

# SCCARA-GRAM

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#### OUR PREZ SEZ

Our May meeting was a very full one. Some fifty odd members and guests attended and heard Doc Gmelin, W6ZRJ talk on antennas present, future, backyard, HT, field day, or whatever) among other subjects. The talk was advertised to be on CW, but Doc, as is his wont, digressed some. Since Doc goes back to 'Macaroni', he has a vast pool of experience and knowledge to draw upon, and can really inspire you! It was particularly appropriate for our slow starters, who are licensed but haven't gotten on the air. Doc makes CW sound like fun, and, in fact, makes a great case for it. Thanks Doc for an enjoyable presentation.

The business meeting that followed was lengthy. This column will have to suffice for minutes, since the secretary was absent.

Treasurer Dan, WM6M reported a fluid \$1928.00 on hand.

We welcomed six new members: Lewis Messick, N6HKA; Joe DeAngelo, KA6IWF; Bill McLester, N6PCT; Sally Ortega; Dave Elliott, WB5FRV; and Marie Elliott, KB6QDN. Membership has slipped to around 215 due to dropouts for moving or failing to pay 1987 dues.

The antenna trailer that was donated by past president, Frank Quement, W6NX was available for inspection. Lights have been added, and it is now registered to SCCARA. We will have it available for field day. Tom Server, KB6LUC has made a home for it at his place of business in Campbell, the most centrally located of several locations offered. Tom is good in the roster if you need to call him. Many thanks, Tom!

Rod Stafford, KB6ZV, ARRL Pacific Division Director, gave us a detailed (CONTINUED LEFT COLUMN)

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(CONTINUED FROM LEFT COLUMN) description of the new novice extended privileges.

Dave Stoddart, KB6QQ, our field day chairman, reported that several meetings have been held with SCCARA's plans well developed. Team leaders have been designated for the several activities as follows:

Mike Hastings, KB6LCJ:

housing, transportation, logging.
Herb Himmelfarb, KB6ABG:

food: dinner and breakfast. Allen Levin:

antennas, novice station.

Dan Dietz, WM6M:

CW station.

Wally Britten, KA6YMD:

special events, packet.

Doug, Eaton, WN6U:

voice station

Bob Wharton, W600Y (tentative):

power: motor generator, chargers. A location plan has been developed, and, after the equipment is in place, two persons will work two hour shifts at each operating station — one person operating, the other logging. Deep-charge batteries will be used as the power source. The motor generator will be used for facilities. Antennas are on hand or promised. Operating times are 1100 PDT, June 27th to 1400 PDT, June 28th.

Dave, KB6QQ regretfully informed us that his plans have changed, and that on June 6th he will leave this area for a prolonged stay in the Mid-West and Florida. However, our plan is developed and only needs implementation. I will act in his absence to keep the team leaders coordinated. We do need someone to assist with the power, since Bob Wharton can only do so part time. The team leaders need feedback from you now. If there is a time that you (CONTINUED ON PAGE 2)

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prefer to work, or at a certain station, please contact that leader. If you plan to eat dinner and/or breakfast with us, you must contact Herb by June 18th. You can reach him at (408) 226-2919 between 1900 and 2300, except Friday. We'll put what's left to do together at our regular meeting on June 8th.

The other major item on the agenda was a request at the previous board meeting to consolidate SCCARA meetings by having the board meeting immediately follow the business meeting. This required a bylaws change. A motion was made and seconded, and then was approved by a simple majority vote of those present.

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After holding the prize drawing the meeting was adjourned.

After a five minute recess the board meeting was opened at 2150.

In the absence of the secretary the minutes of the previous meeting were not read.

The treasurer's report was carried over from the business meeting.

Committee reports were requested by the president. Reporting on the convention as Shorty was unable to be there, Ed stated that programs were shaping up, thanks to Rod; and nine of the 30 exhibit spaces were spoken for by five exhibitors. Shorty had reported that the advertising for delegates was shaping up, and that this year detailed programming would be used wherever possible.

The other major item for discussion was whether or not SCCARA, as suggested by Doc Gmelin, would participate with ARES at the newly rebuilt COMROOM at Red Cross. As you may recall, when we ceased meeting at Red Cross, we bitterly removed our better equipment. Doc Gmelin volunteered to work with other amateur organizations in removing our gear. The antennas and some of the cabinets are ours, and were left with the understanding that we retained ownership. Now the radio room (COMROOM) had been refurbished by ARES, the antennas serviced, and the room is ready to go. Doc states that (CONTINUED RIGHT COLUMN)

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equipment was specifically purchased with club funds for use at that facility, and that the station license is in our name. The license. of course, could be changed. BUT is that what we want? The board will recommend to the membership at the next business meeting that the SCCARA owned equipment be housed in the ARES COMROOM at Red Cross, with SCCARA retaining ownership with rights to use the equipment for field day, etc.; and that our agreement would be with ARES, not Red Cross.; and, furthermore, the COMROOM would be available for SCCARA use. This I will ask you to vote upon.

The meeting was adjourned at 2230. (HD HUM!)

73 de WD6 Chile Hot Dog





#### FOOD FOR FIELD DAY

June 27, 1987 is rapidly approaching. We received compliments for last year's meal. We would like to have some more this year. BUT, WE NEED YOUR HELP!! In order to plan properly, and be economical (we might be able to do it for \$5.00 again, per person that is), we need to know how many to expect for dinner on the 27th. Please call (408) 226-2919, between 1900 and 2300 hours, except Friday, to let me know how many. Cut off date is June 18th. We do not expect to be able to feed any who do not have a reservation. We are not planning to have any extra steaks, as in privious years. Thank you in advance; and bring your appetite.

Herb, KB6ABG and his XYL

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Joe Quirantes, WA6DXP

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#### OUR VEEP SEZ

At our next meeting Harry Wijtman, AE6M will speak on RTTY.

# RAMBLING THOUGHTS

I have purchased a transceiver with portability, QRP, and battery power as my objectives. It is a Ten-Tec Omni A, and it works great with a deep-cycle battery for power. So far, I have used it only for CW, and the results have been very satisfying, The filters are superb, and, frankly, the QRM and crowded band conditions no longer bother me. The controls are very simple, making it a joy to use. If you are interested in CW and don't want to spend a great deal of money, check out the older Ten-Tec rigs. [Ed.: their capabilities are not limited to CW, and the newer models will surprise you.]

For antennas that perform well with good appearance, I recommend two antennas from the "ARRL Antenna Compendium": the full-wave loop and the x-beam.

The full-wave loop can be strung around your house by means of tall trees, etc., and, with the use of an antenna coupler, will permit operation on the design band and all higher bands. Choose the omni-directional model to avoid putting up more than one loop.

My requirements for a beam centered around the fact that I inhabit an environment that places a certain few but strict limitations on my RF catching structures; I couldn't put up more than one; I wanted the most for the space available; and I wanted to try DX. Therefore, a mono-bander for twenty meters seemed to be the ticket. I chose the x-beam for its compactness. A planar area requirement of about 15' by 15' makes it a relatively small full-size mono-bander. It may not have the greatest gain (about 6 db over my 80 meter delta loop on 20 meters) and the s-meter doesn't make huge excursions when I rotate it, but it does work quite well. It is significantly quieter than the loop and has gain over it. Quietness is a claimed characteristic for the loop, and the loop is supposed to have gain over a dipole on the higher frequencies.

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next subject relates to my interest in acquiring knowledge about the hobby. Our monthly meetings don't satisfy my craving to learn about amateur radio. Also we don't really share what we are doing due to our lack of significant personal communication. I have suggestions: USE OUR REPEATER: ASK QUESTIONS; HELP OTHERS; and SHARE YOUR EXPERIENCES. I have learned a great deal from chats with Shorty on our repeater while on my way to work in the morning. Don't be bashful! I have also relied upon the great Jim Daddysman for listening to chirp problems, etc. [Ed: JD 2-meters?]. Let's share! I am interested in establishing an informal information sub-club. Any ideas?

Last but not least, I am offering a challenge. BUILD A PORTABLE 20-METER ANTENNA. It should have gain over a dipole, be easily assembled in fifteen minutes or less, and be less expensive than its commercial equivalent. The clock is running; build it and work some DX. Then in August or September we will all meet for comparisons. Be innovative! Maybe we can compile the best designs into a manual. All prospective entrants should contact me to indicate their interest level.

### 73 de Alan, N6NOY

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repeater committee reports that, since no opposing response has been received from members, the 440 repeater will incorporate built-in PL frequency to satisfy the requirements of NARC (Northern Amateur Relay Council). is frequnecy EIA (Electronic Industries Association) code (107.2 Hz). The membership will be informed when this implementation is complete.

Those wishing the emergency codes for the repeater should contact a member of the repeater committee for them. When you are within the range of the repeater, you will be able to report an emergency quicker than on one of the more active repeaters.

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MONTHLY DIRECTOR'S REPORT
by Rod Stafford, KB6ZV
Director, Pacific Division, ARRL
May, 1987

Plans for the 1987 Pacific Division Convention are being finalized. The convention, 'Pacificon 87' will be held the first weekend in October at the Le Baron Hotel, 1350 N. First Street, San Jose, California. The exact dates are October 2, 3, and 4, 1987.

Friday night's activities will include an ARES Forum with WA60CV as the moderator. Topics include: Packet Radio in Emergencies, the FINDER program, a Certified Radio Operator proposal and a discussion about the California State Training Institute in Santa Barbara County. After the ARES forum, there will be a no-host cocktail party.

Saturday will provide a full day of activities. An 'Eyeball QSO Party' will run all day Saturday. winner is the ham with the most eyeball QSOs during the day with log sheets that include the call and name of the 'contacts.' The Exhibitor Room will be open from 9:00 a.m. until 5:00 p.m. Saturday programs and forums include: Angle of Radiation (K6RQ), YL Forum (BAYLARK), DX Forum (K6SSJ), Repeaters for Beginners (a discussion aimed at the novice and the experienced user by WB6KHP), Low Band Antennas (antennas for 160, 80 and 40 meters by NJ2L, of the ARRL staff), Instructor Forum (WA6KZV), Silicon Visions (a glimpse into the future by KB6LRJ), CW Copying Contest (W6ZRJ & W6VZT), RTTY Forum (WA6AHF & W6MKM), QSL Cards (now that you worked 'em, the best way to get a card by K6HHD), Propogation Forecasting (NS6N), Club Incorporation (why and how to incorporate your club and obtain tax exempt status by NX60 tax attorney Linda Lezotte), Antenna Legal Forum (N3AKD, ARRL Legal Counsel), AMSAT/OSCAR Forum (WB6GFJ), ATV Forum (sstv and fstv by KE6DN & K6AEP), ARES Forum (the Incident Command System and Emergency

Strike Teams). There will be a cocktail party from 6:30 to 7:30 p.m. with the banquet starting at 7:30. We are hoping the new ARRL film, 'The New World of Amateur Radio' will be shown at the banquet. It is due for release in mid-September and Pacificon '87 will be the premier showing on the West Coast. A Wouff Hong is planned for Saturday at midnight.

The Exhibit Room will be open on Sunday from 9:00 a.m. until 1:00 p.m. There will be a complete program on Sunday with the following sessions: RFI/TVI Legal Forum (N3AKD, Legal Counsel), PVC Pipe-The Home Brewer's Dream (inexpensive antennas for 10, 15 & 20 Meters by NM6J), Contest Forum (covering topics of interest to new and longtime contesters), Fun with Facsimile (KB6LO), Test Equipment in the Ham Shack (what is useful and how to use it), Information Services Available by Computer (W3VS), TVI/RFI Technical Session (NJ2L, ARRL Technical Staff), HF Operation for Beginners (aimed at novice or new operator WB6WKM). The ARRL Forum (KB6ZV and K6ITL) will give you the opportunity ask your Director and Vice-Director questions about the ARRL, matters before the FCC and other topics related to amateur radio. prize drawings will be held after the ARRL Forum.

Novice and Upgrade Examinations are going to be held during the convention.

Information about activities for the spouses of hams attending the convention will be available at a later date.

A block of rooms has been set aside at the Le Baron Hotel. The room charge per night will be \$48.00 plus tax for either 1 or 2 people. Be sure that when you call the Le Baron Hotel (408-288-9200 or 800-662-9896) ask for special 'Pacificon '87' rate.

The convention is shaping up to be a real nice affair. Make your plans to come to San Jose in October and meet with some of your ham friends.

#### FROM YOUR TREASURER

SCCARA president Ed, WD6CHD has covered field day elsewhere in this issue, but I'd like to add something. Joining me in accepting the challenge to roll up a mighty CW score Lou. WA6QYS: Florenzio, KB6MHA; Jim WE6V: KB6MXH; Lee, Don K6PBQ: and "JD", K6YKG. What a team! We welcome others who wish to participate. Don't be shy!

I strongly urge our novices and technicians to show up to have the "time-of-their lives". Ask Phil, KB6NZV if he enjoyed field day last Larry, year! KB6HRN is practicing CW.

I applaud the statement that Doc, W6ZRJ made during his talk at our "to meeting: become a better operator, GET ON THE AIR". Many hams wish to pass through their novice to get to a higher license class without operating. That's commendable, but I say don't overlook the skills gain experience that you will struggling through your first novice QSO. The second QSO will be a bit easier, and so on. By not operating novice you miss out on a lot. the With new examination system getting a ticket is easier, but there is no easy way to acquire operating skill.

Ed welcomed our new members, but I must add Norm Galassi, N6NKR - a new member with a new extra class Vern Howard, KB6ISF, who president of the Tandem as Computer ham club. Welcome to all new members!

Congratulations to the following upgraders: Francis Legendre. KB6MXF. general: Warren Benson. KB6JOB. Scellato, general; Roy advanced; Bob Forster, N6PCQ, estra; and Robert Brown, KB60HQ, general.

leaque just announced special events operation to celebrate 200th anniversary of the U.S. Constitution. To participate in this event we would use W200UW for WGUW. California participation time will be September 3-9, 1988. We have plenty of time to plan.

This is usually Carla's turf, but be this could of interest. A new contest for YL's only is the YLRL (CONTINUED RIGHT COLUMN)

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(CONTINUED FROM LEFT COLUMN) novice/technician day to be held from 1700Z to 2100Z on Saturday, June 6th.

is a CW contest and contest rules appear in the May 1987 issue of

"CQ".

I have been asked about the next novice class. I have in mind a plan to organize a seminar style class for perhaps some time in August. I really of reaching the younger desirous prospects and those who have completed previous efforts for various reasons. By assembling guide with a team to teach the study various subjects, Ι feel that novice class could be taught or, Saturday, at the most, two Saturdays. Advance preparation would be necessary and would be implemented by providing a study packet before the class. More on this weeks later.

73 de Dan. WM6M

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JD, K6YKG reports that SCCARA has various pieces of old amateur radio equipment available for loan newcomers. The length of time that these items can be borrowed must be an agreement between you and JD. can reach JD by calling 227-2033. JD is also available for "Elmer" duty on a limited basis. If you are having trouble getting that new gear on the air, call JD. Either he or one of his associates will try to assist you. You can't enjoy your hobby unless you get on the air.

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WD6CHD ED RAWLINSON 2619 ARAGON WAY SAN JOSE, CA. 95125

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ACUNA	SEGUNDO P.I.	WAGWNU	408 CONESTOGA WAY	SAN JOSE	CA 95123	408-224-0554	ADV	Y	87
ALEXANDER	VBRNON .	NEJCI	4495 STRAWBERRY DR.	SAN JOSE	CA 95129	408-252-7402			BM
ALLAN	GBORGE A	WAGO	4050 LEMOYNE WAY	CAMPBBLL	CA 95008	408-866-5953	BXT	Y	87
ALLEN	GALE "A1"		BOX 360640	MILPITAS	CA 95035	209-941-8155	STU	N	87
ANDERSON	BLLIOTT B.	KBEKOQ	2139 ASHWOOD LANE	SAN JOSE	CA 95132	408-263-3491	NOV	Y	87
ASHBY	LOWELL		4440 WILLOWGLEN WAY	BOCKLIN	CA 95677	916-624-5175	STU	N	87
ASHBY	PHIL	*	1450 JEFFREY AVE.	SAN JOSE	CA 95118	408-267-3118	STU	N	87
BALL	CARL L.	NEHLY	1735 LAWRENCE RD.BLD3 #111	SANTA CLARA	CA 95051	408-984-1699	TBC	Y	87
BALTZ	KBVIN	KB6LCS	P.O.BOX 334	APPLEGATE	CA 95703	916-878-2207	NOV	N	87
BARKER	PHIL	KB6NZV	2327 PRUNBRIDGE AVE. #5	SANTA CLARA	CA 95050	408-243-5850	TEC	N	87
BEEDLE	WILLIAM	KF6KV	1832 VILLARITA DR.	CAMPBBLL	CA 95008	408-379-3448	ADV	Y	87
BENSON	WARREN	KB6J0B	1781 PRACOCK	MOUNTAIN VIEW	CA 94043		TEC	N	87
BERGHANN	MICHABL	<b>K</b> B6NBP	5770 WINFIBLD BLVD. #5	SAN JOSE	CA 95135	408-225-8217	STU	N	87
BERNER	ROY C.	RAGPZD	4328 SHERBOURNE DR.	SAN JOSE	CA 95124	408-264-2899	NOV	Y	87
BIGHAN	SAM	NENRX	6820 MOSSELLE	SAN JOSE	CA 95119	408-226-3073	TEC	N	87
BOCANEGRA	JOSE	WAGYRU	2010 BIRD AVE.	SAN JOSE	CA 95125	408-266-2997	NOA	Y	87
BOREBN	ALAN	WB6LZH	812 ALMARIDA DR.	CAMPBELL	CA 95008	408-378-8021	ADV	N	87
BOYD	ALVIN	KAGLJD	2339 BRAY AVE.	SANTA CLARA	CA 95050	408-296-8862	NOV	N	87
BRADLEY	RICH	KB6PYK	3713 BENTON ST.	SANTA CLARA	CA 95051	408-249-0167	STU	N	87
BRICE	THEODORE	WAGGEV	48332 COTTONWOOD ST.	PREMONT	CA 94538	415-657-5779	EXT	N	87
BRITTEN	WALLACE A.	RA6YMD	585 SO. 14TH ST.	SAN JOSE	CA 95112	408-293-3847	ADV	Y	87
BRODY	JERRY	MAGUMO	3432 WHRELING DR.	SANTA CLARA	CA 95051	408-241-0767	ADV	Y	87
BROWN	ROBERT	KB60HQ	3911 MYLINDA DR.	SAN JOSE	CA 95132	408-251-5378	NOV	N	87
BROWNELL	GAIL	KB6B2B	1765 SHAMROCK	SANTA CLARA	CA 95051	408-244-4178	NOV	Y	HN
BUTTS	KRITH	KNEK	802 TICONDEROGA DE.	SUNNYVALE	CA 94087	408-733-7516	BIT	Y	87
CANONIZADO	FLOR	KB6MHA	1152 SUNNY COURT	SAN JOSE	CA 95116	408-294-0873	GEN	N	87
CARD	MEBRILL A.	KBETO	453 NOLDEN AVE.	SAN JOSE	CA 95117	408-243-6177	ADV	Y	87

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CATTO	SCOTT	WASTOF	1211 PEMBROKE DR.	SAN JOSE	CA 95131	408-272-0816	TEC	N	87
CLONINGER	WENDELL	KB61CR	16611 TOPPING WAY	LOS GATOS	CA 95030	408-356-5497	TBC	Y	HM
COBLHO	DAROLD S.	NEBEZ	3441 HICHERSON DR.	SAN JOSE	CA 95127	408-272-4538	GBN	Y	87
COBLHO	DONALD W.	NAEP	3410 GOLF DR.	SAN JOSE	CA 95127	408-259-6162	BIT	Y	87
CRACCHIOLO	ANNA	KB6LC0	2316 BRAY AVE.	SANTA CLARA	CA 95050	408-247-8609	NOV	y	87
CRACCHIOLO	JERRY	KJ6L	2316 BRAY AVB.	SANTA CLARA	CA 95050	408-247-8609	EXT	Y	87
CROWELL	LYMAN D.	N6JYS	2298 MONTEREY RD. #32	SAN JOSE	CA 95112	408-293-7424	GBN	N	87
CUMMINGS	LARRY	KB6HRN	249 MAHONBY DR.	SAN JOSE	CA 95127	408-272-5279	TEC	Y	87
DADDYSHAN	JAMBS	R6YKG	3819 MAUI DR.	SAN JOSE	CA 95114	408-227-2033	BXT	Y	87
DAVIBS	ALLAN	NEIQT	8343 RIESLING WAY	SAN JOSB	CA 95135	408-270-0164	TEC	Y	87
DAVIS	JBANNE		12+0 DIXON LANDING RD. #113	MILPITAS	CA 95035	408-943-1516	STU	N	87
DE SILVA	RON	NV6F	1337 OLD STONE BD.	SAN JOSE	CA 95132	408-259-5734	BIT	Y	HM
DeANGELO	JOE	KAGIWP	15218 WOODARD AVE.	SAN JOSE	CA 95124	408-377-0357	TEC	N	87
DELEERSNYDER	ron	KB6JLI	669 AZULE AVE.	SAN JOSB	CA 95123	408-972-1953	NOV	Y	87
DETWILER	DALB	W6SIO	3668 BL GRANDE DR.	SAN JOSE	CA 95132	408-259-0518	GBN	Y	87
DIETZ	DAN	MNRH	6220 HOPI CIRCLE	SAN JOSB	CA 95123	408-224-9023	BXT	Y	87
DIMTER	LEE	W6YBV	16316 BNGLBWOOD AVE.	LOS GATOS	CA 95030	408-356-8328	BXT	Y	HM
DINH	TRIBN		2266 PASETTA DR. #3	SANTA CLARA	CA 95050	408-241-3089	STU	N	87
DODGE	CLARENCE W.	KB6DLG	2204 CHERRYSTONE DR.	SAN JOSE	CA 95128	408-296-1188	nov	Y	87
DROZDIAK	WALTER	W6LDO	1840 HURST AVB.	SAN JOSE	CA 95125	408-264-9278	BXT	Y	87
DURAZZO	MARTY B.	K6JKM	2311 COTTLE AVE.	SAN JOSE	CA 95125	408-269-0730	ADV	Y	87
DYSON	JIM	WB9YTZ	1212 OAKLAND RD. \$145	SAN JOSE	CA 95112	408-437-0889	GEN	Y	87
BATON	DOUG	KP6HD	1324 S. WINCHESTER BLVD. \$17	SAN JOSE	CA 95128	408-866-7481	EXT	· <b>Y</b>	87
EGGERS	ROBERT E.	KD6US	5576 OAKHURTS CRT.	SAN JOSE	CA 95129	408-252-7544	ADV	N	87
BLLIOTT	DAVE	WB5FRV	985 BASTWOOD PL.	LOS ALTOS	CA 94022	415-965-4731	TEC	Y	87
BLLIOTT	FRAN	KAGUUS	5450-7 MONTERBY RD.	SAN, JOSE	CA 95111	408-226-6214	GEN	Y	87

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BNOS	MBBAIN	NEFZS	2325 STRATFORD DR.	SAN JOSE	CA 95124	408-377-7045	GBN	Y	87
BYKHOLT	JOB	NEPCR	1322 CASA CRT.	SANTA CLARA	CA 95051	408-984-7844	TEC	Y	87
FEDERWISCH	DORIS	KB6PYL	17575 HILL RD.	MORGAN HILL	CA 95037	408-779-7787	NOV	N	87
FEDERWISCH	HAL	KB6PYM	17575 HILL BOAD	MORGAN HILL	CA 95037	408-779-7787	NOV	N	87
FELDMAN	MARSHALL	NEOHO	2113 RANDOLPH DR.	SAN JOSE	CA 95128	408-294-0848	TBC	Y	87
PLORIP	BRUCE	KA7AHW	441 GREENWOOD DR.	SANTA CLARA	CA 95054	408-980-0474	BIT	Y	87
PORGIE	RICHARD	ND6B	912 CAPE BUFFALO DR.	SAN JOSE	CA 95133	408-251-1477	BXT	Y	87
PORSTER	ROBERT L.	N6PCQ	268 EELLOGG WAY	SANTA CLARA	CA 95051	408-296-5509	BIT	Y	87
PRAHER	JOHN B.	KAGFRK	23000 CRISTO RRY DR.	LOS ALTOS	CA 94022	415-967-7382	NOV	Y	87
PREITAS	BHMBTT F.	AB6Z	481 PENLEY AVE.	SAN JOSB	CA 95117	408-243-8349	EXT	Y	87
FUJII	GRORGE M.	K6DBZ	824 NO. 5TH ST.	SAN JOSE	CA 95112	408-293-8568	ADV	Y	87
FURLOW	CLIPTON	KR6HM	27 PLBASANT BIDGE CT.	SAN JOSE	CA 95127	408-258-4139	ADV	Y	27
PURLOW	KARIN	KB6ELS	27 PLEASANT RIDGE CT.	SAN JOSE	CA 95127	408-258-4139	TEC	Y	87
FURTADO .	ARTHUR	<b>K</b> G6PY	2266 STRATFORD DR.	BAN JOSE	CA 95124	408-371-2655	ADV	Y	87
GAETANO	AL	WEVZT	115 OLD ADOBE WAY	LOS GATOS	CA 95030	408-379-3776	EXT	Y	87
GALASSI	NORM	NENER	1348 SYDNEY	SUNNYVALE	CA 94087	408-732-8891	EXT	Y	87
GARDNER	D.F.	KAGORC	2286 CAMBOSE AVE.	SAN JOSE	CA 95130	408-983-0505	GBN	Y	87
GETSLA	KATHY	KB61CQ	477 PAMLAR AVE.	SAN JOSE	CA 95128	408-275-0735	TEC	Y	87
GETSLA	STAN	WASVJY	477 PAMLAR AVE.	SAN JOSE	CA 95128	408-275-0735	ADV	<b>Y</b>	87
CLASS	PRANE	K6RQ	14910 LOS GATOS BLVD.	LOS GATOS	CA 95030	408-356-1026	BXT	Y	87
CMBLIN	JEAN A.	W6ZRJ	10835 WILLOWBROOK WAY	CUPERTINO	CA 95014	408-973-8583	BXT	Y	87
GOELZ	STEVE		36575 MULBERRY ST.	NEWARK	CA 94560	415-792-5201	STU	И	87
GOODLIVE	RUSS K.	WB6ESZ	1401 FRANCHERE PL.	SUNNYVALB	CA 94087	408-732-1472	TEC	N	87
GORDOY	ALPRED	K6LHQ	770 GOODWIN AVE.	SAN JOSB	CA 95128	408-297-5398	ADV	Y	87
GRAMBSCH	PRANCES	KB6JBQ	610 B. DUANE	SUNNYVALE	CA 94086	408-739-0643	NOV	N i	87
GRAMBSCH	RICK	WASTEM	610 B. DUANE AVE.	SUNNYVALE	CA 94086	408-739-0643	BXT	N a	87

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NAME		CALL	ADDRESS	CITY	ST ZIP	PHONE	CLASS LIC		DUES PAID
GRASSO	PRANE	Nenso	2620 PLUMMER AVE.	SAN JOSE	CA 95125	408-265-0992	TEC	N	87
GRASSO	JOSEPH	KENSN	2620 PLUMMER AVE.	SAN JOSE	CA 95125	408-265-0992	TEC	N	87
CRITTER	MILLIAM	KB6NBG	4781 SALLY	SAN JOSE	CA 95124	408-266-2230	TEC	N	87
HAJNY	EDMUND J.	WEACW	20581 CRAWFORD DR.	SUNNYVALE	CA 94087	408-739-6105	GBN	Y	87
HALE	CHUCK	KG6A	3276 AMHURST LANB	SAN JOSE	CA 95117	408-246-6040	BXT	N	87
HASTINGS	JAMES		2681 BARCELLS AVE.	SANTA CLARA	CA 95051	408-243-6745	STU	N	87
HASTINGS	JOAN	<b>K</b> B&LFZ	2681 BARCELLS AVE.	SANTA CLARA	CA 95051	408-243-6745	NOV	N	87
HASTINGS	MICHABL	KB6LCJ	2681 BARCELLS AVE.	SANTA CLABA	CA 95051	408-243-6745	GBN	N	87
HBLDBRMAN	TEDDY B.		550 DRY YARD DRIVE	SAN JOSB	CA 95117	408-241-5661		Y	87
HELLER M.D.	ALAN M.	W8MDA	242 HARDING AVE.	LOS GATOS	CA 95030	408-356-2059	GEN	Y	87
<b>H</b> BNDBRSON	LB	KB6MXH	857 TAMARACK LANB	SUNNYVALE	CA 94086	408-241-7081	TEC	N	87
HENRY	LEE	NEEMF	5201 STEVENS CREEK BLVD.	SANTA CLARA	CA 95051	408-268-2002	GBN	Y	87
HERSCHBACH	ALBERT	* I some	1134 TELPER AVE.	SAN JOSE	CA 95125	408-294-1509	STÚ	N	87
HILL	GENE	NÉANB	381 BLUBFIELD DR.	SAN JOSE	CA 95136	408-226-6801	GBN	N	87
HIMMBLFARB	HERB	KB6ABG	478 CHINOOK LANE	SAN JOSE	CA 95123	408-226-2919	NOV	Y	87
AHOH	BRIC	NENKZ	P.O.BOX 643	APPLEGATE	CA 95703	916-878-2207	TEC	Y	87
HOWARD	VBRN	KB6ISF	1338 SUNNYCREST CE.	SAN JOSE	CA 95122	408-287-3010	ADV	N	87
HUDGENS	ROBERT	WASKUC	1626 TRONA WAY	SAN JOSE	CA 95125	408-264-2434	TEC	Y	87
JOHNSON	THOR	NEOHE	335 SAINT FRANCIS DR.	BOULDER CREEK	CA 95006	408-338-2950	TEC	N	87
JOHNSTON	WILLIAM A.	NEEMQ	209 SO. PETER DR.	CAMPBELL	CA 95008	408-377-1524	TEC	N	87
KARLQUIST	RICK	NERK	BOX 700009	SAN JOSE	CA 95170	408-253-9182	BXT	Y	87
KBAGY	WILLIAM	Kebon	2417 GLENDENNING AVE.	SANTA CLARA	CA 95050	408-243-5948	ADV	Y	87
KELL	HAROLD L.	<b>K</b> A6LJG	1663 PARKSIDE AVE.	SAN JOSE	CA 95125	408-371-6273	NOV	N	87
KELL	JAMES G.	KAGABC	15350 CARLTON AVE.	SAN JOSE	CA 95124	408-377-2723	TEC	N	87
KELLER	ROBERT M.	<b>К</b> В6ОНО	1059 BIG OAK CRT.	SAN JOSE	CA 95129	408-252-2090	NOV	N	87
KENNEDY	JOSEPH S.	Meed	P.O.BOX 2370	SARATOGA	CA 95071	408-741-5481	EXT	Y	87
KROUGH	WILLIAM J.	KB6MY0	1850 CAVALIBR CRT.	SAN JOSE	CA 95124	408-998-4155	NOV	Y	87

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NAME		CALL	ADDRESS	CITY	ST ZIP	PHONE	CLASS LIC		DUBS PAID
RING	HARRY	WB6JPL	1016 NOVEMBER DR.	CUPERTINO	CA 95014	408-253-8642	NOV	Y	87
KOHLER	ROBERT G.		5668 CONISTON WAY	SAN JOSB	CA 95118	408-448-1823	STU	Y	87
RUCKENS	BEN	RIGBW	209 MISTLETOE RD.	LOS GATOS	CA 95030	408-866-4321	ADV	Y	87
LANG	ВОВ	NENSW	7000 W. MURRAY CK. RD.	MT. RANCH	CA 95246		TRC	N	87
LAUER	J.J.	KB6OHN	1462 ABBOTT AVB.	CAMPBELL	CA 95008	408-866-0689	TBC	Y	87
LAWRENCE	ОТНО	<b>K</b> 6CAY	18965 HARLBIGH DR.	SARATOGA	CA 95070	408-867-1647	ADV	Y	87
LEGENDEB	FRANCIS	KB6MXF	1318 GAINSVILLE AVE.	SAN JOSE	CA 95122	408-923-5941	GEN	N	87
LETRICH	DICK	MBEARN	3686 KIRK RD.	SAN JOSE	CA 95124	408-264-0965	EXT	Y	87
TEAIN	ALLAN	NGNOY	12481 SARATOGA CREEK DR.	SARATOGA	CA 95070	408-255-6852	ADV	Y	87
LOZADA	NOBL R.	NEJFO	95-F RANCHO DR.	SAN JOSE	CA 95111	408-365-7866	TEC	Y	87
LUDERMAN	SUSAN	KASSOC	6815 DBL MONTE	RICHMOND	CA 94805	415-234-0717	BXT	Y	HM
LUTZ	MICKY To	ngodn	1696 ADRIBN DR.	CAMPBELL	CA 95008	408-379-5317	TBC	N	87
HADDEN	MICHABL	KB60HM 3	475 TIGBRWOOD WAY	SAN JOSE	CA 95111	408-226-9386	TEC	Y	87
MAGBY	WILLIAM C.	KA61WK	2269 SHILOH AVE.	MILPITAS	CA 95035	408-946-0238	GBN	Y	87
MANGAN	BDWARD P.	KB6DLB	4942 KENLAR DR.	SAN JOSE	CA 95124	408-377-1630	TEC	N	87
MANNINA	JOSEPH	WASTBT	5450-7 MONTBREY HIGHWAY	SAN JOSE	CA 95111	408-226-6214	GBN	Y	87
McCORMICE	FRANK	KASHWC	1450 OAKLAND RD.	SAN JOSE	CA 95112	408-275-1223	TEC	N	87
McLESTER	WILLIAM	NEPCT	415 ACALANES DR. #11	SUNNYVALE	CA 94086	408-965-2803	TEC	Y	87
MEIERDIERES	JOHN	WAGUWF	1666 MORGAN ST.	MOUNTAIN VIBW	CA 94043	415-967-4266	TEC	Y	87
MESSICK	LEWIS	NEHRA	5960 TAORMINO AVE.	SAN JOSE	CA 95123	408-225-7273	GBN	Y	87
METZGER	ROYAL	K6VIP	285 B. MISSION ST.	SAN JOSE	CA 95112	408-294-3575	BXT	Y	87
METZGER	VIRGINIA	K61UU	285 B. MISSION ST.	SAN JOSE	CA 95112	408-294-3575	GEN	Y	87
MITCHELL	FRANE	RAGHTP	1714 BUTANO DR.	MILPITAS	CA 95035	408-262-6655	GEN	N	87
HITCHELL	WALT	WB60DL	1714 BUTANO DB.	MILPITAS	CA 95035	408-262-6655	ADV	N	87
MOYB	MABVIN C.	K6MXR	2881 LARGO DR.	SAN JOSE	CA 95132	408-729-6443	GBN	Y	87
NEMEC JR.	FRANE A.	WENJR	16800 BOHLMAN BD.	SARATOGA	CA 95070	408-867-1901	BXT	Y	87
NOBLE	ANDY	KB6MXG	185 WEDGEWOOD AVB.	LOS GATOS	CA 95030	408-492-3659	NOV	Ŋ	87

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NAME		CALL	ADDRESS	CITY	ST ZIP	PHONE	CLASS LIC	ARBL MEMB	
NOBLE	WALLY		2065 CALIFORNIA ST. \$47	MOUNTAIN VIBW	CA 94040	415-962-9064	STU	N	87
O'KEEFE	JAMES M.	WB6V	158 INVERNESS CIRCLE	SAN JOSE	CA 95124	408-264-4987	BIT	Y	87
OLIVEIRA	JORGE		4859 POPEJOY CT.	SAN JOSE	CA 95118	408-267-4899	STU	N	87
OLIVER	BILL	WB60RU	627 NO. 4TH ST.	SAN JOSE	CA 95112	408-292-0426	TEC	Y	87
OPPENHEIMER	MARTIN J.	KB6BW	1595 LAURELWOOD RD. SP.167	SANTA CLARA	CA 95054	408-988-1058	ADV	Y	87
OROZCO	FRANE X.	KASIWA	5737 INDIAN AVE.	SAN JOSE	CA 95123	408-629-1889	NOV	Y	87
ORTEGA	SALLY		854 HARRISON ST.	SANTA CLARA	CA 95050	408-249-7676	NOV	N	87
OSBORNE	MIKE	MYEATA	758 CARMEL DR. APT.3	SUNNYVALE	CA 94086	408-736-2960	ADV	Y	87
PACCHETTI	BRIAN	KB6LCK	349 CURTNER AVE.	CAMPBELL	CA 95008	408-559-8432	TEC	Y	87
PARSONS	DON H.	N6KLP	1233 LENOR WAY	SAN JOSE	CA 95128	408-244-9751	ADV	Y	87
PETSCHONEK	RAY	KDESV	1777 PINEWOOD CT.	MILPITAS	CA 95035	408-946-3978	ADV	Y	HM
POMBROY	GEORGE ED	KAGACK	7210 VIA AMPARO	SAN JOSE	CA 95135	408-238-3141	GEN	Y	87
PONCE	HENRY	WD6CGI	2151 OLD OAKLAND RD. \$179	SAN JOSE	CA 95131	408-263-0655	GEN	. <b>y</b>	87
POUND	ALFRED W.	KAGJ	999 ROSA CT.	SUNNYVALB	CA 94086	408-732-3646	BXT	Y	87
PRATT	TERYL L.	NENBQ	3290 LBAPWOOD LANE	SAN JOSE	CA 95111	408-281-3099	TEC	Y	87
QUEMENT	FRANK	WENX	2030 HURST AVE.	SAN JOSE	CA 95125	408-264-3239	EXT	Y	HM
QUIRANTES	JOSEPH	WAGDXP	2809 NICHOLAS DB.	SAN JOSE	CA 95124	408-371-0959	<b>BX</b> T	Y	87
RATHBURN	GORDON F.	KAGHLO	2492 SCANLAN PL.	SANTA CLARA	CA 95050	408-248-0577	GEN	Y	87
BAWLINSON	BD	WD6CHD	2619 ARAGON WAY	SAN JOSE	CA 95125	408-264-2988	TEC	Y	87
RAWSON	DICK	NECHJ	141 KIT CARSON CT.	SANTA CLARA	CA 95050	408-248-4805	GBN	Y	87
BICHMAN	ROBERT L.	N6KLQ	415 BBRNADO #307	SUNNYVALB	CA 94086	415-961-8793	TEC	Y	87
RITCHIE	GARTH O.	NGOFG	16268 CAMBLLIA TBR.	LOS GATOS	CA 95030	408-356-2680	TBC	Y	87
ROBINSON	WM K.	WBGONL	13855 SARATOGA AVE.	SARATOGA	CA 95070	408-867-0113	ADV	Y	HM
BOSCHMANN	TIMOTHY J.	KB6LCU	1675 CLOVIS ST.	SAN JOSE	CA 95124	408-269-8461	TEC	Y	87
ROUSH	GRORGE E.	WAGHET	16250 JACARANDA WAY	LOS GATOS	CA 95030	408-356-7752	TEC	Y	87
RUSSELL	JACE S.	WAGIER	2471 RAMEE PL.	SANTA CLARA	CA 95050	408-296-5276	TBC	N	87
RUTH JR.	LEO W.	WECHN	101 SHELL DR. AFT.115	WATSONVILLE	CA 95076	408-722-8890	GBN	Y	HM
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NAME		CALL	ADDRESS	CITY	ST ZIP	PHONE	CLASS LIC		L DUBS B PAID
SALINAS	RUBBN R.	KBSABQ	1453 SARATOGA DR.	MILPITAS	CA 95035	408-262-1248	TBC	N	87
SANCHEZ	TONY	<b>K6</b> M0B	1761 BENTON ST.	SANTA CLARA	CA 95050	408-296-6676	TBC.	N	87
SCELLATO	JACQUELINE	f,	767 SAN RAMON AVE.	SUNNYVALE	CA 94086	408-730-1564	STU	Y	87
SCELLATO	ROY	KB6GHF	767 SAN RAMON AVE.	SUNNYVALB	CA 94086	408-730-1564	ADV	Y	87
SCHMIDT	PAUL A.	WB6YRS	1365 DRY CREEK RD.	SAN JOSB	CA 95125	408-267-4860	ADV	Y	87
SCHNEIDBCEER	JOHN	<b>KA7AHV</b>	935 DESERT ISLE DR.	SAN JOSE	CA 95117	408-244-0484	ADV	Y	87
SEPRIED	HARVEY D.	NGOHA	557 JESSE JAMES DR.	SAN JOSE	CA 95123	408-578-8287	TEC	N	87
SERVER	GBORGE T.	KB6LUC	1199 LBNNON WAY	SAN JOSE	CA 95125	408-264-4482	TEC	Y	87
SHAPIRO	MARK		1225 VIBNNA DR. #199	SUNNYVALE	VA 94089	408-734-3814	NOV	Y	87
SHEPPARD	SCOTT	NEAZH	3424 RUBION DR.	SAN JOSE	CA 95127	408-274-7676	GEN	N	87
SHEPPARD	WILLIAM L.	NEAZL	5440 FAIRWAY DR.	SAN JOSE	CA 95127	408-258-4620	GBN	N	87
SIMPSON	BURT	WAGGBQ	395 MACARTHUR AVE.	SAN JOSE	CA 95128	408-294-2115	ADV	Y	87
SIOSON	ANGELITO D.		2917 SUNWOOD DE.	SAN JOSE	CA 95111	408-281-3339	STU	N	87
SNELL	GBORGE D.	WEARM	1289 GLEN BYRIE DR.	SAN JOSE	CA 95125	408-295-6427	GEN	Y	87
SNIVELY	HOWARD A.	W6GFH	1134 SHBNANDOAH DR.	SAN JOSE	CA 95125	408-269-0519	GEN	Y	87
STACEHOUSE	KEN	WB4IAI	1580 INVERNESS CIR.	SAN JOSE	CA 95124	408-723-8979	EXT	Y	87
STAFFORD	RODNEY J.	KB6ZV	5155 SHADOW BSTATES	SAN JOSE	CA 95135	408-274-0492	ADV	Y	87
STARKEY	JOHN	WECNT	817 SYLVANDALE	SAN JOSE	CA 95111	408-226-6090	EXT	Y	88
STEIRER	LOUIS	WAGQYS	2809 TOLEDO AVE.	SANTA CLARA	CA 95051	408-241-7999	ADV	Y	87
STEPHENSON	LESLIE E.	KB6PIV	1006 WESTWOOD DR.	SAN JOSE	CA 95125	408-292-5463	GEN	Y	87
STEVENS	BILL J.	W6ZM	2074 FOXWORTHY AVE.	SAN JOSB	CA 95124	408-377-6722	EXT	Y	87
STODDART	DAVID	KB6QQ	1610 BRANHAM LANE #115	SAN JOSE	CA 95118	408-265-6669	ADV	Y	8?
STONE	STEWART HALL		OPS/GBMD/NAS MOFFETT FIELD	MOUNTAIN VIEW	CA 94035	415-961-4885	STU	N	87
STUEGIS	STEPHEN F.	KI6KA	2393 DONNER PLACE	SANTA CLARA	CA 95050	408-983-0885	ADV	Y	87
SULLIVAN	IRVIN	KB6PYP	1043 CALUMBT CRT.	SAN JOSE	CA 95112	408-292-8693	TEC	N	87
TANNEE	HELBN	K6GJJ	2340 WALNUT GROVE	SAN JOSE	CA 95128	408-244-2445	GEN	Y	87
TANNER	JOHN S.	K6EJF	2340 WALNUT GROVE AVE.	SAN JOSE	CA 95128	408-244-2445	GBN	Y	87

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NAME		CALL	ADDRESS	CITY	ST ZIP	PHONE	CLASS LIC		DUBS PAID
TERESI	SAN	W6BOA	1988 DBO DARA DR.	LOS ALTOS	CA 94022	415-968-1814	ADV	Y	87
THOMAS	JOHN		1216 COYOTE CREEK CRT.	SAN JOSE	CA 95116	408-295-2659	STU	N	87
TIBBS	PAUL	W6WG0	80 SINCERO DR.	WATSONVILLE	CA 95076	408-728-1202	ADV	Y	RM
TRACY	SUSAN	WAGOCV	171 McGIVEN WAY	SANTA CRUZ	CA 95060	408-476-7968	ADV	Y	HM
TRUE	CLAIRE	KB6LBW	456 LILYANN WAY	SAN JOSB	CA 95123	408-227-1976	TEC	N	87
VANDERBEEK	HERBERT	WY6G	630 ASHTON AVB.	PALO ALTO	CA 94306	415-493-6397	BIT	N	87
VARGAS	PHIL	NEIBC	3080 WATER ST.	SAN JOSB	CA 95111	408-629-9352	GBN	Y	87
WILLAGE	DONALD L.	K6PBQ	3290 WOODY LANE	SAN JOSB	CA 95132	408-263-2789	BXT	Y	87
VINCENT	JOHN A.	KG6AK	1729 MOCKING PLACE WAY	SAN JOSE	CA 95121	408-238-5368	ADV	Y	87
WALKER	BDWARD A.	N8BX0	945 LAUREL GLEN DR.	PALO ALTO	CA 94304	415-941-7431	GBN	Y	87
WALLIN	PRED B.	KIGHD	1373 CORDILLERAS AVE.	SUNNYVALE	CA 94087	408-245-4595	ADV	Y	87
WALTERS	WILLIAM B.	MEMKE	3315 KIRKWOOD DR.	SAN JOSE	CA 95117	408-248-4229	TBC	Y	87
WATSON	L. CARLA	WOEX	473 PALO VERDE DR.	SUNNYVALB	CA 94086	408-773-1885	BXT	Y	87
WHARTON	ROBERT I.	W600Y	1535 SUNSHADOW LANB	SAN JOSE	CA 95127	408-251-0505	GBN	Y	87
WIBFELS, M.D.	FRANK L.	KB6MYP	1585 DRY CREEK RD.	CAMPBBLL	CA 95008	408-377-7867	NOV	Ÿ	87
WIJTHAN	HARRY	AB6M	2705 BONNIE DR.	SANTA CLABA	CA 95051	408-241-1118	EXT	Y	87
WILBANKS	BEN	KA6R .	385 UTICA LANB	SAN JOSE	CA 95123	408-578-2870	BXT	Y	87
WILBANKS	SUZANNE	KAGAFK	385 UTICA LANE	SAN JOSE	CA 95123	408-578-2870	GBN	Y	87
MITHERN	JOHN	KB6HSL	606-39 ALBERTA AVE.	SUNNYVALB	CA 94086	408-720-1524	NOV	Ņ	87
WINFREE	URIBL J.		1505 DeROSE WAY #86	SAN JOSE	CA 95126	408-995-6109	STU	N	87
WOODING	MIKE	KB6PYQ	439 GREENDALE WAY #3	SAN JOSE	CA 95129	408-984-1323	TEC	N	87
WYATT	BRAD	RGWR	18400 OVERLOOK RD. #5	LOS GATOS	CA 95030	408-395-2501	BXT	Y	HM
ZEECHEE	CHRIS		882 PEPPER TREE LANE	SANTA CLARA	CA 95051	408-248-1554			BM
ZUMBRUNNEN	ERNEST G.	WB6UOM	889 SANTA BITA AVB.	LOS ALTOS	CA 94022	415-941-8248	ADV	Y	87