

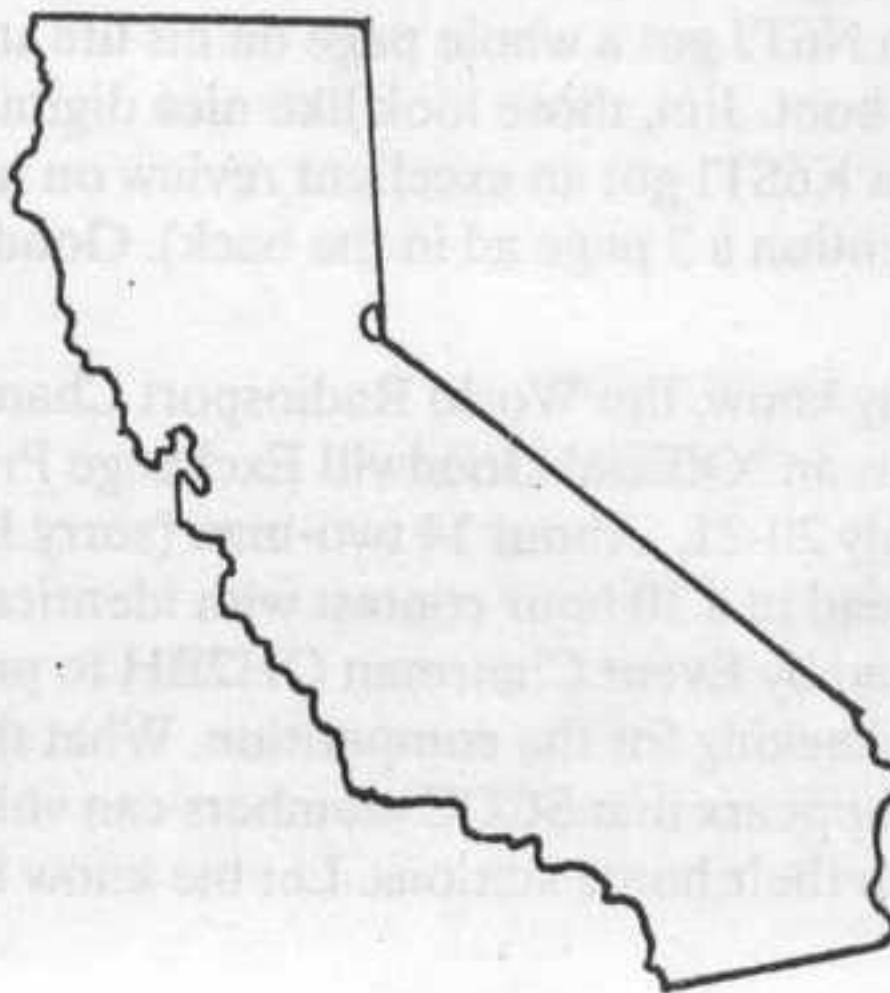
SCCCORE

DX CONVENTION

OAK VIEW, CA, March 29, 1990 — The next meeting of the SCCC will be held in conjunction with the Famous DX Convention in Visalia, California; the weekend of April 6-8th. The meeting will be an informal gathering. Members will probably be rounded up on Saturday after lunch and a quick meeting will be held in order to comply with ARRL rules regarding number of meetings per year.

We hope to have a great turn out at the convention. The topics for the meeting, if held, will be planned future "contest activities", drinking of BEER, plus lots of TALL stories and wild TALES!

RESULTS



1989 CALIFORNIA QSO PARTY

SCORES

N6ND M/S	ARRL CW	
Band	Q's	Countries
160	12	9
80	121	34
40	378	64
20	300	71
15	481	77
10	332	70
		1.583M

AD6C M/M	ARRL CW	
Band	Q's	Countries
160	19	13
80	110	31
40	546	73
20	518	88
15	560	75
10	474	85
		2.03M

WA6IET M/S	ARRL PHONE	
Band	Q's	Countries
160	0	0
80	33	17
40	75	31
20	168	64
15	542	75
10	629	78
		1.15M

KV0I S/O ARRL PHONE
700 QSO's by 150 Countries

Top Ten Band Breakdowns

Out-of-State		10S	10C	15S	15C	20S	20C	40S	40C	75S	80C	160S	160C
Call	Score												
KB9S	144,014	727	44	88	40	112	35	39	33	25	15	0	0
K4XS	132,878	587	55	122	36	128	30	61	19	18	13	0	0
KV0I	132,066	717	42	49	36	101	40	21	32	0	17	0	0
NOBSH/9	109,272	569	31	54	27	124	21	0	29	33	0	0	0
K920	107,938	467	36	72	37	92	46	34	26	24	16	0	0
WSASP	106,488	667	50	43	31	20	27	2	16	0	0	0	0
NB1B	89,661	365	43	97	41	41	54	5	25	12	16	0	0
KE9I	83,619	527	21	35	15	80	10	0	15	0	0	0	0
AJ9C	81,054	501	37	17	9	73	14	0	16	0	4	0	0
N1CC	80,245	218	74	146	48	44	54	8	33	0	0	0	0

California		160S	160C	75S	80C	40S	40C	20S	20C	15S	15C	10S	10C	VHF
Call	Score													
K6NA	366,618	11	6	42	35	78	103	246	95	452	114	1634	112	0
W6GO	350,436	10	19	90	57	84	80	350	69	263	65	1667	66	23
W6RO	304,268	19	25	49	50	58	62	168	149	356	135	1104	157	2
A16V	288,318	10	17	66	35	82	86	186	101	301	84	1218	92	0
W6REC	228,578	0	10	34	27	82	33	178	162	97	92	933	107	0
W6BIP	218,370	0	0	0	26	100	78	154	66	255	98	805	109	3
H6VR	217,906	3	4	13	16	83	82	360	128	111	56	716	109	0
WX6M	212,860	0	0	35	0	85	0	319	0	223	0	1173	0	0
KD6rW	201,492	0	0	62	0	28	0	117	0	393	0	1137	0	0
W6AB	197,838	0	0	38	19	21	55	140	158	116	96	750	99	0

SCCC OFFICERS: Pres. NC6U, Kevin; Vice Pres. N6JVW, Morgan; Sec./Treas. (Bulletin Editor) N6ADI, Ski. SCCC dues are \$4. per year and payable to M. Brozowsky, Box 73, Oak View, CA. 93022

President's Message 4/90

It's been tough to get into contest mode after the last 6 weeks at work - only made a 100 or so Q's in each ARRL Test, and missed the SSB WPX altogether. Fortunately, I received the latest copy of the NCJ yesterday and had a chance to remember my priorities in life! It was nice to see active SCCC'ers get some well-deserved ink. Jim W6YA wrote a great letter about making a stand when some Lid attempts to take over your frequency in the heat of battle. Jim N6TJ got a whole page on his life story (Ham Radio Mutant Award?) and a picture to boot. Jim, those look like nice digital voicers in that picture - who made them for you? Brian K6STI got an excellent review on his MN and YO antenna modelling programs (not to mention a 3 page ad in the back). Good work!

As you may know, the World Radiosport Championship competition has been officially accepted as an "Official Goodwill Exchange Program" of the 1990 Goodwill Games in Seattle, July 20-21. About 14 two-man (sorry Bella) teams from invited countries will go head-to-head in a 10 hour contest with identical stations, phone and CW. The SCCC has been invited by Event Chairman OH2BH to provide official monitoring stations and accuracy checking for the competition. What this exactly entails has not been worked out yet, but it appears that SCCC members can volunteer to monitor the operation of individual teams from their home stations. Let me know if you are interested in making this thing work.

There is a chance that the competition could get some TV air time to reach an estimated 1 billion viewers worldwide. This could have exciting possibilities. Imagine the closing moments of the contest as the teams thunder down the stretch run. The TV camera zooms in to capture the face of some contestant straining to pull one last mult out of the RF jungle. Elation as one op out-manuevers another in the pileup. Dispare as the rare station QRTs before he can be worked. Can you see ABC Sports' lead-in footage for "The thrill of victory, the agony of defeat" as the cable suddenly snaps in a 4 section crank-up tower, causing the tribander to come crashing downward and end up looking like a spider with a broken back? The big three radio makers will sponsor commercials like "Wouldn't you really rather key a Kenwood?" or "Keys great - Less splatter" or even "This Icom has a 3rd-order intercept of +41 dB - You can take my word for it." Colleges will start recruiting for campus radio clubs and offer contesting scholarships. Hot shot collegate operators will claim hardship ("I need the money - my family can only afford a used Swan 350") and turn pro. Stay tuned!

This month's meeting will be a "meeting-at-large" at the International DX Convention in Visalia April 6-8. No formal meeting of the SCCC is planned, so just go and enjoy the company and the convention. It is always a lot of fun to to meet old contest friends and put faces to the new calls you've worked in the past. Even though the convention officially begins on Saturday, most people show up Friday evening to get a head start.

73 and keep your rate up!, Kevin NC6U

ANNOUNCING THE OMARC SPRING 1990 MIDNIGHT SPECIAL

SPONSORED BY: OVERLOOK MOUNTAIN AMATEUR RADIO CLUB
(OMARC)
KINGSTON, NEW YORK

DATE: MAY 20, 1990 (UTC)

TIME: 0300 TO 0500 (UTC)

BANDS: 40 METER SSB (0300 TO 0400 UTC)
80 METER CW (0400 TO 0500 UTC)

EXCHANGE: THE "NAME" AND THE "CALLSIGN" OF YOUR 'ELMER', THE HAM WHO MOST INFLUENCED OR HELPED YOU GET STARTED IN AMATEUR RADIO. TO MINIMIZE CONFUSION THE EXCHANGE SHOULD BE SENT WITH THE NAME FIRST AND THE CALLSIGN SECOND. ON CW A SLASH SHOULD BE SENT BETWEEN THE NAME AND CALLSIGN OF YOUR ELMER.

EXAMPLE: K5NA WOULD SEND "BERNIE/W5NIY".

VALID QSO: ANY OTHER AMATEUR RADIO STATION AS LONG AS HE GIVES YOU THE REQUESTED INFORMATION. ONLY ONE QSO PER STATION PER BAND/MODE IS ALLOWED. PLEASE REMOVE YOUR DUPLICATE CONTACTS.

SUGGESTED FREQUENCIES: 7230 TO 7250 KHZ ON SSB
3530 TO 3550 KHZ ON CW

CLUB COMPETITION: WRITE THE NAME OF THE RADIO CLUB YOU BELONG TO ON THE SUMMARY SHEET FOR A CLUB TOTAL LISTING. YOU MUST ACTUALLY BE A MEMBER IN GOOD STANDING OF THIS CLUB.

REPORTING: DEADLINE FOR REPORTING IS JULY 1, 1990. SEND LOGS, DUPE SHEETS, BAND/MODE TOTALS, AND A STATEMENT OF HONORABLE AND FAIR COMPETITION TO W2XI WHO IS OK IN ANY CALLBOOK OR:

BOB SCHWENK - W2XI
133 CLIFTON AVENUE
KINGSTON, NY, 12401

RESULTS: THE RESULTS WILL BE PUBLISHED IN THE NATIONAL CONTEST JOURNAL (NCJ).

FOR MORE INFO CONTACT: K5NA, PO BOX DX, COTTICKILL, NY, 12419
TELEPHONE 914-687-9700 (HOME NUMBER)

DX & CONTEST QUIZ no. 3, by RAY BENNY - N6VR

1. If you work and confirm all 50 states, how many zones have you confirmed? A) 3 B) 4 C) 5 D) 6
2. How many Zones does Antarctica occupy? A) 5 B) 6 C) 7 D) 8
3. How many 'G' prefixes count for DXCC? A) 6 B) 7 C) 8 D) 9
4. In countries that do not permit 3rd party traffic, is it legal to allow a 3rd person to enter a QSO even if an amateur is controlling the equipment? A) Yes B) No C) Depends
- 5) What is the last deleted country? A) KZ5 B) EA9 C) 8Z4 D) 9M2
- 6) The prefixes CE9, ZL5, VK0 and AT are for what DXCC country? A) Antarctica B) Shetland Islands C) Serrana Bank D) Arctic
7. What form of propagation is involved when a Colorado station works a Southern California station on 10m with both antennas pointed South West? A) Long path B) Short path C) Back scatter D) Vertical polarization
8. What DXCC country lies within the 225 mile border of Antarctica but counts as a separate country? A) Peter Is. B) Bouvet Is. C) McMurdo Stn D) Kingman Reef
9. Are spotting nets permitted for single operator entries in most DX contests? A) Yes B) No C) For receiving only
10. USSR occupies how many CQ Zones? A) 5 B) 6 C) 7 D) 8

ANSWERS QUIZ 2 (from Dec 89 Issue)

- | | |
|------|--------------------|
| 1. A | 6. C - BY, JT, UA0 |
| 2. B | 7. B |
| 3. A | 8. D |
| 4. D | 9. A |
| 5. D | 10. D |

SCCC SOFTWARE LIBRARY

To those of you that requested lists; Please stand-by as they are forthcoming. I am in the process of updating the lists with recent acquisitions. Look for a response to your request sometime in April. Thanks to those that sent in the software. Ski, N6ADI.

ROTATE YOUR ROHN 25

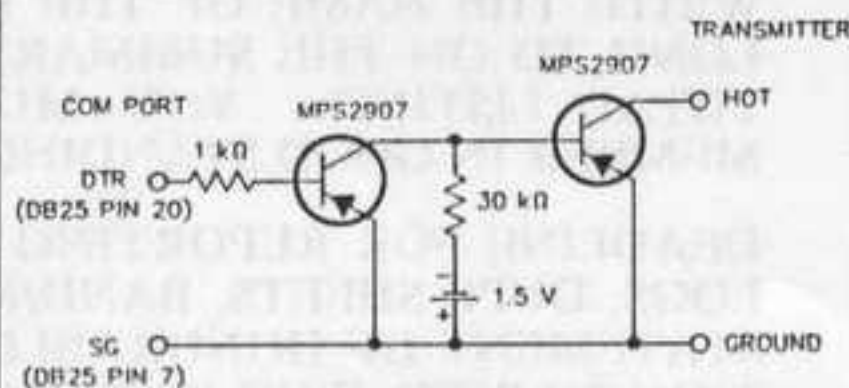
(Reprinted from NCJ Mar/Apr 89)

Rotating Tower Systems has announced production of the hardware necessary to convert your modest Rohn 25 tower into a "Christmas Tree." RTS has been making rotating guy bearings and rotator mounts for Rohn 45 and 55 tower for some time. Now there's a practical solution to erecting monobanders or stacking Yagis for those of you on a modest budget. Contact Dick Weber, K5IU, of Prospect, Texas, at (214) 347-2560 for more information.

COMPUTERS KEYING OLDER RIGS

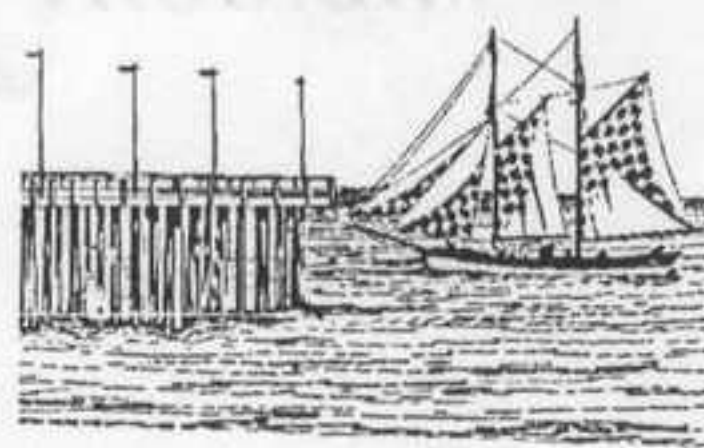
(Reprinted from NCJ Mar/Apr 89)

Mike Griffin, WE6G, reminds us that not all contesters using personal computers to key their radios have solid state equipment. Mike has come up with the following quick and dirty circuit to key negative-keyed radios from a serial (COM) port.



SCCCORE INPUTS

We're always looking for inputs for the SCCC SCCCORE bulletin. If you have items to share, articles, statements to make, items for Sale or Trade; the SCCCORE is your opportunity to get the word out to over 100+ contesters/DXers. Box 73, Oak View, CA. 93022... Do it now!



EDITORIAL

In reading the latest NCJ and the results of the CQP (California QSO Party) I noticed a lot of SCCC multi-op efforts that required some advanced planning and good organization. Some of these efforts, in my opinion, would have made excellent club efforts had they been open to members that wanted to participate but had no notice of any activity in the club bulletin. As Mark stated in the last issue of SCCCORE, we as a club need to continue to develop new blood or the art may die. I am sure that some members that are generally out of touch with fellow members (largely due to geographical expanse of the club) would have loved to have become involved with such efforts. They might have even contributed to the available equipment or the success of the operations.

We must realize that some of the club members (although not the majority), want to see a return of some club operating functions (be they FD, CQP, CQWDX or a romp in some park during a contest weekend.

The SCCCORE is continually asked by card, letter, and in conversation when the next club effort will take place?

It's really up to you that are asking these questions to make these activities happen!

However; if you are planning an operation that is open to fellow members; Please let the word go out through the club bulletin that the opportunity is available to fellow members, then if no one participates, at least the opportunity was there for them to do so...Alternate opinions are warmly welcome and will be printed!

Meet Mr. Messenger!...By

Steve J. Noll, WA6EJO (Reprinted with permission from The KEYSER, the newsletter of the Ventura County Amateur Radio Club)

Gosh, how does Dick, WA6JOX, do it? He keeps coming up with these really keen items month after month! Last time it was Buzzer-Generated -X-band, now its Mr. Messenger!

Mr. Messenger is a digital voice recorder. It is a Leviton product- a company that's been into electrical switches 'n plugs for decades. Mr. Messenger, I call 'im "Mr. M", for short, is a widget that is meant to replace the plastic switch plate of a household light switch. At the top of the plate is molded a box about 3" square. Inside this box is Mr. M's heart, er... brain, no, mouth!, well, hell- it's just a circuit board. Add to that a small speaker, microphone, some buttons, and a 9 volt battery. So, whatzitfor?

Here's what you do. You press the button marked "record" and speak to Mr M. He records your message- up to 16 seconds worth. For instant gratification you press the "play" button and you hears whats you just said. Golly! The speech quality is pretty good too.

When you think you're ready, flip the "auto" switch and run! Now, whenever some unsuspecting soul walks near Mr. M, he repeats your message. Wow, magic!

Hey, how does he do it? Well, Mr. M don't come with no theory of operation, fool! We gotta pry his skull open and look.

The circuit board's gotta lotta parts on it. There's about 100 transistors, capacitors, resistors- you know, things like that. The real important stuff is the four integrated circuits. One's just a CMOS gate chip, one's got some funky house number that's not in the IC Master, one's some kind of special thing- I think it's called chip-on-board technology- looks like a hybrid- a small circuit board mounted on edge. This is probably a speech compressor/expander that crams your 16 seconds of babbling into the last chip- a 51C256 Dynamic RAM which holds 262,144 teensy bits of data.

Mr. M's fool detector is a photoresistor "eye" that peers out the front. It looks for a change in ambient light level to indicate that someone is walking by.

Well, I just couldn't keep my hands off of him! Fire up the oscilloscope! Heat up the soldering iron! How can I get him to automatically repeat the message over and over? (Do I smell a contest "keyer" ???)

Piece of Cake! Pokin' around with the 'scope probe finds many places with pulses on them even when 'ol Mr. M is in his sleep mode. I just capacitively coupled one of these signals with a 0.1 uF cap over to one

side of his photoresistor eyeball. This electronic stick-in-the-eye keeps him blinkin', and thinkin' that someone is walkin' by! Thus, the message is repeated over and over.

Gee, what else can I do to poor Mr. M? Well, I just finished these two neat laser receivers for the club laser project... (You just KNEW I wuz gonna fit lasers in here somehow, didn't you?) What if Mr. M could speak their language? (Do I smell solder melting?) Okay, I replaces the speaker with a Light Emitting Diode, a current limiting resistor, and a 1000 uF coupling capacitor, and voila! I hear the sound of music with my handy dandy laser beam interceptors. Neat!

Just think of the possibilities- a voice contest keyer, a simplex repeater, a voice IDer for repeaters... (Oh Gawd, not another Club Project!)

I got my Mr. M at Builder's Square in Oxnard. They keeps 'em with the doorbell parts- I don't no why. He set me back \$24.96. He draws only 8 mA from the 9V battery, by the way. Keep 'em coming, Dick!

73, Steve, WA6EJO

PS: I also have found a capacitor that controls Mr. Messenger's heartbeat ("clock-rate" to you digital guys.) Changing the cap will change Mr. M's speed of talking. That's right, you can raise or lower his pitch at will. I didn't do any measurements, but I think it should be possible to improve the speech quality by speeding up the clock rate (smaller capacitor.) The price would be shorter recording time.

FOR SALE OR TRADE

Sold
FOR SALE: Commodore 64 System including: 13" Color, Disk drive, power supply, 3 joy sticks, 1200 baud modem, dot matrix printer, lots of software (Ham Radio & Packet Terminal emulation, Word Processing, Utilities, Applications and games)..Plus more \$450. Complete Ski N6ADI (805) 649-3339.

FOR SALE: Commodore 64 System including: color monitor, disk drive, power supply, joy sticks and software. \$350. Ray N6VR, (805) 649-9696.

WANTED: Handhelds to be used for remotes. Preferrably ICOM IC2AT, IC3AT and IC4AT. These radios are desperately being sought to complete a project. Call N6ADI Ski at (805) 649-3339 home or (805) 982-2097 work.

Bulletin Boards (catering to hams)

(619) 279-3921 RadioSport (2400 baud)

(213) 761-8284 Trio-Kenwood USA (1200 baud) (wkdays 5pm-8am, 24 hrs wkends)

(619) 273-6339 CIA (2400 baud) (SWLs and scanner freaks)

SCCC NOTES:

TOM, W2KVA, in a recent letter to the editor suggests that the club plan another club contest effort to XE2 or at the least some other location.

ARRL DXCC DESK announced that Walvis Bay (ZS9) was added to the ARRL DXCC Countries List by unanimous vote on February 22. DXCC credit given for contacts on or after September 1, 1977. Submittals accepted on or after June 1, 1990.

SCCC

Southern California Contest Club

P O Box 73

Oak View, CA. 93022

**DATED MATERIAL/
PLEASE DO NOT DELAY!**

**MEMBERS: CHECK YOUR LABEL
FOR EXPIRATION DATE**