member of the Club has been a part of this success, a special word of praise and of thanks is due to the most action-oriented Board of Directors we could ever have hoped to find.

(Pres. Pen con't page 2 col 1)

Contest Calendar

de N6IP

April

8-9

GridLoc	QST, Apr. p.111
MARAC County Ph	QST, Apr. p.111
ARCI QRP CW	QST, Mar. p.123
Internet SprINT (Sunday PM PDT)	

15-16

JIDX High Band CW	QST, Mar. p.123
SARTG AMTOR	QST, Mar. p.123

22-23

DX Convention, Visalia	
CQ-M	QST, Mar. p.124
10-10 CW	QST, Mar. p.124
YU DX	QST, Mar. p.124

29-30

Helvetia	QST, Mar. p.124
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May

6-7

MARAC CW	QST, Apr. p.111
Conn QSO	QST, Apr. p.111
MA QSO	QST, Apr. p.111
Danish SSTV	QST, Apr. p.111

April, Annual Election Meeting

Wednesday, April 26, 7:30 p.m. Hewlett-Packard, Santa Clara

Reason for the seemingly odd choice of dates is that we've had to work around Easter, Visalia, and Dayton, all of which have conspired to make April exceptionally busy. Please note that this meeting is not our usual format, a dinner meeting., Just this once, we won't be having pizza or other comestibles.

The meeting will be held in the cafeteria of Hewlett-Packard Building 50, at 5301 Stevens Creek Blvd, Santa Clara. This is on the northeast corner of the intersection of Lawrence Expressway and Stevens Creek Blvd.

At the meeting, the Board will meet in open session to review and act upon the suggestions for CQP which have been received in response to the article the VPCC placed in the February JUG. At the conclusion of discussion, we will conduct election of officers and turn over the gavel to the new president.

(Pres. Pen con't from page 1)

This Board worked well together, as a team, and it has been just a tremendous honor to have been a part of this Board. We maintained frequent contact with each other via email; even minor decisions could be reached quickly with approval by a majority of the Board. During the year, the Board had several brainstorming sessions, each one lasting for most of a Saturday. Out of those arduous discussions came lots of great ideas. What was unique about this group was that we didn't just toss out ideas. We then went and implemented them—all of them. In every case, that implementation was a team effort. Each person took his share of the load and just did it. If you've been watching, you've seen the results of this teamwork. My one regret is that now this great group has to break up and turn the leadership of the Club over to a new Board. For the past I am extremely grateful and thank all board members for their help, support, and, encouragement.

Looking to the future, we believe it's just going to get better. Per the by-laws, election of officers will take place at the April meeting. As promised, the nominating committee has announced the candidates:

- President: Ken Silverman, WM2C
 - Vice President/Cont. Chair: John Zapisek, K2MM
 - Secretary/Treasurer: George Daughters, AB6YL
 - Director: Dick Dievendorff, AA6MC
 - Director: Jim Hollenback, WA6SDM
 - Director: Bob Wolbert, N6IP
 - Director: AA6KX, Bruce Sawyer
- (Per by-laws, outgoing president becomes a director)

We are pleased that this group comprises a carry-over of previous experience maintaining continuity and an infusion of new blood which guards against cliquishness. Thanks to all these gentlemen for volunteering to serve. Further nominations from the floor will, of course, be welcome before the election.

The Northern California Contest Club
 President, Bruce Sawyer, AA6KX
 Vice-Pres/Contest Chr, Bob Wolbert N6IP
 Sec/Treas, Dick Dievendorff, AA6MC
 Directors: Al Maenchen, AD6E
 Dave Leeson, W6QHS
 Steve Thomas, N6ST
 Bob Wilson, N6TV
 JUG Editor John Troster, W6ISQ
 82 Belbrook Way Atherton, Ca., 94027
 Publisher, Maggie Troster, KC6NFE
 The JUG is the journal of the NCCC, published monthly. Copies are mailed to members whose dues are up-to date. Send material for publication before last Monday of the month.

Awards and Winners At The Banquet

Contestor of the Year N6IP, with Prexy.

Below, Rookie of the Year, AB6YL



Wine and Hats, it all goes to the head of CQP and Single Mode Winners, Right and Below.



Wolbert's Words

de N6IP

Trivia Time. Answer Which famous contest club won the CQWW club trophy in 1981, and by what margin over the second place finisher? (Hint: its the same club that again won CQWW in 1983). (I cheated a bit in last month's JUG: it said 1982... so solly...) Yes, it was the NORTH-EARN CALIFORNIA CONTEST CLUB! As reported in the October 1982 issue of CQ, NCCC scored 160,376,466 points, topping the Yankee Clipper Group's 159,837,851 by a razor thin margin of only 538,595 points—only ONE medium sized entry of about 600 QSOs! Are your logs important? You bet!

CQ WPX Phone The bands came alive for WPX. Conditions were great on Saturday, but the A-index skyrocketed Sunday, really making it seem more like WPX CW! (The WPX CW weekend has been plagued with hideous conditions for several years—maybe the curse has been shifted to phone...). Please get your scores in to me: only a few have been received so far. Our total this far is 5.5 megapoints, only a small fraction of the points scored in last year's (hopefully) victorious effort. Remember to schedule Memorial Day weekend around WPX CW.

April Scores

WPX Phone

KG6LF	999	483	772,317	
AB6YL	519	348	409,944	
W6BSY	585	316	286,296	15m
N6IP	354	178	175,686	
AA6YX	315	230	143,980	LP
KD6KKP	564	262	84,102	20m
WV6U (+WA6TKV, KN6SO, W6REC)	1834	676	2,664,116	M/S
WM2C (+ AD6E)	1271	522	1,574,352	M/S

ARRL DX CW

AA6KX	904	210	569,520	
W6BIP	548	178	293,344	
N6IP	595	92	164,220	
WA6TKV	542	89	144,714	
AB6YL	333	98	97,902	
W6ISQ	?	?	67,800	
AE0M	239	90	64,260	
N6GG	39	21	2457	LP
W6BSY	356	70	74,760	15m
AA6MC	251	136	102,408	SOA
WA8LLY	48	28	4032	SOA

ARRL DX Phone

EA6ZY (AB6WM)	2166	198	1,286,604	
WC6H (NU6S)	1580	261	1,237,140	

AA6KX	737	238	526,218	
W6BIP	257	150	115,650	
AB6YL	439	151	198,867	
N6IP	21	12	756	
W6BSY	353	77	81,543	15m
AA6MC	235	143	100,815	SOA
WA6TKV (+KD6KKP, KN6SO, KJ6DL)	711	213	454,329	M/S
AE0M	206	103	63,345	M/S

NAQP, CW

AE0M	275	117	32,058	
AB6YL	110	70	7,700	

NAQP, Ph AB6YL	156	70	10,920	
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NA Sprint, Ph

(CW Listed separately.)

AE0M	120	29	3480	
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ARRL VHF SS

K2MM	12	5	85	QRP
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CQ 160m CW

K6LRN	152	33	5	15,084
WA8LLY/6	71	28	3	5,115

CQWW Ph

VP2EJ (WB6CJE)	3,435	90	327	3,528,237	LP
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Contest Notes A New Contest GridLoc is a new VHF contest, with maidenhead grid squares as multipliers. It will run from 12Z 8 April until 12Z 9 April (operate 18 of the 24 hours); 150W max, Ph, CW, mixed categories. Exchange: grid square & operator name. Scoring: 1 pt/Q x grid squares, per band. See April QST for rules. Good news: ROVERS ARE ALLOWED! (hi).

SprINT The seventh running of N6TR's Internet SprINT begins 0000Z 10 April (Sunday night local time). This is the 2-hour sprint where the exchange is serial number, the name you received during your PREVIOUS QSOs, and state. "Dupes" may be re-worked after working three other valid QSOs. Give it a try!

ARRL EME Contest ARRL's EME contest will be held on 7/8 October and 4/5 November this year. Last year it occurred during CQWW (BOTH weekends). This year it competes with CQP and the CW weekend of SS. ARRL's Billy Lunt claims the phase of the moon determines the optimum weekend for this event. Maybe he should simply reschedule it to a less hectic season...

80 Meter EWE Antenna

de Larry Word NF6S

The following is detail information not contained in the article "Is This EWE for You?", in QST, Feb 1995, pages 31, 32 and 33. Article written by Floyd Koontz, WA2WVL.

Original article described a shack switchable 80M EWE, however the detail was vague and building another tuner in my shack was not in my plans. So what follows is how I constructed my 80M EWE and how it performs at my QTH.

Construction I didn't want to use suspended wires so I made the vertical 10 foot elements from 1" aluminum tubing and connected the two vertical pieces at the top with Nr. #14 wire. I used 8 foot ground rods instead of the 2" foot rods described in the original article. I mounted the 10 foot vertical elements just above the ground rod and insulated using a piece of PVC pipe.

9:1 Balun I made the 9:1 balun from T200 core material which I had on hand. I used 11 trifilar turns and connected the core windings per ON4UN's instruction in his "Low Band Dxing" book, page 7-19, figure 7-21. No rocket science here. See supplied drawing of Fig 7-21

Relays All relays are Radio Shack 12VDC miniature DPDT relays and were glued in place with PVC cement. All enclosures are Radio Shack specials, all plastic. Reason for all plastic cases is to keep the coax shield and center conductors electrically isolated. Use good size lugs to electrically connect the shield to the coax chassis mount. I initially had trouble when I soldered the shield directly onto the mounting screw. The plastic melted slightly and caused an intermittent ground connection degrading antenna performance in South America direction.

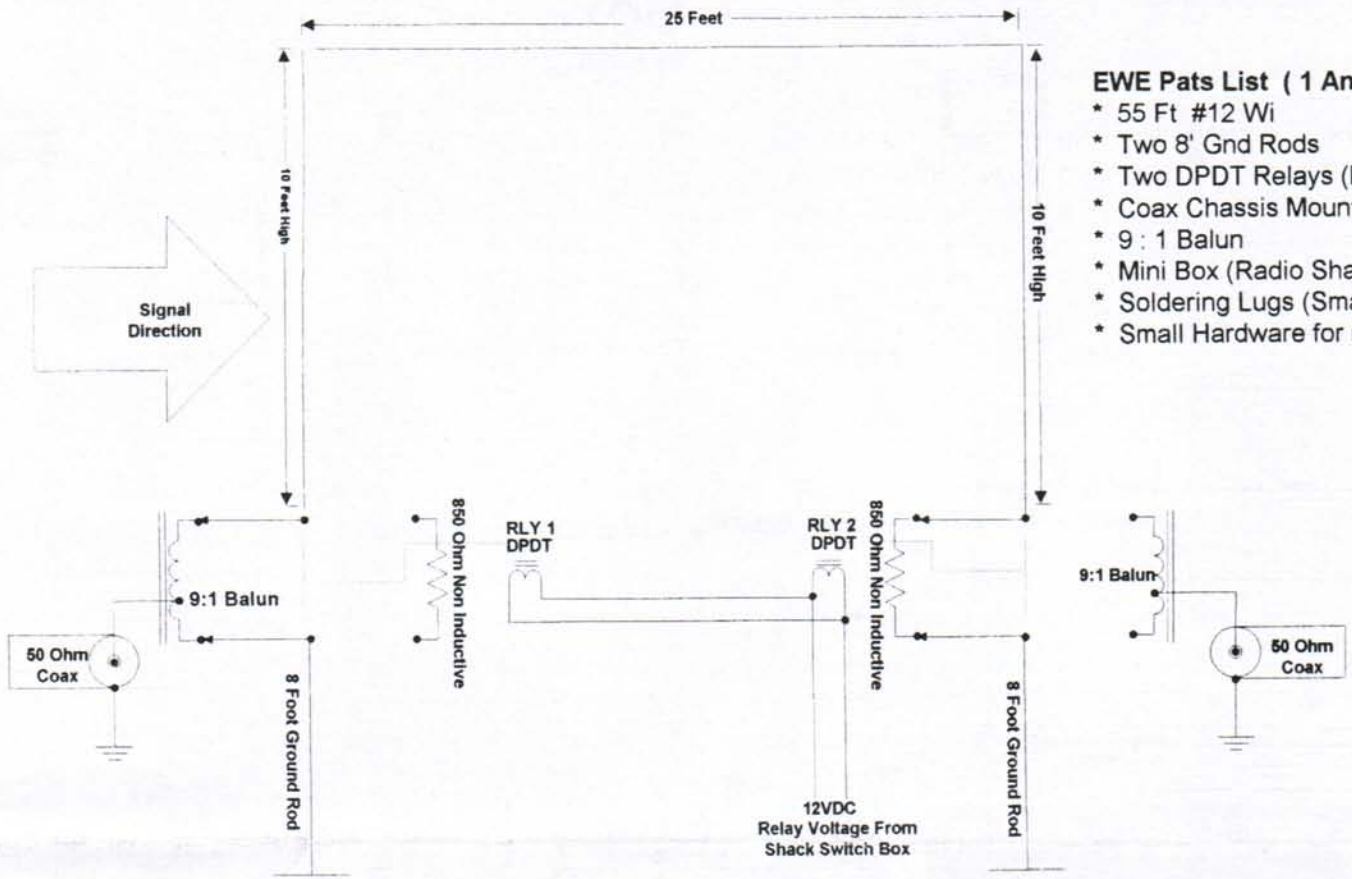
Station Control Box was made in a similar plastic box again mounting all three relays to the bottom of the box with PVC cement. After drying for a few hours I drilled all holes for switches, terminal strips, coax chassis connectors and power terminal strips. I mounted a switch directly in front of each relay. Mounted all the coax chassis connectors in the rear, evenly spaced while allowing for mounting of the two terminal strips. Relay power connections was made with twisted pair wire. All connections from the relays and antenna connectors was made with #12 bare wire. Making sure that all wiring lengths were exactly the same length. (Both Ground and center conductor). Construction is very straight forward. See Photos.

Performance The EWE has absolutely no gain. As a matter fact it has approximately -20db gain. However I am having very good luck receiving on 80M without the Ameco Preamp. However, it performs excellent with the Preamp. Where the EWE shines is the F/B ratio. I have experienced F/B ratios in excess of 25-30db receiving JA's and South Americans. At the time of this article its the only EWE I have put up. Another EWE is being built for North East and South West. If your planning on building one of these lil EWE antennas, feel free to contact me. I will try to help where I can.



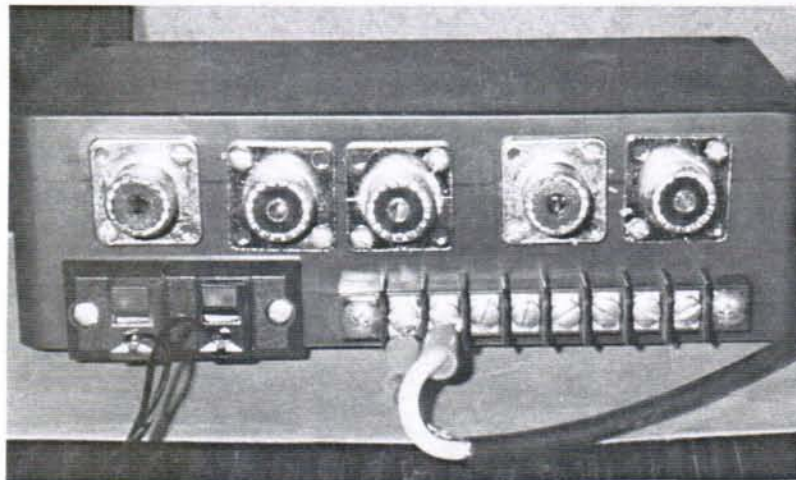
See Photo's, Drawings and Figures on Following Pages.

80 Meter EWE Antenna



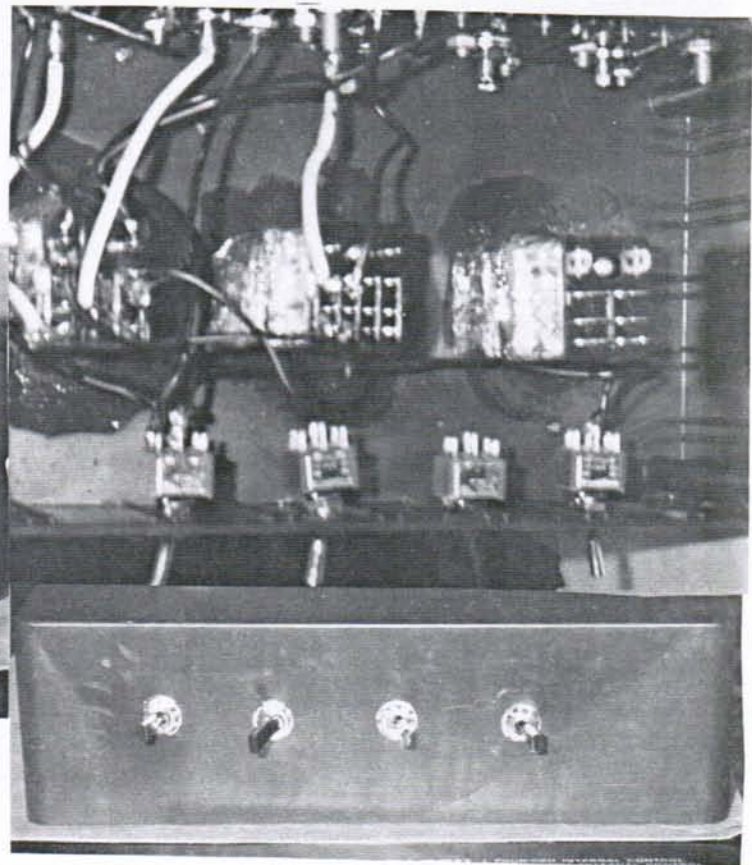
- EWE Pats List (1 Ant Only)**
- * 55 Ft #12 Wi
 - * Two 8' Gnd Rods
 - * Two DPDT Relays (Mini)
 - * Coax Chassis Mount
 - * 9 : 1 Balun
 - * Mini Box (Radio Shack)
 - * Soldering Lugs (Small)
 - * Small Hardware for mounting

ANT A ANT B PRE AMP ANT C ANT D



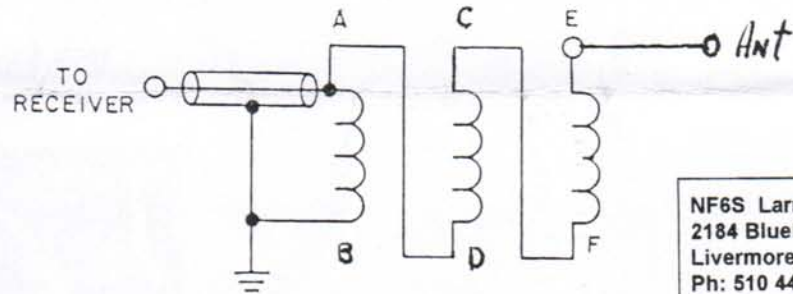
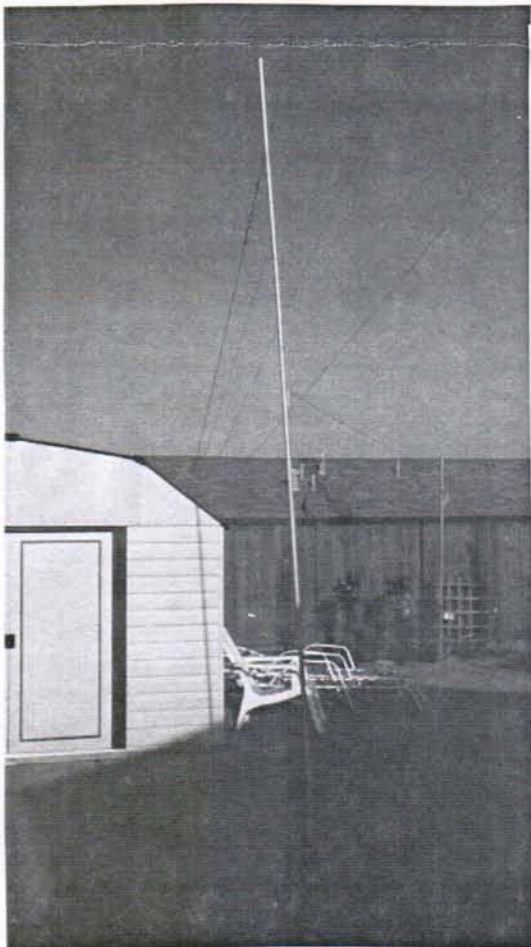
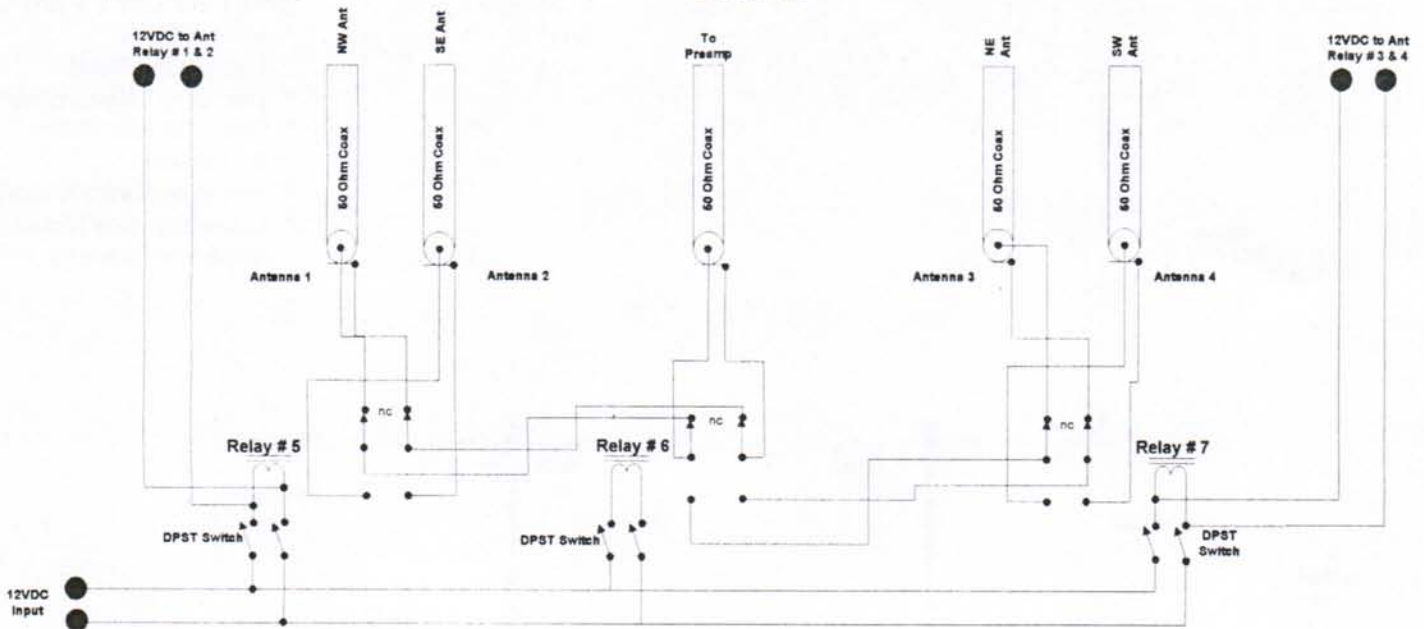
RELAY POWER FROM POWER SUPPLY

RELAY POWER TO ANTS



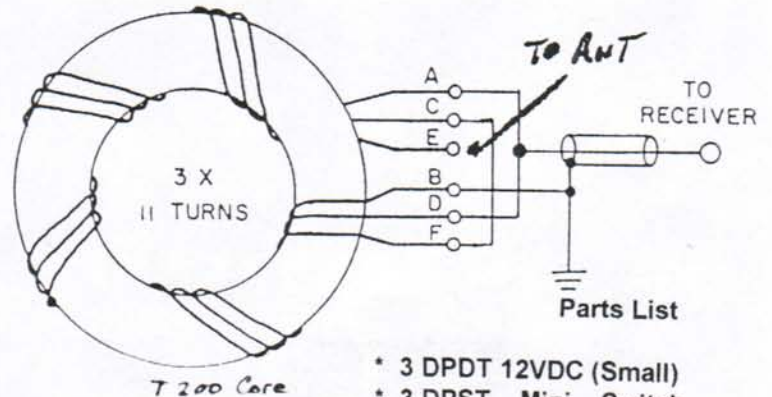
EWE Antenna Station Control Box

By NF6S



9:1 50-ohm to 450-ohm Balun

NF6S Larry Word
 2184 Bluebell Drive
 Livermore, Ca 94550
 Ph: 510 449 9195
 Fax: 510 606 8166
 Internet: word@crl.com
 Data: 510 606 8166



- Parts List
- * 3 DPDT 12VDC (Small)
 - * 3 DPST Mini Switch
 - * 5 Coax Chassis Connector
 - * 1 Term Strip 6 PSN 12VDC OUT
 - * 1 Term Strip 2 PSN 12VDC IN
 - * 10 Feet #12 Bare Wire
 - * 1 Plastic Box

Bulletin Board



At left:
Can't get
much better
than this:
KB-2000
winners and
their well-
won plaques

Quote of the Month. At the Awards Banquet, Jenny, KD6KKP, announced: "now that I have my General, I can Kick Butt with the Big Boys." Watch out, lads and laddies, she's raorin down the track!

Bruce, W6OSP, our generous sommelier, told the JUG that this year's gift wine is '87-'88 Cabernet Sauvignon. The grapes were grown and bottled at Truchard Vinyard in the the Carneros region of the Napa Valley. A supersonic huzzah to Bruce, for again donating this wine for CQP prizes. Thanks, also, to Jim, WA6SDM, for creating the personalized bottle labels.

Congrats to Linda, AC6DQ, and Garry, NI6T, voted Most Improved contesters of '94. Same to IP-Bob for his election as Contester of the Year. His outstanding SS Handbook had to be the cause of NCCC's high score.



SS KB -1000 Plaque winners. Not a Little Pleased



The Win 'n Wear Set: Those who qualified in Mixed Mode

(WW con't from page 3)
Swan Song Well, that's it for me. When I took this job last year, I promised you'd get your money's worth out of me. I hope you have. My performance review will appear in the May issues of QST and CQ. Elections are this month, and I wish the very best to my successor, who inherits a really dynamic and motivated bunch that is capable of winning the world. Some words of advice to this successor: (1) NCCC's vice president doesn't have any difficult official duties—but do not get complacent; the contest chairman's job will keep you very busy. And (2), you definitely get out what you put into the job. Best of luck! For the rest of you: thanks for an enjoyable year. We {probably} met our goals of winning our targeted events, and we certainly had a good time doing it. See you on the bands!

Vy 73 de Bob, N6IP

P.S. To maintain continuity, you may send any new scores to me until the May JUG is published, and the new VP/CC is "sentenced".

Awards Banquet Awards and Winners

The Awards Banquet was again one of our great gatherings, the top of ham talent, talk, and ties--yeah, and they looked spiffy too. The Pleasanton Hotel served us an excellent meal and the awards committee provided ever more handsome plaques, bodacious hats worthy certificates, bully wines.

This is a list of Most, but by no means all, the Awards given at our annual Awards' Banquet this year. There was a full house of awardees and not all of their names went the distance to the Ed's desk.! Some of them like the 100 QSO certificates were too many in number to list. Some winners were listed in last months' JUG, and, yes, we confess, some of the lists got mixed up and were not retrievable before press time.

But, every member, from our littlest that would be Jenny, KD6KKP, to Ed's assistant who talked to one of our world record holders during one contest, that would be Rich, N6KT, (who took a full nano second to come back with "Hi Maggie" in the midst of an even bigger than usual pile-up), did a great job for the Club. We can congratulate us, for great spirit, great participation, great results.

GO N.C.C.C. GO

Right:
New member
Javier, AH6MM,
Welcomed by
Rich N6KT
Below:
Pres Bruce, AA6KX,
Jenny KD6KKP,
and Andy, AE6Y
with plaques for Top
ops in single county,
novice/ tech,
and most QSO's,
respectively.



Limerist Rides Again with ODE TO VICTORY

Here's to KX, MC, and IP
Who led us this year
to victory.
These guys did a great job,
So we drink to Bruce, Dick,
and Bob,
And the glory of N-triple C!
'73 Andy, AE6Y

In no particular order, some of the awards:

CQP

Winners all received bottles of wine.
See list in last month's JUG

Plaques:

AE6Y #2 CA, and SO w/ Most QSOS
N6RO Top CA Multi-Multi
AA6KX Top single County Exp
KD6KKP Top CA Novice/Tech
WA6AUE #3 CA
VE7SZ
(VE7NTT) #1 Non-CA
W6EEN Top CA M/S
KS6H/N6ZB TOP M/M Expedition

SweepStakes Awards:

Mixed Mode Hats:

W6QHS, AA6KX, AE6Y, AA6MC
W6RGG, N6IP, AD6E, W1FEA,
W6REC, KI3V, WC6H, WA6AUE,
N6RO, N6EK, NI6T, N6RA, AB6WM
K6KM, N4TQO

Single Mode Hats:

K2MM, N6TV, KJ6DL, N6TU, W6BSY,
AC6DQ, N6TNX, N6TNW, WA6TKV

KB2000:

W6QHS, AA6KX, AA6MC, W1FEA
KI3V7, N6RO, WC6H, N6EK, WA6AUE

KB1000

K6HNZ, AE6Y, WA6TKV, W6RGG,
N6IP, AD6E, K2MM, N6TV, W6REC
N6TU, AB6WM, NI6T, N6RA, W6CF,
AG6D, N4TQO, K6KM, W6BSY
AA6YX, AI6V, KD6UO, N6BT (NU6S)
W6RJ, WR6R, KJ6DL, N6ST

KB500: Cert.

KM6OH, W6OAT, AB6YL, W6SUN
W6BIP, N1EE, N6PN, K6ANP, KA6W
N6RC, N6XI, WB6MZQ, N6TNX
N6TNW, AC6DQ, N6CCL

Special Awards:

Big Gun:	KI3V
Little Gun:	AA6KX
Jughead:	KI3V
Most Improved:	NI6T & AC6DQ
Rookie of the Year:	AB6YL
Founder's Award:	NI6T
Contester of the Year	N6IP

Area Co-ordinators,

WA6SDM, AA6MC, W6BSY, AC6DQ,
WA6AUE, N6TV, who also co-ordinated
counties, K2MM, N4TQO, AE6Y,
WM2CH,

Contest Publicity

AD6E, K6PU, and YF, KAY,
for Scoring logs
W6OSP, Wine Meister

March 30, 1995.

Treasury Notes

de AA6MC



	1994-95 Plan	YTD Actual
Membership dues	\$3780	\$4312
Advertisements	\$ 300	\$ 300
General fund contributions	\$ 100	\$ 406
CQP contributions	\$ 0	\$ 30
Non-member JUG subscriptions	\$ 0	\$ 16.50
Total income	\$4180	\$5064.50
JUG publishing & special mailings (excludes March JUG expenses)	(\$2600)	(\$2197.78)
NCCC share of CQP expenses	(\$ 500)	(\$ 25.95)
Awards	(\$ 650)	(\$ 712.09)
Visalia Hospitality	(\$ 200)	
Contingency	(\$ 230)	(\$ 0)
Self-funding events (Banquets, badges)	(\$ 0)	(\$ 36.31)
Special Xmas banquet appropriation	(\$ 150)	(\$ 129.27)
Total expenses	(\$4330)	(\$3101.40)
Balance at start of Fiscal Year 94-95		\$2501.02
Activity credited to Fiscal Year 94-95		\$1963.10
Activity credited to Fiscal Year 95-96 (\$250 deposit for 1995 Xmas banquet, 2 memberships)		(\$ 202.00)
GENERAL FUND TOTAL:		\$4262.12

The N.C.C.C. B.O.S.S. Contest

Bottom of the Sun Cycle, When Will it Occur?

Members of NCCC are always at the ready for a contest. So, here you are, ta da... The B.O.S.S., announced a mere month ago in, of course, the JUG! It's gotta be your kind of thing,, cleverly devised to bring into play your sense of levity, competition, and astute reasoning (guessing?) for a once-in-an-11 year roll. Get off your B.O.S.S. and submit your entry. NCCC Members have the inside track for submitting early predictions, always a judge pleaser. N6BT will be distributing B.O.S.S. entries to all comers at Visalia, Dayton, Dallas, Niew Ahlins, Southern Cal and all across the land,, Extravagant prizes, honor and immodest fame await the judgment of W6RQ, Chief Judge, N6BT, Prize Chairman, and anxious Jug Ed ISQ.

NAME / CLUB NAME _____ CALL _____

ADDRESS _____

Year First Licensed _____ (not needed for Club Entry)

The Bottom of the Sun Spot cycle will be _____ (yr) _____ (mo) _____ (day) @ _____ Z(hour)

Signed _____ Date of entry _____ / _____ / _____

HAND DELIVER OR MAIL, THIS ENTRY ON OR BEFORE JUNE 30, 1995 to:
Ed. Jack Troster, W6ISQ (CBA), Editor of the World Famous, N.C.C.C. *JUG*

OAKLAND, CA 94606
2210 Livingston St.
(510) 534-5757
(800) 854-6046

SUNNYVALE, CA 94086
510 Lawrence Expwy. #102
(408) 736-9496
(800) 854-6046

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Optional external ant. tuners available (TS-50S only)
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2 Mtr Aircraft RX 220Mhz 70cm 1200Mhz



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2M w/440 Rx

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Additional Discounts of
\$15 on Several Selected Kenwood
Radios

April 1995
NCCC
44 Toyon Terrace
Danville, CA 94526

FIRST CLASS

FIRST CLASS
FIRST CLASS

Your Full Membership Paid Through June 30, 1995
Charles Epps, W6OAT
651 Handley Trail
Redwood City, CA 94062

