SCCARA-GRAM

Santa Clara County Amateur Radio Association

Volume 11, Number 11   **November 1995**

President's Prose

This edition of the SCCARA-GRAM is dedicated to Ed WD6CHD... Our deepest sympathy: CHILI HOT DOG.

Born September 3, 1915, called to labor October 13, 1995. On Friday the 13th of October 1995, as I returned home from a VFW meeting I received some very bad news: Our long time loyal SCCARA member Ed Rawlinson WD6CHD "Chili Hot Dog" passed away in his sleep. The news was received from Ed's son Steve, KD6KZL of San Jose.

Ed was a past President of SCCARA and held many other positions, the most recent was the *Good & Welfare* column. "Thanks Ed," it was a pleasure knowing and working with you.

Saturday was spent on the phone passing on the sad word of the loss of our good friend Ed. Many friends showed up at the Memorial service at the San Jose Masonic Center 2:00 PM Thursday 19, October 1995. SCCARA was well represented, along with many other HAMS that knew Ed through the years. Good-bye my friend, our sympathy to your Family. From: Every member of the Santa Clara County Amateur Radio Association.

Many thanks to all those who attended Ed's services. "To so live that the Great Kingdom of Brotherhood may be brought near, and we brought closer, together."

On a lighter note: November 1995, here we are with "Pacificon '95" past. We saw many familiar faces at the convention, some from SCCARA and some from years gone by. Was it worth it? You bet it was. Doug WN6U, Mary (my xyl), and myself drove on Saturday and had a great day!

I had the opportunity to attend several very good presentations relating to our GREAT hobby. It is a misfortune that some of our club members missed this event, but maybe next year.....?

The activities at Pacificon '95 included packet talks and a table with packet demonstrations put on by the NCPA, which was headed by our own Gary Mitchell WB6YRU.

ELECTIONS *** THIS MEETING *** ELECTIONS

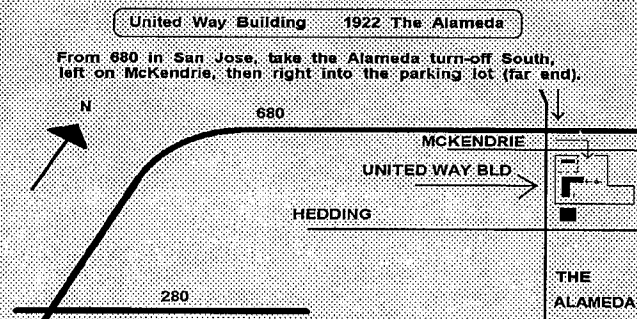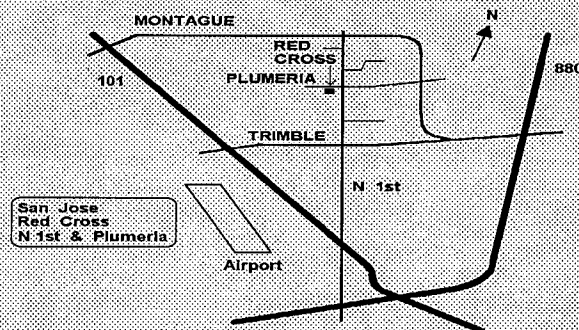73, Mike Marneris
K8ERL @ N0ARY.#NOCAL.CA.USA.NOAM
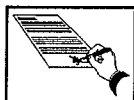
Calendar

11/13 SCCARA General Meeting--Elections!
11/27 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)
12/15 SCCARA General Meeting--Dinner!
12/18 SCCARA Board Meeting--3rd Monday

Next General Meeting

Day:	Monday, November 13, 1995
Time:	7:30 PM
Place:	United Way Building
Agenda:	George Berry KC6ULT, Urban Search & Rescue, will talk about the Oklahoma City bombing.

United Way Building   1922 The Alameda

From 680 in San Jose, take the Alameda turn-off South, left on McKendrie, then right into the parking lot (far end).

Good & Welfare

SILENT KEY

Ed Rawlinson, WD6CHD, "Chile Hot Dog" passed away in his sleep sometime during the night in his San Jose home Thursday or early Friday morning Oct. 12-13. The memorial service was held the following Thursday.

Ed became an amateur and member of SCCARA in 1976. In the past, he has been a director, Vice President, President, and editor of the club. His latest club duty was author of this very column. Those who were privileged to know Ed will understand when I say: even at age 80, he went too soon--the world needs people like Ed.

To *Chile Hot Dog*: 73 OM, we'll miss you.

Gary, WB6YRU, Editor

November Talk

George Berry KC6ULT, of the Urban Search and Rescue California Task Force 3 from Menlo Park will be our November speaker. George will talk about his experiences in Oklahoma City. This should be a very interesting talk, so plan to attend.

Don't forget: we also have our annual elections at the November meeting.

Hugh KD6EFL

Meeting Minutes

General Meeting, Oct. 9, 1995
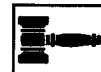
7:42 pm Meeting called to order by Mike Marneris, K8ERL. Self introductions followed as is our custom.

Speaker

Bill Rausch, AA6PA, is our speaker tonight and his topic is Amsat's Phase 3D satellite which is scheduled to be launched in late May 1996. His was a very interesting and informative speech.

There was a proposal put before the membership that Don Hayden, KO6HH, will be allowed to use the SCCARA trailer to haul the tower from the estate sale of a former member to Bill Parent's house. Bill will be buying the tower. This was approved by the membership.

Trish WA6UBE, gave an update on the moving of

the SCCARA repeater to the City of San Jose communication vault. SCCARA and the city must sign an agreement before the repeater can be put in the city vault. The vault is 800 feet high, there is another location that maybe available which is 950 feet high. Club president Mike, K8ERL, said we should get the ball rolling and get an agreement worked out within one month.

Elections

Don Hayden said that Hugh Collis, KD6EFL, will accept the President's job. There is no candidate for Vice President. So far, the nominations are:

President - Hugh, KD6EFL
V.P. - (none)
Secretary - Gary, WB6YRU, incumbent.[1]
Treasurer - Rex, N6BUO, incumbent.[2]
Station Trustee - Stan, WA6VJY, incumbent.
Directors - Don, K6PBQ and George, AB6OZ, incumbents.
[1]*Not present, previously said he would not run for re-election.*
[2]*Says he is only thinking about it.*

Gary, WB6YRU, needs articles for the SCCARA-GRAM.

Lou Steirer, WA6VJY, said that the next SVECS breakfast will be October 28.

Don, K6PBQ, said that the Hungry Hunter may be the site of our next Christmas Party.

Raffle was held.
Meeting adjourned 9:58 PM.

Recording Secretary, Lloyd KD6FJI

Board Meeting, Oct. 23, 1995

Meeting called to order at 7:06 PM, Mike K8ERL presiding. Attendance: Mike K8ERL, Hugh KD6EFL, Imre KD6MZM, George AB6OZ, Don K6PBQ, Lou WA6QYS, Gary WB6YRU, Rex N6BUO, Keith KN6K, and Bob N6PCQ.

K8ERL: About the repeater move...

Stan recently sent me the latest version of the Letter of Understanding (LoU) between SCCARA, the RACES (City) of San Jose. I have some additions I want to included--namely: there should be provisions for either party to remove (have removed) SCCARA's equipment after 90 days written notice. Others on the board or repeater committee may have other corrections; however, I want to get this finished within a month.

It was the opinion of the board that any equipment or upgrades should be done with the best equipment available (within reason).

KN6K: There is a meeting coming up between us,

RACES, and the City.

The secretary was directed to distribute the latest version of the LoU among the board and repeater committee, and coordinate any changes. KN6K will then take the final version to the meeting with the City and RACES.

Discussion followed regarding the repeater set-up at the radio vault, etc.

Vice Pres. KD6EFL: Nov. meeting will feature George Berry, KC6ULT, about amateur radio and the bombing of the government building in Oklahoma City. KE6KXO may run for V.P. for next year.

Secretary WB6YRU: Old minutes - The minutes from 1989 through 1993 have been found! We need to come up with a good system for keeping and passing on records.

Repeater at Trish's - We are supposed to pay the phone bill plus $10 per month for electricity (monthly, quarterly, or annually). I suggest we have the mailing address for the repeater's phone bill changed to the club address. This would make it easier to keep track of what we owe Trish ($120 per year) and to pay it.

Since it looks like the repeater move is within sight now, the board felt we should hold off on this issue for now.

Elections - We still need candidates for VP and Secretary. Also, Rex hasn't decided for sure yet if he will continue as Treasurer.

9600 port at N0ARY BBS - It looks like the best option for a 9600 baud port at N0ARY is Kantronics KPC-9612 TNC ($199.95) and the Kantronics D4-10 high-speed data radio 10 watts ($369.95). If we wanted to go all out, for $180 more we could get the Data Engine instead of the 9612 TNC. This would be able to run up to 19200 baud (the D4-10 will run at this speed). Bob N0ARY will use an antenna with considerable gain, which should help users running 2-5 watts.

KD6EFL: Motion to purchase the equipment described for N0ARY BBS, up to roughly $800. Approved unanimously.

Treasurer, N6BUO: We currently have $17731 total. Don Apte is working on that CD, but hasn't gotten back to me yet. $266.91 is due by Nov. 1st for insurance. A $10 check from Richard Baily, for his sellers' spot when we hosted the flea market, bounced with a $13 fee ($23 total) and I haven't been able to contact him.

Old Business

WA6QYS: We never paid the fees for hosting the Flea Market and they never asked for the money. I got in contact with Hall Silver N6NDB who will send us a bill.

We voted to purchase a R-5 antenna from the John Cole AA6QE estate for $120. It is now in the club locker.

K8ERL: We sent Bob KB6OHO a check for $100 to help cover the costs of photos over the years.

New Business

WB6YRU: Regarding the General class -- Thanks to Don KO6HH for grabbing the ball and running with it. However, it started too soon for proper publicity, even in our own newsletter. We should keep this in mind next time. The class has been under way for four weeks now.

N6PCQ: I re-worked the message on the club hot-line. People should call it to see what they think. Send text of any changes or additions, (on packet: BBS N0ARY). There is an option of one minute or three minutes exactly. The tape broke and I can make it one or three minutes. It's old equipment and not very easy to make changes.

KD6MZM: Motion to buy a new answering machine for the hot-line. N6PCQ should get whatever is needed so changes can be easily made. Passed unanimously.

The ARRL Class Hotline has been disconnected.

K6PBQ: A "child's" menu has been added to the choices for the December dinner meeting, (12 years and under).

1996 United Way meeting place reservations are being made... March and December will be dinner meetings at a restaurant. September will be a dinner meeting at the United Way.

9:56 PM Adjourned

Gary, WB6YRU, Secretary

Secretary Says

We've had a bunch of new memberships lately--that's good, but unusual. Currently, we have 152 dues paying members. Normally, very few if any join in late summer and fall. Have we been doing something especially good lately?

It's time a revised club roster gets published. Please look it over and let me know of any corrections--particularly the zip+4 code. If you are having a problem with the newsletter delivery, incorrect information in the roster, or whatever, it's important to say so. If you don't mention it, we'll never know something needs fixing!

Rumor has it that one or two people may be having a newsletter delivery problem--this could be due to an incorrect zip code. Also, it will help if we have your zip+4 code. If only your 5-digit zip is in the roster, please don't forget to include those last four digits when you renew your membership.

Please see the *Newsletter Notes* column in this issue for more information regarding newsletter mailing.

Finally, remember we have elections coming up at the November meeting. The latest word is that we still need a candidate for the next Vice President and Secretary... and possibly Treasure if Rex decides not to accept nomination.

Gary WB6YRU, Secretary

Thank You

AMSAT TALK OUT OF THIS WORLD

Bill Rausch AA6AP, area coordinator for AMSAT gave a great talk at the last SCCARA meeting. A big thank you to Bill who filled us in on all the latest details of the Phase 3D satellite. This sounds like it will be a great new way for hams to communicate world wide. Bill had some great slides and a model of the satellite. Thanks again to Bill Rausch for an interesting and informative talk. All who attended really enjoyed it.

Hugh KD6EFL
Thanks Bill!

Raffle

RAFFLE DONATIONS ON THE RISE

We have been receiving some great raffle prize donations for the monthly general meetings. As you know, the raffle held at each meeting of SCCARA is really not much of a fund raiser. If we are lucky, it breaks even or comes close to breaking even. We mainly have it as something fun to do. But lately, we have been getting some great donations from some of the members. Some of the members who have donated recently are Bill Parent KE6OUG, Barbara Britten KD6QEI, Alonzo Dallas N6XME, Trish Gibbons WA6UBE, Mike Hastings KB6LCJ, Roy Metzger K6VIP, Ed Rawlinson WD6CHD (silent key), and El Wirt K6ZYY. I'm sure there were others that I forgot. If you donated something and I didn't mention your name, please let me know.

Hugh KD6EFL

Youth Group

Congratulations on the Ham license upgrade. Timothy Brady, KE6MEA, age 11 recently upgraded to General Class. Good work! SCCARA is glad to see that the good study effort paid off. We hope to hear you soon on the bands that you're now eligible to use. Have fun with your new privileges.

The SCCARA Youth Group Novice and Technician Plus class started on October 3. Five students are enrolled in the Tuesday night class.

George, AB6OZ

Introduction To Packet Radio

by
Larry Kenney, WB9LOZ
Part 6

In part 5, I discussed the basics of using a packet bulletin board system. Now let's look at the commands you use on a BBS. As previously mentioned, some of the commands on your BBS might vary slightly from the information I'll be presenting to you here. Remember, all of the commands you enter must be followed by a carriage return <CR>.

? or H (Help) - Every BBS has help available for the user. When you don't understand how to use a command, the help documentation will give you the details. For help on a specific command enter: ? or H followed by the letter of the command you'd like more information about. Either ? or H will work on some BBS's. On others, only one of them will work.

Example: ?L or HL will give you details on how to use the LIST command and its many variations.

A ? or an H, by itself, will give you general help information and specific instructions on how to use the help documentation on your BBS.

MESSAGE COMMANDS: LIST: One of the commands you will want to use when connecting to a BBS is the LIST command. There are many variations available, but L, by itself, is the one used most often:
L (List) - Lists all new messages that have been received by the BBS since you last logged in, except for other users' personal messages. This command will show you all of the bulletins and NTS messages on the BBS that you haven't seen, plus any personal messages that are to or from you. If you want to list specific messages, you may use one of the following variations of the L command:
• LM - (List Mine) - Lists all messages addressed to you.
• LL #- Lists the last # messages. Example: LL 30 will list the last 30 messages received at the BBS, excluding others' personal messages.
• L> call-sign or category - Lists all messages TO the call sign or the category indicated. Examples: L> N6XYZ or L> SALE
• L< call-sign - Lists all messages FROM the call sign indicated. Example: L< N6XYZ
• L@ designator - Lists all messages that have that "designator" in the @ BBS column of the message header. Example: L@ ALLCAN will list all messages with ALLCAN in the @ BBS column.
There are several other variations depending on the type of BBS you're using. Enter: ?L for a complete list.

READ: To READ a message, you enter an R followed by a space then the message number. Examples: If you wanted to read message 25723, you would enter: R 25723. To read several messages, such as numbers 25723, 25726, and 25730, you'd enter: R 25723 25726 25730. Note that you separate the numbers with a space, not commas.

You may also read messages in a way that will give you all of the forwarding headers in detail, rather than giving you just the call signs. The forwarding headers show the list of BBS's that handled the message to get it from the originating BBS to the one you're using, along with the date and time it was received, the BBS address and other information. Depending on the BBS software being used, either the RH or V command replaces the R. Examples: To read message 25723 with the full headers, you'd enter either RH 25723 or V 25723.

There is another variation of the READ command that you'll find very useful, and that's RM. Entering RM by itself will give you all of the messages addressed to you that have not yet been read.

ERASING MESSAGES: Once you have read a personal message, please erase it. The sysop will appreciate your help in clearing out the "dead" messages. You use the K - KILL command to do this. You can enter K #, such as K 25723, which will erase that particular message, or you can enter KM, which will erase all of the personal messages you have read. If you use the KM command, the BBS will list the message numbers for you as they're killed.

THE "S" COMMAND(S): You'll find the S command used for SENDing messages on all BBS's, and on some systems the S is also used for STATUS. On W0RLI-type systems, the letter S by itself will give you a reading of the BBS status, showing the call signs of stations using the system, the time that they connected, the ports and tasks they're using, etc. It will also show you information on the mail waiting for users and on the messages waiting to be forwarded to other bulletin board systems. S, by itself, on other systems will either prompt you for further information on sending a message, or it will give you an "illegal command" error message. (STATUS on an FBB BBS is obtained by entering ! - an exclamation point.)

SENDING A MESSAGE: The "S" command is mainly used for sending a message, but it should always be used with another letter specifying the type of message you're sending. There are three types of messages found on packet bulletin board systems: Personal, Bulletin, and Traffic.
• SP is used for sending a personal message to one other station.
• SB for sending a bulletin (a message available to all).
• ST for sending a message that's going to be handled by the National Traffic System.

You're able to send a message to one particular person, to everyone on the local BBS, to everyone at every BBS in your area, in the entire state, all across the country or around the world. It all depends on how you address the message.

Each message has three parts to it: The ADDRESS, the SUBJECT and the TEXT. I'll discuss each part separately.

THE MESSAGE ADDRESS:

PERSONAL MESSAGES: To send a personal message you enter SP followed by a space and then the call sign of the person you want to receive the message. Normally, that's all that's needed. A database of user information called the White Pages will fill in the address if it's known. (I'll discuss the White Pages later on in this series.) If the call sign is not known, you must then enter the full packet address, known as the hierarchical address. This address consists of the call sign of the BBS where you want the message to be delivered, the local area, state or province, country and continent. The local area is usually preceded by the # sign, and is optional in some areas. However, it helps deliver the message to its final destination more directly, so use it if you know what it is. The state or province is the two-letter abbreviation used by the post office; the country is the three-letter country code and the continent is the four-letter continent code. You should find a list of these codes on your BBS either in the help file or in the files section.

Here are some examples of some correctly entered addresses for a personal message:
    SP WB9LOZ @ W6PW.#NOCAL.CA.USA.NOAM
That's how you would address a message to me in San Francisco.
    SP WM2D @ WA2NDV.#NLI.NY.USA.NOAM
WM2D uses the WA2NDV BBS located in the Northern Long Island (#NLI) area of New York state.
    SP G8BPQ @ G3DAD.#32.GBR.EURO
Note that BBS's in Great Britain, Japan and some other countries use numbers for the local area and do not use the state part of the address.

The hierarchical address will be discussed in detail in part 7 of this series.

BULLETINS: A bulletin is addressed to a CATEGORY. The category is limited to six characters and should indicate the nature of the message, such as PACKET, INFO, SALE, WANTED, DEBATE, ARES, etc. To send a bulletin to more than just the local BBS, you must add a forwarding designator that will specify the area where you want the message distributed. This can be the local area, the entire state, a region, all of the US or the world. Each state uses different designator, so you'll need to check your local BBS for this information. Try entering ?S or ?SB for a list.

These are some examples of how you would address a bulletin:
    SB INFO
This bulletin is offering "information" (on a topic that would be given in the "subject") and it would be available only to users of the BBS where it was entered since no distribution is specified.
    SB SALE @ ALLCA
This bulletin lists an item that's for sale, and it will be sent to all BBS's in the state of California. (Note: ALLXX format is used most states, but the designator used in your state might use a different format.)

NATIONAL TRAFFIC SYSTEM (NTS) messages: NTS messages require special addressing and a prescribed format. They're entered as ST ZIPCODE @ NTSXX where the zipcode is that of the person the message is going to, and the XX is the two-letter state abbreviation. NTS messages can be sent to the US and possessions and Canada only. Examples:
    ST 03452 @ NTSNH
    ST 60626 @ NTSIL
    ST V7L1J3 @ NTSBC

THE MESSAGE SUBJECT: When you have the address line of your message complete, you enter a carriage return <CR>. You'll then receive a prompt asking for the SUBJECT or TITLE of the message.

For a personal message you may enter anything you wish, but you're limited to a maximum of 30 characters. I usually indicate what I will be discussing in the message.

For a bulletin, you should enter a brief description (again, 30 characters or less) describing what the message will be about. Lots of bulletins are received everyday, so your SUBJECT should help the one listing messages to determine whether or not your message is to be read. You should attempt to describe the contents of your bulletin briefly but with detail. For SALE or WANTED messages, be specific about the equipment and include the brand and model. If you used INFO as a category, indicate what the information is about. For a personal message, the subject entered is really not important, since people will read any message directed to them. For a bulletin, though, the subject is critical. It is in these thirty characters that you must "sell" your message to potential readers.

A NTS message requires a specific format for the subject: City, State, Telephone Area Code, and Prefix Example: Boston, MA 617-267

MESSAGE TEXT: Next, you'll be asked to enter the TEXT of the message. This is where you enter the actual message information. When entering the text, you should insert carriage returns at the end of each line, as if you were typing a letter. A normal line has a maximum of 80

characters, so when you have 70 to 75 characters typed, enter a carriage return and continue on the next line. This will prevent words from wrapping around to the next line and the program inserting an unnecessary blank line in the text. Some programs require the carriage return or anything after the first 80 characters will not be able to be read.

A NTS message requires you to use the ARRL message format for the text. I will tell you more about the National Traffic System and NTS messages later on in this series.

When you have completed the text, you end the message with a CONTROL Z (you send a CONTROL Z by holding down the CONTROL key and hitting the Z key) or with /EX at the beginning of a new line. You must follow the CONTROL Z or the /EX with a carriage return <CR>.

Many BBS's will send you information about your message once it has been received completely: the message identification, the size, and the fact that it has been saved, etc. Some systems do not, so you have to make sure you receive the BBS prompt. Only when you receive the prompt are you sure that the message has been accepted by the BBS.

FILE DIRECTORY COMMANDS: The files on a BBS offer you a variety of information on a wide range of subjects. The file section is often referred to as the BBS library. Each BBS has its own unique set of files as determined by the sysop (the system operator), yet the libraries of many BBS's contain a lot of the same information. The files are stored in directories according to subject and are listed by file name.

To determine what directories and files are available on your BBS you use the W (WHAT) command. Entering W, by itself, gives you a list of the directories available on the BBS along with an associated letter or topic name and a general description of the subject for each directory. To list the files stored in a specific directory you enter W followed the directory letter or topic name that you received with the directory list.

Example: WA or W ARRL depending on the software used at your BBS. Enter: ?W to find out which form is used on your system.

If you want to read a file you use the D (Download) command. You enter D followed by the letter or topic name for the directory where it's stored and then the exact file name. Here are some examples:
  DF FCCEXAM.LST or
  D FCC FCCEXAM.LST
  DM TS440S.MOD or
  D MODS TS440S.MOD
You can enter ?D to find out which form is used on your BBS.

To send a file to the BBS you use the U (Upload) command. The command must be used with the letter or topic name for the directory you want to store the file in, followed by the filename you're assigning to the file. The filename can have up to eight characters preceding the period and three characters following the period. (Normal DOS format.) Some examples:
  UG FLEAMKT.INF or
  U GENERAL FLEAMKT.INF
would upload a file named FLEAMKT.INF into the G or GENERAL directory.
  UP BBSTIPS.01 or
  U PACKET BBSTIPS.01
would upload the file BBSTIPS.01 into the P or PACKET directory. The BBS program will not allow you to upload a file with a filename that already exists. Some directories are set by your local sysop for downloading only, so they won't permit you to upload files to them. Enter ?U for more information on uploading to your local BBS.

OTHER COMMANDS: You'll find a variety of other commands available on your BBS, but which ones you find depends on the software being used. Here is an explanation of some of the ones you might find.

A - ABORT - Many systems offer the A (Abort) command, allowing you to stop the BBS from sending you further information. If you want to stop receiving a message list, a message, a file, or whatever is being sent to you, enter an A followed by a <CR>. When the TNC buffer is emptied, the flow of data will stop.

COPY - The COPY command is a C on some systems and SC (SEND COPY) on some others. The command is used to make a copy of an existing message and send it to another station. Enter ?C or ?SC for information.

C - CONFERENCE - Some BBS software offers a conference mode. This lets BBS users engage in a round-table QSO. Enter ?C on systems where this feature is available to get specific information.

D - DOS - The FBB BBS offers FBBDOS for listing, downloading, uploading and copying files, along with some other features. If you're using an FBB system, enter ?D for specific information.

E - EDIT - If you enter a message and then notice that you made an error entering the addressee's call sign, home BBS or address or decide you want to change the Subject of the message, some BBS's offer the EDIT command to make the desired changes. You can only change the message type, TO, BBS, address and subject. You cannot edit the message text. Enter ?E for details.

F - SERVERS - The FBB software offers several servers which you access by entering F, by itself. Enter ?F on an FBB BBS for an explanation of the servers available.

G - GATEWAY - A gateway feature is available on some BBS's, allowing you to connect to stations on a different BBS port than the one you're using. Enter ?G for details on how to use the gateway.

I - INFO - This command can give you details on the location of the BBS, the hardware, software, and RF facilities of the system you're using, or on some systems, a page of upcoming events, helpful hints, or other useful information.

On W0RLI and F6FBB type BBS's, there are several other variations of the I command:
   I callsign
gives you the name, QTH, zip code and home BBS of the person with that call sign, if they're listed in the local "White Pages" database. Example:
   I K1TGZ

   IZ zipcode
gives you a list of all active packet stations in the specified zip code that are stored in the local "White Pages". An asterisk may be used in place of the end numbers to give you a wider area. Examples:
   IZ 94114
would give you stations listed in the 94114 zip code only.
   IZ 941*
would give you the stations in all zip codes that begin with 941.
   I@ BBS
lists all call signs in the "White Pages" having the specified BBS as their home BBS. Example:
   I@ W6PW

   IH location
lists all call signs in the "White Pages" having the specified location. Examples:
   IH CA
   IH GBR

Enter: ?I for more detailed information on using this command.

J - Displays a listing of stations that were heard by the BBS or that connected to the BBS. The command must be used with a port identifier, such as JA, JB, etc. J, by itself, will list the ports for you or give you an error message. You'll find several variations of the J command depending on the type of software being used. Enter: ?J for details.

M - On MSYS BBS's M, by itself, will give you the message of the day.

N - The N command has several variations that are used for entering your name, QTH, zip code and home BBS. To enter your name you type the letter N followed by a space

and then your first name, such as: N Larry. Your QTH is entered using NQ followed by a space then your full city name and two letter state abbreviation, such as: NQ San Francisco, CA. You enter your zip code with NZ followed by a space and your five-digit zip. NH is the command for entering your "home BBS". This is the system that you plan to use regularly and want all of your personal messages delivered to. Make sure that it's a full service BBS, not a personal mailbox, since only full service systems are included in the message forwarding network. You enter your home BBS by typing NH followed by a space and then the call sign of the BBS, such as NH W6PW. (Note: SSID's are not used with BBS operation except for when making the initial connection. Most BBS software ignores all SSID's.)

REBBS type systems will ask you to register and you'll then be prompted for your name and other information. FBB type systems will automatically ask for your name and other information the second time you connect. On both of these BBS's, you will only need to use the N commands to change your user information.

This user information is stored at the local BBS and is also sent to a central database known as the "National White Pages Directory". The information can be accessed by anyone. You can use it to find the name, QTH, and home BBS of your friends. How to use the "National White Pages" will be discussed in part 9 of this series.

O - OPTIONS - FBB systems offer several user selectable options - the language used by the BBS, paging, mail listing and base message number. Enter ?O for an explanation of how to use these options if you're using an FBB BBS.

P - PATH - On MSYS BBS's, P followed by a call sign will give you the path last used by that station to connect to the BBS. Example: P W6PW

B - BYE - When you're finished using the BBS, enter a B to disconnect. You should always use the B instead of disconnecting with the TNC DISCONNECT command. On most BBS's, your user file is updated only when you leave the BBS using the B. If you don't use the B, the update doesn't occur, so the L command will not have the correct information for the next time you use the BBS.

Remember, you won't find all of these commands on the BBS you're using, but you might find others available that aren't listed here. For example: the N0ARY BBS was made specifically to have a more "natural language" format. Its commands are more user friendly, but it still understands most of the commands discussed here. Check your local BBS help document for a complete list of the commands available to you.

Packet Pieces

Downloaded from the packet network:

=============================

    Date: 20 Oct 95 07:27
    From: HH2B@HH2BM
    To: QST@ARRL
    Subject: ARLB094 DIGITAL RULES CLARIFIED

QST DE W1AW, from ARRL Headquarters Newington CT
To all radio amateurs

Digital Rules Clarified

The FCC, responding to a request from the ARRL, has clarified its rules regarding amateur radio stations' use of digital codes.

The ARRL, in a letter to the Commission, said that some amateurs had expressed concern about the propriety of using the Clover, G-Tor, and Pactor codes on the HF bands (below 30 MHz), because FCC rule 97.309(A) "appears to authorize" only Baudot, Amtor, and ASCII codes. The League told the Commission that it had worked with the developers of Clover, G-Tor, and Pactor to document the technical characteristics of those codes, and asked the FCC to remove any doubt about their legality on the HF bands.

The FCC agreed, saying that the use of the three modes does not conflict with its objective of preventing the use of codes or ciphers intended to obscure the meaning of the communication.

As a result, the FCC added a paragraph (4) to part 97.309(A) to read:

(4) An amateur station transmitting a RTTY or data emission using a digital code specified in this paragraph may use any technique whose technical characteristics have been documented publicly, such as Clover, G-Tor, or Pactor, for the purpose of facilitating communications.

=============================

    Date: 19 Oct 95 03:51
    From: KD4DVT@KD4DVT
    To: CW@ALLUS
    Subject: Another nail in the coffin

From: KD4DVT@KD4DVT.#LANC.SC.USA.NOAM
To : CW@ALLUSA

The November QST (page 93) reports that "Effective October 1, 1996, it is directed that the CW mode of communications will no longer be used on any Department of Defense (DoD) MARS circuits, networks, or frequencies.

"MARS has been steadfastly evolving to newer technologies to improve service. Technology such as single sideband replaced amplitude modulation to provide greater frequency efficiency. Likewise packet radio, AMTOR, PACTOR, GTOR, and CLOVER modes of operation have replaced radio teletype.

"CW use and need in MARS communications has diminished over the years. It is recognized that CW can no longer compete with the rapid developments in radio technology.

"Therefore, CW is to be retired from use within the DoD MARS."

QST reports the above was in a letter released in early August by the DoD. Another Nail in the coffin.
73 George KD4DVT

Newsletter Notes

Notice anything new on the front page? Instead of written directions to the United Way and the Red Cross, we now have maps. What do you think? Please let me know if you have any ideas for improvements on this or anything else.

First-class postage option

If you signed up for the first-class postage option on the newsletter or may do so for 1996--read on. For those who have not and never will--you can stop here.

The first-class postage option on the newsletter has been discussed recently. Our president questioned whether it is really needed--my answer is probably not. Evidently, it may be needed for one or two people, but not generally for anyone in San Jose or neighboring cities.

In order to gather information, Mike suggested the following (and I think it's a good idea): people currently with the first-class postage option will be receiving two newsletters: one by first class as usual, the other via bulk mail. **Please tell me when (day) you receive them.** This experiment will be done only on the November and December issues. If you receive the bulk-mail newsletter before the meeting day, you probably don't need the first-class option.

For now, please DON'T sign up for the first-class postage option when renewing your membership for 1996. You can always add this option later after the experiment is done, provided we decide to maintain the option. As an alternative, we may move up the publication time.

Thanks for your cooperation!

73, Gary WB6YRU, editor

SCCARA Roster -- Fall 1995

CALL	CLASS	FIRST	LAST	PHONE #	ADDRESS	CITY	ST	ZIP	SINCE
W6ACW	G	ED J	HAJNY	408 739-6105	20581 CRAWFORD DR	SUNNYVALE	CA	94087	1983
N6ANE	T	EUGENE	HILL	408 226-6801	381 BLUEFIELD DR	SAN JOSE	CA	95136-2106	1980
KA6ASV	A	TOM	DUNBAR	408 246-4273	117 N STERLING BLVD	STERLING	VA	20164-4021	1990
KD6ATU	G	ROGER D	KEENAN	408 734-2806	1050 BORREGAS AVE #71	SUNNYVALE	CA	94089-4270	1992
KC6BFQ	N	WARNER	NASH	408 241-5788	2652 WALLACE ST	SANTA CLARA	CA	95051-3826	1988
K6BQN	E	WILLIAM	KEAGY	408 243-1869	2417 GLENDENNING AVE	SANTA CLARA	CA	95050-6415	1953
N6BUO	A	REX	SKIVER	408 263-5277	1871 SHENANDOAH AVE	MILPITAS	CA	95035	1994
WA6BYB	G	FRANK M	MONEZ	408 578-7067	407 BLUEFIELD DR	SAN JOSE	CA	95136	1995
K6CAY	A	OTHO "OCH"	LAWRENCE	408 867-1647	18965 HARLEIGH DR	SARATOGA	CA	95070	1925
W6CF	E	JIM	MAXWELL	408 353-3911	PO BOX 473	REDWOOD ESTATES	CA	95044	1994
W6CFK	A	DICK	BARRETT	408 264-4320	1520 SANTA MARIA AVE	SAN JOSE	CA	95125-4463	1932
WD6CGI	G	HENRY	PONCE	408 433-1655	2151 OLD OAKLAND RD #179	SAN JOSE	CA	95131-1520	1976
WD6CHD	T+	ED	RAWLINSON (SK)	408 264-2988	2619 ARAGON WAY	SAN JOSE	CA	95125-5811	1976
KO6CI	E	REUBEN J	VASELENKO	408 247-0825	1201-66 SYCAMORE TER	SUNNYVALE	CA	94086	1994
N6CMJ	G	DICK	RAWSON	408 248-4805	141 KIT CARSON CT	SANTA CLARA	CA	95050-6615	1981
KE6CTH	T	JOHN	REGENT	408 984-1256	4201 NORWALK #DD103	SAN JOSE	CA	95129	1994
K6DEZ	A	GEORGE	FUJII	408 293-8568	824 NORTH 5TH ST	SAN JOSE	CA	95112	1932
KB6DLB	T+	ED	MANGAN	408 377-1630	4942 KENLAR DR	SAN JOSE	CA	95124-5104	1984
KE6DSB	T	TOM	LAPIERRE	408 245-4717	1487 BARTON DR	SUNNYVALE	CA	94087	1993
WA6DXP	E	JOE	QUIRANTES	408 371-0959	2809 NICHOLAS DR	SAN JOSE	CA	95124-1535	1975
KD6EFL	T	HUGH	COLLIS	408 246-9374	611 WOODHAMS RD	SANTA CLARA	CA	95051	1992
K6EJF	A	JOHN	TANNER	408 244-2445	2340 WALNUT GROVE AVE	SAN JOSE	CA	95128	1992
WB6EMR	E	JAMES D	ARMSTRONG JR	408 945-1202	1334 HIGHLAND CT	MILPITAS	CA	95035-7057	1991
W6EOA	E	SAM	TERESI	415 968-1814	1988 DEODARA DR	LOS ALTOS	CA	94024-7056	1948
KE6EOC	T	STAN	CHUE	415 991-2128	66 ALPINE AVE	DALY CITY	CA	94015	1993
KE6EOD	T	ANTHONY	SACCO	408 295-1433	1463 ALMA LOOP	SAN JOSE	CA	95125-1771	1994
KE6EOI	T	LOUIS P	KALDY	408 262-4799	2163 PEDRO AVE	MILPITAS	CA	95035	1994
K8ERL	E	MIKE	MARNERIS	408 243-9042	2679 BRADY CT	SANTA CLARA	CA	95051-3030	1978
KB6ETA	T+	BYRON	BOMMARITO	408 281-1916	571 GIRAUDO DR	SAN JOSE	CA	95111	1989
KE6FBY	T	LAURA	GAYNON	415 853-6049	1340 HAMILTON AVE	PALO ALTO	CA	94301-3122	1994
KC6FGX	T	JOHN	SKINNER	408 446-5451	939 S TANTAU AVE	CUPERTINO	CA	95014-4601	1988
KD6FJI	G	LLOYD	DeVAUGHNS	408 225-6769	216 WHIRLAWAY DR	SAN JOSE	CA	95111	1992
KE6FQV	T	THOMAS	JEW	415 857-6179	10109 OAKLEAF PL	CUPERTINO	CA	95014-1109	1994
KE6FTZ	T	RICHARD	GREENE	408 274-7783	2294 RUBY AVE	SAN JOSE	CA	95148	1994
AC6FU	E	JACK L	RUCKMAN	408 379-4846	1695 EBBETS DR	CAMPBELL	CA	95008-5111	1994
KE6FUG	T	PETER	ZEN	415 940-2267	11538 ROCK SPRING CT	CUPERTINO	CA	95014	1995
KE6GDA	G	STEPHEN	SELBERG	408 249-7369	1456 BARBARA DR	SANTA CLARA	CA	95050-4463	1995
WA6GKV	E	THEODORE C	BRICE	510 657-5779	48332 COTTONWOOD ST	FREMONT	CA	94539-7672	1976
KA6GZO	T+	JERRY	MCKEE	408 985-0349	1959 JACKSON ST	SANTA CLARA	CA	95050-3826	
W4HCX	E	FOSTER W	PAULIS	408 370-7394	582 SMOKEY CT	CAMPBELL	CA	95008-3717	1991
WA6HET	T+	GEORGE	ROUSH	408 741-1876	14660-B BIG BASIN WAY	SARATOGA	CA	95070	1965
AC6HG	E	MALCOLM	LAWTON	408 268-3251	1360 WHITBOURNE CRT	SAN JOSE	CA	95120-4555	1991
KO6HH	A	DON	HAYDEN	408 867-4643	13755 SKYLINE	LOS GATOS	CA	95030	1991
KD6HIK	T+	JOANNA	WOODROW	408 266-3993	1545 CALLE DE STUARDA	SAN JOSE	CA	95118-1917	1994
KE6HM	A	CLIFF	FURLOW	408 258-4139	27 PLEASANT RIDGE AVE	SAN JOSE	CA	95127	1981
N6HN	E	ERNEST	ESPIRITU	408 998-0729	430 N 8TH ST	SAN JOSE	CA	95112-3345	1996
KD6HNG	T	CRAIG	ADAMS	408 285-9702	15090 BEL ESCOU DR	SAN JOSE	CA	95124-5014	1993
KD6HNL	T+	JOHNNY	ANDERSON	415 469-4906	402 PLYMOUTH AVE	SAN FRANCISCO	CA	94112-2902	1992
KA6HTP	G	FRANK	MITCHELL	408 262-6655	1714 BUTANO DR	MILPITAS	CA	95035	1992
WB4IAI	E	KEN	STACKHOUSE	408 723-8979	1580 INVERNESS CIR	SAN JOSE	CA	95124-4809	1985
WA6IER	T+	JACK	RUSSELL	408 296-5276	2137 OTIS DR #204	ALAMEDA	CA	94501-5703	1976
KE6IKV	T	MELVIN D	CHAN	408 379-5232	2054 ANTHONY DR	CAMPBELL	CA	95008	1995
K6IUU	T+	VIRGINIA	METZGER	408 294-3575	285 EAST MISSION ST	SAN JOSE	CA	95112-5011	1991
KN6K	E	KEITH	BUTTS	408 248-3849	409 BUNDY #8	SAN JOSE	CA	95117-1660	1977
KD6KGI	T	MICHAEL	WEISER	408 378-2496	831 GALE DR APT 46	CAMPBELL	CA	95008	1994
N6KMQ	G	WILLIAM A	JOHNSTON	408 377-1524	209 SOUTH PETER DR	CAMPBELL	CA	95008-3312	1988
W7KPA	E	JOHN	STORIE	415 964-8350	255 S RENGSTORFF AVE #45	MOUNTAIN VIEW	CA	94040-1733	1995
KE6KXO	T	CLARK R	MURPHY	408 262-9334	PO BOX 135	ALVISO	CA	95002-0135	1995
KB6LCJ	G	MIKE	HASTINGS	408 243-6745	2681 BARCELLS AVE	SANTA CLARA	CA	95051-5729	1985
KB6LFZ	T	JOAN	HASTINGS	408 243-6745	2681 BARCELLS AVE	SANTA CLARA	CA	95051-5729	1986
KB6LUC	A	TOM	SERVER	408 264-4482	1199 LENNON WAY	SAN JOSE	CA	95125-3417	1986
AE6M	E	HARRY	WIJTMAN	408-241-1118	PO BOX 2101	SANTA CLARA	CA	95055-2101	1976
WM6M	E	DAN	DIETZ	408 458-3460	25 WESTDALE DR	SANTA CRUZ	CA	95060	1977
KE6MEA	T+	TIMOTHY	BRADY	408 729-9012	687 HIGH GLEN DR	SAN JOSE	CA	95133	1995
KE6MGQ	T	BRIAN	SAM	415 968-3021	1428 SAN LUIS AVE	MOUNTAIN VIEW	CA	94043	1995
KE6MGR	T	DANIEL	SAM	415 968-3021	1428 SAN LUIS AVE	MOUNTAIN VIEW	CA	94043	1995
AC6MH	E	ROBERT E	WITTERS	408 265-6618	1823 LAURINDA DR	SAN JOSE	CA	95124-5614	1995
K6MOB	A	TONY	SANCHEZ	408 296-6676	1761 BENTON ST	SANTA CLARA	CA	95050-5200	1958
KE6MQU	T	CYNTHIA	SAM	415 968-3021	1428 SAN LUIS AVE	MOUNTAIN VIEW	CA	94043	1995
KK6MX	E	DONALD R	APTE	408 629-0725	71 SOUTH SEA CT	SAN JOSE	CA	95138	1990
WA6MYU	T+	GEORGE	HAMMEL	408 453-5770	PO BOX 612017	SAN JOSE	CA	95161	1990

CALL	CLASS	FIRST	LAST	PHONE #	ADDRESS	CITY	ST	ZIP	SINCE
KD6MZM	T	IMRE	TAKACS	408 251-9686	1649 VIRGINIA PL	SAN JOSE	CA	95116	1989
KE6NBP	T+	ERIC	WANG	408 251-4862	3306 CROPLEY AVE	SAN JOSE	CA	95132-1812	1995
KB6NP	A	JON A	DUTRA	408 428-2058	20746 SEVILLA LN	SARATOGA	CA	95070-4824	1995
WA6O	E	GEORGE	ALLAN	408 225-2368	668 CHEMEKETA DR	SAN JOSE	CA	95123-3012	1979
WB6ODL	A	WALT	MITCHELL	408 262-6655	1714 BUTANO DR	MILPITAS	CA	95035	1979
N6OHK	T+	THOR	JOHNSON	916 644-8498	2881 ALDER CT	CAMINO	CA	95709-9672	1986
KB6OHO	E	BOB	KELLER	408 725-1034	1059 BIG OAK CT	SAN JOSE	CA	95129-3106	1986
KE6OJS	N	ALBERT	WANG	408 251-4862	3306 CROPLEY AVE	SAN JOSE	CA	95132-1812	1995
KE6OKK		LINDA	SCHULZ		17 UPPER LAKE RD	WOODSIDE	CA	94062	1995
AA6ON	E	MILTON	O'HARA JR	408 988-3959	2376 SHORESIDE CT	SANTA CLARA	CA	95054	1989
W6OOY	G	BOB	WHARTON	408 251-0505	1535 SUNSHADOW LN	SAN JOSE	CA	95127-4663	1956
WB6ORU	A	WILLIAM A	OLIVER	408 292-0426	627 N 4TH ST	SAN JOSE	CA	95112-5124	1973
KE6OUG	T	BILL	PARENT	408 926-9040	1138 SUMMERGARDEN CT	SAN JOSE	CA	95132	1994
KE6OUN	T+	PATRICK J	MONAHAN	408 370-7257	215 GOMEZ CT #2	CAMPBELL	CA	95008-1234	1995
KE6OUP	T+	JACK	MONAHAN	415 326-1713	1525 ALMA ST	PALO ALTO	CA	94301	1995
AB6OZ	E	GEORGE	BRADY	408 729-9012	687 HIGH GLEN DR	SAN JOSE	CA	95133	1991
KD6PAB	T	HARVEY	SAM	415 968-3021	1428 SAN LUIS AVE	MOUNTAIN VIEW	CA	94043	1993
KD6PBH	T+	J S	GOLDBERG	619 693-0767	PO BOX 26910	SAN DIEGO	CA	92196-0910	1992
K6PBQ	E	DON	VILLAGE	408 263-2789	3290 WOODY LANE	SAN JOSE	CA	95132-3544	1985
N6PCQ	E	ROBERT L	FORSTER	408 296-5509	268 KELLOGG WAY	SANTA CLARA	CA	95051-6713	1987
WB6PFB	G	KEN	ADCOCK	408 923-1701	3023 LITTLE ROCK DR	SAN JOSE	CA	95133-2030	1992
KO6PH	A	JAY	O'DELL	408 238-9245	3149 MIDHURST CT	SAN JOSE	CA	95135	1995
W6PHF	E	DAVID	PALMER	415 948-9527	638 BENVENUE AVE	LOS ALTOS	CA	94024	1995
KC6PUQ	T+	KEN	WILLIAMS	408 247-4129	739 ROGERS CT	SANTA CLARA	CA	95051-5716	1991
WA9PUR	G	JEROME N	LINDEN	408 629-9432	4979 SCARLETT WAY	SAN JOSE	CA	95111	1990
KD6PWK	T+	ROBERT H	HULT	408 374-2203	301 N 1ST ST #4	CAMPBELL	CA	95008	1993
KG6PY	E	ARTHUR	FURTADO	408 371-2655	2266 STRATFORD DR	SAN JOSE	CA	95124-2635	
AA6QE	E	JOHN	COLE	408 996-7311	12661 HOLYOKE CT	SARATOGA	CA	95070	1989
KD6QEI	T	BARBARA	BRITTEN	408 293-3847	585 S 14TH ST	SAN JOSE	CA	95112	1989
KD6QEJ	T	KIRSTEN M	BRADY	408 729-9012	687 HIGH GLEN DR	SAN JOSE	CA	95133	1993
N6QIO	T	NEAL	MACKLIN	408 741-1448	16620 BOHLMAN RD	SARATOGA	CA	95070-9604	1987
KE6QKJ	T	ERIC	SCOREDOS	408 338-7824	15880 KINGS CREEK RD	BOULDER CREEK	CA	95006	1995
KC6QOC	T	REGINA	WILLIAMS	408 247-4129	739 ROGERS CT	SANTA CLARA	CA	95051-5716	1991
N6QVG	T	RENEE	MACKLIN	408 741-1448	16620 BOHLMAN RD	SARATOGA	CA	95070-9604	1987
KD6QVO	T+	JAMES	SANTOS	408 985-8349	444 SARATOGA AVE #1B	SANTA CLARA	CA	95050-7032	1993
WA6QYS	A	LOU	STEIRER	408 241-7999	2809 TOLEDO AVE	SANTA CLARA	CA	95051-5605	1983
K6RQ	E	FRANK	GLASS	408 356-1026	14910 LOS GATOS RD	LOS GATOS	CA	95032-2011	1946
KC6SOC	E	TERRY	YOUNG	408 270-5639	3383 BELGROVE CT	SAN JOSE	CA	95148-3114	1991
KD6SV	A	RAY	PETSCHONEK	408 729-7893	1573 SAW LEAF CT	SAN JOSE	CA	95131	1992
WA6TBT	G	JOSEPH	MANNINA	408 226-6214	5450-7 MONTEREY HWY	SAN JOSE	CA	95111	1980
KC6TDK	A	PAT	ITATANI	408 463-0844	PO BOX 13157	COYOTE	CA	95013-3157	1991
KA6TGE	G	DON	DeGROOT	408 243-8827	937 PERREIRA DR	SANTA CLARA	CA	95051	1992
KE6TKM	T	ALAN	REEVES-FORTNEY	408 444-0737	1732 NEW HAVEN WAY	SALINAS	CA	93906	1995
KD6TOC	T	DAVID	CENCE		PO BOX 10489	SAN JOSE	CA	95157-1489	1994
W6TQH	T+	MICHAEL	GAYNON	415 853-6049	1340 HAMILTON AVE	PALO ALTO	CA	94301-3122	1994
N6TQN	T+	JACK	LOVGREN	408 238-1900	6146 MONTGOMERY PL	SAN JOSE	CA	95135	1991
N6TYI	T	DAVID	PRATT	408 281-2482	207 PINOT CT	SAN JOSE	CA	95119-1855	1991
WN6U	E	DOUG	EATON	408 377-3736	185 UNION AVE #22	CAMPBELL	CA	95008	1984
WA6UBE	G	PATRICIA "TRISH"	GIBBONS	408 923-0843	10958 MT HAMILTON RD	SAN JOSE	CA	95140	1995
KD6UD	A	WARREN	GILLERAN	408 988-2706	3543 MACINTOSH ST	SANTA CLARA	CA	95054-2246	1980
KM6UJ	A	CLINTON	HANCOCK	408 268-2106	6567 ASHFIELD CT	SAN JOSE	CA	95120-4502	1993
KA6UMI	T+	ROLAND	WELSPIEL	408 296-2006	1669 LEXINGTON ST	SANTA CLARA	CA	95050-5350	
KA6UUS	G	FRAN	ELLIOTT	408 226-6214	5450-7 MONTEREY HWY	SAN JOSE	CA	95111	1980
WA6UWF	T+	JOHN	MEIERDIERKS	415 967-4266	1666 MORGAN ST	MOUNTAIN VIEW	CA	94043-1801	1971
KE6UZO		DALE	HADLEY	408 266-9952	4876 CAROLINE WAY	SAN JOSE	CA	95124-5259	1995
WE6V	E	JIM	O'KEEFE	408 264-4987	1581 INVERNESS CIR	SAN JOSE	CA	95124	1981
K6VIP	E	ROY	METZGER	408 294-3575	285 EAST MISSION ST	SAN JOSE	CA	95112-5011	1956
WA6VJY	A	STAN	GETSLA	408 275-0735	477 PAMLAR AVE	SAN JOSE	CA	95128-4220	1984
KC6VPZ	G	J FERRIS "NORM"	NORMAN	408 947-1011	450 FULLER AVE	SAN JOSE	CA	95125-1546	1992
KC6VVU	A	DONELEY H	WATSON	408 266-3993	1545 CALLE DE STUARDA	SAN JOSE	CA	95118-1917	1991
WB6VXA	G	BOB	AVINA	408 247-3311	963 BLOSSOM DR	SANTA CLARA	CA	95050	1989
W6VZT	E	ALBERT F	GAETANO	408 379-3776	115 OLD ADOBE RD	LOS GATOS	CA	95030	1946
KE6WBQ	T	KENNETH W	WHITE	408 238-4470	3077 OLDFIELD WAY	SAN JOSE	CA	95135-1029	1995
KE6WHE	T	MICHAEL	O'HEARN	408 395-5848	105 OLIVE ST	LOS GATOS	CA	95030	1995
KO6WM	A	NEAL	PATE	408 293-1219	PO BOX 15	SAN JOSE	CA	95103	1994
KD6WPC	T+	RUTH	SMITH	408 248-3646	3215 ORTHELLO WAY	SANTA CLARA	CA	95051-3761	1991
WA6WST	A	JOHN	SHINN	408 272-8070	1051 RIBISI CIR	SAN JOSE	CA	95131	
WO6X	E	CARLA	WATSON	408 773-1885	473 PALO VERDE DR	SUNNYVALE	CA	94086-6763	1985
N6XME	T+	ALONZO	DALLAS	510 794-7602	PO BOX 610164	SAN JOSE	CA	95161-0164	1995
N6YLM	T+	BARBARA	EGGLESTON	408 248-4805	141 KIT CARSON CT	SANTA CLARA	CA	95050-6615	1990
KA6YMD	A	WALLY	BRITTEN	408 293-3847	585 SOUTH 14TH ST	SAN JOSE	CA	95112	1978
WA6YRU	A	JOE	BOCANEGRA	408 266-2997	PO BOX 585	SAN JOSE	CA	95106	1992
WB6YRU	A	GARY	MITCHELL	408 265-2336	1851 LAURINDA DR	SAN JOSE	CA	95124-5614	1990
N6YWZ	T+	WILLIAM M	ROGERS	408 225-8377	4648 MIA CIR	SAN JOSE	CA	95136-2325	1994
N6ZEX	T	ALI	MOULINE	408 263-3897	955 COVENTRY CIR	MILPITAS	CA	95035	1995

CALL	CLASS	FIRST	LAST	PHONE #	ADDRESS	CITY	ST	ZIP	SINCE
KD6ZJJ	T	ANDY	WIRT	408 978-1874	5067 RAFTON DR	SAN JOSE	CA	95124	1994
KD6ZJK	T	JOANNE	MOSES	408 578-7306	6059 BIGELOW CT	SAN JOSE	CA	95123	1995
W6ZM	E	BILL	STEVENS	408 377-6722	2074 FOXWORTHY AVE	SAN JOSE	CA	95124	1935
W6ZRJ	E	JEAN "DOC"	GMELIN	408 973-8583	10835 WILLOWBROOK WAY	CUPERTINO	CA	95014	1946
KD6ZUC	G	WIM	DEWILDER	408 732-5477	984 E EVELYN AVE	SUNNYVALE	CA	94086-6772	1995
K6ZYY	A	EL	WIRT	408 377-2202	4952 ESTHER DR	SAN JOSE	CA	95124-5411	1991

SCCARA Roster -- Fall 1995
Cross Reference by First Name

FIRST	LAST	CALL	FIRST	LAST	CALL	FIRST	LAST	CALL
ALAN	REEVES-FORTNEY	KE6TKM	GEORGE	ALLAN	WA6O	MICHAEL	GAYNON	W6TQH
ALBERT	WANG	KE6OJS	GEORGE	BRADY	AB6OZ	MICHAEL	O'HEARN	KE6WHE
ALBERT F	GAETANO	W6VZT	GEORGE	FUJII	K6DEZ	MICHAEL	WEISER	KD6KGI
ALI	MOULINE	N6ZEX	GEORGE	HAMMEL	WA6MYU	MIKE	HASTINGS	KB6LCJ
ALONZO	DALLAS	N6XME	GEORGE	ROUSH	WA6HET	MIKE	MARNERIS	K8ERL
ANDY	WIRT	KD6ZJJ	HARRY	WIJTMAN	AE6M	MILTON	O'HARA JR	AA6ON
ANTHONY	SACCO	KE6EOD	HARVEY	SAM	KD6PAB	NEAL	MACKLIN	N6QIO
ARTHUR	FURTADO	KG6PY	HENRY	PONCE	WD6CGI	NEAL	PATE	KO6WM
BARBARA	BRITTEN	KD6QEI	HUGH	COLLIS	KD6EFL	"NORM" J FERRIS	NORMAN	KC6VPZ
BARBARA	EGGLESTON	N6YLM	IMRE	TAKACS	KD6MZM	OTHO "OCH"	LAWRENCE	K6CAY
BILL	PARENT	KE6OUG	J FERRIS "NORM"	NORMAN	KC6VPZ	PAT	ITATANI	KC6TDK
BILL	STEVENS	W6ZM	J S	GOLDBERG	KD6PBH	PATRICIA "TRISH"	GIBBONS	WA6UBE
BOB	AVINA	WB6VXA	JACK	LOVGREN	N6TQN	PATRICK J	MONAHAN	KE6OUN
BOB	KELLER	KB6OHO	JACK	MONAHAN	KE6OUP	PETER	ZEN	KE6FUG
BOB	WHARTON	W6OOY	JACK	RUSSELL	WA6IER	RAY	PETSCHONEK	KD6SV
BRIAN	SAM	KE6MGQ	JACK L	RUCKMAN	AC6FU	REGINA	WILLIAMS	KC6QOC
BYRON	BOMMARITO	KB6ETA	JAMES	SANTOS	KD6QVO	RENEE	MACKLIN	N6QVG
CARLA	WATSON	WO6X	JAMES D	ARMSTRONG JR	WB6EMR	REUBEN J	VASELENKO	KO6CI
CLARK R	MURPHY	KE6KXO	JAY	O'DELL	KO6PH	REX	SKIVER	N6BUO
CLIFF	FURLOW	KE6HM	JEAN "DOC"	GMELIN	W6ZRJ	RICHARD	GREENE	KE6FTZ
CLINTON	HANCOCK	KM6UJ	JEROME N	LINDEN	WA9PUR	ROBERT E	WITTERS	AC6MH
CRAIG	ADAMS	KD6HNG	JERRY	MCKEE	KA6GZO	ROBERT H	HULT	KD6PWK
CYNTHIA	SAM	KE6MQU	JIM	MAXWELL	W6CF	ROBERT L	FORSTER	N6PCQ
DALE	HADLEY	KE6UZO	JIM	O'KEEFE	WE6V	ROGER D	KEENAN	KD6ATU
DAN	DIETZ	WM6M	JOAN	HASTINGS	KB6LFZ	ROLAND	WELSPIEL	KA6UMI
DANIEL	SAM	KE6MGR	JOANNA	WOODROW	KD6HIK	ROY	METZGER	K6VIP
DAVID	CENCE	KD6TOC	JOANNE	MOSES	KD6ZJK	RUTH	SMITH	KD6WPC
DAVID	PALMER	W6PHF	JOE	BOCANEGRA	WA6YRU	SAM	TERESI	W6EOA
DAVID	PRATT	N6TYI	JOE	QUIRANTES	WA6DXP	STAN	CHUE	KE6EOC
DICK	BARRETT	W6CFK	JOHN	COLE	AA6QE	STAN	GETSLA	WA6VJY
DICK	RAWSON	N6CMJ	JOHN	MEIERDIERKS	WA6UWF	STEPHEN	SELBERG	KE6GDA
"DOC" JEAN	GMELIN	W6ZRJ	JOHN	REGENT	KE6CTH	TERRY	YOUNG	KC6SOC
DON	DeGROOT	KA6TGE	JOHN	SHINN	WA6WST	THEODORE C	BRICE	WA6GKV
DON	HAYDEN	KO6HH	JOHN	SKINNER	KC6FGX	THOMAS	JEW	KE6FQV
DON	VILLAGE	K6PBQ	JOHN	STORIE	W7KPA	THOR	JOHNSON	N6OHK
DONALD R	APTE	KK6MX	JOHN	TANNER	K6EJF	TIMOTHY	BRADY	KE6MEA
DONELEY H	WATSON	KC6VVU	JOHNNY	ANDERSON	KD6HNL	TOM	DUNBAR	KA6ASV
DOUG	EATON	WN6U	JON A	DUTRA	KB6NP	TOM	LAPIERRE	KE6DSB
ED	MANGAN	KB6DLB	JOSEPH	MANNINA	WA6TBT	TOM	SERVER	KB6LUC
ED (SK)	RAWLINSON	WD6CHD	KEITH	BUTTS	KN6K	TONY	SANCHEZ	K6MOB
ED J	HAJNY	W6ACW	KEN	ADCOCK	WB6PFB	"TRISH" PATRICIA	GIBBONS	WA6UBE
EL	WIRT	K6ZYY	KEN	STACKHOUSE	WB4IAI	VIRGINIA	METZGER	K6IUU
ERIC	SCOREDOS	KE6QKJ	KEN	WILLIAMS	KC6PUQ	WALLY	BRITTEN	KA6YMD
ERIC	WANG	KE6NBP	KENNETH W	WHITE	KE6WBQ	WALT	MITCHELL	WB6ODL
ERNEST	ESPIRITU	N6HN	KIRSTEN M	BRADY	KD6QEJ	WARNER	NASH	KC6BFQ
EUGENE	HILL	N6ANE	LAURA	GAYNON	KE6FBY	WARREN	GILLERAN	KD6UD
FOSTER W	PAULIS	W4HCX	LINDA	SCHULZ	KE6OKK	WILLIAM	KEAGY	K6BQN
FRAN	ELLIOTT	KA6UUS	LLOYD	DeVAUGHNS	KD6FJI	WILLIAM A	JOHNSTON	N6KMQ
FRANK	GLASS	K6RQ	LOU	STEIRER	WA6QYS	WILLIAM A	OLIVER	WB6ORU
FRANK	MITCHELL	KA6HTP	LOUIS P	KALDY	KE6EOI	WILLIAM M	ROGERS	N6YWZ
FRANK M	MONEZ	WA6BYB	MALCOLM	LAWTON	AC6HG	WIM	DEWILDER	KD6ZUC
GARY	MITCHELL	WB6YRU	MELVIN D	CHAN	KE6IKV			

ARRL Pacific Division Update

November 1995

Vanity "Preferred" Call Signs

It appears as though the program for the actual application for call signs, other than the sequentially issued club call sign part of the program, will continue to be delayed, perhaps until 1996.

The NEW news is that the FCC has issued a Memorandum Opinion and Order to PR Docket 93-305 disposing of the Petitions for Reconsideration on vanity calls.

The effective date of these rule changes is Nov. 17, 1995. NOTE: THIS IS NOT THE "START DATE" FOR THE PROGRAM. The 610-V still is NOT available, and the date for the opening of Gate One has NOT been announced.

In brief, the following changes were adopted:

1. Call signs reflecting locations outside the contiguous 48 states are reserved for stations "whose licensee's mailing address is in the corresponding state, commonwealth or island." In requesting call signs in the mainland 10 call areas, applicants are NOT limited by their location.

2. Exceptions to this limitation apply to close relatives of deceased amateurs, and former holders of a call sign. So, if a former KH6 amateur now living on the mainland wants his KH6 call back, he will not have to have a Hawaii mailing address to do it.

3. To obtain a call sign, the licensee MUST hold the requisite class of license. For example, if you held W3BE and let it lapse, you will have to get your Extra to get it back. The same concept applies to close relatives of deceased amateurs. There are some very subtle details concerning Group A, B, and C call signs and, in particular to Pacific island calls in these groups. Please see FCC Amateur Station Sequential Call Sign System, Fact Sheet PR-5000 #206, dated February 1995 and the ARRL FCC Rule Book to be sure you understand the details.

4. There will be another gate, One A, for clubs which held club call signs prior to March 24, 1995 who apply to obtain the call sign of a deceased member.

5. The FCC has not stated how they will handle APO/FPO addresses.

The fee for a vanity call sign has already been reduced by the FCC to $30 for a ten year period.

Telecommunications Reform

Telecommunications reform is one of the key topics in Washington DC currently as Congress returned from its August Recess. Both the House and Senate have passed differing Telecommunication Reform Acts. Apparently these bills focus on broadcast TV, cable TV, telephone service, and related matters. It appears that these bills do not affect the Amateur Radio Service directly, but there may yet be surprises. A conference committee from both houses will try to reconcile the differences between S. 652 and H.R. 1555. The conference committees have just been named. In the Pacific Division, Anna Eshoo (D) CA 14th is a member from the House, but no meetings have been held as of mid October.

There are also various other proposals floating around Washington DC including proposals to eliminate the Department of Commerce and the FCC, as examples. This latter idea comes from the "Progress and Freedom Foundation," a "Think Tank" group consisting of folks with various political views. The proposal, essentially, is to eliminate the FCC and allocate the entire RF spectrum on a "property rights" basis.

The mood in Congress seems to be to enact some sort of telecommunications reform, but just what is unclear so far.

The ARRL Washington Team continues to monitor these developments and be active on our behalf. See September QST page 50 and October QST page 53 for more details.

IARU Region 2 Meeting Results

In September at Niagara Falls, Ontario Canada, the representatives of the several national radio leagues met. IARU Region 2 consists of North and South America.

Among the topics reviewed was the expansion of the newly signed agreement on Reciprocal Licenses in all of North and South America under the auspices of the Inter American Telecommunications Commission (CITEL) part of the Organization of American States (OAS). The International Amateur Radio Permit (IARP) is now well underway in U.S., Canada, Uruguay, and Peru to permit an amateur from any one of the four to use his native country license as the only license needed. This is the same arrangement the U. S. now has with Canada.

Unfortunately, the U.S. has not implemented this program for U. S. amateurs. ARRL has submitted a petition to FCC (RM 8677) to implement this program in the U.S., but there is no known date for action on the petition. It is not likely that the U.S. will implement the program until more nations sign up. Interestingly, the first two IARP licenses were issued to Canadians at the IARU Region 2 meeting. When fully implemented, you will not need to apply in advance to obtain an actual reciprocal license.

There was also agreement to pursue various programs on 40 meters to try to reduce the interference problems in the frequencies below 7100 KHz among the SSB, CW, and digital activities. This problem is particularly difficult, but now there seem to be the first steps to try to resolve the problems as they relate to North and South American usage.

Save those MARS Stations

With the closing of the military bases, the related MARS stations will likely be closed. There are several groups working to attempt to save the MARS stations involved. Several have written proposals to save the stations but with mixed results. One Federal program which might be a great aid in saving the MARS stations is the "Federal Lands to Parks Program" as described in a brochure "U.S. Government Printing Office 1993-0-359-650" and related information available from the National Park Service, Western Regional Office, Planning, Grants and Environmental Quality Division, 600 Harrison St., Suite 600, San Francisco CA 94107, (415) 744-3972. A preliminary contact has been made with Pete Sly, the manager of this program. There may be other contacts and programs, but this is the only one found so far.

Ham Shot - Saved by Ham Radio

Rory Clark, KD6RKL, of Citrus Heights CA, a suburb of Sacramento, was shot while standing at a bank automatic teller machine. Using his hand-held transceiver, he called for help on the N6ICW repeater, owned and operated by Chris Huber. As a result, he was able to obtain medical assistance promptly. In the words of local authorities, "That contact saved Rory's life."

Local hams rushed to his and his family's assistance, and continue to be of support. Among them was Jim Rosima, KD6SSW, who took Clark's family to the hospital after the incident.

As of mid October, Rory was home and recovering well. Good luck, Rory, and thanks to all were involved! Thanks to ARRL PIO, John Arndt, KD6SSZ, who was the source of this story.

FCC News

On Aug. 17, FCC Chairman Reed Hundt proposed actions to save money, including personnel reductions and facility closings. In the Pacific Division, the Honolulu HI field office and the Livermore CA monitoring station would be closed by the summer of 1996. The Honolulu field office is now part of the FCC's San Francisco Region as the Seattle Regional office is now closed with the retirement of the Regional Director.

One facility, in Laurel MD, would be the central site for "electronic monitoring." The FCC will add a new centralized FCC Call Center, where for the first time members of the public anywhere in the United States will be able to call a toll-free number to reach the FCC for information or assistance. See October QST page 15 for more details.

In another announcement, the FCC is considering privatizing the resolution of radio frequency interference to consumer electronics devices. Under the plan, private repair shops would be used to fix problems in the field. FCC spelled out the Commission's concept at a meeting in Tampa, saying "Since it is not feasible for the Commission to attempt to resolve these complaints" (the most of which come from Citizens Band operation), "it is our policy not to investigate interference to home electronic equipment. Likewise, we do not offer any protection from interference."

Over the past several years, the FCC has been unofficially out of the "retail" RFI business, and parties who contact the FCC about an interference problem are asked to work together toward a solution.

Depending on what the local repair shop found, either the shop would fix the equipment or, in the case of a violation of FCC rules, the service shop would refer the case back to the FCC for possible FCC action. The question of who would pay was not addressed. See October QST page 80 for additional details.

The FCC Compliance and Information Bureau has recently released a new 24 page color publication titled "Interference to Home Electronic Entertainment Equipment Handbook." This document states "Cost-cutting manufacturing techniques, such as insufficient shielding or inadequate filtering, may also cause your equipment to react to a nearby radio transmitter. This is not the fault of the transmitter and little can be done to the transmitter to correct the problem." [Editor's emphasis] The publication called Bulletin CIB-2, May 1995, apparently may be obtained directly from the FCC CIB Field offices, although reports of actual availability vary. One known source is the U.S. Government Printing Office, PO Box 371954, Pittsburgh, PA 15250. The price is $2.50 postpaid. See October QST page 15 for additional details.

New Pacific Division Appointment

It is my pleasure to announce that John W. Cooper, Jr., WB6QWG, of Eureka CA, has been appointed as Volunteer Counsel for the north coast area of California. Welcome, John, to the Pacific Division team!

Coming Events

• Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore CA, 7 AM to Noon, all year. Talk in 147.045 from west, 145.35 from the east. Contact Noel Anklam, KC6QZK, (510) 447-3857 eves.

Brad Wyatt, K6WR
Director, ARRL Pacific Division

18400 Overlook Rd. #5
Los Gatos CA 95030-5850
(408) 395-2501

Packet: K6WR @ N0ARY.#NOCAL.CA.USA.NOAM
Internet: bwyatt@arrl.org

December Dinner Meeting Sign-up

Our annual December dinner meeting will be on Friday, Dec. 15th, at the Hungry Hunter in Milpitas, Calaveras Blvd near Hwy 680 (old yellow house location). Cocktails at 7 PM and dinner at 8 PM. We will have a choice of four entrees. Regular dinners are $20 each, children's choices are indicated below. Reservations need to be in by Friday, December 1. Talk-in on our repeater W6UU, 146.385(+). I'm looking forward to seeing all of you there. Why not renew your membership (back cover) at the same time? -- Don K6PBQ

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         For the annual dinner meeting in December, sign me up for the following dinner(s):
From the regular menu, $20 each:
              Prime Ribs of Beef                Whiskey Peppercorn Top Sirloin Steak
_____                                   _____

              Teriyaki Chicken                  Catch of the Day Fish
_____                                   _____
From the Children's menu:
              Deli Burger, $7.50               Prime Rib Sandwich, $6.25
_____                                   _____

         Child cut Prime Ribs of Beef, $8.75          Total for dinners:  $
_____                                                                       _____
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Please renew your membership (over) at the same time--combine both payments here -- GRAND TOTAL: $ _____

Give this form (or copy) with payment to the Treasurer or mail to: SCCARA PO Box 6 San Jose CA 95103-0006

Need Help?

Amateurs have a long history of helping each other. An experienced amateur who helps another is traditionally called an "Elmer." If you have a question or problem, you are encouraged to ask one of SCCARA's Elmers. Below is a list of topics including who to contact for each.

If you consider yourself to be reasonably competent in at least one area of amateur radio and would be willing help others, please ask the club secretary for an Elmer survey form and fill it out.

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Antennas, feed-lines, tuners:
     WB6EMR, AC6FU, K6PBQ, W6PHF, K6RQ, WB6YRU
Lightning protection, grounding: W6PHF, WB6YRU
Station set-up, equipment: AC6FU, K6PBQ, W6PHF, K6RQ
TVI/RFI:  W6PHF, WB6YRU
Homebrew projects, construction: AC6FU, KD6FJI, W6PHF,
     WB6YRU
Computers: KB6NP;  IBM PC: WN6U, WB6YRU
Packet Network (BBS, forwarding): WB6YRU
Other digital modes (AMTOR, RTTY): WN6U
Code operating and installations:
     WB6EMR, AC6FU, K6PBQ, W6PHF, K6RQ
Contesting & techniques: W6PHF, K6RQ
DX (long distance/propagation): W6PHF, WB6MER, K6RQ
Emergency operating/preparedness: W6PHF, WA6QYS
FM (VHF/UHF, repeaters): W6PHF, WA6VJY
HF operating techniques (SSB, CW):
     WB6EMR, AC6FU, K6PBQ, W6PHF, K6RQ
Mobile operating: W6PHF, K6RQ, WN6U
NTS & traffic handling: W6PHF
QRP (HF low power, all modes): W6PHF, WN6U
TEN-TEN (10 M only): AC6FU
Classes/license upgrading: W6ACW, AC6FU, W6PHF
Legal/FCC rules: WB6YRU
SCCARA (club inner workings):
     KO6HH, K6PBQ, WA6VJY, WB6YRU, WA6QYS
Math applications: AC6FU
Children's Discovery Museum, volunteer operator:  K6PBQ
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W6ACW, Ed Hajny, (408) 739-6105

WB6EMR, James D. Armstrong, Jr.,
day: (408) 995-0621, evening & msg: (408) 945-1202

KD6FJI, Lloyd DeVaughns,
day: (408) 299-8933, evening: (408) 225-6769
packet: home BBS KB6MER

AC6FU, Jack L. Ruckman, (408) 379-4846

KO6HH, Don Hayden, (408) 867-4643
packet: home BBS NOARY

KB6NP, Jon Dutra, day & msg (408) 428-2058
evening (408) 867-8654
packet: home BBS NOARY
internet: jad@aol.com

K6PBQ, Don Village, (408) 263-2789

W6PHF, David Palmer, (415) 948-9527

WA6QYS, Lou Steirer, (408) 241-7999
packet: home BBS NOARY

K6RQ, Frank Glass, (408) 356-1026

WN6U, Doug Eaton, (408) 377-3736
packet: home BBS NOARY
internet: deaton1@ix.netcom.com

WA6VJY, Stan Getsla, day: (408) 738-2888 x5929,
evening & msg: (408) 275-0735

WB6YRU, Gary Mitchell, msg (408) 265-2336
also (408) 269-2924
packet: home BBS NOARY
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S.C.C.A.R.A. Membership Form for 1996
(Fill in name and address if there is no mailing label below; make corrections if the label is incorrect)

Name: _____ Call: _____ Class: E A G T+ T N

Address: _____ Licensed since (yr): _____

City: _____ State: _____ Zip: ___ __ __ __ __ — __ __ __ __

Telephone: (___) _____   ☐ New Member   ☐ I'm also an
                                          ☐ Renewal   ARRL member

For family memberships (at the same address), please list other name(s) and call(s):

_____

Annual membership dues are payable at the first of the year and expire the following December 31.
New members joining on or after July 1, pay half the membership dues (and half auto-patch fee).

Annual Membership dues: Individual $15   Family $20   Student (under 18) $5 ..... _____

I want _____ *SCCARA* badges @ $3 ea. Badge name & call: _____ .... _____

Please send the repeater Auto-Dial codes (no charge, circle): .... Yes
Please send the repeater Auto-Patch codes (includes Auto-Dial), $10.00 .... _____
          WE MUST BE ABLE TO VERIFY YOUR AMATEUR LICENSE
          BEFORE ANY REPEATER CODES WILL BE SENT   TOTAL: _____

Give this completed form (or copy) with payment to the Secretary or Treasurer at any meeting or
mail to the return address below:

═ PLEASE DO NOT TEAR ═══════════════════════════════════════ PLEASE DO NOT TEAR ══

**SANTA CLARA COUNTY
AMATEUR RADIO ASSOCIATION**

PO BOX 6
San Jose   CA   95103-0006
_____
Affiliate of the American Radio Relay League

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NONPROFIT ORG.
US POSTAGE
PAID
SAN JOSE   CA
PERMIT NO 3318
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FORWARD & ADDRESS CORRECTION

TIME DATED BULLETIN