



SCCARA-GRAM



W6UUVOLUME 5
SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION
***ORGANIZED IN 1921

NUMBER 6 ...W6UW
SAN JOSE, CALIFORNIA***



FIELD DAY JUNE 28



ALL THE DETAILS IN THIS ISSUE

FROM THE PREZ

The May 12th Meeting of sixty members at our new meeting place, the County Service Center was great. Ross Forbes, WB6GFJ, gave us a fine slide presentation and talk on AMSAT. The many, many questions that followed his talk were an indicator of the interest it aroused. If you have further questions or wish to join up, you can reach Ross at 415/948-5000. Thanks Ross!!!

After the program, ARRL V.P. Bill Stevens, W6ZM, tossed us a "hot one", when he asked for guidance: "How many ARRL members present would object to relicensing former members, without examination, who had let their licenses expire?" The membership was obviously divided and very vocal. I don't think reviving "Prohibition" would have evoked the response this did from our "hams". Anyhow, Bill now knows how to get audience attention!! We had to shut it off to go home.

Our May 15th Board Meeting at San Jose Hospital was conducted in equally plush surroundings, thanks to member (Dr.) Frank Wiefels, who has booked the Director's Room in their Education Center at 88 No. 16th St., San Jose for the balance of the year. Coffee was even furnished. Keith Butts, KN6K, Repeater Com. Chmn., reported that the loaned 440 MHz Repeater could now be used indefinitely, according to Craig, KF6SD; and also that an antenna (\$75-125) and cavities (\$200) were needed to make it operable. The crystals have already been ordered at \$ 37.00. Coax is being donated by KN6K. The request was approved by the Board after considerable discussion. (We weren't just whistling "Dixie" when we solicited donations.) Anyhow, it will all come together one of these days and we'll be on 440!! (those of us who have gear) Remember the frequencies will be Transmit 442.425 MHz; Receive 447.425 MHz. These are the "Repeater's" so your rig would be just the reverse - I think...

The June 1st Fleamarket at Quement's Parking Lot will be history when this is mailed as will the June 3rd Election of one of SCCARA's very own, Steve Stevens, KD6BS, who is running for Judge of the Municipal Court, Office #1. If Hon. Steve is only half as good a judge as he was a teacher for us, the Public will be well served. Here's to success to both!!!

The June 9th Meeting will be devoted to "Field Day Fever", a video tape of that title to be shown thanks to Dir. Geo. Allan, WA6O. This is to be a planning meeting, normally reported by V.P. Art, but I have just received word from "Chef" Bob Hudgens, WA6KUC, that he will be unable to cook for us Field Day, June 28th. If we are to have a barbecue, we need a cook!! How about it? Call Pres. Ed at 264-2988, if you would like to volunteer. Ed will help, but he can't be trusted to cook, he burns the meat! Please call. Help!

MORE NEXT PAGE

Field Day will be at Mt. Madonna County Park, Manzanita Flat, as last year so you can start getting your act together. We'll probably plan to start about 8:00 AM so we can be ready to go by noon. Field Day lasts for 24 hours after start. So plan to stay over. We're working towards transmitters for both voice and code so that the Novices can have at it. Come to club meeting so that you will know and participate in the planning.

Don't forget to tell your friends about the two 12 week classes starting June 10th for the NOVICE CLASS and June 11th for the TECH/GENERAL Theory and Code Class, both at the County Service Center, 1555 Berger Dr., San Jose, Room 180, across the lobby from where we meet. Remember it's Bldg. 2, the Middle Bldg. Membership in SCCARA only required. Texts will be about \$ 10.00. Membership is \$ 10.00.

Board Meeting will be Thursday, June 19th, 7:30 PM, Room B, San Jose Hospital Education Center, 88 No. 16th Street, San Jose.

In closing I would like to pass along this chuckle from the Percy Ross Mercury News column - in case you missed it. In a competition for novel proposals, one gal submitted that on waking up, she found an engagement ring nested in with her dentures in the denture cup, put there by her "live-in boy friend". June's the month!!!!

73's de WD6CHD, Ed



THANKS TO ALL MEMBERS FOR A GREAT TURNOUT AT THE FLEA MARKET
I HOPE EVERYBODY FOUND SOMETHING TO THEIR LIKING.

LETS NOT FORGET OUR MONTHLY MEETING JUNE 9, 1986 at 7:30PM. WE WILL PUT TOGETHER OUR FINAL PLANS FOR THE FIELD DAY OUTING. OUR FIELD DAY EXERCISE WILL BE HELD AT THE "MANZANITA" CAMPGROUND AT MOUNT MADONNA PARK. WE WILL START ARRIVING AT THE CAMPGROUND AT 9:AM ON SATURDAY JUNE 28, 1986. THIS PROMISES TO BE ONE OF OUR MOST FUN ACTIVITIES. MARK YOUR CALENDARS! DONT MISS IT, COME JOIN IN THE FUN. OPERATE FROM UNDER THE TREES AT MT. MODONNA PARK. SEE YOU ON FIELD DAY.



FOR SALE & WANT

Rules are that only SCCARA Club members in good standing may use this service. Only items directly involved with Ham Radio may be submitted. A suggested price must be stated. All items will run for one issue only, unless resubmitted. Both name and phone number to be included.

FOR SALE

HORNET 3-BAND 4 ELEMENT BEAM for 10-15-10 Meters..\$100.00
ALSO

HORNET 3 BAND 3 ELEMENT BEAM for 10-15-20 Meters.. 75.00
Assembly manuals are included

Contact: John, K6EJF (408) 244-2445

THE YL's COLUMN

By Carla, W06X

Well my first column did not make much of an impact. To date I have received no responses from YL's. I have heard some positive responses from OM's. Welcome as OM comments are, I would like to hear from the YL's.

As I said last month: I know you are there. So it might take a few columns to get you out of the "woodwork". I am very persistent, and as they say: a taurus person is stubborn; I know that I will accomplish what I have set out to do.

The near future looks bright and promising for most of you, especially the novices. If the FCC overrides all the negative comments in regard to a proposed rule with the help of the ARRL, Novices and Techs will have phone and digital privileges on three bands.

On ten meters: digital communications from 28.1 to 28.3 and phone from 28.3 to 28.5; on 1.5 meters: all privileges with a 25 watt limit in power; and on the .23 meter band (1246 to 1260 only): all privileges with a 5 watt limit in power. I think this is fantastic!!! It was a long time in coming, even if some of the die-hards don't agree with me. Hi! Hi!

On May 3 I attended a meeting in San Mateo with a group of YL's from BAYLARC. BAYLARC stands for Bay Area Young Ladies Amateur Radio Club. Their goal is to unite YL's, licensed or not, in the San Francisco Bay Area; to encourage YL's to get a license; and to further the interest of YL's in amateur radio activities. BAYLARC was founded in 1954, but it has been inactive since 1983. Plans to reactivate BAYLARC are in the offing.

We had a nice lunch at a restaurant called: The Two Guys From Italy (I did not choose the place. Hi! Hi!), and from there we went to WD6BIV's home for the meeting. Well let me tell you that I was full of wonder and awe when I left the meeting. Never before had I mingled with a group of YL HAM's with such professionalism. The amusing part is, that when I met them at the restaurant, I thought that I was seeing a bunch of Grannys. If I had seen them on the street or in a store, I would have never thought of ham radio, but, when the meeting started I was looking at and listening to "Pros". Their experience in hamming is from nine to forty years.

Sue, KA6SOC and I were the only non-members of BAYLARC there, and we were the youngest ones there. I was furiously making mental notes on everything being said and planned. I had the pleasure to meet W6BDE, Esther. She is the writer of the QCWA column in World Radio, and she is a past president of BAYLARC. Others were: WA6UAH, Vernice; WD6BIV, Mary Jo; WA6GQC, Elsie; WA6PKP, Vera; W6KHM, Mike; and WA6LIZ, Liz. A very interesting meeting, and I came home feeling honored to have been able to meet such wonderful YL's

Guess this will be all for this month. Oh yes, I was asked about the meaning of "33". Well in the YL's radio world "33" means love and friendship. OM's use "73" and we YL's use "33". We have to be somewhat different after all. SO U outTHR don't stay hidden. Come out and give me a call...How about it.

My best to you all. CU Next Month...33 Carla

FROM YOUR TREASURER.....

It certainly has been busy lately...I even missed the last SCCARA meeting although I really wanted to be there! This working for a living sure interferes with my fun time! I heard the turnout was good, the program was excellent and that everyone was impressed and comfortable with the new meeting place.

MEMBERSHIP....

The recent dropping of delinquent members reduced our membership to 222.

MEMBER INFO....

| CLASS | NUMBER | PERCENT (TOTAL) | PERCENT (LICENSED) |
|---------|--------|-----------------|--------------------|
| Student | 30 | 13.5% | 0% |
| Novice | 43 | 19.4% | 22.4% |
| Tech | 36 | 16.2% | 18.8% |
| General | 36 | 16.2% | 18.8% |
| Adv | 43 | 19.4% | 22.4% |
| Extra | 34 | 15.3% | 17.7% |

WELCOME....

We should have many new members by next issue as a new Novice session is about to begin. For now, let's welcome Bill and Marcy Johnson who have already signed up for that class.

UPGRADES, CHANGES, Etc....

Congratulate Ben Kuckens on obtaining his Advanced with new call KI6EW! Passing their Novice tests were Micky Lutz, Bill Gritter, Thor Johnson, and Mike Bergmann. Upgrading to Tech were Bob Lang and Sam Bigham, KB6HKW.

CLASSES....

Novice class begins June 10th at 7:00. Tech/General class begins June 11th at 7:00. Both classes to be held at the County Service Center-room 180. These are good opportunities for YOU to get help for your first license or to upgrade!

REPEATER FUND....

More contributions to the repeater fund have been made. Thanks to Shorty Freitas, AE6Z; Jose Bocanegro, WA6YRU; Wally Britten, KA6YMD; and Art Furtado, KG6PY for their \$20.00 contributions. The repeater fund money will not be counted as part of the treasury general fund but will be used to install and maintain our two repeater operations. The total now is \$220.00. Join me in writing a check for this cause!

CONVENTION NEWS....

I know Shorty, AE6Z is going give you info on the convention, but let me just mention that registration forms can be found at Quements and HRO/Oakland with more locations as soon as we can get there! Be sure to register early as it helps the club and GIVES YOU EXTRA CHANCES FOR THE AWARDS!!!

DUES....

NO!...this isn't an appeal for dues. As I mentioned a few issues ago, costs for everthing are going up, and I feel our dues are no exception. Next month I'll give you some cost comparisons and show you where the money goes...i.e, postage, printing, insurance, etc.

See you at the meeting and at Field Day 1986!.....73, Dan, WM6M

SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION

MINUTES OF CLUB MEETING MAY 12th, 1986.

The meeting was held at the County Service Center, 1555 Berger Dr., San Jose. Was called to order by our President Ed Rawlinson, WD6CHD at 7:30 P.M.

Thanks to Mickey Lutz for our new meeting place.

PRESENTATION ON OSCAR 10.

Art Furtado KG6PY, program director and Vice President introduced Ross Forbes WB6GFJ, Area Coordinator for the Northern California Area of (AMSAT), gave us a presentation on Oscar 10. He told us what the program is all about. Oscar 10 is the actual satellite we are communicating through at the present time, and which is the most reliable satellite. Oscar 10 is in an elliptical orbit at its maximum distance of about 36,000 kilometers away from us. Makes approximately two orbits a day, despite of what lot of people are saying from different groups, Oscar is not in its death bed is going quite well. You can transmit on 435.1 MHz and has a 2 meter beam on board that sends back the signal to us. Using that satellite we are able to communicate essentially to any where in the world that we want to, however, is not quite as simple as plugging every thing in and saying hello and having the world come back to you. AMSAT itself is a world wide organization, the North American Headquarters is in Washington, D. C., this was what we used to call The Fish Bowl. This is where they actually constructed Oscar 10.

There is a new satellite being built at Denver, Colorado, it is completely set for the transponders. The transponders are being installed here in the next few days, then it will be tested for about three weeks and it will then be shipped to the French, hopefully the French can get into the air.

AMSAT makes a number of publications available. A bulletin is coming out every three months to keep us up to date as to where the technical activities are. The bulletin is a good source, if you are interested in decoding telemetry and learning how AMSAT satellite function. To track the satellite most of us are using some form of a computer, and those here in the U. S. had really rely on the program W3IWI, and this is a typical print out, it tells you each day and during that day each minute that you want you can tell the program in what increments you want it whether 15, 30 minutes etc.

Software is available from AMSAT for the Macintosh, Apple, IBM, Commodore Series, and many other handheld computers.

What we hope to happen, and the earliest possible date is November, Japan will be launching on July 30th, at that point JAS1 will go up. The Packet Satellite on JAS1 will be launched, but Packet transponder will not be available until November. If you are just getting into Packet you have enough time. There is a book available in Japanese explaining the operation of JAS1, that we have translated and will be available in project Oscar.

The Russians are planning to launch two low level satellites that will be similar to our Oscar 6,7, and 8, but they call them RS9 and RS10, they are scheduled to go up this year. They will be on Mode A, that means you transmit in 2 meters and receive on 435.

The French are planning on putting phase 3C and launching it from French Guinea and is scheduled for the end of November. When phase 3C get up it will also be in high elliptical orbit the way Oscar 10 is, and that will be the two satellites in this high elliptical orbit.

(Minutes cont. on back)

(Minutes cont.)

The status of all the satellites and if all of them get up and are properly operating, we would be set up for the next ten years.

Here in the Bay Area alone we have approximately 150 people that are involved in AMSAT program, here in Northern California we got over 400 and any of them will more than willing to help you out to get more information. The satellite program is there and is available, you do not need to have a high class license, all you need is a technician or higher. You can get in touch with Ross before July 6, at 415-948-5000.

Our President Ed Rawlinson said by the power invested in me by SCCARA as President I would like to make you (Ross Forbes) honorary member for the next year.

ROD STAFFORD KB6ZV, DIRECTOR OF THE PACIFIC DIVISION.

The league just recently filed a petition with the FCC to require manufacturers of home electronic devices to include labels and notices on those devices stating whether or not they have filtering and shielding or circuitry designed to reject RFI. This petition has been discussed at January Board Meeting, the Executive Committee approved it in March and is now being or has been filed with the FCC. I think it be kind of nice that we can have home electronic devices that say that it has filtering devices or it does not, if not, that petition is asking for those devices that do not contain the filtering circuitry or the equipment labelling it or on the manual, some place in there. A notice that the home electronic device may be susceptible to mal-function due to RFI problems.

Rod heard the night of April 14th, right after the club meeting a Westling Report that came over OQS broadcast, that "The Executive Committee say no to the Federal Prosecution of Jamming". The ARRL must have good reasons to have made that decision.

QEX is a monthly publication. The subscription for ARRL members is \$6.00. It will bring you the latest high-level technical developments which will be taking place in Amateur Radio. QST is not technical enough.

One last item from Rod, if anybody is interested in teaching Amateur Radio Class in the Santa Clara Adult Education System, you can contact Rod for more details.

ARRL VICE PRESIDENT, BILL STEVENS W6ZM.

Our Service is stagnating: The problem that supports, and you can say all kind of things, but sitting on a wing--the commercial people are interested in expanding their bandwidth, and if they see that our Service is stagnating and dropping off they are going to continually pressure for the bands. We are going to find some way of motivating people to our service. Lets get everyone that would like to be an Amateur Radio people.

What would you say as a group if someone came up with the idea, and no doubt think of this, how many of you know of some people that were Amateurs a few years back, but lost their license due to some problem, finance, changing jobs or called to service, they left their license lapse.

How many of you would be willing or think it would be nice to some way or another those people upon application could be re-issue a license without any delay, be issued a license equivalent to the one they had before?

There was a vote on "will not be upset if this were become to pass". 30 of 56 agree.

DAN G. DIETZ, WM6M TREASURER'S REPORT.

| | |
|-------------------------------|-----------|
| Beginning Balance----- | \$1554.94 |
| Deposits----- | 305.00 |
| Disbursements----- | 601.06 |
| Ending Balance----- | \$1258.88 |
| Convention Account----- | \$2074.57 |
| San Francisco Federal Savings | 804.09 |

Attendance 56

There being no further business, the meeting adjourned at 9:42 P.M.
Joe Bocanegra, WA6YRU, Secretary

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ONCE UPON A SCCARA FIELD DAY

There seemed to be something unusual about that guy. W6NX introduced him to us, with the nickname Tex and a one by two WS call that I am unable to recall. He looked too young to be the holder of the call, and his Texas drawl was so perfect that it sounded artificial. By appearance he was the typical scion of a wealthy Texas family. A family with cattle and horses for a hobby and oil wells to make millions with. Frank seemed to know him. With no call book to check the call with I allayed my suspicions. I later determined that the call was not listed in the book.

The exact year is hazy in my memory, but, as customary for that time, the hardy souls of SCCARA were gathered at the top of Mount Hamilton for field day. I, as usual, was operating forty meter phone with the group organized by Frank Queant. Very unusual undertaking for a CW man like me, but I never did fit in too well with the elite of SCCARA's CW operators. Besides Frank always put on a great spread of food for us. Outside of Frank the only ham that I can remember being with us is Jack Atkinson.

Well the day went well. Every group was reporting that the points were piling up. Tex made freinds easily, and he could really operate. He circulated around helping out wherever he could. The aloof CW operators even let him sit in on one of their circuits for a while, a rare occurrence. By nightfall my suspicions of Tex had abated. After supping on Frank's tasty food and an after dinner bull-session, we all settled down in our sleeping bags. The forty meter phone band was filled with foreign broadcast signals. No use operating until morning. My memory has faded somewhat up to this point, but the rest of my story is vivid in my memory. It is as though it happened yesterday.

About midnite I awoke with a start. I couldn't figure out what had awakened me. One of the hams was snoring loudly, but his snoring hadn't bothered me in previous years. Then I discovered that Tex and his sleeping bag had vanished, prompting me to bounce up and pull on my boots to investigate.

Quiet prevailed around us with no sign of Tex. Someone was slumped over our operating table asleep. The phone area was blacked out. I assumed that everyone was sleeping. I heard a couple of beer cans land on the pile down at the CW location; some activity going on there. Never heard much sound from those guys. Those big earphones that they wore held the sound in. Ever notice how broad and flat the ears on a traffic man get from wearing those earphones. A full moon was shining brightly making seeing easy. However, there was no sign of Tex.

I prowled around the area for a few minutes, and then I spotted Tex heading up the road toward the observatory with his sleeping bag on his shoulder. I reached back and checked that I had "Old Betsy" hanging on my belt. "Old Betsy" is a knife that was issued to each of a group of sailors that I was part of. We all called our knife "Old Betsy". We were on a special mission right after the Pearl Harbor attack. It is more like a bayonet with a leather wrapped handle than a knife. Built for driving through flesh and bone rather than slashing. Along with the knife came some training from the meanest marine corps sergeant that I ever encountered. As Sarge said "the object is to reduce the enemy by one or more while keeping our numbers intact". I always carried "Old Betsy" with me on field day. Never know when you might have to wrestle a grizzly bear up there on Mount Hamilton. Being young and foolhardy, I started to follow Tex on an adventure that I shall always remember.

Tex headed down the road in the direction of Paterson, and then turned into the brush. Following him was easy in the moonlight. We were traveling a well defined trail. It was easy to keep him in sight, and by the North Star, I reckoned that we were traveling in a Southeastly direction. Had to be prepared to find my way back to camp.

I began to feel uneasy when Tex tossed his sleeping bag into a small ravine. It appeared that he had no intention of returning to camp. Nevertheless I kept on his trail until I tripped and fell. When I got up, Tex had vanished.

I continued along the trail. I was not going to give up that easily, and with luck I might catch sight of him again. Not too distant from where I fell I came upon a level clearing. A small cloud hung above the far side of the clearing. It was the only cloud in the sky; and, even for that altitude, it seemed unnaturally low with an unusually uniform shape. I suddenly felt that I was being watched as I stood there. A screech owl hooted softly a couple times, then a fox barked nearby. Hadn't heard that yap-yurrr sound since I was a boy tending the stock at night. The fox made me feel that I must be alone. They usually won't make any noise if a man is around. A coyote started howling at the moon on a nearby hilltop. I always am uneasy listening to their howling, so my apprehension returned. The owl left his perch with the screech that has given them their name. I unsnapped the retainer on "Old Betsy", and I felt my hair standing on end. Then Tex spoke behind me.

He said, "as long as you are so curious, you might as well see the whole show".

I was too excited to answer. Tex was holding a small object in his hand, and he was pointing it at the cloud. The cloud settled down on the opposite side of the clearing. Out of the cloud came what appeared to be four yellowish colored puffs. They moved as though they were walking out of the cloud. Before my astonished eyes each blob became what looked like a large Doberman. Each dog took off in a different direction as though on a well trained patrol. The one, that passed near us, hesitated at sight of me but moved on after some reassuring words from Tex. They appeared to be establishing a perimeter patrol around the area. Next out of the cloud came eight or ten blue puffs and one pink one. Before my already astonished eyes the blue puffs became men and the pink puff became a woman. The rest of the cloud became two efficient looking communications trailers. There were some unusual antennas on them, and the side of each opened to show an array of equipment like nothing that I had ever seen. The area was bathed in bright light from sources on both trailers. I was wishing that I had not left the safety of the camp, and I could see that Tex was amused by my uneasiness.

He said, "we come here every year to participate in your field day, but this year we decided that I should visit with your group instead. Usually we arrive on Friday night and stay until the field day is over on Sunday. Unless the dogs report prowlers in the area; we will do some operating now, and leave here before sunup."

(continued from previous page)

I asked, "where are you from?"

He replied, "we are from Planet 61. It is not in the universe occupied by Earth. Earth is Planet 92 to us. We do not name planets, and we designate stars by their universe and location in the universe."

For brevity I will summarize the remainder of my experience rather than continuing with my recall of the dialog. I learned things that night, that I have difficulty believing, but I shall attempt to plausibly describe what I saw and heard. Tex was my informant on all that I learned.

Tex introduced me to everybody. There was nothing outstanding about the men; not so for the YL. I have never seen her match in beauty; long silky blonde hair; huge greenish blue eyes; and complementing physical attributes. She wore a coverall outfit that clung to every curve. She would be a ten on an ascending scale of ten with Betty Grable and Marilyn Monroe about level two. She told me that her Earth name was Betty. My almost involuntary statement: you are gorgeous brought her reply that she always tried to look her best whatever form that she assumed. I was later to learn just what she meant by her statement.

They used two kinds of communications: electromagnetic like ours and what Tex called instant-transfer. I found the instant-transfer communications hard to believe. Stated simply, with instant-access communications they have defeated the time axis. Press a key on earth and it is instantly received a billion miles away with zero propagation loss, and with the only time involved being in the communications equipment on each end. In some manner transmittal involves some charge that exists between all physical masses. According to Tex the principle exists in our mathematical equations, but our physicists have not discovered it.

They do not have bodily formation to match ours on their native planet. They have mastered transformation to a body matching the needs of the planet that they visit. That was the reason for Betty's statement about looking her best. Women will be women everywhere. They also program their minds to communicate in the language of the people that they are amongst. Tex's accent was window dressing on that W5 call. The dogs were earth equivalents of a highly intelligent domesticated animal from Planet 92.

Tex had hitched a ride on one of their space ships. These ships visit our area frequently. They are designed to appear like free space to our radar, and they are, at the same time, built to reflect no light. We only occasionally catch a glimpse of them by freak conditions in the atmosphere. The ships are placed in our area by instant-transfer. They receive their power from Planet 61 by the same process. The ship had landed in the same clearing to let Tex out.

The rest of the party came by the cloud. Certain forces make it impossible to transfer directly to earth by instant-transfer. Field problems created by the movement of Earth in its orbit prevent such. The two methods of delivery are space ship and cloud transfer. To get the cloud to Earth requires someone on Earth to beam it down, or a hovering space ship to do the same. Since Tex was on Earth the space ship had moved off on another mission. The instant-transfer to a cloud method keeps their space ship size within reason while allowing transfer of any size load that they wish to transfer. Betty told me that she hated to be confined in the cloud awaiting beaming down.

I took a look at their equipment as best I could. Most of it was confined behind cabinet walls. Their antennas were the most interesting. Beams for every band that were not over a two or three feet in length. Verticals about the length of two meter verticals on seventy-five. The primary difference was the diameter of the elements. Like pieces of stove pipe. Tex told me that the principle exists in our math equations awaiting discovery. With those antennas they were actively involved in field day operations all over the country. They cleverly used local call area vacant calls to identify with rather than creating confusion by a single station working all over the country on two meters, for example.

Betty allowed me to use the instant-transfer communications link back to the home planet. They had to use code. I was informed that the earth distorted voice too much. I used our code and my call to communicate with. The operator on Planet 61 used an interpreter to change my code to his and his to mine. I have made the longest two way contact that a resident of this planet has ever made. Of course, I asked for a QSL card.

Near sunup Tex informed me that they had to go. He placed a small box on the ground near me. The trailers became a cloud; the people became blobs and filed into the cloud; the dogs trotted in and followed the same routine. After a short time the cloud rose and disappeared. Instant-transfer had taken them back to Planet 61. The box on the ground had become a small rock.

I arrived back at camp about sunup. There was some activity around the twenty meter phone tent. I heard a lot of beer cans land on the pile down at the CW area. Must have been breakfast time. The same guy was slumped over our operating table. The snoring was still going on. If that guy snored like that at home, I am unable to see why the family didn't make him sleep down at the store. I lay down on my sleeping bag to rest for a while and think over what I had seen.

I never did learn how W6NX and Tex got to know each other. Sometimes, when I am visiting with Frank, I wonder if Frank's acquaintance with Tex is the secret of his amazing longevity.

To my astonishment, noone missed Tex on Sunday. It was as if he had never been there.

To this day I keep an envelope with my old call at the QSL bureau. If a card finally arrives, I will be able to claim the long-distance QSO record. That is if I can prove where Planet 61 is located.

This is the first revelation that I have made of my experiences on that night. I have had to be brief, but I hope that I have been able to convey to you a picture of the amazing things that I saw on that night. Now that I am old and gray, such recounts of days gone by are rather expected.

*****AE6Z*****

Baudot Code(continued).

Therefore, a Baudot TTY machine has two special keys, one labeled FIGS and another labeled LTRS, and each letter key(LTRS) also serves as a number or punctuation character when in FIGS case. The old Baudot machines had only three rows of keys and took a little getting used to for a typist! Fortunately, modern electronic keyboards have an electronic memory built-in that automatically inserts the LTRS and FIGS character when required. A "standard" typewriter keyboard may therefore be used on these electronics terminals. An obvious limitation of the Baudot code is that it cannot represent both upper- and lower-case letters. In the U.S., TTY machines print only upper-case, or capital letters. In Europe some machines print only lower-case letters.

There are two slightly different versions of the Baudot code in common use by radio amateurs. The two codes are the same for all letters, numbers and control characters, but they have a few differences for punctuation symbols. In the United States we use a code that was used in the surplus TTY machines we started with in the late 1940s. This code is not the international standard, but is compatible in most respects. Either code is equally legal for U.S. amateurs use, since the FCC only defines code combinations for letters, numerals, and the slant or fraction bar in Part 97.69 of the Rules and Regulations. Amateurs in other countries have adopted the Comite Consultatif International Telegraphique et Telephonique(International Telegraph and Telephone Committee), CCITT#2 Code. Both codes are shown in Table 3.

As can be seen, there are only six FIGS case differences between the two Baudot codes, the most noticeable being the interchanges of the signal bell and apostrophe symbols (FIGS-S and FIGS-J). Communications between U.S. and European amateurs therefore may include extra signal bell rings! Devotees of RTTY art therefore include both the apostrophe and signal bell is needed to make up the picture. The variations between quotation(") and plus(+) and between semicolon(;) and equals(=) do not normally cause any great problems except when receiving press from commercial RTTY stations outside the U.S. The apostrophe symbol(') is generally used for quotation in CCITT#2 systems, which of course will ring the U.S. station's signal bell. The only way for a U.S. station to get absolutely correct copy in this case is to have a printer or terminal that can be changed to the CCITT#2 code. As will be discussed shortly, the definition of AMTOR/SITOR by Comite Consultatif International des Radiocommunications(International Radio Consultative Committee), CCIR 476, specifically requires conversion to the CCITT#2 code format. This is why the OVER signal for AMTOR may be referred to as either quotes-querie("?=U.S. Baudot) or plus-query(+=CCITT#2 Baudot).

The FIGS-D character deserves some special consideration. In the U.S. this code is used to represent the dollar sign(\$). However, CCITT#2 systems use this code to trigger a Who Are You (WRU) answer-back message. When FIGS-D is received and WRU is enabled, the CCITT#2 terminal automatically transmits the call sign or other ID, thus blocking any reception until the WRU message is completed.----to be continued----- BY HARRY, A66M

Finally recieved my new call, N6NMZ. It's a real tongue twister, although it's an easy CW call. I have to apologize for missing last months newsletter. It won't happen again. I will be harassing people at meetings etc. to get information for this column, as the response through the mail hasn't been that great. I would like to invite people to write in with questions about equipment. I'm sure new novice and tech operators have questions. Speaking of novices, congratulations to the novices who passed the exams during the last class. I hope this column will be a source of information for all of you.

Dan Dietz, WM6M, wants to convey an experience that he had with his Morse University machine made by AEA. It is a cw machine that hooks up to a Commodore 64. He uses it to make the code pratice tapes for the novice class, though it has many other capabilities also. The symptom was that, occasionally, you would get more than one characture when you pressed a key. This proved disastrous for making tapes for the novice class. It was like keybounce from the keyboard, requiring many ventures to the delete key to correct the text. When AEA was first contacted they tried to convince Dan that the C-64 was at fault. Dan had tried 3 other computers which exhibited the same problem. This proved that the AEA machine was the culprit. Dan also found that 3 other owners of the same machine had the same problem. They all wrote to AEA. Dan eventually recieved a letter from AEA stating that they had found a program glitch and asking him to return the unit for a ROM swap. He hasn't had any trouble since the fix and is very happy with it. There are a lot of new and future novices who are glad that AEA stood behind thier product. If you or anyone you know has problems with one of these, let me know. I would be glad to write AEA a letter.

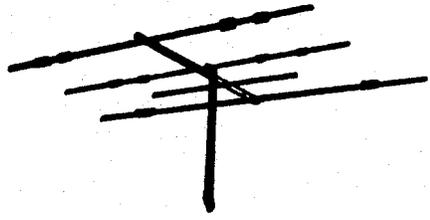
I'm waiting to here from some of the new TS-940 owners. I hear a lot about the rig and understand that there might be some problems with it. I got a chance to see one in George, WA6D's shack. I was very impressed, it's one fancy radio.

I would like some input on starting a club library, if we can ever get the radio room squared away at the Red Cross. What does everyone think of having a pool of equipment manuals? It would be a big project. We'll have to wait to see how the radio room evolves. Let's here some input!

Who can tell me about the 1296 MHZ band? I am wondering what kind of range can be expected with repeaters on this band. What repeaters are accessible from the Bay Area?

Don't be suprised if I corner you after the next meeting and start asking about your station. Until then.

73's
Eric Homa N6NMZ





DEAR DICK:

PER OUR TELECONV, HERE'S A LITTLE STORY OF PATIENCE WHEN IT COMES TO TRYING TO GET A QSL CARD!

AFTER RETURNING HOME FROM VACATION IN FLORIDA AND GOING THROUGH THE MAIL HELD FOR US AT THE POST OFFICE, OUT DROPPED A QSL FROM FF8BZ, THE OLD FRENCH WEST AFRICA, FOR A CONTACT I HAD IN JULY OF 1959!

NOPE, IT WASN'T BAD MAIL SERVICE. IT CULMINATED ABOUT 27 YEARS OF OFF AND ON STRUGGLING TO QSL THE ONLY POST WWII "NEW COUNTRY" THAT I HAD NEVER BEEN ABLE GET A CARD FROM.

THE STORY STARTED WHEN I WORKED YVES IN DAKAR, TWICE, IN JULY, 1959. CARDS TO HIS BP QTH, GIVEN ON THE AIR, WENT UNANSWERED AND THE CHANGES IN THE FWA SITUATION LEFT A DEAD END TRAIL. I TRIED SOME FEELERS IN 1961 AND 1965, ONLY TO GET ONE RESPONSE. THAT WAS FROM GEOFF WATTS OF THE ISWL GANG IN ENGLAND. HE GAVE ME A COUPLE OF POSSIBLE "F" CALLS TO PURSUE. ONE, F5EY, HAD THE SAME NAME AS FF8BZ, BUT CARDS TO HIM AT EACH NEW FOREIGN CALLBOOK ADDRESSES CAME BACK MARKED "ADDRESSEE UNKNOWN". I KEPT ALL OF MY RETURNED ENVELOPES AND THE FRENCH STAMPS SENT FOR RETURN POSTAGE, JUST IN CASE.

LAST YEAR, I ASKED THE QRZ-DX QSL INFO GANG FOR HELP. FROM THAT CAME A PHONE CALL FROM K4TEA, WHO ALSO WAS LOOKING FOR HIS FF8 CARD, BUT HADN'T HAD ANY LUCK EITHER. WE AGREED TO ADVISE EACH OTHER IF WE HAD ANY SUCCESS.

A COUPLE OF SUNDAYS AGO, I WORKED A UA STATION ON 20M PHONE, AND ABOUT THE TIME I HAD MADE THE LOG ENTRY, THE PHONE RANG. IT WAS KEN, K4TEA. HE SAID HE HAD JUST RECEIVED HIS FF8BZ CARD AND WAS GOING TO CALL ME. HOWEVER, HE THOUGHT IT WAS TOO EARLY TO CALL, UNTIL HE HEARD A UA WORKING K6RQ! SO KNOWING I WAS UP HE CALLED TO TELL ME THAT F9YZ HAD HEARD KEN'S STORY AND HAD FOUND OUT F5EY WAS INDEED STILL AROUND AND HAD HIS FF8 LOG.

WITH THE NEW ADDRESS PROVIDED BY KEN, I SENT ALL MY PAST RETURNED LETTERS AND QSLs TO YVES JUST BEFORE CECILIA AND I WENT OFF ON VACATION. SO 27 YEARS LATER, MY FF8BZ CARD ALSO CAME THROUGH. IT IS ON ITS WAY TO DXCC FOR UPDATING MY ALL TIME COUNT TO 353. IT DOESN'T AFFECT HONOR ROLL, BUT IT IS GREAT TO KNOW THAT ALL THE POST WWII COUNTRIES I EVER WORKED HAVE NOW ALL BEEN CONFIRMED.

HMMM, I WONDER ABOUT MY NON-QSLED QSO WITH THE SULTAN, VS3AE, BACK IN 1936!

73 DE K6RQ (W6MVL IN 1959 (AND 1936))

CQ CQ CQ.....de WB6WKM

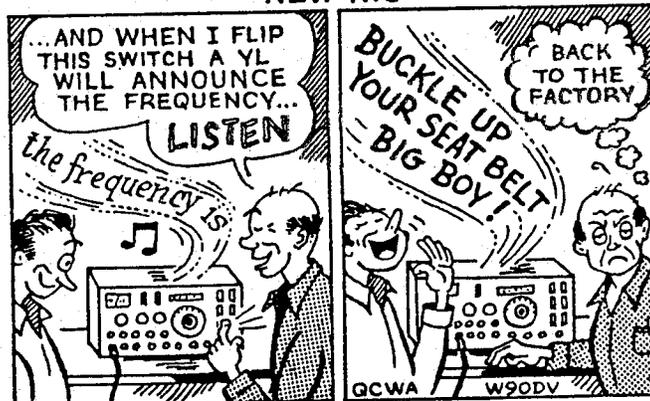
Well where were you Sunday June 1st? Have you ever thrown a party and no one showed up! Thats exactly what happened to SCCARA's Annual Flea Market. How sad that it has been losing out to lack of interest. Not only did our membership not support it, very few outsiders did either. No one is to blame, after all this used to be one of the bigger events for the club and helped to promote SCCARA and at the same time it provided part of the annual income. The B of D will have to decide what is to become of this fun event, for it is not worth the effort of the officers if they are the only ones that show up. Lets think about it and if we are to continue it next year maybe we will have to change the date as well as make an effort to really PRE-PROMOTE it. With the Foothill Flea Market getting so much action, we have to change something and do it soon.

If you missed the last club meeting, you missed a fine program as well as a chance to see the new meeting room, it is first class and no one will disagree with that! it is sure to be a hit and with the fine turnout the word will get around. Your in for a treat this month. AE6Z Shorty has provided us with a story from the past about the annual Field Day outing that he attended a few years ago....Be sure to read it! Say what do you think of the great job that Carla WO6X, is doing? (That a girl!) Be sure and tell these members just how much WE appreciate all of the time that they are putting into the SCCARA-GRAM, I know that it sure makes my job a lot easier. I won't be at the Field Day exercise, but all of the details are elsewhere in the paper, so get the suntan lotion and bug repellent out and go have a ball! CU next meeting..

Dick Letrich

* FLASH FLASH FLASH==Congrats are in order for K6YKG !!! *
* Jim Daddysman upgraded to EXTRA CLASS 6/1/86 *

NEW RIG



QCWA NEWS



SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION

CORDIALLY INVITES YOU TO ATTEND

PACIFICON '86

THE ARRL PACIFIC DIVISION CONVENTION

OCTOBER 3-5, 1986
to be held at
THE LE BARON HOTEL
1350 North First Street
San Jose, California

EXHIBITS * TECH FORUMS * DX FORUM * YL PROGRAM * SPOUSE PROGRAMS
AWARDS
SPECIAL INTEREST BREAKFASTS * BANQUET * SPECIAL SPEAKERS
AWARDS
LICENSE EXAMS * WOUFF HONG CEREMONY * TOUR OF STANFORD LINEAR ACCELERATOR
TALK IN ON W6UU, 146.985/385

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\$50.00 per NITE - SINGLE or DOUBLE!

CONTACT THE LE BARON HOTEL DIRECTLY FOR RESERVATIONS - TEL (408)288-9200
(BE SURE TO MENTION THE CONVENTION TO GET THE SPECIAL RATE)

SPECIAL EARLY REGISTRATION INCENTIVES

REGISTER BEFORE SEPTEMBER 20th and DEDUCT \$3.00 FROM THE REGULAR
REGISTRATION FEE OF \$ 15.00!
PRE-REGISTER THRU JULY & GET 3 PRE-REG. AWARD CHANCES!
PRE-REGISTER IN AUGUST & GET 2 PRE-REG. AWARD CHANCES!
PRE-REGISTER SEPT 1-20 & GET 1 PRE-REG. AWARD CHANCE!

TO PRE-REGISTER, PLEASE FILL OUT THE COUPON BELOW AND MAIL IT WITH YOUR
CHECK OR MONEY ORDER TO:

SCCARA, DEPT SG
P.O. BOX 6
SAN JOSE, CA 95103

ENCLOSED IS MY CHECK/MONEY ORDER (made payable to SCCARA) TO COVER
REGISTRATION FOR PACIFICON '86 AS FOLLOWS:

| <u>EVENT</u> | <u>AMOUNT</u> | <u>MYSELF</u> | <u>SPOUSE</u> | <u>TOTAL AMOUNT</u> |
|---|---------------|---------------|---------------|---------------------|
| CONVENTION *(\$15.00 AFTER SEPTEMBER 20th) | \$ 12.00 * | _____ | _____ | \$ _____ |
| BANQUET | \$ 20.00 | _____ | _____ | \$ _____ |
| SLAC TOUR | \$ 8.00 | _____ | _____ | \$ _____ |
| WINCHESTER MYSTERY HOUSE TOUR | \$ 14.00 | _____ | _____ | \$ _____ |
| WOUFF HONG | (NO FEE) | _____ | _____ | (NO FEE) |
| GRAND TOTAL | | _____ | _____ | \$ _____ |

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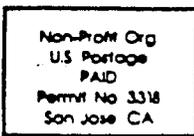
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CLUB REPEATER....Input 146.985 MHZ=Output 146.385 MHZ. On-the-air meeting Monday Nights 7:30PM Local time except on regular meeting nights.

REGULAR MEETINGS, are held the second Monday of each month. Meetings start at 7:30PM Local and are held at the COUNTY SERVICE CENTER 1555 BERGER DRIVE, BLDG. #2, San Jose. Visitors are always welcome.

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TIME—DATE BULLETIN