

SQUELCH TALES

SAN DIEGO REPEATER ASSOCIATION

VOLUME IX

NOVEMBER 1981

NUMBER 11

KNOW YOUR REPEATER MT OTAY

SQUELCH TALES is proud to present this month a continuing article in the "Know Your Repeater" series. Ed Flinn, WA6YVX, low profile trustee of the Mt. Otay repeaters since 1974, has done a great job in documenting the events that have led to not only the highly successful repeaters today on Mt. Otay, but the foundations of the SANDRA organization as well. Ed wrote the "Lets Go To Otay" article in this issue. See page one for his excellent write up. Tune 146.04/146.64, 222.60/224.20 and 444.50/449.50 for Mt. Otay.

Many visitors to our repeaters on Mt. Otay ask "where is the repeater located?" The top of Mt. Otay is 3572 feet elevation, 2.6 statute miles north of the Mexican border, and 17 miles inland from the ocean. We are 20 miles southwest of downtown San Diego. Our newly constructed 12 x 20 foot blockhouse and antenna site is on the North slope of the mountain at 3495 feet. Outlanders also occasionally mispronounce the name. Otay is pronounced "Oti" not "Ota". This Indian name is attached as well to Otay Mesa, Otay Valley, Otay Rancho, Otay River and Otay Lakes. The translation from Indian varies; either "wide and level place" or "brushy place". Our volunteers who periodically climb the mountain on landscape cleanup details vote for the second definition! By the way, our trustee is looking for volunteers now. This chore is overdue this year. Call Ed at 426-4881, and get a chance to see our equipment setup as well.

ALSO IN THIS ISSUE:

- SQUELCH TALES first love story - By Diane, K6HIT
- POTPOURRI - Notes from the editor, W6UZL
- CAL'S CORNER - Quality as usual
- JOB OPPORTUNITIES - Two separate openings
- NEW MEETING PLACE - First class facility
- And much more

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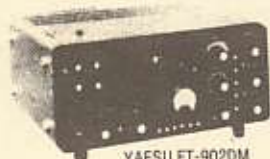
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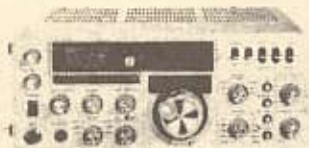


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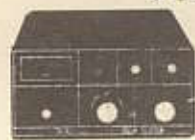
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LET'S VISIT MT. OTAY

By Ed Flinn, WA6YVX

The earliest available records of our club repeater activity indicated that in early 1966 the San Diego VHF Club had several repeater feasibility and evaluation committee meetings involving: K6GAO, WA6OSB, WA6LAG, K6RVR, WA6TAD, WB6DSL AND W6NLD. As a result of these meetings the San Diego Amateur Radio Relay Association (SDAFMRRRA) was established in April 1966.

Early in 1967 the first two meter repeater was located at Earl's, WA6LAG, QTH for control interfacing and testing. The repeater consisted of a Motorola Sensicon "A" receiver and a 60 watt Motorola 140D transmitter, utilizing 829B's. The first frequencies were 146.34 Mhz. in, 146.84 Mhz out.

Through the efforts of the first trustee, Walt, W6LFL, a site was obtained through Jack Reikler. During May 1967, the repeater was installed on Mt. Otay with the help of W6LFL, WB6TYR, WA6OSB, WB6DSL and W6JLU. Since cavities and duplexers were not available, split sites were used to separate the transmitter and receiver, 1700 feet apart. The 450 Mhz repeater was an RCA CMU-15. Summer of 1968 brought us a better Motorola receiver, a Sensicon "B" for 146.34 Mhz.

By June 1969 the output frequency was changed to 146.85 Mhz. to conform to the new band plan. During the ARRL Convention at the San Diego Hilton in November 1969, the output frequency was temporarily changed to 146.94 to accommodate transients from out of town.

The first board listed was in July 1969, with W6LFL as Chairman. WA6OSB as Vice-Chairman, K6GAD as Treasurer, and WB6DSL as Engineer. Others listed were W6NLD, WB6TYR, WA6LAG, and W6JLU. By August 1969,

the roster included 12 members by adding WB6BOX, K6BTO, K6EUW and WB6APU.

Ken Decker, WA6OSB, was the first trustee for the club call WB6WLV for Mt. Otay. Ken was instrumental in pioneering 2 meter amateur FM in San Diego back in 1961 and was our first net control for the Sunday night Mt. Otay net.

The roster increased to 60 members by May 1970. Of special note are 13 of those who are current members and deserve honorable mention:

WA6BDW	W6GQC	W6NPV
W6BLK	K6HGT	WB6SML
K6BTO	WA6IES	WB6SYD
K6GAO	WA6JCG	WA6TEK
	WA6LAG	

Between 1971 and 1972 the two meter repeater was replaced with a Motorola B53AKB, and the 450 Mhz. repeater was a Motorola B44AAB. June of 1972 brought SQUELCH TALES into being by the first Editor, Dave Sones, WB6TFC. Little documentation of club repeater activity existed prior to SQUELCH TALES so facts are a little "sketchy".

During August 1972, Gordon, WA6LBV, was appointed trustee. Gordon compiled an extensive technical paperwork package to comply with the new FCC repeater requirements of Docket 18803. Among the technical committee were Jim, K6UZP, Marty, K6KTP, and Bob, WB6APU. Also during August 1972 the Southern California Repeater Association (SCRA) assigned us our current frequencies of 146.04 Mhz. in, 146.64 Mhz. out.

A contest for a new club name was held in December 1972. It was won by Bill Cheverton, WA6SQZ, for his entry of the "San Diego Repeater Association", (SANDRA).

September 1973 brought the first elected board for SANDRA with Ron Barrett, K6MZW, as President. By this time we received our first repeater callsign, WR6ACF. The board appointed Ron, K6MZW, as trustee. Our membership roster at that time was 150.

Christmas 1973 brought a reconditioned Motorola Hybrid 2 meter

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repeater, a J53MPY. After much hard work of interfacing the control, identifier, and the 450 Mhz. repeater by Jim, K6UZZ, and Marty, K6KTP, it was installed on Mt. Otay in March 1974.

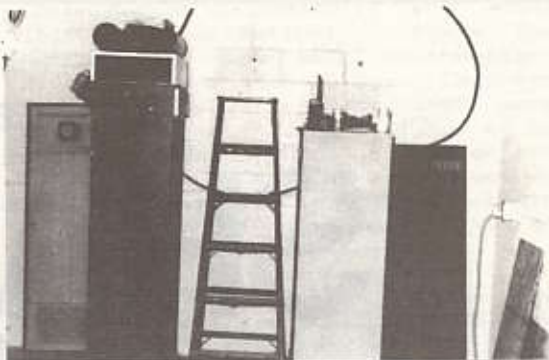
During April 1975, President Dave Fender, K6QL, appointed our present trustee, Ed Flinn, WA6YVX, as trustee for Mt. Otay. The following September, the repeaters were moved to Jim Smith's Otay site. Among the technical committee were Dwight, WA6SIG, and Ed, WA6YVX. Membership by this time was over 250.

A G.E. Mastr Pro Hybrid UHF repeater was installed in June 1976 to replace the old Motorola B44AAB tube 450 Mhz. repeater. In November 1977, the input frequency was changed to 444.500 Mhz. to conform to the standard 5 Mhz. split band plan. A short time later a 1B PL reed was added to help minimize the commercial repeater interference. By now our membership roster had grown to 500.

A new 220 Mhz. repeater was installed on Mt. Otay in June 1978. The frequencies are the current ones: 222.60 Mhz in, 224.20 Mhz out. The repeater, built by JBW Electronics, consists of a Midland 13-509 receiver, 10 watt transmitter, associated control circuitry, pre-amp and built in identifier.

June 1979 was the date we applied to the BLM for our own lease for a site on Mt. Otay. The long hours and hard efforts of Jim Allen, W6DGC, were awarded by the BLM granting us a permit for our own Mt. Otay site in February 1980. Also in February our 2 meter power supply in the J53MPY burned up. Unsuccessful attempts to repair the supply on the hill brought us to installing the newly arrived G.E. Master II solid state 2 meter repeater. The technical committee included Vance, WA6KHA, Dave, N6BSD and Ed, WA6YVX. Membership by now was over 750.

In March 1980 we received our final eviction notice from Jim Smith, effective in April. The J53 power supply was repaired and the repeater



Left cabinet: GE Mastr II 2 meter repeater, 220 repeater and duplexer. (2 meter duplexer on top.) Right cabinet: Motorola C74MSY 450 repeater and duplexer. Step ladder: W6PDA.

was installed on Mt. Helix in April 1980, while the Mater II was removed from Mt. Otay. The Mastr II was later installed on Lyons Peak in May 1980, where 04/64 operated for a year.

Construction began on our new site in September 1980. After a tremendous effort by the members, both physically and financially, the greatest feat in the history of the

(Continued on page 5)

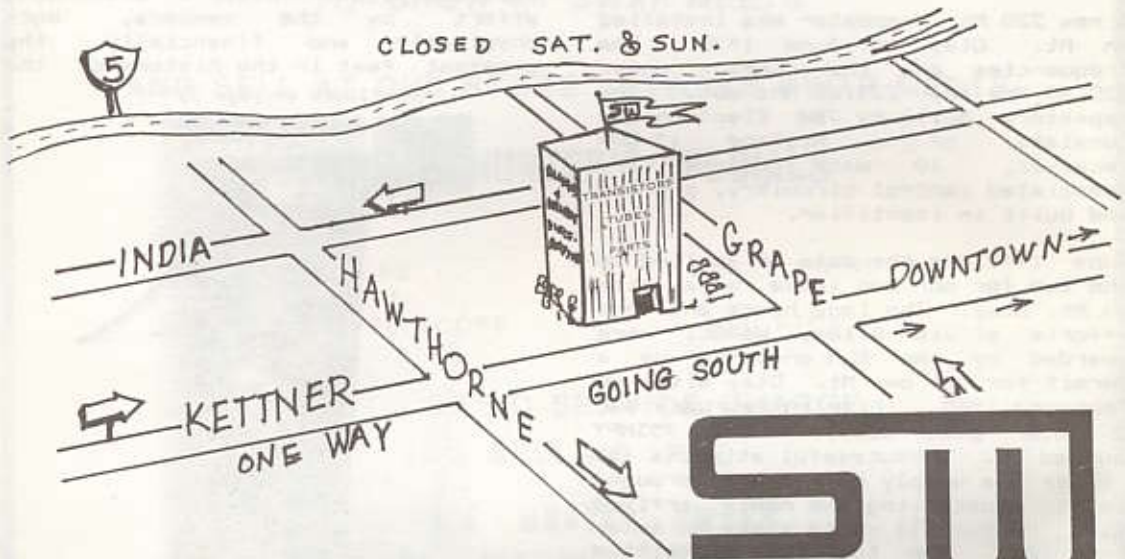


GE Mastr II cabinet interior, top to bottom: 2 meter duplexer, control panel, 2 meter repeater, 2 meter power supply, 220 repeater, 220 duplexer.

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Red Flag Patrol - Last July in SQUELCH TALES we reported the support by ham radio operators to the California Division of Forestry during potentially hazardous forest fire conditions. The Red Flag Alert sounded again on October 31. For three days we saw classic Santa Ana wind, temperature and low humidity conditions. Art Smith, W6INI, reports that 50 call signs were represented by those who patrolled 16 routes in the county during those tense days. No major conflagrations developed. Channel 8 television's I.J. Hudson, K9ICF, was on the scene with his camera crew and again gave the public a good snapshot of public service by hams, featuring activities at the Monte Vista Ranger station and Lloyd, WD6CSS and Jan, WA6OTE on patrol.

New Type Style - This month we thank Mike, WA6URR, for doing the word processing for SQUELCH TALES. Mike is filling in for Sybil, W6GIC, who is hitting the books for her doctoral degree. Mike has a 64k dual 8" CP/M system. The printer is an Epson model MX-80.

Repeater Interference - "Handbook for Local Interference Committee" is a very useful 67 page manual on tracking down and dealing with malicious interference. Edited by K1FN, this book has just been published by the ARRL. We have ordered a copy for club. Contact the editor if you would like to review it.

Solar Panels - Lon, W6SLF, is taking names of parties interested in a very good buy on solar panels. These are ARCO panels as demonstrated by Bill, W6THR, at recent ham events. Rating is 2.03 amps at 16 volts. These panels will keep your battery charged to 13.6 to 13.8 volts. They normally go for \$495, and can be had on the quantity buy which he is setting up for \$330. Call Lon at 278-4284.

SANDARC - October monthly meeting attracted the representatives from 11 of the 15 member clubs. Letters of thanks were read from Westlink (\$500

contribution by SANDARC), and AMSAT (\$1000 contribution). Plans for HAMCOMP 82, the ARRL Southwestern Division and San Diego Computer Society conventions for 1982 were discussed. Put June 4, 5 and 6 on your calendar. Club prices for the Radio Amateur Callbook were quoted. We can save 10% to 20% on their publications if we order five or more. Call W6UZL for info.

Behind The Scenes - This month a new roster accompanies SQUELCH TALES. We try to update every six months. The man responsible for maintaining membership lists, producing mailing stickers each month for SQUELCH TALES, and generating the roster is SANDRA member Bob Squire, N6AFB. Our hats off to you Bob, for voluntarily shouldering this tedious task. Another we tip our hat to this month is Marge Belliston, wife of our treasure, WB6CDK and mother of our membership chairman, WA6KHA. Marge watches our mail, checks phone calls to our number, mothers the new membership applications, and in general keeps an eye on a lot of details necessary to a club like ours. Thanks to our low profile workers, Bob and Marge!

(Continued from page 3)

club was finally accomplished on May 16th, 1981, with the completion of the site and all 3 repeaters installed and operating. Membership in 1981 is now almost 900.

Throughout the moves between Otay, continuous operation was available on 146.64 Mhz. Between the J53MPY and the Mastr II repeaters, not a minute of coverage was lost. The J53MPY is now back on Lyons Peak on 146.265 Mhz.

The current repeaters on Mt. Otay since they were installed in May are the G.E. Mastr II 2 meter repeater, JBW Electronics 220 Mhz. repeater, and a Motorola C74MSY Mhz. repeater. All repeaters are solid state, each have Phelps Dodge 6 cavity duplexers, and Phelps Dodge Stationmaster antennae, connected with 1/2" 'cuflex' hardline.

Ed, WA6YVX

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MEMBERSHIP MEETING

October general membership meeting was held at the North Park Recreational center on Thursday the 15th.

Vice president Larry, WA6AIL, reminded members that elections for club officers will be next February, and that it is time to start thinking about candidates. He said that the Board of Directors have expressed the desire for a mixture: Fresh blood and a carry-over to pass on the experience of prior officers. A possible consideration for change to our by-laws is to establish staggered terms which would accomplish this automatically.

Larry also commented on autopatch operating procedures, saying that lots of folks are redundant, all you have to do is: Give your call, punch up the number, have your conversation, punch down and sign off.

Plans are underway for a Christmas party and potluck dinner. Barbie, WA6URS, Larry, WA6AIL, and Bruce, N6EBL will be in charge. Feed them suggestions for the family oriented event. Mark December 17 on your calendar.

Padre, WA6DBW, raised the question of meeting attendance. He said that the South Bay Amateur Radio Society, with 84 members, had 35 show up on the first Thursday in October; El Cajon, with 146 members, had 80 at their meeting on the second Thursday; and here was SANDRA on the third Thursday with 836 members and only 30 present. Considerations raised in the ensuing discussion were:

- In the the minds of many, the purpose of SANDRA is to provide and maintain repeater service for hams, not a social club.

- Good technical presentations at meetings would improve the turnout.

- We should find a better facility for meetings

- We ought to poll the membership on these things.

Vance, WA6KHA, reported for the technical committee, the new Mt. Laguna 2 meter antenna has arrived. Schedule for installation to be determined. Lions Peak, 865/265 is still operating on a test sanction by TASMA. The repeater is currently using a beam antenna pointed toward Chula Vista in the transmit mode to reduce signals toward the Los Angeles area, where WR6BDL operates on the same frequency. WR6BDL is the Litton Amateur Radio Club repeater in Van Nuys. We are seeking to keep peace with these folks.

Four door prizes were awarded. WA6LAG, KB7QN and WA6KHA were winners. WA6KHA's tickets were drawn three times. The cash award of \$55 was not claimed, as the winner was not present. President WA6JTB announced that he will propose to the Board that if not won before, the accumulated cash will be awarded at the Christmas meeting, drawing until someone present wins.

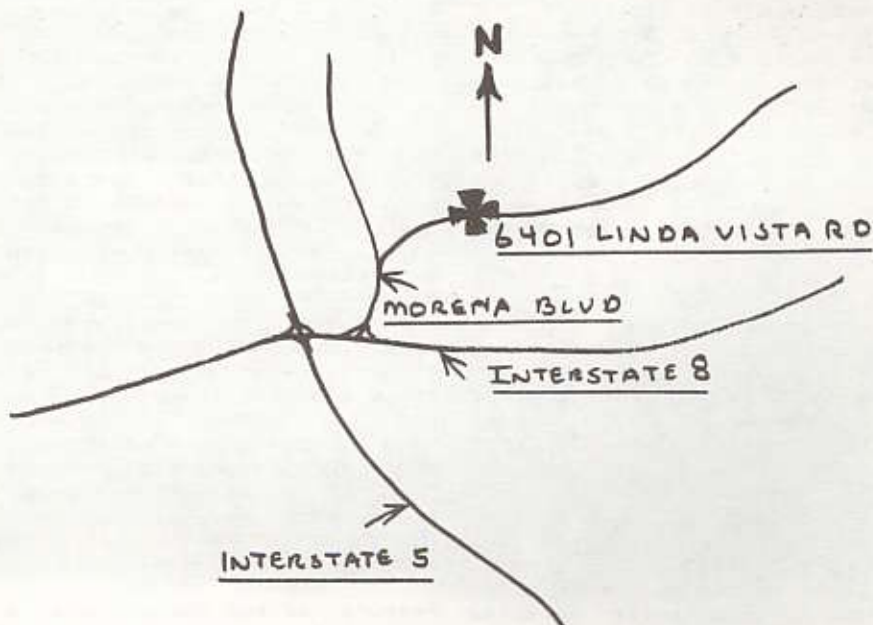
Feature of the evening was a slide presentation by Wayne, WB6TIQ. Subjects included construction of the SNADRA site on Mt. Otay; a visit to San Felipe, Baja California, with members of the XE2BC radio club and the Amateur Radio club of El Cajon field day site in 1979 and 1981.

SIGNED IN

N6DPY	W6YVY	WB6DRX	WA6SPF	W6GIC
WA6JGL	N6BRE	W6OED	KA6JEH	KA6IAS
WB6SHF	WB6POW	WA6BDW	WB6TIQ	K8WEN
N6ELY	W6IZS	KB7QN	N7CCG	W6GVK
WD6CWZ	WA6LAG	WA6URS	WA6AIL	KD6OC
WD6APP	WA6JTB	WA6KHA	WA6YVX	W6UZZ

\$55 DOOR PRIZE DRAWING
KA6NGO — NOT PRESENT
NEXT MONTH: \$60.

NEW LOCATION FOR SANDRA MEETINGS



DEPARTMENT OF EDUCATION 6401 LINDA VISTA RD

November SANDRA membership meeting will be at our new location, the San Diego County Department of Education at 6401 Linda Vista road. Through the efforts of Ken Storm, NEOP, we have been invited to use the modern facilities there. Plenty of seating, good acoustics, sound system, presentation aids ample, well lighted parking and so forth. This new facility will allow us to widen our goals for better programs and larger membership attendance.

Many thanks to the North Park Recreational Center for the use of their hall in the past.

Our next meeting date is Thursday, November 19. Featured will be a presentation by Bill Nelson, WA6FQG. Bill has spent 33 years solving RFI problems, including 16 years with Southern California Edison. He is coming down from Walnut, California to share with us practical solutions of interference to TV and Hi-Fi sets, grounding and safety. He has offered an autographed copy of his new "Interference Handbook" as a door prize. This program will be a winner. Visitors welcome.

THURSDAY NOV 19 7:30 PM

BOARD MEETING

Board Meeting Minutes
November 5, 1981
Bonanza Restaurant
2633 El Cajon Blvd.
San Diego, Ca.

Board Members present: WA6JTB, WA6AIL,
WA6URS, WB6CDK, WA6KHA, N6LY, N6EBL, N6AVR.
Board Members absent: N6B5D.
Guests present: K6BWT, W6GIC, K6WEN, W6UZL,
WA6OYI, WA6YVX.

The meeting was called to order at 7:30 pm
by our President John, WA6JTB.

Vance, WA6KHA, Membership Chairman, reported
our club membership is approaching 900.
There will be a roster in the November
issue of Squelch Tales.

Walt, WB6CDK, Treasurer, gave his report.
It appears elsewhere in this issue.

WB6CDK made a motion to investigate where
an investment of the savings account funds
could be made to bring more interest.
WA6URS seconded the motion. It passed.

Our treasurer was instructed to pay the
insurance premium. He is also to pay
\$48.78 in property taxes.

Bob, N6AVR, Meeting Chairman, has a new
location for our general membership
meeting. It is at 6401 Linda Vista Rd.,
Linde Vista.

Bruce, N6EBL, made a motion to designate
\$100.00 for door prizes at the Christmas
program. WA6URS seconded the motion.
It passed.

John, WA6JTB, appointed WA6KHA as assist-
ant to the Building Committee Chairman,
W6POA.

Dennis, WA6OYI, suggested the Board meet
to determine coverage and policies for
our club insurance. The Board is to meet
on Wed., Nov. 11, 1981, at W6UZL's QTH
at 6 pm.

WA6JTB requested WA6KHA to check on the
availability of 450 Mhz. equipment.
WA6KHA stated he had a Motorola C74MSY
repeater with community PL panel avail-
able for \$1200.00. Vance is to report
on his other findings at the December
board meeting.

WA6KHA made a motion that Sybil, W6GIC,
reserve a room for SANDRA's Hospitality
Room at the Town & Country for the 1982
ARRL Southwestern Division Convention/
San Diego Computer Fair. Larry, N6LY,
seconded the motion. It passed.

The Board will meet for a By-Laws committee
meeting on Wednesday, Nov. 18, 1981, at
7 pm at the Bonanza Restaurant, 2633 El
Cajon Blvd.

Larry, WA6AIL, moved and Bruce, N6EBL,
seconded the motion to adjourn. The
meeting was adjourned at 9:33 pm.

Respectfully,

Barbie

Barbie Flinn
WA6URS
Secretary
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- Aid to the solution and not contribute to the problem.
- Possess a stable personality

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SANDRA is really looking for folks with Commercial and Amateur Repeater Experience. On The Job Training Available.

MY CW-DX-ALL NIGHT CONTEST MAN

The sweetest voice on SANDRA repeaters these days is that of Daine Maringer, K6HUT. She has written the first love story to appear in SQUELCH TALES. By the way, the radio club she mentions where she met Rich was the Mike & Key Club, Encanto Community Center. The third bowl on the table belonged to their son Paul, who grew up to become WA6EER. Read and enjoy.

It was in the fall of 1958 that I met W6JVA at the local radio club. He was different from the other young men there. He kept his shirt tucked in and his hair wasn't tossed like theirs. Soon after he found out I was a novice, he became the club's self-appointed code-practice sender for the novices. It was then that I found out that he was a CW man. It had to be over the air, on 40 meters, and all those copying the code were supposed to tune their rigs onto his frequency to "check in" and let him know they were benefiting from his half hour of code practice. Of course it just happened to be a frequency of one of my xtals. And how was I to know I was the only one listening and "checking in"?

After a few weeks the code session was dropped because no one else was listening and he thought I could increase my code speed up to 13 words per minute just by "checking in" with him and chatting for a while. You might say we had a steady date for every Saturday afternoon on 40 meters.

When I moved from San Diego we still kept our Saturday date over the air. Distance is no longer a barrier to hams. Oh, we wrote letters too, but nothing romantic. Out of curiosity his mother found some of my letters but all she got out of them was "The wx has been fb the past wk", and "I blew a 6146 but got a new one with my allowance". In self-defense my dad got his radio license so he could learn the ham lingo to decipher Rich's letters to me. But Rich's

letters said about the same things as mine. When he came to visit me, we held hands under the dinner table and he would tap out messages in code on my knee.

After my high school graduation we decided that if we got married we could start talking to each other in English instead of code! Somehow we ended up in Wyoming for our honeymoon. It was there that I discovered he was more than just a CW man. He was a DX man too, and Wyoming was a "rare" state. Not only did I find out there was a CD contest but he found out that a ham wife knows how to keep logs and keep quiet!

House-hunting was not of the ordinary. The type of neighborhood didn't seem to matter. What really counted was whether or not the lot was on top of a hill for good DX. The lot had to be a long one running north and south, suitable for an 80 meter half-wave antenna strung in a likewise direction. Our house was small but there was still room for the rig on the kitchen table, until we had to set a third bowl on the table. We decided a whole building devoted to ham gear would keep things more organized and give up more room in the house. So my CW-DX man built a nice ham shack on the back side of the chicken coop. That way it would need only 3 sides and a door.

The years slipped by quickly but I began to notice something unusual in the winters. There seemed to be a lot more contests that time of year. I guess back East there isn't much to do then, except sit in a warm shack and get hung up in a good contest. But here in sunny California we can still paint peeling houses and mend leaking roofs at that time of year. Now I knew he was more than a CW man, more than a DX man. I was married to a CONTEST man, an ALL-NIGHT-CONTEST-MAN!

There had to be something cheerful about the season of winter contests that seemed to make their debut with the sweepstakes contest. Ah yes, our long looked for winter rains always begin on the opening of the sweepstakes contest. I'm not convinced

how the rains knew what day the contest would begin. But over the years it always managed to down-pour on that day so that no one in his right mind would want to be out cleaning up the yard or fixing that leak in the roof.

Another unusual phenomena always managed to occur at contest time too. The OM always seems to come down with a unique kind of headache, a pre-contest headache. Now I don't mean one of those "lay-me-out-flat" kind, but just a nasty, persistent one that makes one feel too bad to clean up the yard or fix the roof. It also seems to ease up a bit with several cups of hot coffee. And it's still pretty bad when there are only 17 contacts an hour. But 70 contacts an hour makes it disappear completely!

This year the rains ignored November 21, and refused to make their appearance. But the headache came on schedule. This time I had a headache too. So, while he took the coffee and contest for his cure, I used the coward's way out and took a nap. He came in long enough for some supper and more coffee. I reminded him that he had promised to get groceries that day and the stores would soon be closed. Turkeys were on sale and we wanted to get one before the price went back up. Now he might be a CW-DX-ALL NIGHT CONTEST MAN, but he's a husband too, who doesn't go back on his word. So he sacrificed some prime time to go turkey hunting.

Back home again, the night was still young and the bands were still in good shape. He took the key to the kitchen door so that he could get back in but no one else could. We had heard there was a rapist-murderer on the north side of town who had claimed 8 victims and Rich didn't intend to let me be the 9th.

I awoke several times in the night and found I was still alone. Once he came in and got the flashlight out of the kitchen drawer. At two A.M. I remembered that he didn't have a lock on the door of the shack. Anything could happen out there in the middle of the night and I wouldn't even know

it. I got up and turned on the kitchen radio. With his KW, and our sitting right under the beam he splatters all over the commercial broadcast band on our personal radio and it blinks the kitchen lights. I turned the dial, listening for the QRM but my heart sank when all I could hear was a stale sports report. The light were steady too. What had happened to him?

It was very dark and foggy in the chilly night. I didn't want to leave the kitchen door unlocked when I slipped out, but how else could I get back in? Would I find him slumped over his logs in a pool of blood? Or would he be laying across the coils of his KW? I was afraid to open the door to the shack. When I walked in, he removed his earphones. "How come I didn't hear you on the kitchen radio?", I asked. "I was just taking a last listen on the bands before I quit for the night," he said. "I just got my 300th contact and there aren't any new sections on now any-

(Continued on page 12)

EXPERT DIGITAL WATCH REPAIRS

DAN FARRELL KB6PH

MEMBER: AMERICAN WATCH MAKER'S INSTITUTE
SANDRA

JEWELERS SAY THEY CAN'T BE REPAIRED
90% CAN BE!

PHONE
714-224-6166

3017 TENNYSON ST
SAN DIEGO CA 92106

NEW MEMBERS

N7BUY	Jerry E. Wardrip	P.O. Box 1171	El Cajon	92022	463-2434
KB6BX	Frank Newman	7656 Normal Ave. #C	La Mesa	92041	
N6DJI	Claude A. Budzil	8734 Dallas St.	La Mesa	92041	466-0143
N6DKT	W. R. Vaughn	405 Date Ave.	Imperial Beach	92032	423-5601
N6EKQ	Joanna Darrow	1427 Vue Du Bay Ct.	San Diego	92109	488-4474
N6EXE	C. W. (Bill) Arnold	16125 Oakley Rd.	Ramona	92065	789-6716
N6FAT	Billy Dickens	6160 Lourdes Terrace	San Diego	92120	286-8951
N6FKI	Frank W. Crook	1287 Calle Candellero	Chula Vista	92010	421-6576
WB6JPP	R. N. Santosuosso	1302 Alta Vista Dr.	Vista	92083	724-2910
WA6OHB	Leona K. Wallace	5666 La Jolla Blvd. #102	La Jolla	92037	222-1494
WB6RCZ	Marion Hugo Buas	4369 Pescadero Ave.	San Diego	92107	224-2080
KA6RET	Russell J. Roome	P. O. Box 61	Mount Laguna	92048	473-8698
WB6RCY	George H. Gardner	9229 Lomker Ct.	Santee	92071	562-1288
K6YEO	Carl Wallace	5666 La Jolla Blvd. #102	La Jolla	92037	222-1494



TREASURER'S REPORT

Balance Forward		\$4,376.46	
<u>Income</u>			
Initiation	\$110.00		
Dues	802.00		
Squelch Tales Ad.	<u>180.00</u>		
Total Income			1,092.00
<u>Disbursements</u>			
Adm. & Supplies	21.29		
Squelch Tales	456.34		
Utilities & Telephone	19.21		
Maintenance & Repairs	553.99		
Net Refresh & Door Prizes	<u>32.85</u>		
Total Disbursements			(1,083.68)
Checking Account	\$1,845.28		
Savings Account	<u>2,539.50</u>		
	4,384.78		
Balance Forward	\$4,376.46		
Net for October	<u>8.32</u>		
Balance	\$4,384.78		\$4,384.78

(Continued from page 11)

way".

"Did I scare you when I opened the shack door?" I asked as he turned off the rig and lights. "No but I got scared pretty bad a few hours ago. I heard this big thump on the shack roof, and sounds like someone walking around up there. I thought maybe someone was coming to chop down my antenna because I was interfering on the their TV. Then the ducks started quacking in the chicken coop like they always do when you bring them

OCTOBER ANSWERS

1. I sub c (Ic) = 9.9 ma, I sub b (Ib) = 99 uamps.
2. $\beta = 99$ (BETA = 99)
3. $\phi = .98$ (ALPHA = .98)

NOVEMBER PROBLEMS

1. A series RLC circuit has a source frequency of 10 KHZ and R = 100 ohms, and C = 0.1 ufd, L = 1 mh.
 - (a) Determine the magnitude and phase of the impedance.
 - (b) At what frequency will the circuit appear resistive?
2. A series RLC circuit has a source frequency of 60 hz and L = 1 henry and the circuit has a Q of 10. Find the value of R and C.

N6CTX, F.D. Buell

table scraps. I went in and got the flashlight to see if they were ok and they were all asleep."

Shivering in the fog, I said, "How could you stand being all alone out there in the contest? Nobody could pay me to be out in that shed in the middle of the night. All those people on the air couldn't save you even though you felt you were in a room full of them."

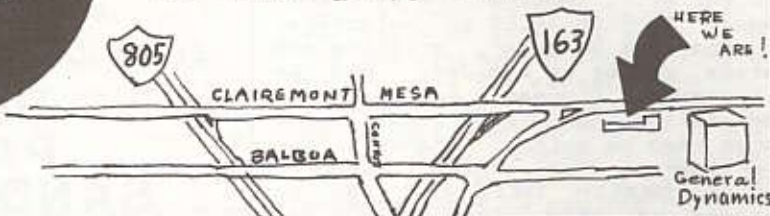
"I thought about that and decided if I had any trouble I could give an OM

(Continued on page 16)

**HAM
RADIO
OUTLET**

Glenn Rattmann K6NA

Tom McDuffie KM6K



LOOK! SPECIALS!

YAESU FT-208R 2M HT	\$325.00	
KENWOOD TR7850 (50W OUT).....	\$299.00	\$389.95
KENWOOD TR7730.....	\$289.95	
YAESU FT707 HF TRANCEIVER <u>SPECIAL</u> ...	\$699.95	
KENWOOD TS-130-S.... <u>SUPER SPECIAL</u> ...	\$679.95	<u>PLUS REBATE!</u>
DRAKE TR-7.....	(LIMITED TIME) \$1299.00	
YAESU FT-207R 2M HT.....	\$249.00	WHILE THEY LAST
COLLINS KWM-380 STILL AT OLD PRICE.	\$2695.00	
IC 730.....	\$739.95	
KENWOOD TS-530-S.....	\$669.95	
ROBOT 4000 (SSTV) AND 800 (CW/RTTY KEYBOARD)		

ON DISPLAY

LARGE STOCK OF ANTENNAS, ALL MAJOR BRANDS
UPGRADE NOT FOR WINTER DX SEASON!

WE STOCK TONE ENCODERS FOR MOBILES/HT'S
COME IN, BROWSE AROUND, AND SEE OUR GEAR

ASK US ABOUT THE KENWOOD REBATES!!

5375 Kearny Villa Rd., San Diego

560-4900

STORE HOURS: 10 AM TO 5:30 PM. CLOSED SUNDAY.

ADS, ANYONE ?

Last month in SQUELCH TALES we announced that we would print business cards for \$5.00. The editor received two calls from hams wanting to order some. We said it wrong! SQUELCH TALES is not in the printing business. We are looking for advertising! Send your business card to Walt, W6UZL, and we will print it in SQUELCH TALES for five bucks as an ad. We will add your call sign if you wish.

Advertising is the life blood of the club bulletin. Most of the effort to produce SQUELCH TALES is voluntary, but the cost of paper, printing and postage cannot be avoided. And we mail almost a thousand copies. Ads from fellow hams and local candy stores keep us going. Thanks to our advertisers for thier support. Mention SQUELCH TALES when you do business with them. Send us your ad! Rates are inside the back cover.

To quote from Bartlett's

The codfish lays ten thousand eggs.
The homely hen lays one.
The codfish never cackles
To tell you what she's done.
And so we scorn the codfish,
While the humble hen we prize.
Which only goes to show you,
It pays to advertise.

SPEAKEASY PIZZA



316 NORTH MAGNOLIA
EL CAJON SHOPPING CENTER

PIZZA PASTA SANDWICHES

HANS REUTER, KA6PNN

WE DELIVER

CALL 442-0906

SURPLUS ELECTRONICS

power supplies
IC's
switches

pc boards
relays
wirefans

motors -
connectors
meters

solenoids
lamps
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C & S SUPPLY

1469 Cuyamaca Street
El Cajon, California

Hours: Mon.-Fri. 9:30 - 5:30
Sat. 9:30 - 1:00
closed Sundays

located 1 mile north
of Fletcher Parkway

CALL US - TELEPHONE 448-5000

CAL'S CORNER

Happy Easter everyone, Cal

To my fellow Hams, Hamettes,
Hamsters, Hammer heads etc....

WD&Drink
Strong
Vodka

I wish to express my many thanks to those who volunteered information as to where I could find the 2" by 2" by 50' box so I could ship my solid rubber garden hose to my sister in South Dakota. Special thanks to Walt, W6UZL, who supplied me with the proper size box, primed and with end caps and special thanks to Jack, N6DSD, who used his influence with a local airline to enable me to tie the box to the back of a 727. The hose arrived two days later undamaged.

It seems that Walt had purchased some hose of the correct length with which to insulate his underground open-ended rhombic antenna and he had the foresight to save the boxes.

Got mighty cold out here in Metropolitan Santee last night. I spotted a chicken crossing the road with a capon.

The theft alert system for Jack's car (N6DSD) arrived, but unfortunately, it was stolen before I had a chance to install it.

Finally got that picture of Carmen, N6BBB on his QSL card and it came in mighty handy here at the place. Finally found a way to keep the neighbors dogs out of the yard.

Heard that Wayne, W6LNB finally got his house all barred up, so one of these days we'll have to get a bunch together and go down to Chula Vista and break out Lee (WB6JPX).

We were blessed last monday night on the repeater when reverend Smith, W6VCE got his tongue tied up in his eye teeth and couldn't see what he was saying and every one got a little rest!

And finally to Jason, NF6E, I found your frog and you can come and get him as soon as I de-program him.

KERCHUNK

Submitted by W6IZS

The KERCHUNKERS (San Diego chapter) meet each day when the repeater is not in use. To qualify as a kerchunker one must show his skill by pressing the microphone button long enough to activate the repeater but not long enough to I.D. or be identified. To be a certified kerchunker, one must follow this procedure successively until the mike finger fatigues or someone wants to use the repeater.

Be careful to kerchunk when you know no one is listening, so that legitimate repeater users will not be irritated and put an anti kerchunk device on the repeater.

By being a Certified Kerchunker, one can do the following:

- 1) See if your transmitter can access the repeater.
- 2) See if the repeater can hear your transmitter.
- 3) Enjoy the excitement of hearing the squelch tail.
- 4) See if the repeater is "up".
- 5) Use the repeater without having to talk to anyone.

It is a real thrill to put your license, your rig, and the repeater to use by kerchunking and be sure to complain when the repeater is "down".

The KERCHUNKERS are not taking any new applications for membership; we have too many members now.

(By I. AM. Dumb, Chief Kerchunker)

FOR SALE

Tempo S-5 with touch tone pad and desk top charger. \$275.00
WA6JQL Al 263-4662

JAMMER LOCATED?

(Continued from page 12)

On the regular Sunday nite SANDRA net on 04/64 last October 25, eyebrows and hackles raised when "W6JAM" called in announcing that he was looking for a six meter sideband rig. This callsign gained high notoriety when it was used illegally in Burbank by Scott Lookholder, WB6LHB, in late 1977 and 1978. Scott was stripped of his amateur license by the FCC as a result. More recently, this callsign also has been used maliciously in north San Diego county.

W6JAM on the net was for real, however. This has been the callsign of the SSSS Amateur Radio Organization. Trustee and license holder is Jerry Gastil, who is also K6DYD. And Jerry is really looking for a six meter rig. Call him at 278-9399. The acronym "SSSS" stands for seven six secret service", by the way, and that is a story all in itself. SQUELCH TALES hopes to tell this story and more to put the history of 2 meter FM repeater operation in southern California in the proper perspective someday.

JOB OPPORTUNITY

Helix High School is looking for a teachers aid to assist Lou Leterza, who teaches electric shop. Hours are 7 to 9 AM, 5 days a week. The applicant does not necessarily have to have a teaching certificate or even be a licensed ham, but must have knowledge of basic electronics and a patient personality and can work with people of all ages. Phone Mr. Leterza at 582-2508 for details and a personal interview.

our phone number and tell him to call you long distance so you could rescue me."

"I knew you were an ALL-NIGHT-CONTEST MAN," I said as I locked the kitchen door behind us, "but now I know you're just plain NUTS!"

By the way he got ready for bed I could tell his cups of coffee had worn off finally, and he had his headache. The contest had worn him out. I laid there with his cold feet on my legs and listened to him snoring, agreeing with myself I was glad to have back my CW-DX-ALL NIGHT CONTEST MAN.

Diane Maringer K6HUT

Mark, AG6Y, sends us the following from the Veteran Wireless Operators Association Bulletin.

CODES ON STAMPS

by D. K. deNeuf, WA1SPM

As any seasoned philatelist can tell you, the depicting of simple telegraphic codes on postal stamps issued years ago was not especially a rarity. But one of the most interesting stamps to appear, and which caused some confusion amongst even experienced communicators was the 5 yen stamp reproduced above which was released by the Japanese postal authorities on October 6, 1954. This commemorated the 75th anniversary of Japan's joining the International Telecommunications Union.

Those communicators who had forgotten about the old Japanese telegraph code were puzzled by the top strip of tape from an old telegraphic ink register. In that code it reads "KO-KU-SAI" - the Japanese word for "International".

On the right side, running from top to bottom is a strip of "Wheatstone" perforated transmission tape in the same code, which reads "DENKI" - meaning "Electrical" in Japanese.

On the bottom of the frame there appears a real brain twister for many. It is a strip of 6-unit Japanese teleprinter tape which reads "TSUSHIN" ("communications"), followed by "RENGO" ("union") and "KAMEI" ("accession"), and then 75 "SHUNEN" ("years"). (The Japanese at that time used a triple-shift teleprinter keyboard which facilitated the transmission of the full set of Roman letters and the Arabic numerals, plus the 48 "iroha" (ABC) extremely simple Japanese phonetic characters. The full Japanese written language includes many Chinese "Kanji" ideographic characters made up of some 1300



symbols. Modern Japanese teleprinters are capable of transmitting most of these characters over a 50 baud telegraphic circuit.)

Finally on the left hand margin of the stamp there appears a strip of conventional radio circuit syphon recorder undulator tape (called "ANDURATA" as spoken by old time Japanese operators) again reproducing the old "KATA-KANA" code - reading "KJNEN" - meaning in Japanese "Commemorative".

The two line inscription in Japanese characters in the upper portion of the stamp translates into "International Electrical Communications Union Accession (or affiliation) 75 year commemoration". A very old Japanese Morse telegraph tape inker (with a "key on base") is depicted in the center of the stamp.

This stamp is generally considered to be the most unique ever issued from the standpoint of telecommunication code history.

TEKNIKLE TOPIX

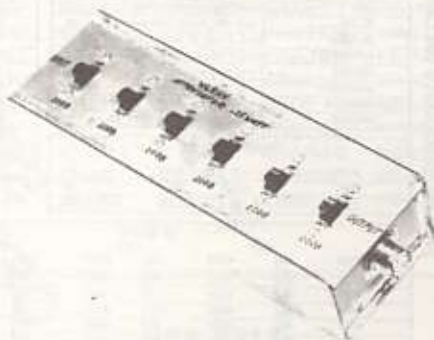
"T" hunting is still increasing in popularity. Bob, W6RHW, shares with us this month his version of the indispensable tool: the attenuator.

After attending a couple of "T" hunts I found that it was reasonably easy to get in the general vicinity of the hidden transmitter using a small beam. Once arriving however the receiver would saturate and further D F was next to impossible. Discussing this with the experienced hunters I received several ideas on using attenuators. The one I settled on was one recommended by KF6Z and published in the April 81 QST. While the article showed a five section attenuator there is really no limit. In my case I decided to use six sections. The design values are for 20db per section and my filter measured 17db per section in the lab. The filter may be made of scrap brass or copper or as in mine, 2 sided copper PC board soldered together with a 150 watt soldering gun. Inexpensive Radio Shack slide switches. Do not use toggle switches unless you have some designed for low capacity coupling. Radio Shack connectors were used at each end of the box for RF connection and 1/4 watt carbon 5% resistors were used. The more care you take in keeping the leads short and shielding between stages and soldering your box together, the better the attenuator will work. You may even wish to make one section lower attenuation. Its not going to be a \$350 dollar Hewlet Packard but I have knocked down a 15 watt trans-

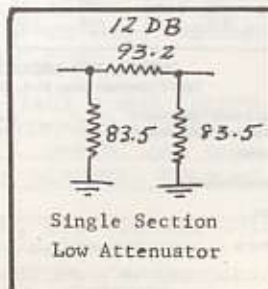
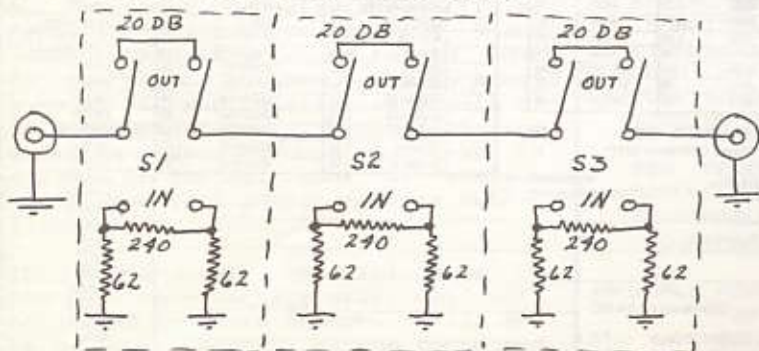


mitter down to S9 a hundred feet away. It does a respectable job for a minimum of dollars. Try one and good DF'ing. By the way, do not transmit into your attenuator!

Bob, W6RHW



This is the Attenuator that Bob Built.



Three sections. Bob used six sections in his rf attenuator.

SPECIAL-20% OFF PRICES SHOWN

SEPT.-DEC. 1981

THIS IS A REPRESENTATIVE LIST OF STOCK ITEMS, OTHER ITEMS AVAILABLE UPON REQUEST. SPECIAL DISCOUNTS ON LARGE ORDERS.

DIODES/ZENERS			
QTY	Part	Value	Price
1N914	100v	10mA	05
1N4005	600v	1A	08
1N4007	1000v	1A	15
1N4148	75v	10mA	05
1N4733	5.1v	1W Zener	25
1N4749	24v	1W Zener	25
1N753A	6.2v	500 mW Zener	25
1N758A	10v	1W Zener	25
1N759A	12v	1W Zener	25
1N5243	13v	1W Zener	25
1N5244B	14v	1W Zener	25
1N5245B	15v	1W Zener	25
1N5349	12v	3W Zener	25

SOCKETS/BRIDGES			
QTY	Part	Value	Price
8-pin	pcb	20	40
14-pin	pcb	25	50
18-pin	pcb	30	60
18-pin	pcb	35	70
20-pin	pcb	45	90
22-pin	pcb	50	115
24-pin	pcb	55	125
28-pin	pcb	60	145
40-pin	pcb	70	175
Molex pins .01	To-3 Sockets		35
2 Amp Bridge	200 prx		135
25 Amp Bridge	200 prx		225

TRANSISTORS, LEDS, etc.			
QTY	Part	Value	Price
2N2221 Plastic	NPN		20
2N2222A	NPN		15
2N2907A	PNP		35
2N3906	PNP (Plastic)		25
2N3904	NPN (Plastic)		25
2N3054	NPN 4A 90v		60
2N3055	NPN 15A 80v		75
1P25	PNP Darlington		95
1P26 TRIAC	200v 15A (TO 220)		195
SCR	400v 8A (TO 220)		195
SCR	30v 800MA (TO 9)		85
LED	Green Red Clear Yellow		19
DL747	7 seg 58' High com-anode		195
DL726B	doub 7 seg 5" com-cathode		250
MAN6740	doub 7 seg 5" com-cathode		250
MAN72	7 seg com-anode (Plat)		150
MAN3630	7 seg com-anode ± 1		100
MAN82A	7 seg com-anode (Yellow)		150
MAN74	7 seg com-cathode (Red)		150

9000 SERIES			
QTY	Part	Value	Price
9001		1.95	9322 65
9009		1.25	9601 40
9316		90	9902 90

C MOS							
QTY	Part	Value	QTY	Part	Value		
4000	40	4019	.75	4041	1.18	4081	.55
4001	35	4020	.95	4042	.95	4082	.60
4002	35	4021	1.15	4043	.85	4093	.90
4006	95	4022	1.00	4044	1.20	4096	2.25
4007	40	4023	.45	4045	1.95	4507	1.15
4008	90	4024	.95	4047	1.50	4511	1.25
4009	.75	4025	.45	4048	1.05	4512	1.25
4010	.75	4026	2.95	4049	.65	4515	2.75
4011	.45	4027	.85	4050	.65	4518	1.50
4012	.25	4028	.95	4052	1.50	4519	.65
4013	.85	4029	1.00	4053	1.00	4522	1.75
4014	.95	4030	.95	4050	2.25	4526	1.95
4015	.95	4033	2.50	4066	1.25	4528	1.50
4016	.55	4034	2.75	4088/74C04	.45	4529	.95
4017	.95	4035	1.75	4070	.60	MC14420	12.50
4018	.75	4040	1.10	4071	.40	MC14419	4.85
				4072	.50	74C151	4.50

MICROS, RAMS CPUs, E-PROMS	
1771 Disc Controller	\$34.50
8113	1.50
8123	2.50
8124	2.50
8197	1.50
74S188	4.50
1488	1.75
1489	1.75
1702A	8.99
ICM7207	8.95
ICM7208	19.95
MM5514	7.50
MM5318	6.50
MM5387	4.50
MM5369	3.95
TR1802	5.95
UPO4147M5A002?	1.50
Z80A	9.50
Z80	9.50
Z8000(A)	8.50
Z102L	1.75
Z107	3.95
2114	4.00
2513 (SV) UpLo	19.50
2708	4.95
27167I	6.95
27150V	9.50
TMS26320732	15.00
3242	12.50
4115	4.00
41181B (16K)	20.00
41181B (32K)	30.00
6800	7.95
6802	8.50
6820/6820	4.50
6950	5.95
8080	3.95
8085	3.50
8212	2.90
8214	5.90
8218	29.50
8224	4.25
8228	5.95
8251	3.50
8258	9.50
8056	7.50
8278	9.50
RM5404A	7.95
ADC0800	22.95

- TTL -			
QTY	Part	Value	Price
7400	25	7493	60
7401	35	7494	75
7402	35	7495	65
7403	30	7496	75
7404	35	74100	1.75
7405	35	74107	55
7406	45	74111	3.00
7407	45	74121	55
7408	40	74122	70
7409	35	74123	70
7410	35	74125	75
7411	35	74126	75
7412	35	74132	70
7413	45	74141	90
7414	65	74145	1.35
7416	40	74150	1.35
7417	40	74151	.95
7420	45	74153	.95
7426	35	74154	1.40
7427	40	74156	70
7430	40	74157	.95
7432	50	74158	.95
7437	45	74161	1.50
7438	50	74163	1.50
7440	40	74164	1.50
7441	195	74165	1.10
7442	65	74166	1.10
7443	95	74175	1.15
7444	99	74176	1.15
7445	95	74177	1.15
7446	95	89890	1.10
7447	98	74181	2.25
7448	95	74182	.75
7450	35	74190	1.25
7451	30	74191	1.25
7453	30	74192	1.50
7454	35	74193	1.95
7459	40	74194	.95
7470	35	74195	.95
7472	40	74197	.95
7473	45	74198	1.80
7475	45	74221	1.50
7476	45	74298	1.50
7480	60	74367	1.15
7481	85	75107A	1.50
7482	95	75451	.85
7483	75	75452	.85
7485	95	75461	.85
7486	55	75481	1.50
7489	195	75492	1.50
7490	75	74H00	40
7491	60	74H01	40
7492	60	74H04	90
		74H05	55
		74H08	90
		74H10	35
		74H11	45
		74H20	45
		74H21	35
		74H22	40
		74H30	40
		74H40	45
		74H50	40
		74H51	40
		74H52	45
		74H53	45
		74H72	45
		74H74	1.50
		74H101	95
		74H103	55
		74L02	60
		74L02	60
		74L03	35
		74L04	90
		74L10	30
		74L20	75
		74L30	55
		74L47	1.95
		74L51	85
		74L55	85
		74L72	65
		74L73	70
		74L74	195
		74L75	105
		74L88	300
		74L93	295
		74L123	1.95
		74L500	30
		74L501	30
		74L502	30
		74L503	30
		74L504	40
		74L505	30
		74L508	40
		74L509	40
		74L510	40
		74L511	40
		74L520	40
		74L521	40
		74L522	40
		74L527	40
		74L532	40
		74L537	60
		74L538	40
		74L540	40
		74L542	75
		74L547	95
		74L551	40
		8131	2.75

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LM301	95	LM320T12	1.65
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LM309H	1.50	LM323K	4.95
LM308/340K-5	1.50	LM324	.85
LM310	2.65	LM337T	2.25
LM311 (8-14 Pin)	1.50	LM339	.95
LM317T	2.25	7805(340T5)	1.50
LM318N	1.80	LM340T12	1.50
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LM320H15	2.50	LM340T18	1.50
LM320H24	2.50	LM340T24	1.50
LM320K5	1.65	LM340K12	1.50
LM320K6	1.65	LM340K15	1.50
LM320K12	1.65	LM340K18	1.50
		LM345K5	9.95
		LM373	3.95
		LM377	2.50
		78L05	.75
		78L12	.75
		78L15	.75
		78M05	1.95
		LM360 (8-14 Pin)	1.19
		LM369 (8-14 Pin)	1.19
		LM373	.75
		LM375	2.95
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		LM374 (8)	.65
		LM377	1.25
		LM1307	1.75
		NE555	.50
		NE556	1.00
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FROM OUR SCM

Art Smith, W6INI, our ARRL Section Communications Manager, who contributes each month to SQUELCH TALES, takes a breather this month. Hal Crispell, W6TZV, has been kind enough to write his column for him. Thanks Hal!

Western hospitality was never more abundant than at the Scottsdale Amateur Radio Club and the Amateur Radio Clubs of Arizona for the 1600-plus lucky attendees of the ARRL Southwestern Division Convention in October.

Highlight of the festival for many was the tour of K7UGA's "shack", which also houses the Air Force MARS gateway station AFC6BG. The latter handles a heavy flow of traffic between armed services personnel and their families in the southwest. Each touring ham received a personally autographed QSL card signed "Barry"! Many who were fortunate to draw four times that coincided with breaks from senatorial duties received a hearty handshake and warm words of welcome from the Senator.

The ARRL forum revealed that the long range planning committee has presented their report to the ARRL board of directors. Report recommendations were prioritized with top place going to improving League functioning at section level, secondly at division level and next in increased involvement of individual members through such channels as their clubs. The SPAR concept (Society for Protection of Amateur Radio) was well received by President Dannels and will be receiving attention by the Board soon. SPAR is intended to aid ARRL to center the intense lobbying pressure at FCC and legislative levels of telecommunications, industrial and spectrum users groups who seek to expand to the detriment of amateur radio and it's public service functions.

The new energetic youthful image of the ARRL headquarters staff was well projected by David Sumner, K1ZZ and Dale Cliff, WA3NLO, at the forum and at the League booth.

The FCC forum was canceled at a late hour, ostensibly for lack of travel funds.

San Diego hams turned out en masse last month to support the Eighth Annual Bike Ride Against Diabetes. This event is sponsored by McDonalds Restaurants, and proceeds go to the American Diabetes Association. Bicycle riders accept pledges for so much money per mile, and pedal away. Longest distance by a rider was about 70 miles. There were 38 check points on 15 routes in 5 regions of the county. Hams provided communications for logistics, safety, accident surveillance etc. The 82 hams who participated were:

WA6AET	KB6AM	K6ANV	WD6ADZ	N6ART
N6ATQ	WA6BCC	W6BFQ	W6BOS	N6BUK
WA6BVN	WB6CGU	N6CLO	N6CQW	WD6CSS
WD6CWM	N6BDX	K7DCG	N6DCX	W6DEY
KD6DK	N6DYU	WD6EEL	WD6EED	WD6ENK
WB6ENS	N6ETA	WD6EYD	KE6FA	WB6FFA
WD6FGN	WD6FPJ	W6FVB	KD6FY	WD6GIW
K6HAP	WA6HJJ	WA6HQM	WA6HSZ	W6HUJ
KA6HZI	KN6I	KT6I	KA6IEN	WA6ILH
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KA6MKW	WA6MMH	WA6NJR	N6OF	WB6OIA
N6OD	WB6OTO	WB6QEZ	W6QLJ	KM6R
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KC6S	KM6S	K6SAL	WA4SHP	WB6SML
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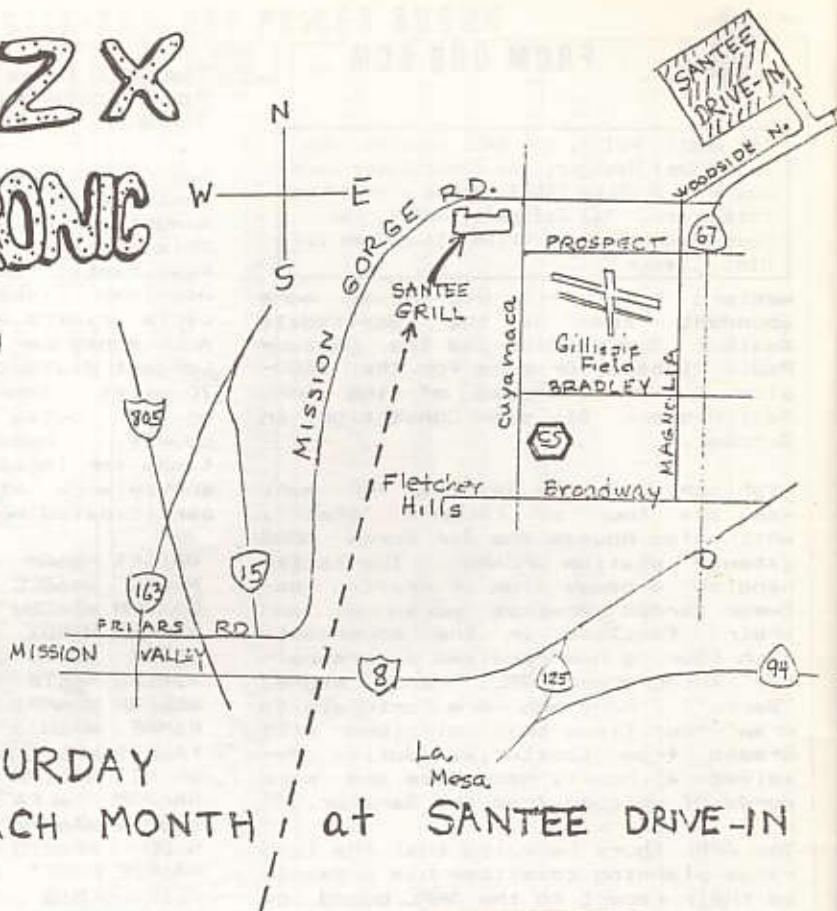
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NOVEMBER, 1981

MEETING
 EXCHANGE AT DOOR

SANDRA OPERATES TWO NETS:

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WB6WL	MT OTAY	222.60	224.20
WB6WL	MT OTAY	**444.50	449.50
W6PDA	MT LAGUNA	147.75	147.15
W6PDA	MT LAGUNA	222.46	224.06
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Calendar Of Events

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- NOV. 19 GENERAL MEMBERSHIP MEETING AT OUR NEW MEETING PLACE: DEPARTMENT OF EDUCATION, 6401 LINDA VISTA ROAD, 7:30 PM. BILL NELSON, WAF6QC, WILL BE OUR GUEST SPEAKER. SUBJECT: RFI-ELECTRICAL INTERFERENCE.
- NOV. 21 ALL HAM T-HUNT STARTING AT 8:00 PM FROM DEL CERRO HEIGHTS. FREQUENCY: 146.76 Mhz.
- NOV. 26 THANKSGIVING. NO SANDARC MEETING THIS MONTH.
- DEC. 3 SANDRA BOARD OF DIRECTORS MEETING AT THE BONANZA RESTURANT, 2633 EL CAJON BLVD. 7:30 PM.
- DEC. 5 ELECTRONICS SWAP MEET AT SANTEE DRIVE-IN THEATER. 7:00 AM.
- WEEKLY NETS: 04/64 ON SUNDAY NIGHT AT 8:00 PM
AND 75/15 ON WEDNESDAY NIGHT AT 7:30 PM

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