

SCCARA-GRAM

Volume 6 Number 11

November 1989

EARTHQUAKE OCT. 17, 1989

With any luck at all we can breath a sigh of relief that we have made it thru the "big one". I think people still need to talk about it so did a little sleuthing.....

yer EDITOR'

N6DAY Och Lawrence
My wife and I were picking up our car at Moore Buick in Los Gatos. The cars in the lot began jumping "like jumping beans". Some came 6-8 inches off the ground. We found our home intact but bedlam on the floors (dishes, cans, glasses etc.)

WA6IER Jack Russell
I was in downtown San Jose getting a hair cut. We all ran out and noted the telephone poles and street lights swaying.

AA6IG Omer Thomsen
My wife and I were taking our afternoon nap. We woke to find everything coming off the walls. We got out quick and found the rest of the apartment residents out in the patio area. We stayed outside till 0400 when the power came back. Out of 16 apartments, I

was the only one with a radio. We all listened to the reports. A foot of water was lost from the swimming pool and we were without gas for a week.

KN6K Keith Butts (actually his wife Julie)
We were on our way home to watch the world series when we thought we had a flat tire. Then we lost control of the car. Thought we had a broken axle. Then we saw all the cars around us doing the same thing. After the quake we crossed the freeway and saw all the cars stopped as if there were a wall put up. We were shocked also to see a man getting CPR...
Once home, we found the TV and VCR on the floor plus after an aftershock or two on the third floor, we left to stay with friends. We found the constant TV coverage depressing and finally rented a movie to get our mind off all the suffering.

KB6ABG Herb Himmelfarb
I was in a shopping center talking with a suit salesman about the fact

that two vent suits are not available in the USA. They allow more room for those of us with "more ample" butts. In the middle of the conversation the quake hit. we fled the store and stood in the center of the mall (eyeing the tile ceilings). When the shaking stopped the two of us noted a couple hysterical 20 year old girls (Herb made a point of mentioning the ages) He and the salesman "comforted them". Some really rough duty Herb....

N6TFX David Singer
I had just finished a meeting at my work. When the shaking started, I got under a desk. Our building was dark and everyone was told to leave. I quickly grabbed a bag of radio equipment from my office and joined the IBM Building Net and later moved to the main IBM net. After that I volunteered to worked in the Los Gatos area as net control at Cherrystone.

KC6BWL Diane Singer
I was just leaving work

and was at the stairs heading for the first level. I stopped when the quake hit and watched the concrete coming loose etc. Once I was able to, I got to my car and just sat there a bit "and felt the after shocks".

KB6LFZ Joan Hastings
I was in our garage at the time. When the shaking started, I ran for the yard. I saw the waves coming up the court and as they hit the area of our (4 ton RV), saw the wheels come off the ground at least two inches. It did it first on one side and then on the other.

K6MOB Tony Sanchez
I was at home at the time. Our home really shook but had little damage. We did lose power and phone. I have a generator that I powered up so we had TV and lights.

N6NRX Sam Bigham
I was at home. When the shaking started I saw that my Alhambra water jug plus the four shelf cabinet where my ham gear is located was getting ready to topple. I positioned myself so that I had one hand on the water and the other on the cabinet. It really shook at the time and I have been shaking ever since. Sam told me that his lack of eyesight is augmented by his other senses and he can "feel" an earthquake coming before the shaking starts.

N6ODN Micky Lutz
I was in my driveway talking with a co worker.

It was so strong that we had to hold each other up. The roar sounded like my home had surely come off its foundation. It did not!

The phone and lights were out. I could not get to the gas shutoff since my gate was locked. My floors were covered with glass. A man came by later in the evening with extra flashlights and was securing gas lines for anyone who wanted.

N6PMM JJ Lauer
My wife and I had left for Oregon the previous day. While having dinner we heard about the earthquake. Someone said the Golden Gate Bridge had collapsed.... The news showed the Bay Bridge and the Marina fire and mentioned great devastation in Santa Cruz and Los Gatos. So My home was in the middle. We tried to make radio contact but no luck so hastily packed up and drove home. Once in the Sacramento area we could monitor the W6WSH repeater and found the best route home plus found that we "may" not be in that bad shape. Once home, our mind was at ease since our home was fine.

WA6UBE Trish Gibbons
My house came thru fine but after listening to the radio reports, I decided that I had better report in at the San Jose City Comm Center where I am a lead radio Tech. It was utter chaos

for the first few hours. I was asked by Mayor Tom McEnery to establish a "ham" link with Mayor Art Agnos of San Francisco. I was able to do this utilizing the 146.925 on Mount San Bruno. The next morn, we did a similar thing with the City Manager of Santa Cruz. We also established a 40 meter link between the San Jose EOC, Santa Cruz EOC plus Sacramento EOC. W6HIR in Sacramento was instrumental in establishing the net.

WELCOME AND CONGRATS

Only have one new member to report this month. Let's all welcome Roland Welspiel, KA6UMI. He is yet another that has come our way from JD's class.

Only two call changes to report. Tom Hambleton is now known as N6WIJ and Randy Miltier's new call is KK6BQ.

Phew...Any ideas for acronyms for Randys call??

Shown below is JD K6YKG hard at work at his CW class given at Pacificon. The quake may increase the class size as more people realize the value of our form of communication



THE PREZ SEZ

GREETINGS TO ALL FROM THE EARTHQUAKE ZONE! THE QUAKE IS OVER, OR AT LEAST I HOPE SO! IT WAS A MOST ANXIOUS TIME FOR ALL OF US. I HOPE YOU DIDN'T SUFFER ANY SORT OF DAMAGE FROM "THE BIG ONE!" BUT HERE IN WATSONVILLE, I FOUND MYSELF RIGHT IN THE MIDDLE OF A WHOLE LOT OF SHAKING. WE'RE STILL GETTING A SHAKER NOW-AND-THEN; BUT, THANKFULLY, THEY HAVE SLOWED DOWN TO AN OCCASIONAL EYE OPENER.

I'M SURE THE EXPERIENCE WAS LIKE NOTHING ANY OF US HAD EXPERIENCED BEFORE. HERE ARE SOME OF MY RECOLLECTIONS.

TUESDAY AFTERNOON, OCTOBER 17TH...I HAD TURNED OFF MY COMPUTER AND WAS GRABBING MY BRIEFCASE SO I COULD GO HOME AND WATCH THE GIANTS TRY TO WIN A GAME WHEN SOMEONE IN THE OFFICE YELLED, "IT'S AN EARTHQUAKE". MOMENTS LATER HE ADDED, "...AND IT'S A BIG ONE, TOO!" WITH THE BUILDING GROANING AND HEAVING AND CEILING PANELS BEGINNING TO DROP, I MADE MY WAY TO THE LOBBY AND THEN HURRIED OUTSIDE. IT WAS STILL SHAKING WHEN I GOT OUTSIDE. AS I WAS TO LEARN IN THE ENSUING HOURS AND DAYS, THE SHAKING WOULD NOT STOP FOR SOME TIME.

I FOUND NO AM STATIONS ON MY AM RADIO AS I SEARCHED FOR NEWS OF THE QUAKE. TO OUR NORTH, TOWARDS THE SUMMIT, WE SAW COLUMNS OF SMOKE RISING. SIRENS SCREAMED ALL AROUND US. THE NIGHT BECAME VERY DARK WITH ONLY FLASHLIGHTS AND HEADLIGHTS HERE AND THERE. SIRENS CONTINUED TO BLARE ALL AROUND US. WHAT HAD HAPPENED? WAS EVERYTHING IN RUINS?

I SWITCHED ON MY TRUSTY KENWOOD 7950 AND DIALED TO 146.115. ALTHOUGH I DON'T BELONG TO ANY EMERGENCY GROUP, I KNEW I COULD COUNT ON THEM BEING THERE AND HARD AT WORK TO SORT THE SITUATION OUT. LEAVING THE HANDLING OF EMERGENCY INFORMATION TO THOSE TRAINED TO HANDLE IT, I LISTENED TO W6WSH AND TO ANY OTHER INFORMATIVE SOURCE I COULD LOCATE. THE NEWS SOUNDED BAD. THE QUAKE WAS FELT ALL OVER THE BAY AREA AND FURTHER. POWER WAS OUT EVERYWHERE AND IN MILPITAS SOMEONE NEEDED A DRIVER TO GO TO THE FIRE DEPARTMENT AND FETCH HELP AS THERE WAS A FIRE IN PROGRESS AND NO OTHER WAY TO GET

HELP. ROADS WERE CLOSED. THERE WAS TALK OF A FREEWAY COLLAPSE AND THE BAY BRIDGE HAD FALLEN.

I HAD ELECTED TO STAY AT MOUNTAIN COMPUTER FOR AWHILE. WE HAD A LOT OF PEOPLE WHO WANTED TO GET TO SAN JOSE BUT COULDN'T. I TRIED TO FIND NEWS OF PASSABLE ROADS FOR THOSE NEEDING TO GET HOME OR TO FAMILY. THOSE WHO LEFT FOR HOME RETURNED IN SHORT ORDER. HIGHWAY 17 WAS CLOSED FOR SURE. WERE ANY ROADS OPEN?

I HEARD DON, K6PBO ON 6.64 WHO WAS DOING HIS BEST TO HELP. AROUND 10 O'CLOCK A CARAVAN OF 7 OR 8 CARS LEFT FOR SAN JOSE ON HIGHWAY 9. I HAD LEARNED FROM AMATEURS THAT IT WAS SLOW AND IT WAS ONLY ONE-LANE IN SOME PLACES, BUT IT WAS PASSABLE.

I GOT HOME AROUND 11 O'CLOCK. I WAS DIVERTED OUT INTO THE COUNTRY AS WATSONVILLE HOSPITAL WAS BEING EVACUATED. I SAW PEOPLE OUT IN THEIR FRONTYARDS AROUND FIRES. PEOPLE AFRAID TO RE-ENTER THEIR HOMES,...OR WHO NO LONGER HAD A HOME. SYLVIA WAS THERE, SAFE BUT SHAKEN. NO ROOM IN MY HOUSE HAD ESCAPED DAMAGE. BROKEN GLASS, BOOKS, RECORDS, MY STEREO, DISHES, GLASSES, AND MIRRORS HAD FALLEN AND BROKEN.

STILL THE TREMORS CONTINUED AND I TRIED MY BEST TO ASSURE ALL THAT WE WOULD BE OK.

I GOT A MESSAGE TO SYLVIA'S MOTHER IN MODESTO AROUND 1 A.M. I FINALLY WAS ABLE TO NOTIFY MY PARENTS, WHO LIVE SOUTH OF FRESNO THAT WE WERE OK AROUND 8 WEDNESDAY MORNING.

LOOKING BACK ON THIS EXPERIENCE, I FEEL PROUD TO BE AN AMATEUR AND THANKFUL FOR THE FINE WORK DONE BY THE AMATEUR COMMUNITY. ONCE AGAIN, HAMS CAME THROUGH AND CONTRIBUTED TO HELPING MANY DISPLACED AND DISTRESSED PERSONS DURING A MOST CONFUSING AND STRESSFUL TIME. HAMS HAD BROUGHT ME INFORMATION ON ROADS AND LET MY FAMILY KNOW THAT I WAS OK. AND, AT 4 A.M. THURSDAY MORNING, I SPOKE TO A HAM AT THE SANTA CRUZ RED CROSS AND WE AGREED THAT THE AFTERSHOCKS WE HAD BOTH JUST FELT WERE PRETTY SCARY. NO BIG-TIME INFORMATION CHANGED HANDS,...JUST TWO GUYS ABLE TO CHAT AND BOTH FEEL A BIT BETTER.

THERE IS A LOT OF INTEREST IN HAM RADIO RIGHT NOW. I ONLY SAW ONE TV STORY

ON A HAM WHO PASSED NEWS OF THE QUAKE. I'M GLAD HE GOT TO TELL ABOUT HOW HE HANDLED THE SITUATION AND HOW HE RESPONDED. I GUESS THAT'S THE KEY WORD IN AN EMERGENCY SITUATION FOR HAMS...THEY RESPOND! THERE IS IN ALL THIS CHAOS A GREAT OPPORTUNITY FOR US TO PROMOTE AMATEUR RADIO. PUBLIC AWARENESS OF AMATEUR RADIO IS HIGH. IT'S UP TO US NOW TO GET THAT INTEREST TURNED INTO NEW HAMS.

A REMINDER THAT THE NOVEMBER MEETING IS OUR ANNUAL ELECTION. WE HAVE A GREAT SLATE OF CANDIDATES WHO WILL SERVE THE CLUB WELL IN 1990. OUR DECEMBER MEETING IS OUR ANNUAL CHRISTMAS DINNER AND INSTALLATION OF INCOMING OFFICERS. I HOPE YOU WILL ATTEND THESE FUNCTIONS.

73 DE DAN,WM6M

TREASURER'S REPORT FOR 9-30-89

CHECKING 9-1-89	\$ 763.03
INCOME:	
Dues	132.50
Meeting Raffle	26.00
ARRL Commissions	7.00
ARRL Renewals	83.00
EXPENSES:	
Printing	<87.75>
Reimburse Petty Cash	<41.80>
Meeting Raffle Prizes	<23.53>
ARRL Renewals	<83.00>
CHECKING 9-30-89	\$ 667.70
REPEATER FUND 9-1-89	\$ 407.55
INCOME:	
Flea Market	343.00
EXPENSES:	
Connector adapters	<18.00>
440 Service manual	<15.00>
REPEATER FUND 9-30-89	\$ 717.55
PETTY CASH 9-1-89	\$ 8.20
REIMBURSEMENTS:	
Date 9-8-89	41.80
DISBURSEMENTS:	
Sept Flea market	<14.00>
PETTY CASH 9-30-89	\$ 36.00
SAVINGS 9-1-89	\$2969.55
INCOME:	
EXPENSES:	
SAVINGS 9-30-89	\$2969.55
TOTAL CASH	\$4390.80



REMINDER: If you plan to join or renew with ARRL, please do so through SCCARA. This is the only way that SCCARA will receive commissions on your ARRL dues. Simply make your check payable to SCCARA and send your check and ARRL join/renew form to me. Also let me know of any changes in your ARRL membership status.

REPEATER COMMITTEE REPORT

10/31/89

de Stan WA6VJY

Quite a lot has happened since last month's SCCARA-Gram. The events following the earthquake have proved once again the value of Amateur Radio in emergencies. A number of repeaters were utilized for emergency and health & welfare traffic. Ours didn't fare well for the first few hours after the quake. Although we have an 'official' agreement to be available to San Jose RACES to be used in an emergency, we couldn't comply. The power at Alexian Brothers' Hospital went out for quite a while (hours). Our repeater isn't on any critical load circuit at the hospital. Therefore when they had their generator running, we didn't have any power. I have proposed to the board of directors that we investigate purchasing and installing some sort of emergency power source (batteries) for the repeater. We can expect the hospital to be high on the list of priorities with PG&E as one of the first to have power restored in case of failure, but, (as the quake demonstrated) it could be 12 hours or more before that happens. Any emergency power source should be capable of operating the repeater for the first 24-48 hours after power failure.

Our next meeting will be a service clinic primarily for VHF & UHF type radios. If you want to just check frequency and/or deviation, bring the rig in, along with some

power supply to operate it, and all necessary cables. If you want either frequency or deviation adjusted, bring along at least the schematic. If we don't have any information on what to adjust or where those adjustments are, we won't be able to make any of those adjustments.

Our repeater improvements are on hold until the stock the club owns is sold. This is not an easy process as the treasurer can tell you. After the stock is liquidated, we will be able to get on with purchasing the new antenna and other items discussed in earlier columns. If you have anything to comment on or suggest regarding the repeater, please contact me. I can be reached at 275-0735. You might also catch me on the W6UU repeater from time to time.

EARTHQUAKE INFO

I don't think anyone can complain that October 1989 has been a slow or boring month!! First, SCCARA put on the best ever PACIFICON ever. I remember thinking a few days after the convention that it was a good thing we had it when we did.

Only several days after, hams were helping with communications on a fire in Los Gatos near the CATS Restaurant.

Then that very next weekend, some more of us were again providing communications in an MCIP drill in Campbell. (An MCIP is a Multiple Casualty Incident Plan, where at least 15 victims are hurt in a single incident.) This one was a scenario based on a sniper interrupting a board meeting at a company that was going to market a drug that would render cocaine non-addictive.

At least seven hospitals were involved as well as all of Campbell's emergency people.

It seemed like we barely got that behind us and back into the swing of things and WHAM the earth moved. Suddenly we had an SET going, only it was for real. Many, many hams were suddenly needed as communicators.

Many SCCARA members were pitching right in and doing what they could and then some. Both Mike, KB6PDA and Sharon, N6MWD were plenty busy. In case

you don't already know, Sharon had just turned over the reins as DEC for all of Santa Clara County to Mike. What a way to get initiated Mike.

Shorty, AE6Z was Resource Net Control for quite a number of days and asked, pleaded, threatened, and/or cajoled anyone who was listening to please sign up for the MANY shifts that needed filling. The last count I heard was that hams had worked in excess of 3000 hours in Los Gatos alone. It would be interesting to find out how many hours were put in by hams in the Bay Area.

Although many of the shifts were only 6 hours, they had to be filled over and over again with each passing day. Also there were a few who worked much longer assignments. I heard Dave KC6FWG get assigned to go to Santa Cruz and understand he stayed there for a few days.

New and old-timers worked as they never had before. There were calls I haven't heard in a long time as well as a lot of KC6's and new N6's. The old-timers helped the new hams to get their feet wet so it didn't turn into a sink or swim situation.

Not all the learning was done by new hams either. A lot of us found out that there are plenty of jobs to do in an emergency that we have never done before. Stan, WA6VJY, started taking traffic from N6LDL's packet BBS. He learned in a hurry not only how to pass messages to people who don't know what ham radio is, but how to format and send any replies that needed sending. I heard from N6LDL that his BBS alone had over 1200 messages handled.

Of course, not all the hams who worked hard after the quake were communicators. Some had jobs to perform that were necessary to try to get the community back to normal. Joan, KB6LFZ had the big job of trying to help her first-graders make some sense of what was happening around them, and Lou, WA6QYS had more than his fair share of service calls on refrigeration units.

Now that things have started to return to business as usual, let's all give each other a BIG pat-on-the-back and get everything ready for the next

time we are needed.

If there are any of you who now have decided to learn more about ARES or RACES, let me encourage you to listen on Tuesday evenings at 2000 to the WB6ADZ/R on 146.115 + or give Lou, WA6QYS or me a call on the phone. We would be very happy to put you in touch with the EC (Emergency Coordinator) for your area.

De: Kathy KB6ICQ

California QSO Party at Pacificon

The SCCARA trailer served us well at PACIFICON. This year members of the Northern California Contest Club offered to man our station and take part in the California QSO Party. As a side note, the Northern California Contest Club are the sponsors for this very popular event.

They operated from 0900-1700 on Saturday and 0900-1300 on Sunday and made 130 CW and 241 phone contacts. Total score will be in the range of 46,000. Most contacts were made on 10, 15 and 20 meters. The Heathkit Linear performed flawlessly. All in all, a very well run and successful operation.

I spoke with Bob Dorsey K4UVT. The Northern California Contest Club is composed of approximately 150 members, have monthly meetings on the third Friday of every month plus have a newsletter called "THE CONTEST JUG". The meetings are used to help sharpen the testers skills plus to plan future events and strategies. Major contests which they participate are "THE ARRL SWEEPSTAKES", "CQ WORLDWIDE" and of course the "Cal. QSO PARTY". One strategy for the Cal QSO Party is to assure that a club member is present in all of California's 58 counties. This means either a ham living in the particular county or else a club member or two driving there and operating mobile. Often the club members will operate independently in a contest but will pool their resources and send in a club total.

If you are interested in more info please call or write:

Bob Dorsey K4UVT
PO Box 61733
Sunnyvale, Ca.
94088
PH 408 732-2912

Bob added that he was pleased that we asked the CAL QSO CLUB to operate at the convention plus offered to provide a guest speaker for one of our meetings.

DECEMBER HOLIDAYS DINNER & 1990 DUES

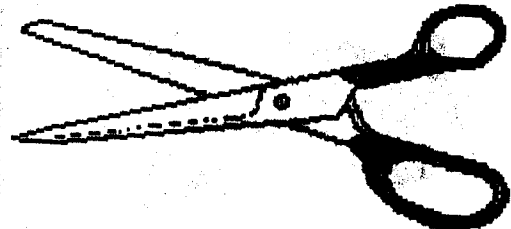
Now is the time to mark your calendar for the December Holidays Dinner. It will be held on our regular meeting night (Monday December 11) at the Le Baron Hotel. Your choices of entrees are: London Broil w/Mushroom Sauce & Potato OR Filet of Sole w/ Rice. Cost per person will be \$20.00 and will include salad, entree, vegetables, rolls & butter, coffee or tea and dessert. A sign up form is included below for your convenience. Sign up now and avoid the last minute rush. We will be having a gift exchange again this year with a suggested value of approx \$7.50. Men will bring one marked for a man, and women will bring one marked for a woman. Also included beneath the Holiday Dinner Reservation Form is your 1990 Membership Dues Sign Up Form.

HOLIDAY DINNER RESERVATION FORM

Name _____ Phone _____

I have enclosed \$ _____ for _____ of Dinners
_____ ea London Broil Dinner(s)
_____ ea Filet of Sole Dinner(s)

Deadline is 12/01/89



1990 MEMBERSHIP DUES SIGN UP FORM

Call _____ Nov Tech Gen Adv Ex

Name _____ Phone _____

Address _____

City _____ State _____ Zip _____

ARRL? Yes No Send ARRL Information

Family Names, Calls and Class of License

Individual \$15.00 Family \$20.00
Students under 18 \$5.00

Mail to: SCCARA Holiday Dinner & Dues
PO Box 6, San Jose, CA 95103

ATTENTION NON-SCCARA MEMBERS

This complimentary copy of the SCCARAGRAM is our invitation to join SCCARA. Please send your check for dues and your mailing label on the back page to SCCARA, PO Box 6, San Jose, CA, 95112. Be sure to make any corrections needed and add your phone #, license class, and ARRL membership status. Also list the same info along with their name(s) and call(s) of any family members wishing to join with you. The yearly dues are \$5.00 for students under 18, \$15.00 for individuals and \$20.00 for families (hams living at the same address). The dues are 1/2 the yearly amount from July thru December. Let us also encourage you to come to a meeting or class (you need not be a member to attend). Our hotline at 408- 249-6909 has more info on time and place.

73 de SCCARA

NEXT MEETING

NOVEMBER MEETING MONDAY 11/13/89

Our next meeting will be held at Agnews. This will be a busy meeting. Four major items are:

1. Election of officers.
2. The Quake
3. Pacificon
4. Trish WA6UBE will provide a monitor to test out your VHF and UHF rigs.

Please try to set aside a couple hours for our meeting. We would love to see you.

Good and Welfare

A GREAT BIG THANK YOU TO ALL WHO HELPED US MAN THE CONVENTION!!!! Of course our joy over the successful convention is clouded by the earthquake. In any case thanks to: John KC6FGW, Syd W6QWK, Milt AA6ON, Jack WA6IER, Joan KB6LFZ, Mike KB6LCJ, Keith KN6K, Lou WA6QYS, Bob KB6OHO, Wally KA6YMD, Jim N6VSM, Bill AA6PA, Joe WA6YRU, Bob WB6VXA, Doug WN6U, David N6UEZ, Randy KJ6PO, Hal N6NDB, Larry KB6HRN, Brad KA6ADZ, Trish WA6UBE, Jim WA6NIL, Michael KB6OHM, and Fran KA6UUS. I know I've left out at least one name. Please forgive me for lousy recordkeeping. Also a big hug and thank you to my XYL Cynthia for manning the Hospitality Suite, and a great one to Shorty AE6Z for putting the whole shebang together. If I've neglected to mention anyone else, blame it on sloppy bookkeeping. Thanks again to all who volunteered their help. I love you all!!!! Herb KB6ABG

EDITORS CORNER

Due to the earthquake not much was said about Pacificon. Bob KB6OHO provided me with some very nice pictures which I will try to use next month. I need Pacificon articles also.

As was mentioned earlier this coming meeting is election of officers. Please come and meet your new board.

SCCARA MEETING OF OCT. 9, 1989

The meeting was held at Little John's Restaurant, with dinner prior to the meeting. The regular meeting was called to order by George Allen WA6O at 8:05pm.

Attendance: approximately 30

Bill Stevens W6ZM reported for the nominating committee with the following recommendations for the year of 1990:

Officers:

President	George Allen	WA6O
Vice President	Jim O'Keefe	WE6V
Secretary	Don Village	K6PBQ
Treasurer	Kathy Getsla	KB6ICQ
Trustee	Doc Gmelin	W6ZRJ

Directors:

Dec. '90	Bob Forster	N6PCQ
Dec. '90	Herb Himmelfarb	KB6ABG
Dec. '90	Lou Steirer	WA6QYS
Dec. '91	Ed Rawlinson	WD6CHD
Dec. '91	Carla Watson	W06X

Advisor and Past President: Dan Dietz WM6M

Shorty AE6Z gave us a report on the convention. All in all a great convention with a fine program and a banquet with 150 attending. The youth forum turned out fine with the winner of the door prize just having passed his Novice that morning. Rod Stafford KB6ZV reported on the ARRL Forum. The topic of NO-CODE for 220MHz and above was filed with the FCC. Also mentioned was the Senate is thinking of charging for license renewals and changes. It was mentioned to write your local congressman with your thoughts on license fees.

Lou Steirer WA6QYS reported that there would be an SVECS breakfast on Oct. 28 at Agnews for \$5.00 and to contact him for reservations.

Meeting adjourned at 8:55pm.

Don Village K6PBQ, Secretary

SCCARA BOARD MEETING OF OCT. 26, 1989

The meeting was held on the W6UU repeater. The meeting started at 7:30PM with Dan Dietz WM6M as net control.

Present were: Dan WM6M, George WA6O, Don K6PBQ, Kathy KB6ICQ, Herb KB6ABG, Bob N6PCQ, Lou WA6QYS, Ed WD6CHD, and Stan WA6VJY.

New Business: Don K6PBQ suggested a change of our board meeting to the 4th Thursday instead of the 3rd. because 5 months the 2nd Monday and 3rd.

Thursday fall in the same week. The board was in favor of it. The new board will work on it. Lou WA6QYS mentioned the SVECS breakfast at Agnews on the 28th. The featured speaker was the engineer in charge of the SF FCC office.

Our November meeting will be at Agnews with the election of officers. Our December holiday dinner meeting will also include the installation of officers for 1990.

Stan WA6VJY reported for the repeater committee. The repeater is doing very well with the modifications. The repeater did lose electrical power during the Earthquake. Stan will look into a battery back up system.

Meeting adjourned at 8:01PM

Don Village K6PBQ, Secretary

EARTHQUAKE!!!

MODIFIED MERCALLI INTENSITY SCALE APPROXIMATE RELATIONSHIP WITH MAGNITUDE AND GROUND ACCELERATION

MODIFIED
MERCALLI
SCALE

MAGNITUDE
RICHTER SCALE
GROUND
ACCELERATION
IN g's

I	Felt only by a very few under especially favorable circumstances.		
II	Felt only by a few persons at rest, especially on upper floors of buildings. Delicately suspended objects may swing.	3	.005
III	Felt quite noticeably indoors, especially on upper floors of buildings, but many people may not recognize it as an earthquake. Standing automobiles may rock slightly. Vibration like passing of a truck.		.01
IV	During the day, felt indoors by many, outdoors by a few. At night, some are awakened. Dishes, windows, doors disturbed. Walls make a creaking sound. Sensation like a heavy truck striking building. Standing automobiles rocked noticeably.	4	
V	Felt by nearly everyone. Many are awakened. Some dishes, windows, etc., are broken. Plaster may be cracked. Unstable objects are overturned. Some disturbance of trees, poles and other tall objects may be noticed. Pendulum clocks may stop.		
VI	Felt by all. Many are frightened and run outdoors. Some heavy furniture is moved. Some plaster may fall and chimneys may be damaged. Overall damage is slight.	5	.05
VII	Everybody runs outdoors. Damage negligible in buildings of good design and construction, slight to moderate in well-built structures, considerable in poorly built or badly designed structures. Some chimneys may be broken. Noticed by persons driving automobiles.		.1
VIII	Damage slight in specially designed structures, considerable in ordinary substantial buildings with partial collapse, great in poorly built structures. Panel walls thrown out of frame structures. Chimneys, factory stacks, columns, monuments, walls, etc. fall. Changes in well water level. Persons driving automobiles disturbed.	6	
IX	Damage considerable even in specially designed structures, well designed frame structures thrown out of plumb, great in substantial buildings with partial collapse. Buildings shifted off foundations. Ground cracked conspicuously. Underground pipes broken.		.5
X	Some well-built wooden structures destroyed, most masonry and frame structures destroyed with foundations and ground badly cracked. Rails bent. Landslides considerable from river banks and steep slopes. Shifted sand and mud. Water splashed (slopped) over banks.	7	1.0

Modified Mercalli intensity scale after Wood and Neumann, 1931 (XI and XII not included.)

Richter Magnitude and ground acceleration "g" values taken from Nuclear Reactors and Earthquakes, TID-4024, United States Atomic Energy Commission.

SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION

CLUB OFFICERS

President	Dan Dietz	WM6M	761-8958
Vice President	George Allen	WA6O	289-4302
Secretary	Don Village	K6PBQ	263-2789
Treasurer	Kathy Getsla	KB6ICQ	275-0735

477 Pamier Ave. San Jose, CA. 95128

DIRECTORS

Herb Himmelfarb	KB6ABG
Bob Forster	N6PCQ
Shorty Freitas	AE6Z
Ed Rawlinson	WD6CHD
Lou Steirer	WA6QYS

REPEATER COMMITTEE

Wally Britten	KA6YMD
Keith Butts	KN6K
Stan Getsla	WA6VJY
Trish Gibbons	WA6UBE
Ed Mangan	KB6DLB
Nate Kirschman	N6PHW
Ron Bardarson	N6VUW

SCCARA STAFF

Coffee	Stan Getsla	WA6VJY
Facilities	Lou Steirer	WA6QYS
Good+Welfare	Herb Himmelfarb	KB6ABG

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Nets are held every Monday evening at 1930 sharp, except for the second Monday which is our meeting night.

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